

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042522\
 Data File : VD072705.D
 Acq On : 25 Apr 2022 13:34
 Operator : VA/SY
 Sample : VD0425SBS02
 Misc : 5.00G/5.00ml/MSVOA_D/soil
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0425SBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/26/2022
 Supervised By : Mahesh Dadoda 04/26/2022

Quant Time: Apr 26 01:13:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	328946	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	552194	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.631	117	512325	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	272623	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	209147	52.560	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.120%			
35) Dibromofluoromethane	7.908	113	221450	51.604	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.200%			
50) Toluene-d8	10.332	98	739533	49.577	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.160%			
62) 4-Bromofluorobenzene	12.620	95	301750	51.796	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.600%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	45297	17.351	ug/l	92
3) Chloromethane	2.208	50	51844	21.470	ug/l	97
4) Vinyl Chloride	2.350	62	54774	20.310	ug/l	98
5) Bromomethane	2.744	94	37665	20.242	ug/l	97
6) Chloroethane	2.903	64	37620	21.153	ug/l	99
7) Trichlorofluoromethane	3.261	101	121205	21.390	ug/l	92
8) Diethyl Ether	3.708	74	35407	21.026	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.085	101	77876	20.607	ug/l	96
10) Methyl Iodide	4.297	142	63991	20.541	ug/l	97
11) Tert butyl alcohol	5.220	59	38625	183.806	ug/l #	92
12) 1,1-Dichloroethene	4.061	96	60097	20.341	ug/l #	92
13) Acrolein	3.926	56	12032	129.026	ug/l	97
14) Allyl chloride	4.702	41	102396	20.418	ug/l	89
15) Acrylonitrile	5.420	53	84506	100.346	ug/l	98
16) Acetone	4.155	43	83609	112.681	ug/l #	88
17) Carbon Disulfide	4.408	76	114054	20.158	ug/l	96
18) Methyl Acetate	4.714	43	36550	17.485	ug/l #	90
19) Methyl tert-butyl Ether	5.473	73	177562	20.590	ug/l	98
20) Methylene Chloride	4.955	84	117468	26.593	ug/l	86
21) trans-1,2-Dichloroethene	5.461	96	72150	20.460	ug/l	84
22) Diisopropyl ether	6.361	45	248893	20.967	ug/l #	93
23) Vinyl Acetate	6.302	43	644250	104.656	ug/l #	95
24) 1,1-Dichloroethane	6.249	63	151310	21.153	ug/l	97
25) 2-Butanone	7.202	43	108202	105.439	ug/l #	89
26) 2,2-Dichloropropane	7.202	77	136151	21.429	ug/l	97
27) cis-1,2-Dichloroethene	7.202	96	92397	20.597	ug/l	92
28) Bromochloromethane	7.543	49	72231	23.567	ug/l #	81
29) Tetrahydrofuran	7.555	42	61896	99.903	ug/l #	88
30) Chloroform	7.702	83	171141	21.269	ug/l	98
31) Cyclohexane	7.979	56	106831	20.532	ug/l #	86
32) 1,1,1-Trichloroethane	7.896	97	146410	21.453	ug/l	96
36) 1,1-Dichloropropene	8.102	75	106773	20.156	ug/l	94
37) Ethyl Acetate	7.285	43	43008	18.914	ug/l #	89
38) Carbon Tetrachloride	8.090	117	127318	21.536	ug/l	96
39) Methylcyclohexane	9.349	83	110599	19.198	ug/l	95
40) Benzene	8.343	78	321076	21.424	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042522\
 Data File : VD072705.D
 Acq On : 25 Apr 2022 13:34
 Operator : VA/SY
 Sample : VD0425SBS02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0425SBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/26/2022
 Supervised By : Mahesh Dadoda 04/26/2022

Quant Time: Apr 26 01:13:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	23640	18.858	ug/l #	75
42) 1,2-Dichloroethane	8.420	62	98119	21.420	ug/l	96
43) Isopropyl Acetate	8.443	43	90692	20.793	ug/l #	91
44) Trichloroethene	9.108	130	88658	20.837	ug/l	94
45) 1,2-Dichloropropane	9.379	63	87365	20.956	ug/l	95
46) Dibromomethane	9.467	93	46868	21.428	ug/l	97
47) Bromodichloromethane	9.649	83	131893	20.989	ug/l	97
48) Methyl methacrylate	9.449	41	41587	19.639	ug/l #	80
49) 1,4-Dioxane	9.455	88	11079	425.808	ug/l #	93
51) 4-Methyl-2-Pentanone	10.220	43	239981	102.540	ug/l	93
52) Toluene	10.396	92	212113	21.304	ug/l	98
53) t-1,3-Dichloropropene	10.608	75	114862	20.976	ug/l	100
54) cis-1,3-Dichloropropene	10.079	75	135470	20.925	ug/l #	85
55) 1,1,2-Trichloroethane	10.790	97	71566	21.582	ug/l	98
56) Ethyl methacrylate	10.655	69	77328	19.705	ug/l #	82
57) 1,3-Dichloropropane	10.937	76	111973	20.426	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	203617	124.376	ug/l	95
59) 2-Hexanone	10.973	43	162013	101.799	ug/l	93
60) Dibromochloromethane	11.132	129	89819	20.998	ug/l	97
61) 1,2-Dibromoethane	11.237	107	62748	21.313	ug/l	98
64) Tetrachloroethene	10.867	164	71190	21.268	ug/l	93
65) Chlorobenzene	11.661	112	241428	21.077	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.731	131	93735	20.469	ug/l	98
67) Ethyl Benzene	11.731	91	412008	20.614	ug/l	98
68) m/p-Xylenes	11.843	106	321769	42.436	ug/l	98
69) o-Xylene	12.167	106	152843	20.892	ug/l	96
70) Styrene	12.184	104	268758	20.844	ug/l	97
71) Bromoform	12.343	173	49709	20.476	ug/l #	100
73) Isopropylbenzene	12.467	105	419977	19.075	ug/l	99
74) N-amyl acetate	12.273	43	85421	18.491	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.720	83	79057	18.957	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	56693m	19.067	ug/l	
77) Bromobenzene	12.749	156	97122	19.681	ug/l	93
78) n-propylbenzene	12.808	91	511673	19.264	ug/l	98
79) 2-Chlorotoluene	12.896	91	299723	19.296	ug/l	96
80) 1,3,5-Trimethylbenzene	12.949	105	360095	19.096	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	22395	18.482	ug/l	89
82) 4-Chlorotoluene	12.990	91	318831	19.708	ug/l	100
83) tert-Butylbenzene	13.208	119	321945	19.722	ug/l	95
84) 1,2,4-Trimethylbenzene	13.255	105	359870	19.516	ug/l	99
85) sec-Butylbenzene	13.384	105	479671	19.507	ug/l	98
86) p-Isopropyltoluene	13.502	119	388126	19.311	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	201215	19.677	ug/l	98
88) 1,4-Dichlorobenzene	13.578	146	199806	19.387	ug/l	98
89) n-Butylbenzene	13.825	91	362679	18.942	ug/l	99
90) Hexachloroethane	14.096	117	80401	19.541	ug/l	100
91) 1,2-Dichlorobenzene	13.873	146	172484	19.124	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.490	75	12364	20.047	ug/l	94
93) 1,2,4-Trichlorobenzene	15.143	180	105744	18.915	ug/l	98
94) Hexachlorobutadiene	15.249	225	61120	19.518	ug/l	99
95) Naphthalene	15.384	128	187744	17.283	ug/l	100
96) 1,2,3-Trichlorobenzene	15.572	180	93441	19.151	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042522\
Data File : VD072705.D
Acq On : 25 Apr 2022 13:34
Operator : VA/SY
Sample : VD0425SBSD02
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0425SBSD02

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

Quant Time: Apr 26 01:13:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 30 02:44:36 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

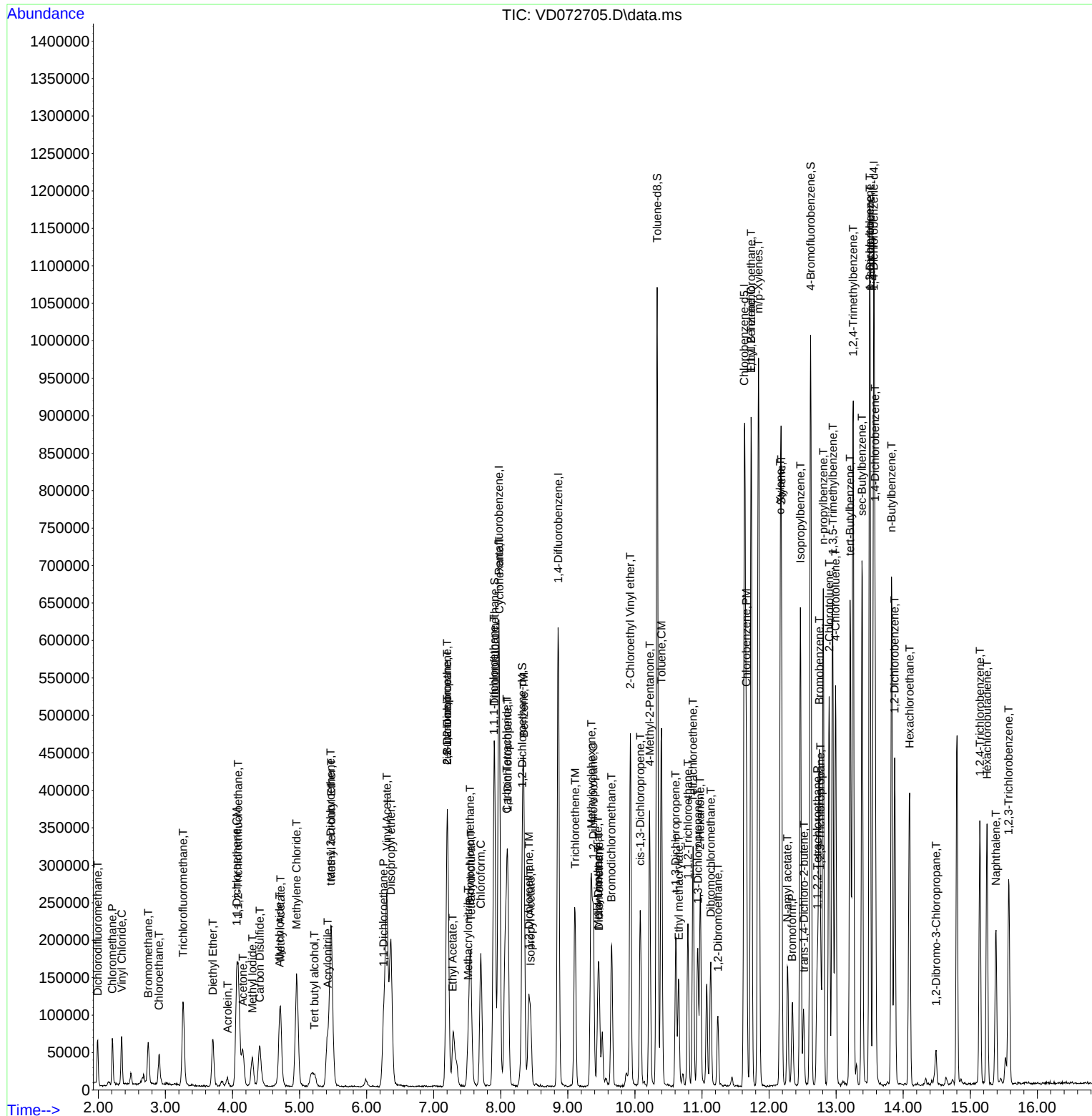
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042522\
 Data File : VD072705.D
 Acq On : 25 Apr 2022 13:34
 Operator : VA/SY
 Sample : VD0425SBS02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

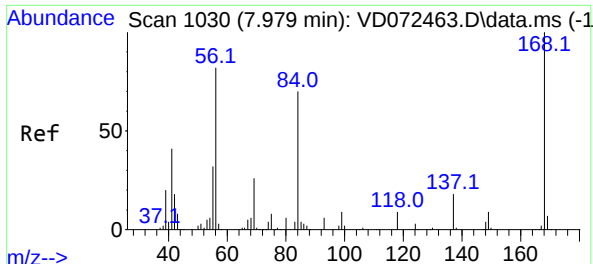
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0425SBS02

Manual Integrations APPROVED

Reviewed By : John Carlone 04/26/2022
 Supervised By : Mahesh Dadoda 04/26/2022

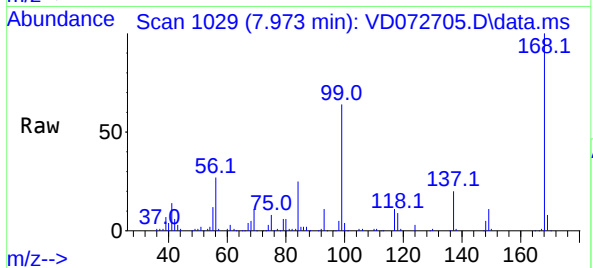
Quant Time: Apr 26 01:13:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD072705.D
Acq: 25 Apr 2022 13:34

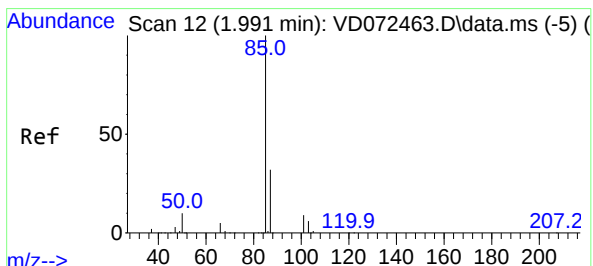
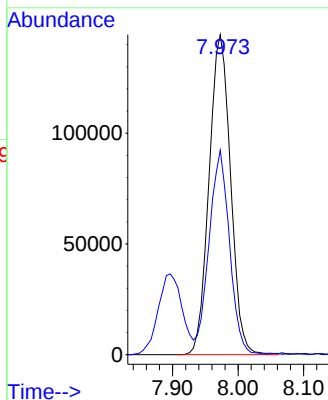
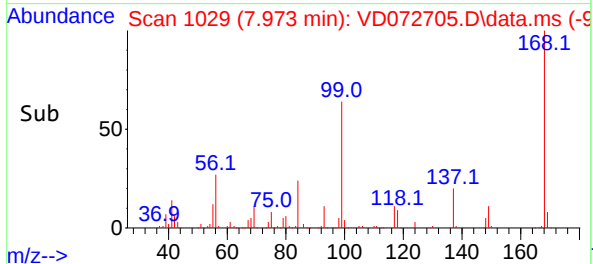
Instrument :
MSVOA_D
ClientSampleId :
VD0425SBSD02



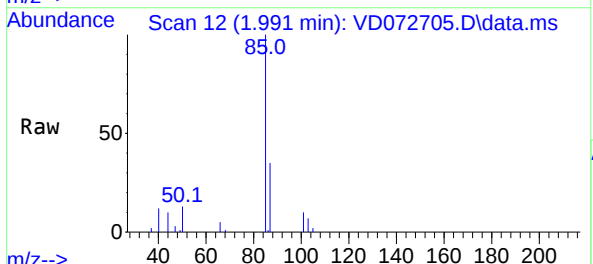
Tgt Ion:168 Resp: 328940
Ion Ratio Lower Upper
168 100
99 63.5 49.8 74.6

Manual Integrations
APPROVED

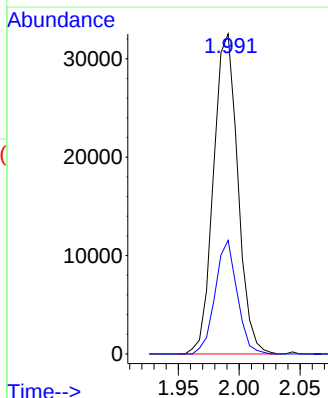
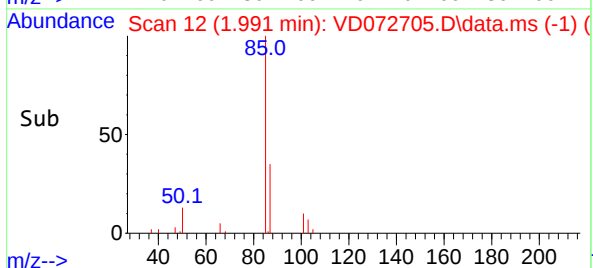
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

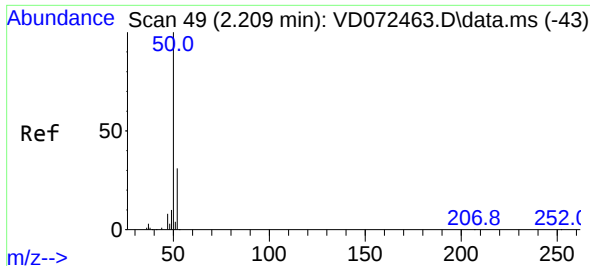


#2
Dichlorodifluoromethane
Concen: 17.351 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD072705.D
Acq: 25 Apr 2022 13:34



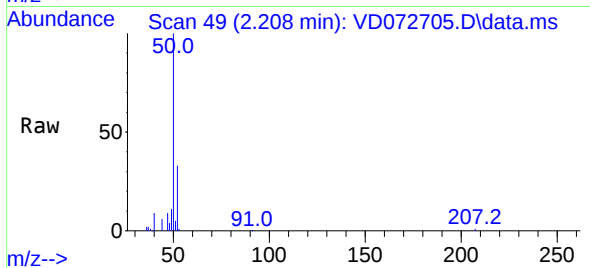
Tgt Ion: 85 Resp: 45297
Ion Ratio Lower Upper
85 100
87 35.5 15.7 47.0





#3
Chloromethane
Concen: 21.470 ug/l
RT: 2.208 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD072705.D
Acq: 25 Apr 2022 13:34

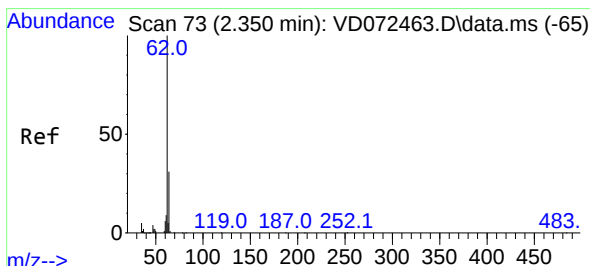
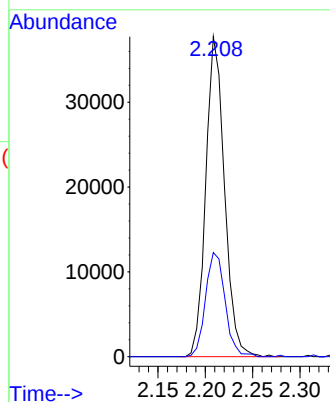
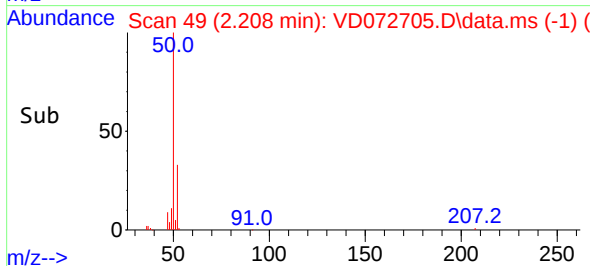
Instrument :
MSVOA_D
ClientSampleId :
VD0425SBSD02



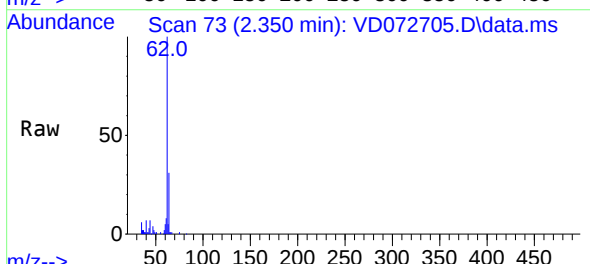
Tgt Ion: 50 Resp: 51844
Ion Ratio Lower Upper
50 100
52 32.6 27.4 41.0

Manual Integrations
APPROVED

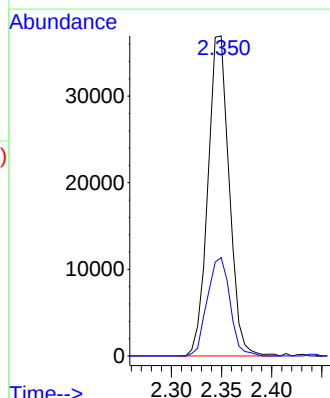
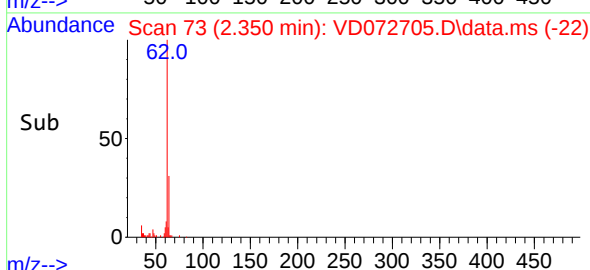
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

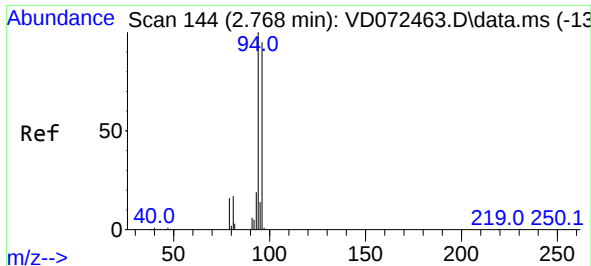


#4
Vinyl Chloride
Concen: 20.310 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD072705.D
Acq: 25 Apr 2022 13:34



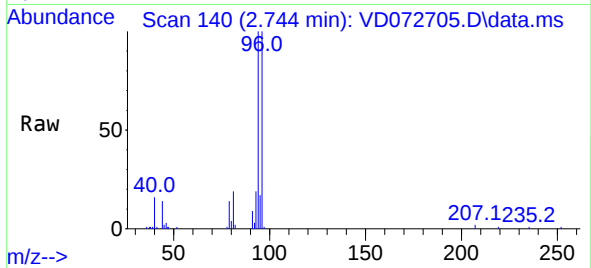
Tgt Ion: 62 Resp: 54774
Ion Ratio Lower Upper
62 100
64 30.8 25.4 38.0





#5
Bromomethane
Concen: 20.242 ug/l
RT: 2.744 min Scan# 144
Delta R.T. -0.024 min
Lab File: VD072705.D
Acq: 25 Apr 2022 13:34

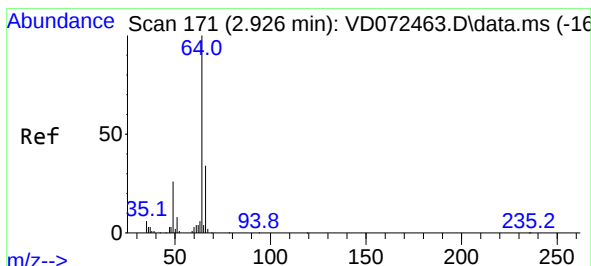
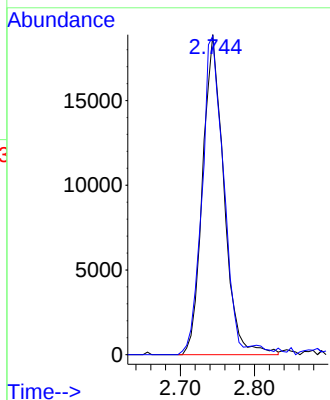
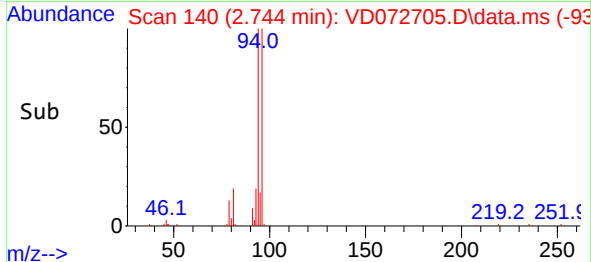
Instrument :
MSVOA_D
ClientSampleId :
VD0425SBSD02



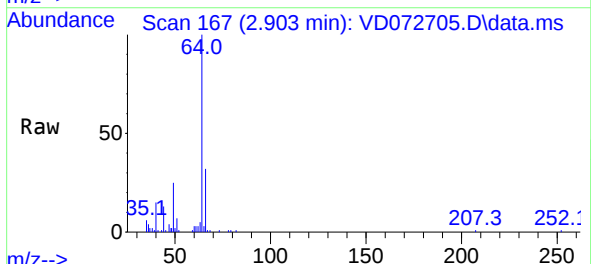
Tgt Ion: 94 Resp: 3766
Ion Ratio Lower Upper
94 100
96 99.6 77.6 116.4

Manual Integrations
APPROVED

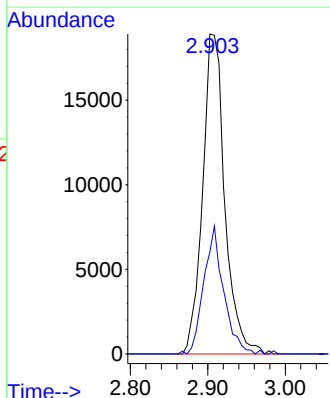
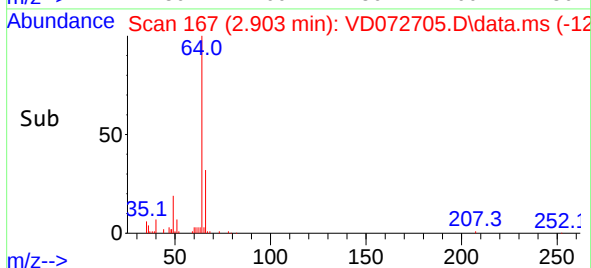
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

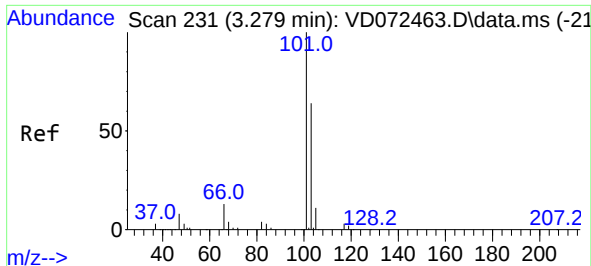


#6
Chloroethane
Concen: 21.153 ug/l
RT: 2.903 min Scan# 167
Delta R.T. -0.024 min
Lab File: VD072705.D
Acq: 25 Apr 2022 13:34



Tgt Ion: 64 Resp: 37620
Ion Ratio Lower Upper
64 100
66 31.9 25.9 38.9





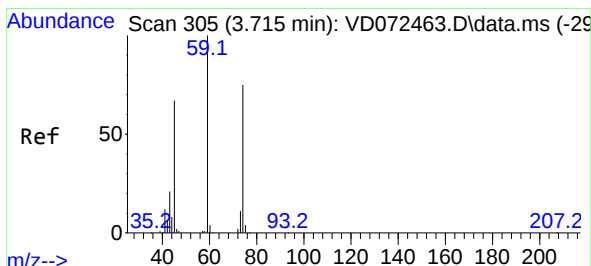
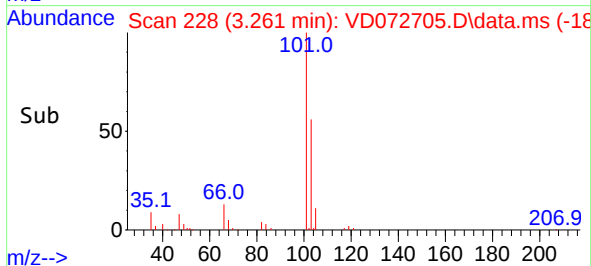
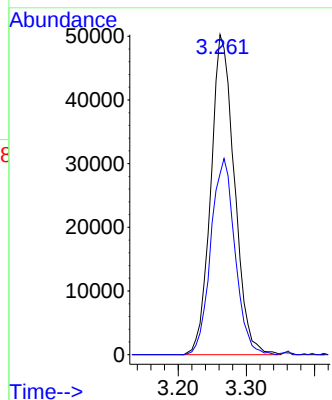
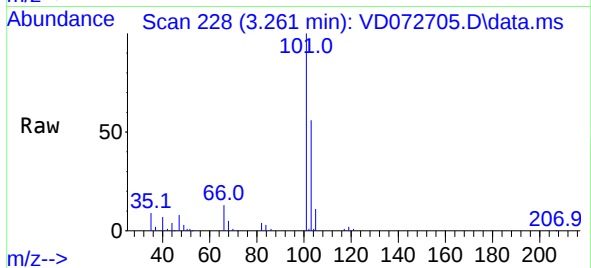
#7
Trichlorofluoromethane
Concen: 21.390 ug/l
RT: 3.261 min Scan# 21
Delta R.T. -0.018 min
Lab File: VD072705.D
Acq: 25 Apr 2022 13:34

Instrument :
MSVOA_D
ClientSampleId :
VD0425SBSD02

Tgt Ion:101 Resp: 12120
Ion Ratio Lower Upper
101 100
103 56.5 50.1 75.1

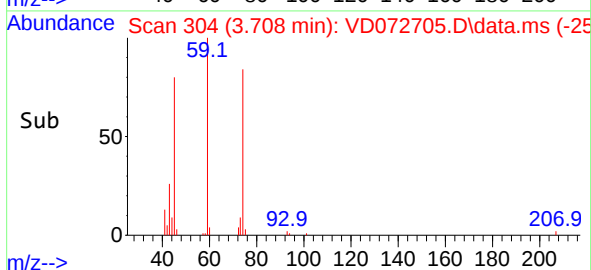
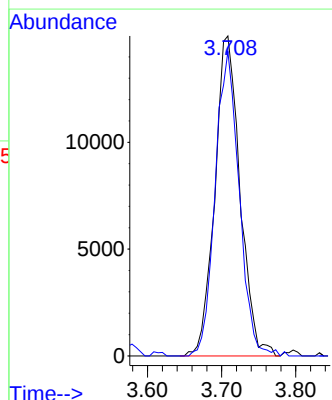
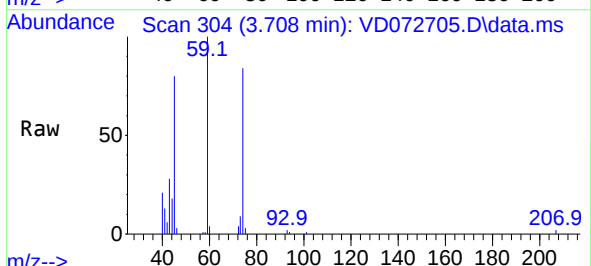
Manual Integrations
APPROVED

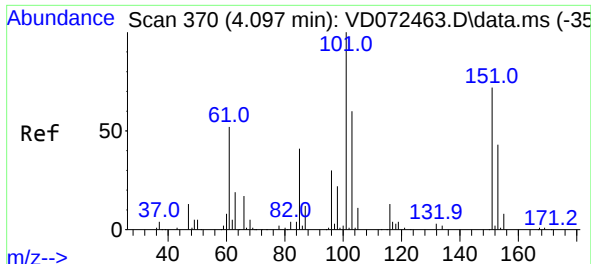
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#8
Diethyl Ether
Concen: 21.026 ug/l
RT: 3.708 min Scan# 304
Delta R.T. -0.006 min
Lab File: VD072705.D
Acq: 25 Apr 2022 13:34

Tgt Ion: 74 Resp: 35407
Ion Ratio Lower Upper
74 100
45 90.7 52.6 157.8





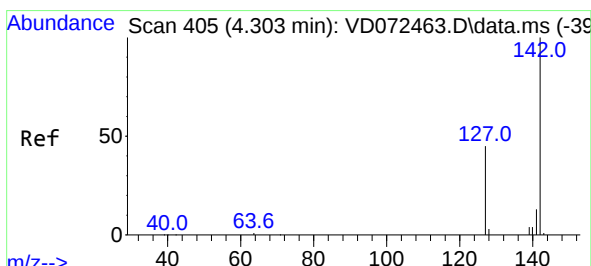
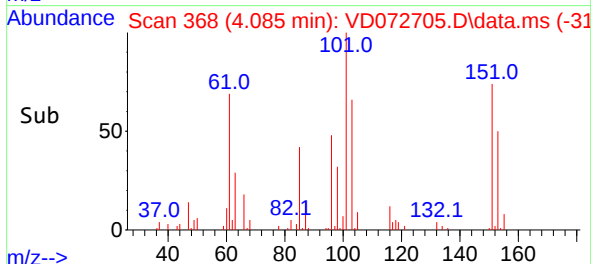
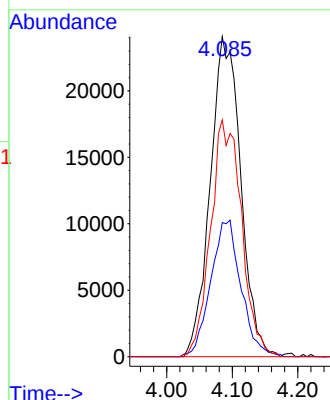
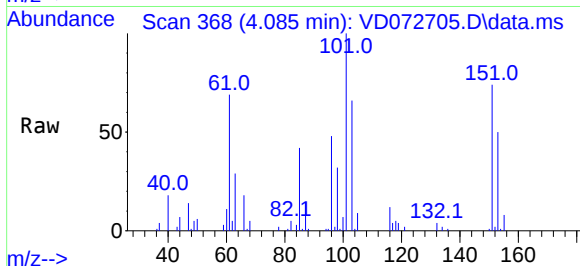
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.607 ug/l
RT: 4.085 min Scan# 30
Delta R.T. -0.012 min
Lab File: VD072705.D
Acq: 25 Apr 2022 13:34

Instrument :
MSVOA_D
ClientSampleId :
VD0425SBS02

Tgt Ion:101 Resp: 77870
Ion Ratio Lower Upper
101 100
85 42.3 36.4 54.6
151 74.9 57.3 85.9

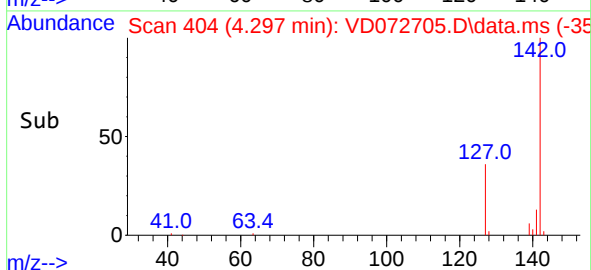
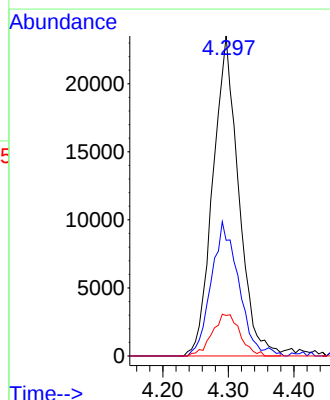
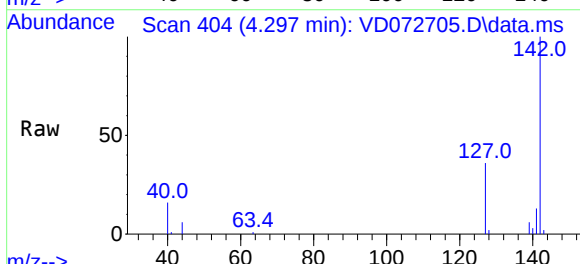
Manual Integrations
APPROVED

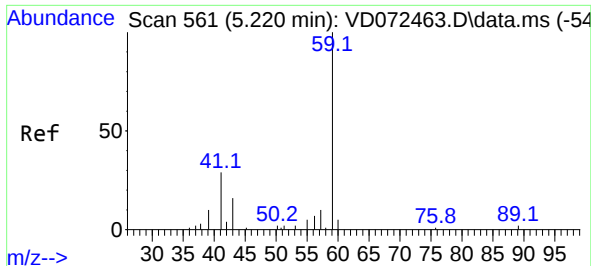
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#10
Methyl Iodide
Concen: 20.541 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD072705.D
Acq: 25 Apr 2022 13:34

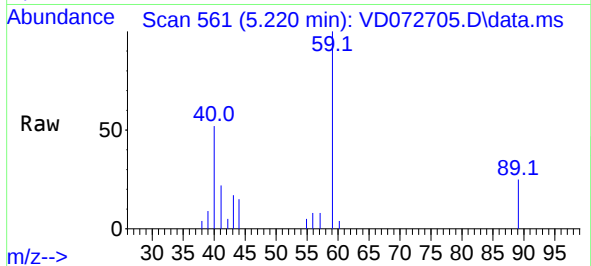
Tgt Ion:142 Resp: 63991
Ion Ratio Lower Upper
142 100
127 44.1 37.3 55.9
141 14.1 11.7 17.5





#11
Tert butyl alcohol
Concen: 183.806 ug/l
RT: 5.220 min Scan# 50
Delta R.T. -0.000 min
Lab File: VD072705.D
Acq: 25 Apr 2022 13:34

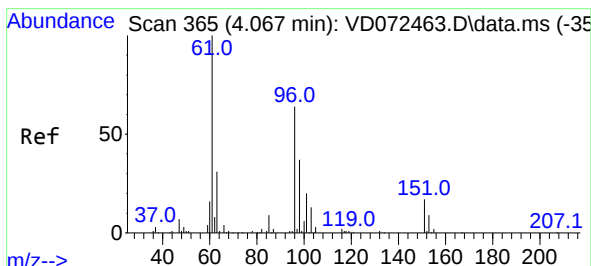
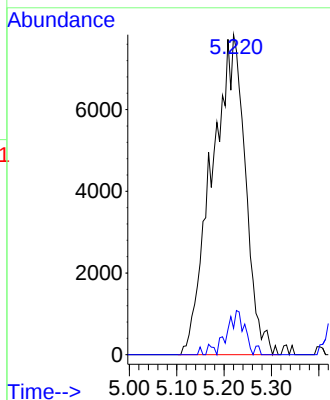
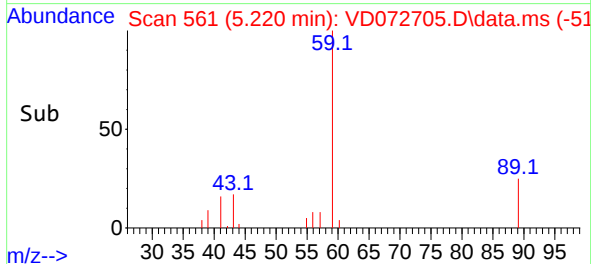
Instrument :
MSVOA_D
ClientSampleId :
VD0425SBSD02



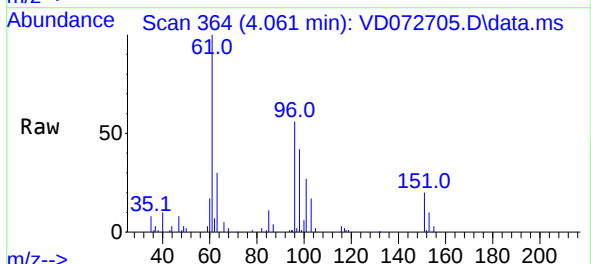
Tgt Ion: 59 Resp: 3862
Ion Ratio Lower Upper
59 100
57 6.8 7.8 11.6

Manual Integrations
APPROVED

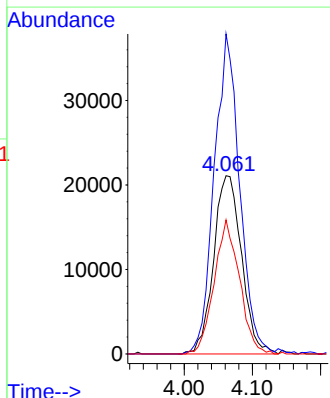
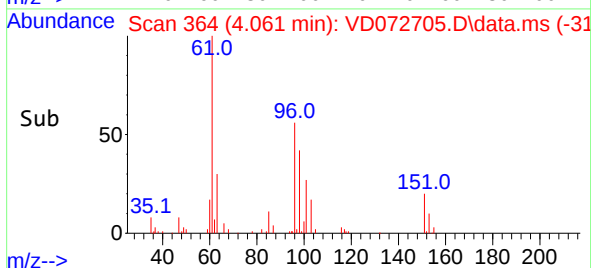
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

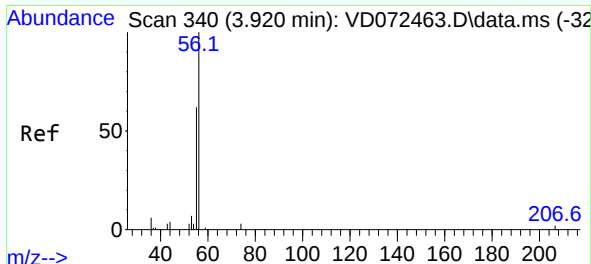


#12
1,1-Dichloroethene
Concen: 20.341 ug/l
RT: 4.061 min Scan# 364
Delta R.T. -0.006 min
Lab File: VD072705.D
Acq: 25 Apr 2022 13:34



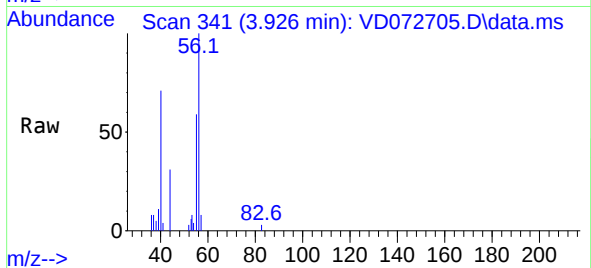
Tgt Ion: 96 Resp: 60097
Ion Ratio Lower Upper
96 100
61 179.5 138.5 207.7
98 75.2 48.6 73.0#





#13
Acrolein
Concen: 129.026 ug/l
RT: 3.926 min Scan# 340
Delta R.T. 0.006 min
Lab File: VD072705.D
Acq: 25 Apr 2022 13:34

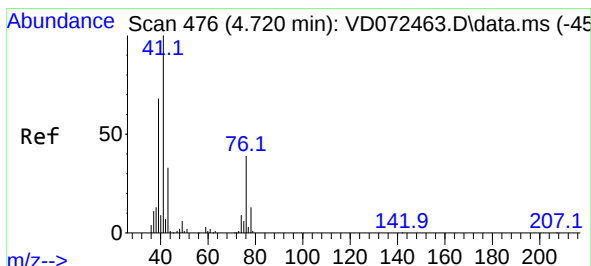
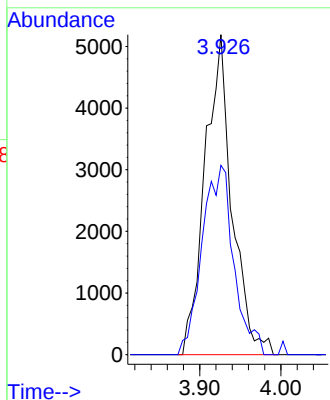
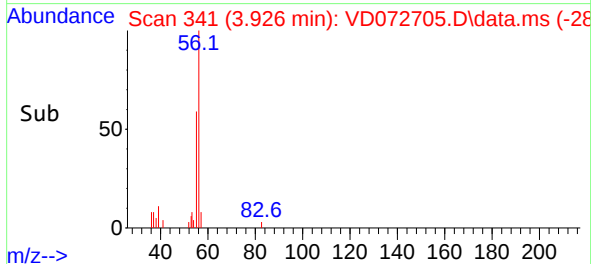
Instrument :
MSVOA_D
ClientSampleId :
VD0425SBS02



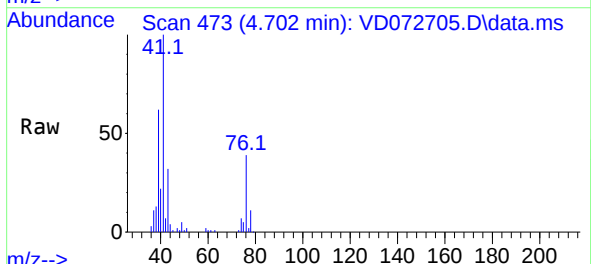
Tgt Ion: 56 Resp: 12032
Ion Ratio Lower Upper
56 100
55 68.8 57.1 85.7

Manual Integrations
APPROVED

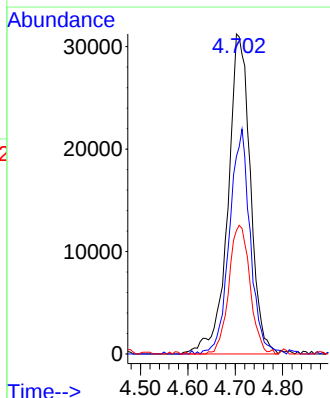
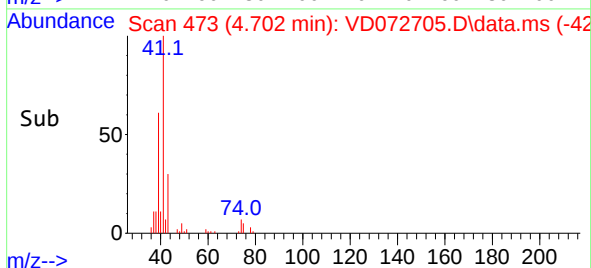
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

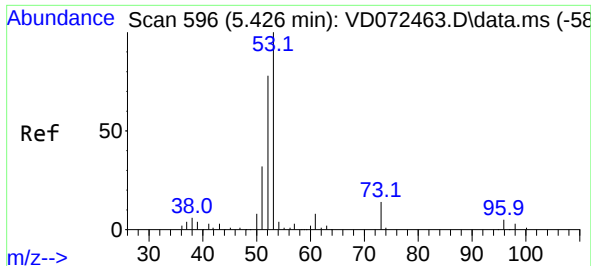


#14
Allyl chloride
Concen: 20.418 ug/l
RT: 4.702 min Scan# 473
Delta R.T. -0.018 min
Lab File: VD072705.D
Acq: 25 Apr 2022 13:34



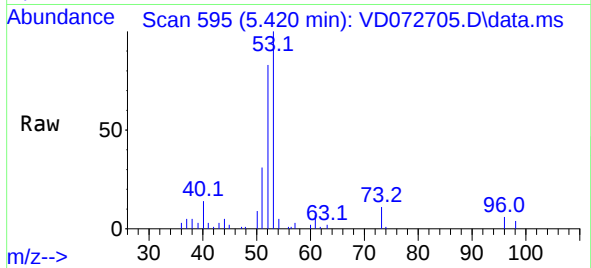
Tgt Ion: 41 Resp: 102396
Ion Ratio Lower Upper
41 100
39 65.2 59.3 88.9
76 38.1 25.7 38.5





#15
Acrylonitrile
Concen: 100.346 ug/l
RT: 5.420 min Scan# 596
Delta R.T. -0.006 min
Lab File: VD072705.D
Acq: 25 Apr 2022 13:34

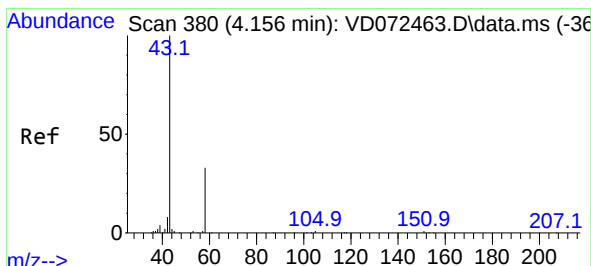
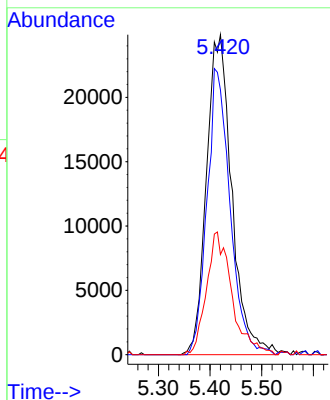
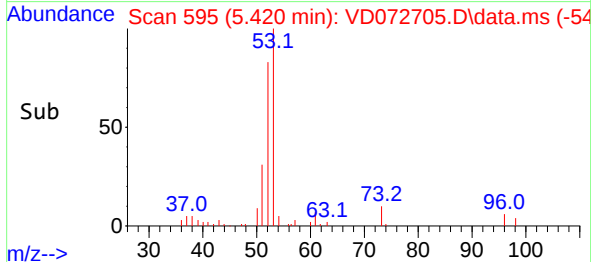
Instrument :
MSVOA_D
ClientSampleId :
VD0425SBS02



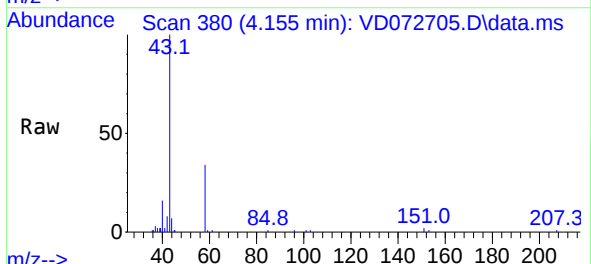
Tgt Ion: 53 Resp: 84500
Ion Ratio Lower Upper
53 100
52 81.7 67.2 100.8
51 38.7 30.3 45.5

Manual Integrations
APPROVED

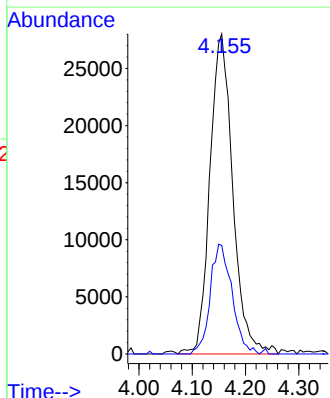
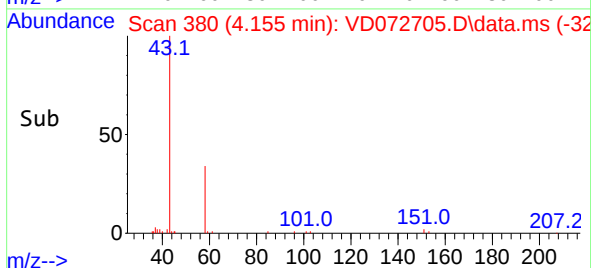
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

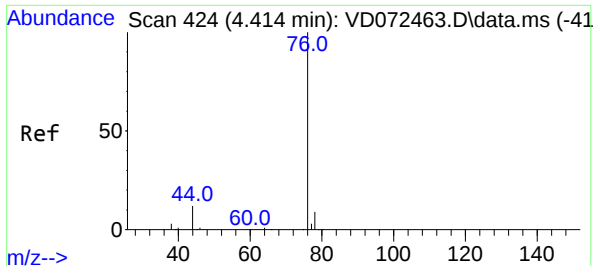


#16
Acetone
Concen: 112.681 ug/l
RT: 4.155 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD072705.D
Acq: 25 Apr 2022 13:34



Tgt Ion: 43 Resp: 83609
Ion Ratio Lower Upper
43 100
58 33.9 22.1 33.1#





#17

Carbon Disulfide

Concen: 20.158 ug/l

RT: 4.408 min Scan# 41

Delta R.T. -0.006 min

Lab File: VD072705.D

Acq: 25 Apr 2022 13:34

Instrument :

MSVOA_D

ClientSampleId :

VD0425SBS02

Tgt Ion: 76 Resp: 114054

Ion Ratio Lower Upper

76 100

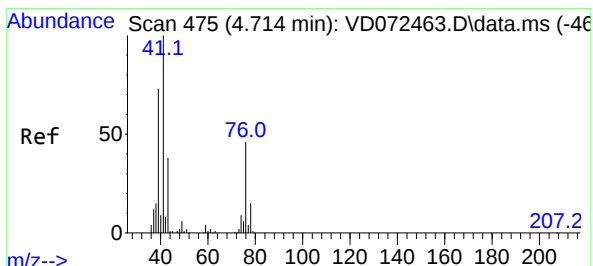
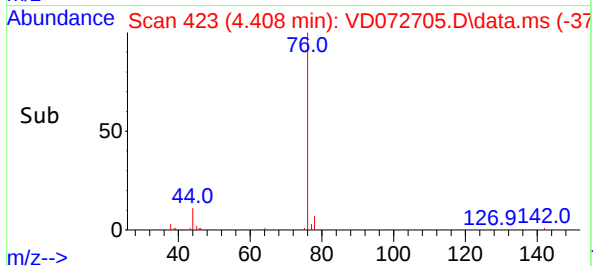
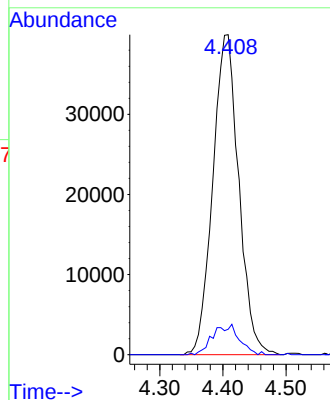
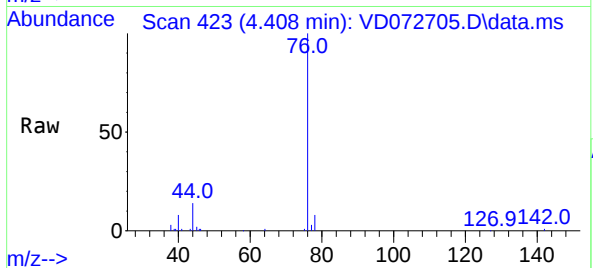
78 7.9 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2022

Supervised By :Mahesh Dadoda 04/26/2022



#18

Methyl Acetate

Concen: 17.485 ug/l

RT: 4.714 min Scan# 475

Delta R.T. -0.000 min

Lab File: VD072705.D

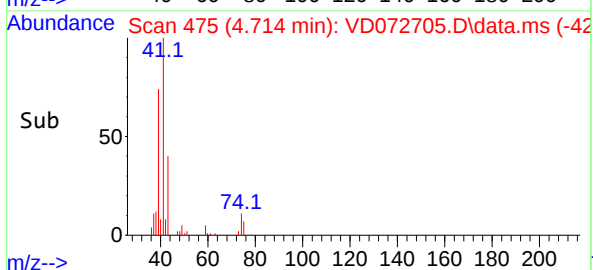
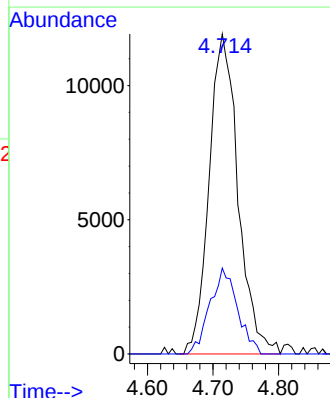
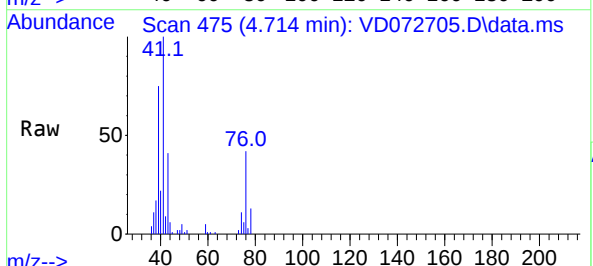
Acq: 25 Apr 2022 13:34

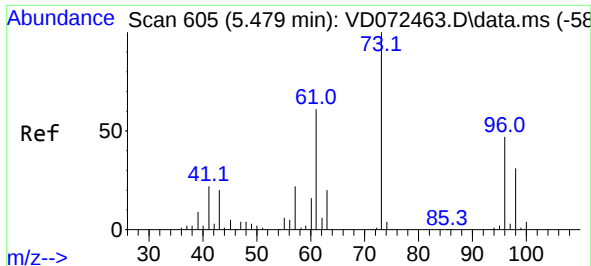
Tgt Ion: 43 Resp: 36550

Ion Ratio Lower Upper

43 100

74 25.5 16.7 25.1#





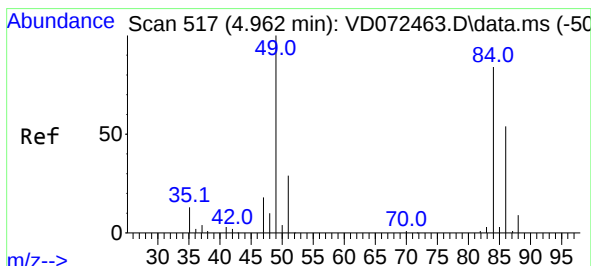
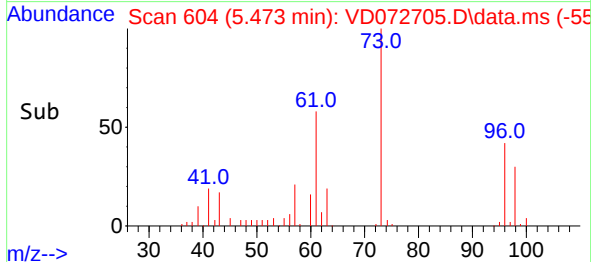
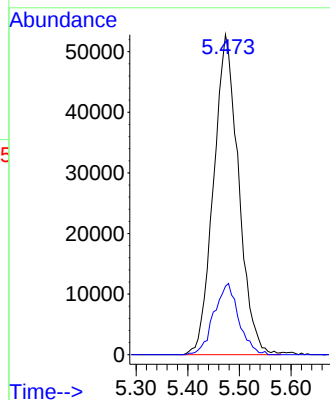
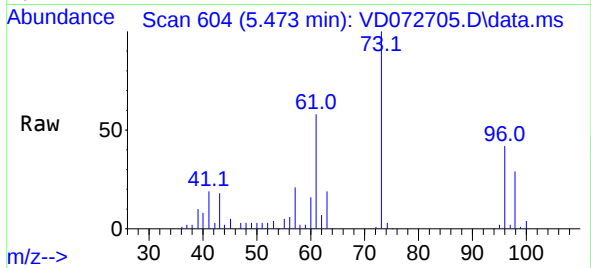
#19
Methyl tert-butyl Ether
Concen: 20.590 ug/l
RT: 5.473 min Scan# 605
Delta R.T. -0.006 min
Lab File: VD072705.D
Acq: 25 Apr 2022 13:34

Instrument :
MSVOA_D
ClientSampleId :
VD0425SBS02

Tgt Ion: 73 Resp: 177562
Ion Ratio Lower Upper
73 100
57 21.4 18.0 27.0

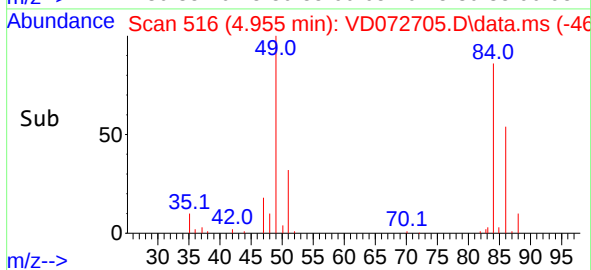
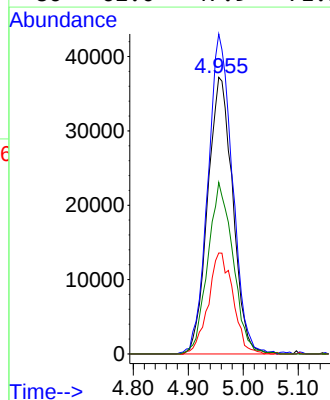
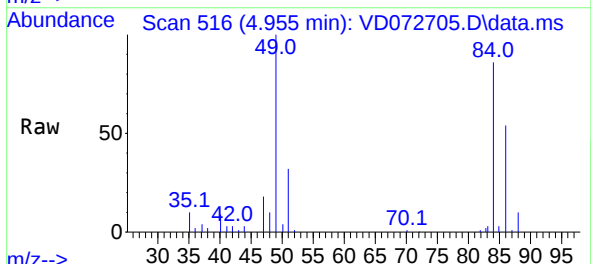
Manual Integrations
APPROVED

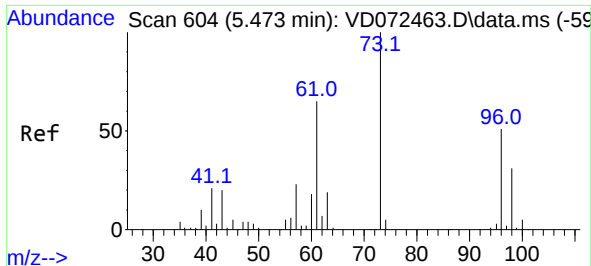
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#20
Methylene Chloride
Concen: 26.593 ug/l
RT: 4.955 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD072705.D
Acq: 25 Apr 2022 13:34

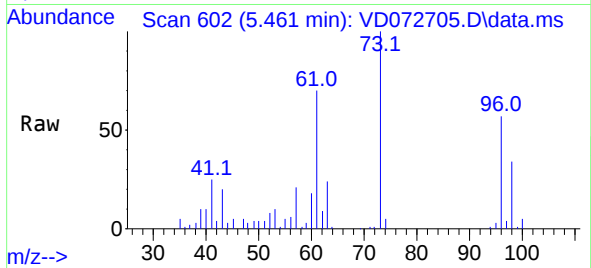
Tgt Ion: 84 Resp: 117468
Ion Ratio Lower Upper
84 100
49 115.2 112.8 169.2
51 36.5 32.6 48.8
86 62.0 47.9 71.9





#21
trans-1,2-Dichloroethene
Concen: 20.460 ug/l
RT: 5.461 min Scan# 604
Delta R.T. -0.012 min
Lab File: VD072705.D
Acq: 25 Apr 2022 13:34

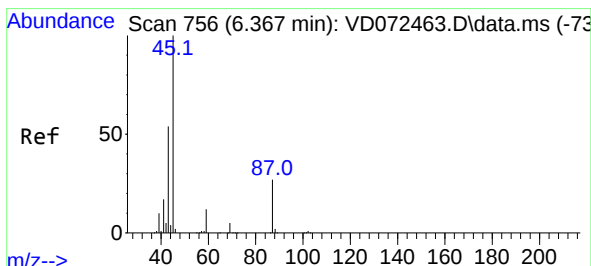
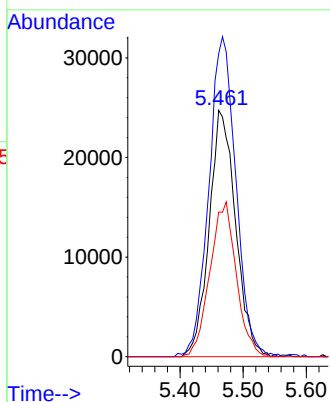
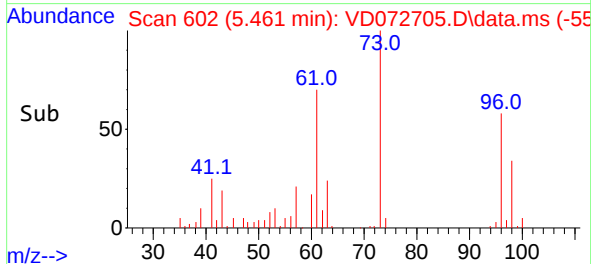
Instrument :
MSVOA_D
ClientSampleId :
VD0425SBSD02



Tgt Ion: 96 Resp: 72150
Ion Ratio Lower Upper
96 100
61 121.9 117.9 176.9
98 58.7 49.4 74.2

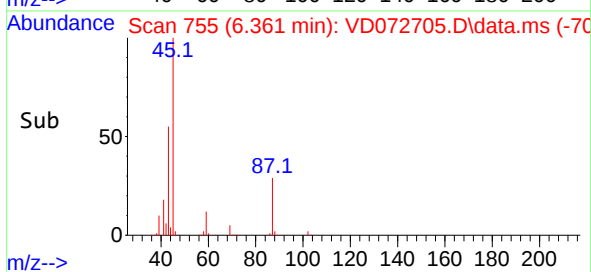
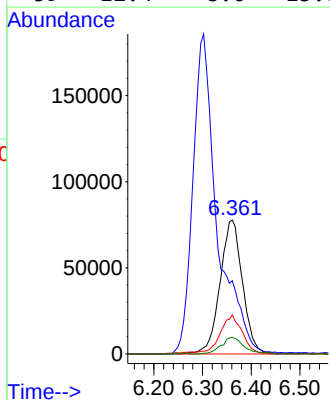
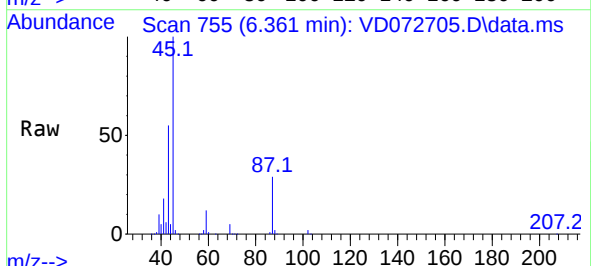
Manual Integrations
APPROVED

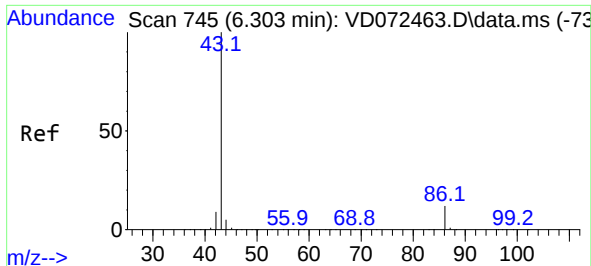
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#22
Diisopropyl ether
Concen: 20.967 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD072705.D
Acq: 25 Apr 2022 13:34

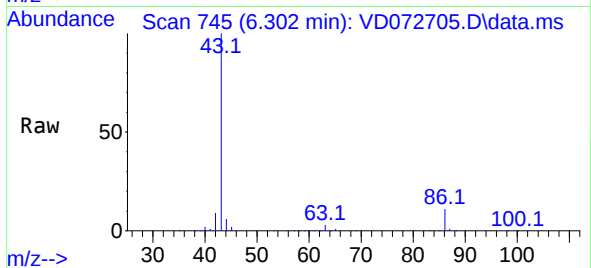
Tgt Ion: 45 Resp: 248893
Ion Ratio Lower Upper
45 100
43 53.8 46.6 70.0
87 29.1 18.4 27.6#
59 12.4 8.6 13.0





#23
 Vinyl Acetate
 Concen: 104.656 ug/l
 RT: 6.302 min Scan# 745
 Delta R.T. -0.001 min
 Lab File: VD072705.D
 Acq: 25 Apr 2022 13:34

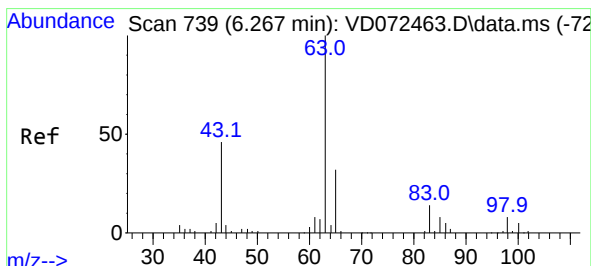
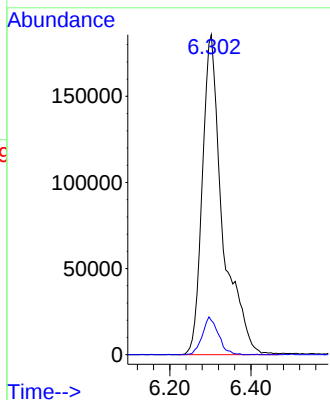
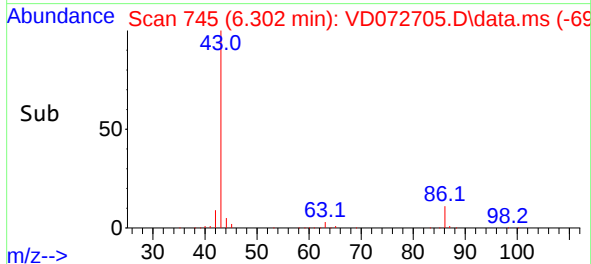
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0425SBSD02



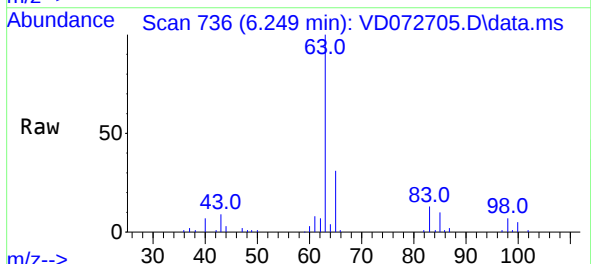
Tgt Ion: 43 Resp: 644250
 Ion Ratio Lower Upper
 43 100
 86 10.7 7.1 10.7

Manual Integrations
 APPROVED

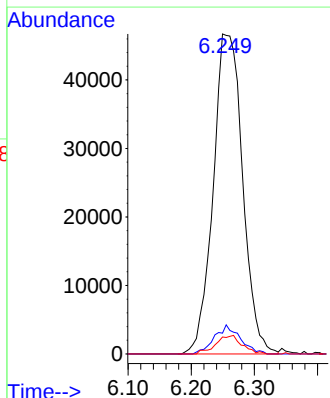
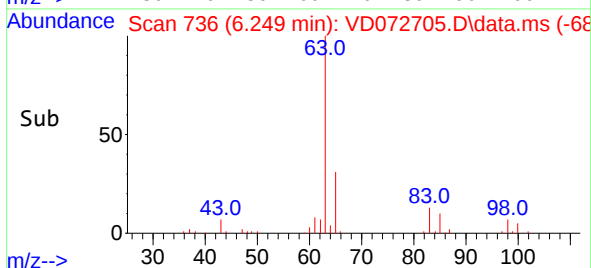
Reviewed By :John Carlone 04/26/2022
 Supervised By :Mahesh Dadoda 04/26/2022

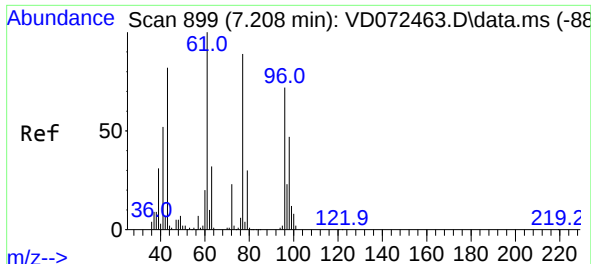


#24
 1,1-Dichloroethane
 Concen: 21.153 ug/l
 RT: 6.249 min Scan# 736
 Delta R.T. -0.018 min
 Lab File: VD072705.D
 Acq: 25 Apr 2022 13:34



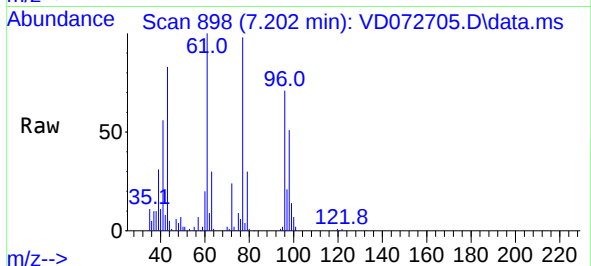
Tgt Ion: 63 Resp: 151310
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.6 10.9
 100 5.3 2.1 6.5





#25
2-Butanone
Concen: 105.439 ug/l
RT: 7.202 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD072705.D
Acq: 25 Apr 2022 13:34

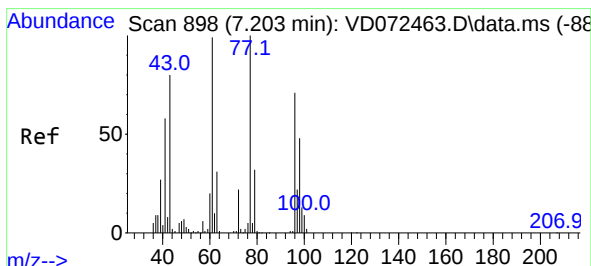
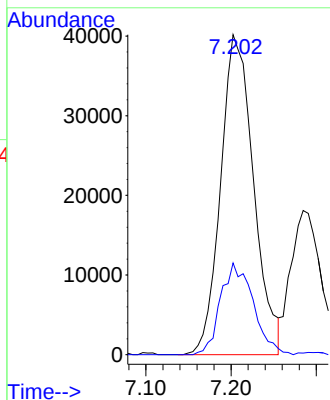
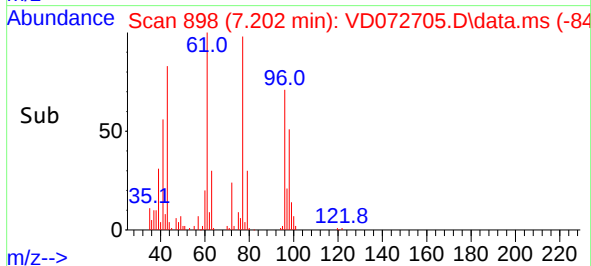
Instrument :
MSVOA_D
ClientSampleId :
VD0425SBSD02



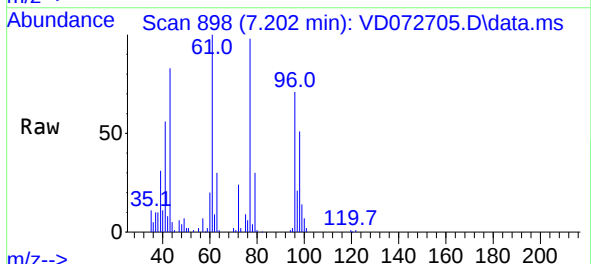
Tgt Ion: 43 Resp: 10820
Ion Ratio Lower Upper
43 100
72 28.7 18.6 27.8

Manual Integrations
APPROVED

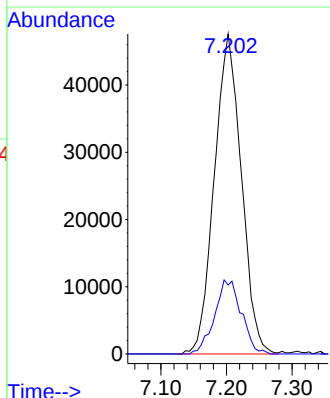
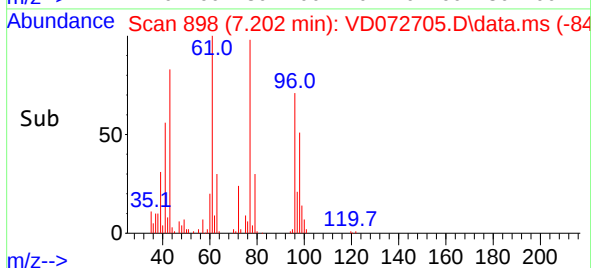
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

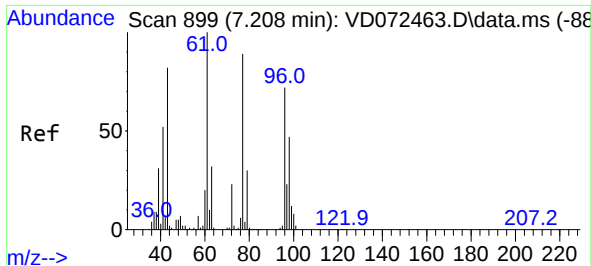


#26
2,2-Dichloropropane
Concen: 21.429 ug/l
RT: 7.202 min Scan# 898
Delta R.T. -0.000 min
Lab File: VD072705.D
Acq: 25 Apr 2022 13:34



Tgt Ion: 77 Resp: 136151
Ion Ratio Lower Upper
77 100
97 22.9 10.8 32.4





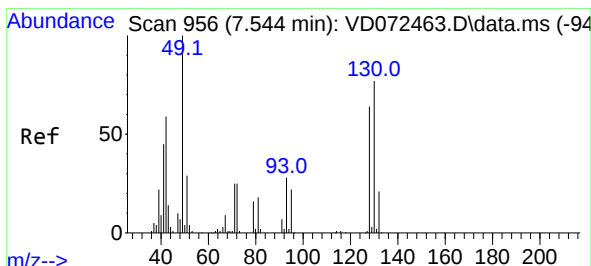
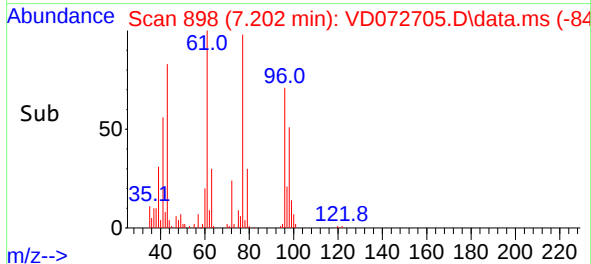
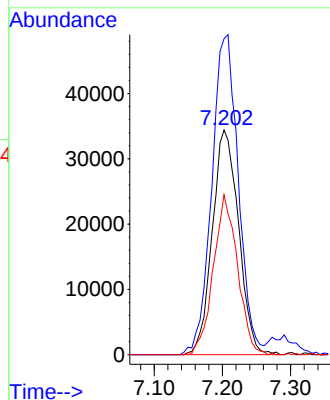
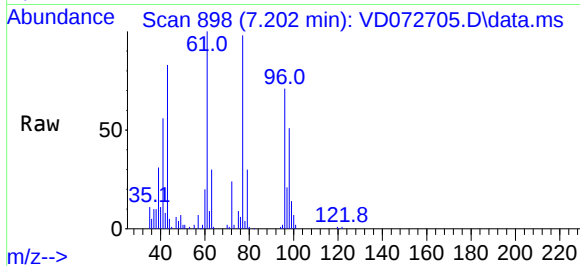
#27
cis-1,2-Dichloroethene
Concen: 20.597 ug/l
RT: 7.202 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD072705.D
Acq: 25 Apr 2022 13:34

Instrument :
MSVOA_D
ClientSampleId :
VD0425SBSD02

Tgt Ion: 96 Resp: 92397
Ion Ratio Lower Upper
96 100
61 143.7 0.0 313.8
98 65.5 0.0 128.8

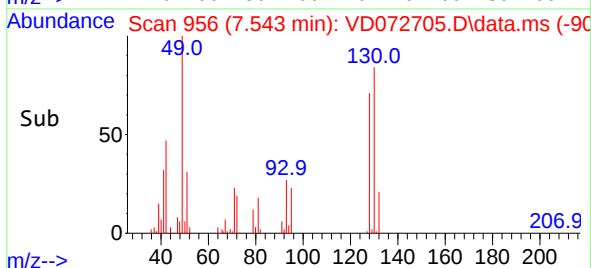
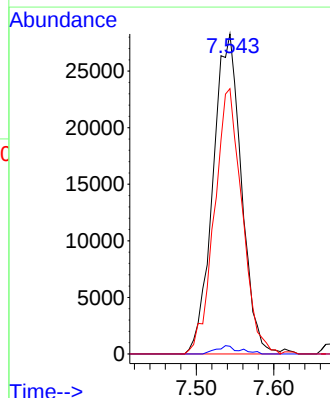
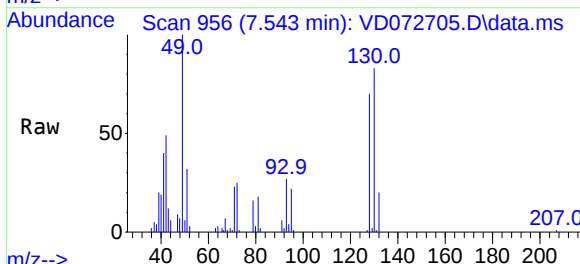
Manual Integrations
APPROVED

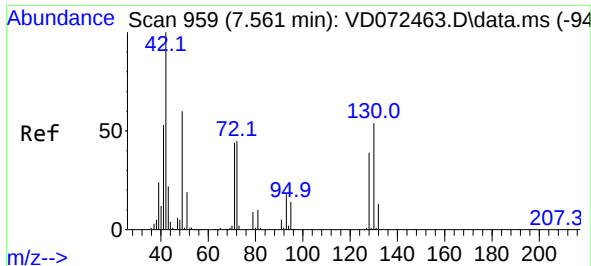
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#28
Bromochloromethane
Concen: 23.567 ug/l
RT: 7.543 min Scan# 956
Delta R.T. -0.000 min
Lab File: VD072705.D
Acq: 25 Apr 2022 13:34

Tgt Ion: 49 Resp: 72231
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.0
130 81.0 52.6 79.0#





#29

Tetrahydrofuran

Concen: 99.903 ug/l

RT: 7.555 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD072705.D

Acq: 25 Apr 2022 13:34

Instrument :

MSVOA_D

ClientSampleId :

VD0425SBSD02

Tgt Ion: 42 Resp: 61890

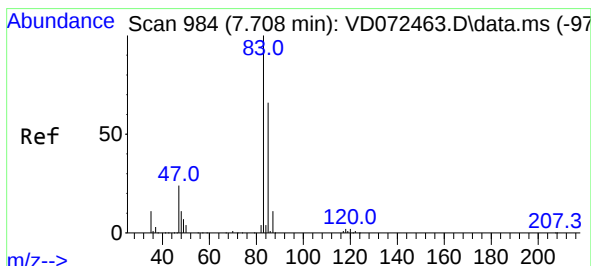
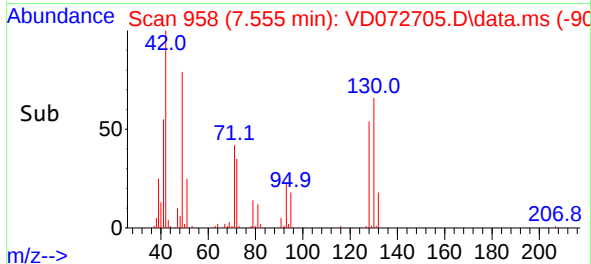
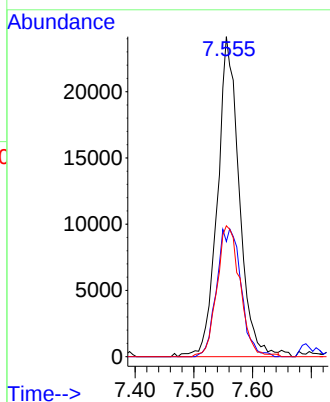
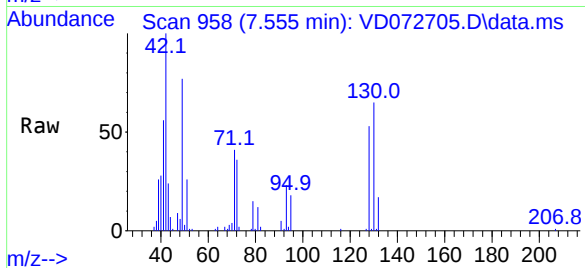
Ion	Ratio	Lower	Upper
42	100		
72	45.0	30.7	46.1
71	43.6	28.6	43.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2022

Supervised By :Mahesh Dadoda 04/26/2022



#30

Chloroform

Concen: 21.269 ug/l

RT: 7.702 min Scan# 983

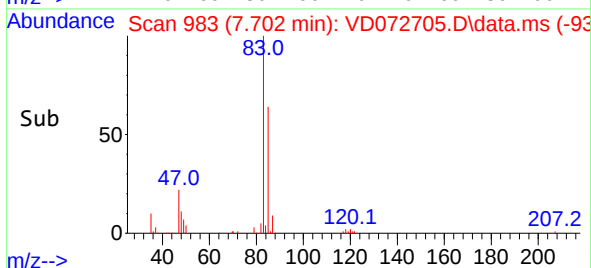
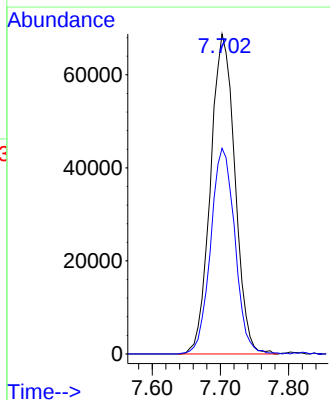
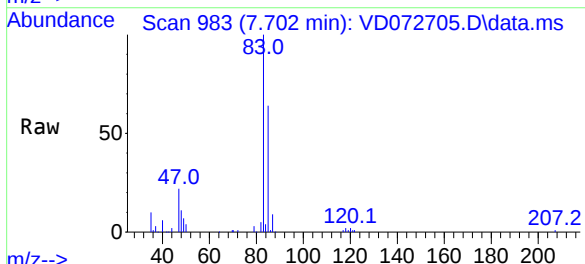
Delta R.T. -0.006 min

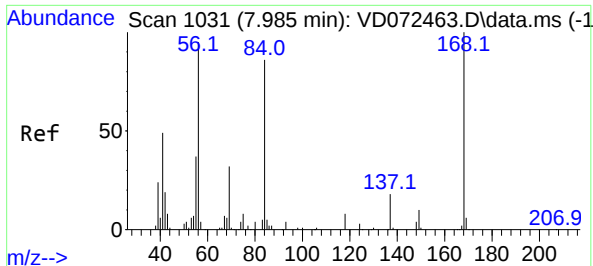
Lab File: VD072705.D

Acq: 25 Apr 2022 13:34

Tgt Ion: 83 Resp: 171141

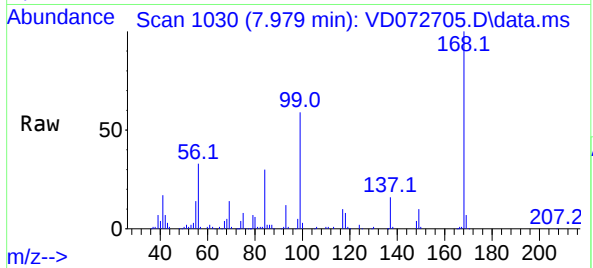
Ion	Ratio	Lower	Upper
83	100		
85	64.2	52.7	79.1





#31
Cyclohexane
Concen: 20.532 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072705.D
Acq: 25 Apr 2022 13:34

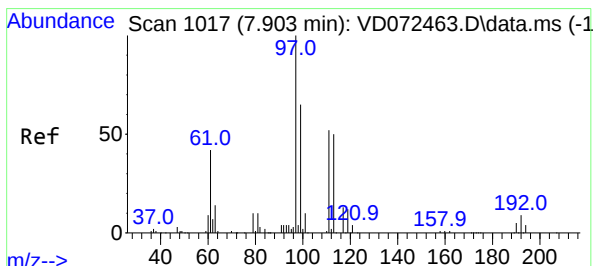
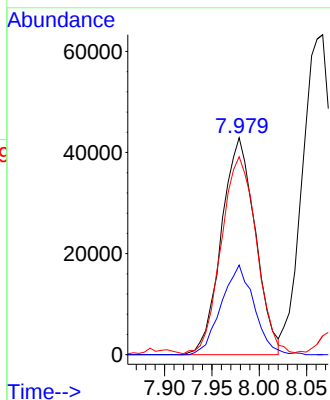
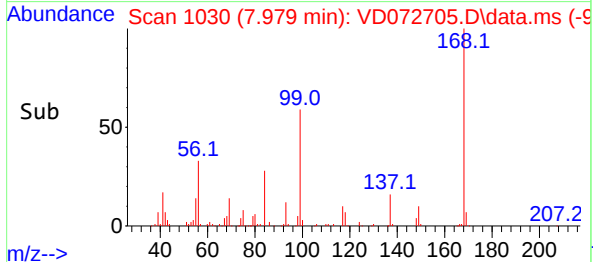
Instrument :
MSVOA_D
ClientSampleId :
VD0425SBS02



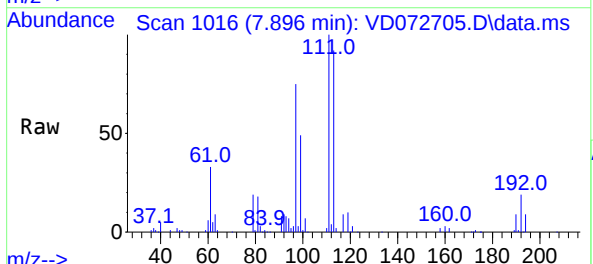
Tgt Ion: 56 Resp: 10683
Ion Ratio Lower Upper
56 100
69 41.3 25.4 38.2
84 90.2 63.0 94.4

Manual Integrations
APPROVED

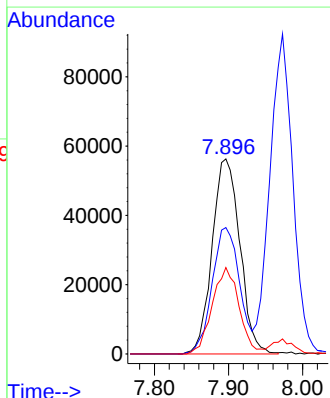
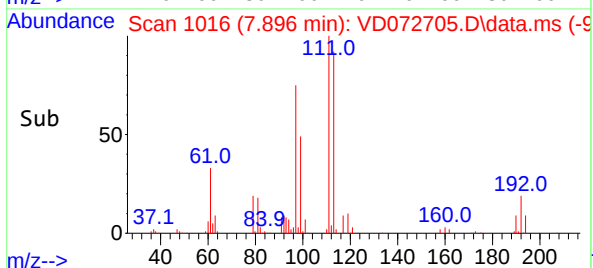
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

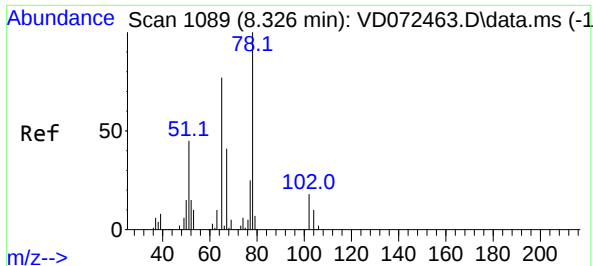


#32
1,1,1-Trichloroethane
Concen: 21.453 ug/l
RT: 7.896 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VD072705.D
Acq: 25 Apr 2022 13:34



Tgt Ion: 97 Resp: 146410
Ion Ratio Lower Upper
97 100
99 64.1 52.4 78.6
61 43.1 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 52.560 ug/l

RT: 8.320 min Scan# 1107

Delta R.T. -0.006 min

Lab File: VD072705.D

Acq: 25 Apr 2022 13:34

Instrument :

MSVOA_D

ClientSampleId :

VD0425SBS02

Tgt Ion: 65 Resp: 20914

Ion Ratio Lower Upper

65 100

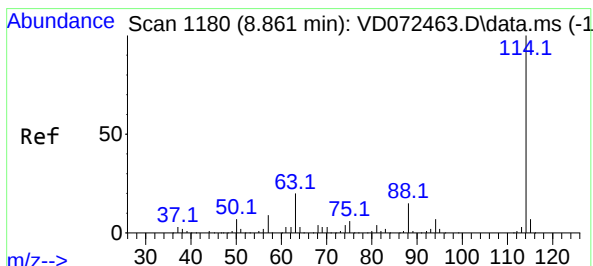
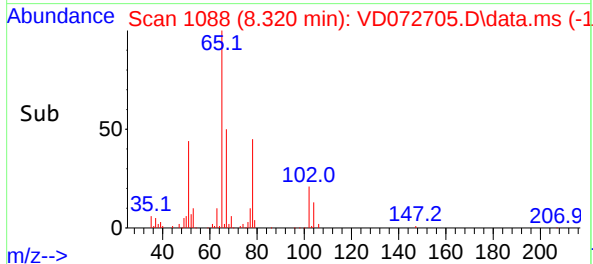
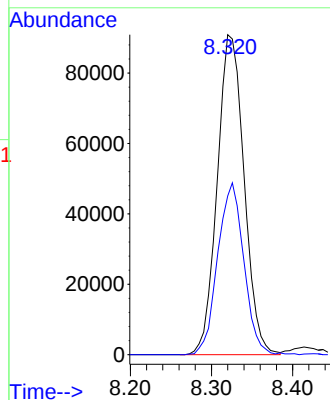
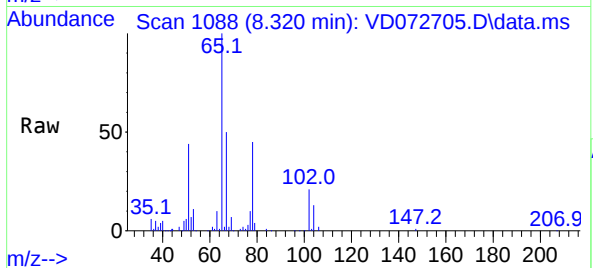
67 52.3 0.0 101.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2022

Supervised By :Mahesh Dadoda 04/26/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD072705.D

Acq: 25 Apr 2022 13:34

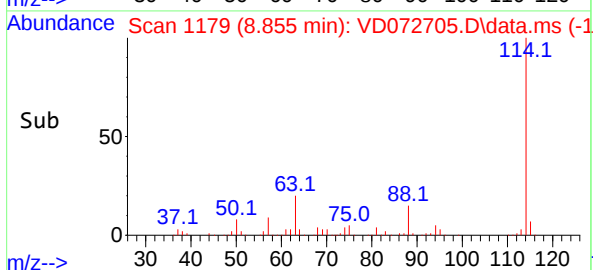
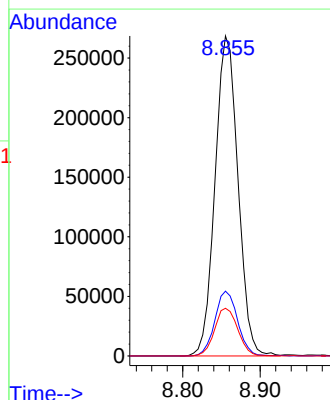
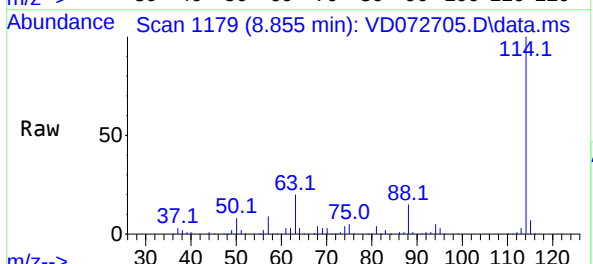
Tgt Ion:114 Resp: 552194

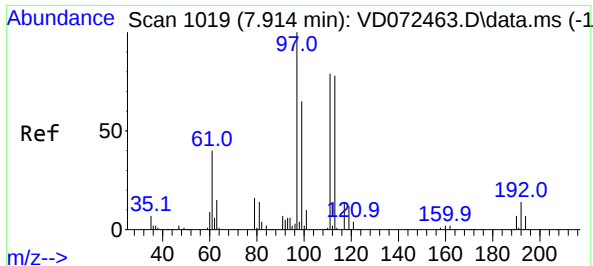
Ion Ratio Lower Upper

114 100

63 20.2 0.0 46.6

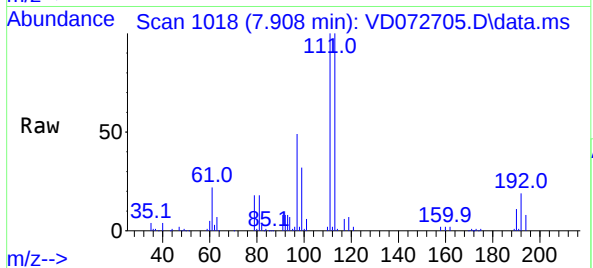
88 14.9 0.0 33.2





#35
Dibromofluoromethane
Concen: 51.604 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD072705.D
Acq: 25 Apr 2022 13:34

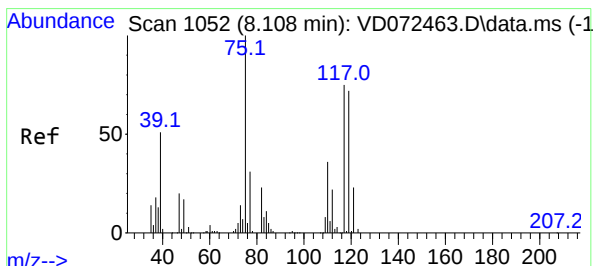
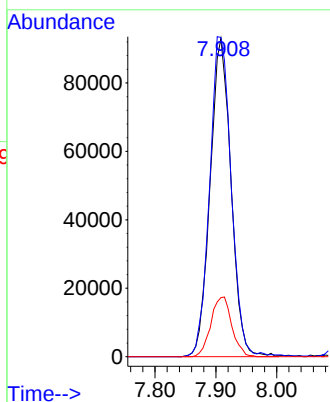
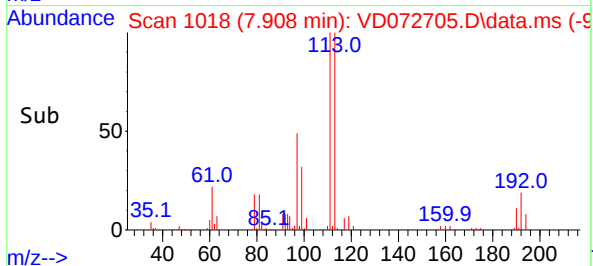
Instrument :
MSVOA_D
ClientSampleId :
VD0425SBS02



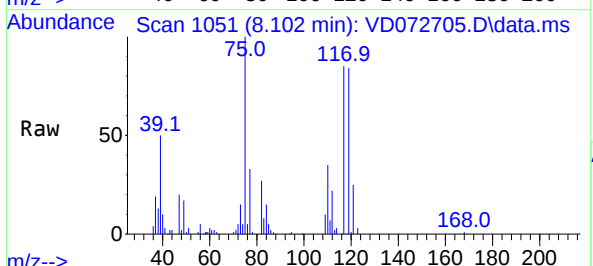
Tgt Ion: 113 Resp: 221450
Ion Ratio Lower Upper
113 100
111 103.3 83.8 125.6
192 18.8 14.6 21.8

Manual Integrations
APPROVED

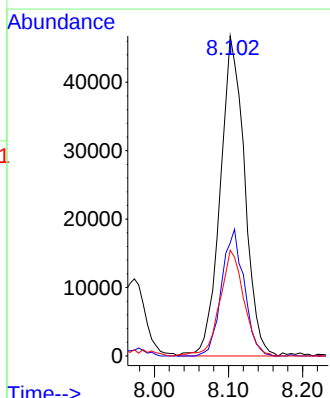
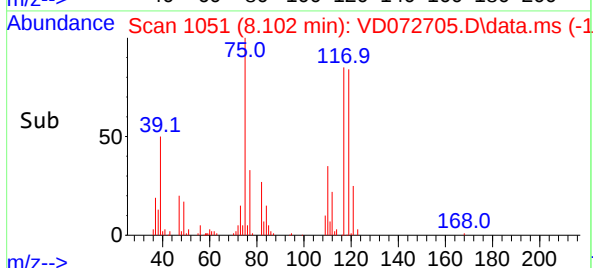
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

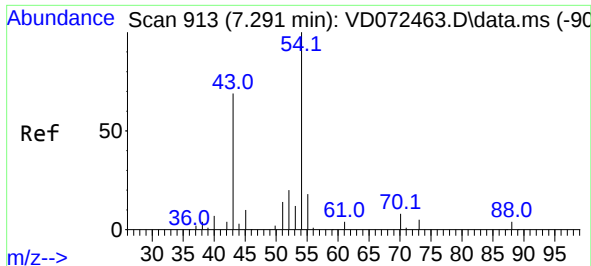


#36
1,1-Dichloropropene
Concen: 20.156 ug/l
RT: 8.102 min Scan# 1051
Delta R.T. -0.006 min
Lab File: VD072705.D
Acq: 25 Apr 2022 13:34



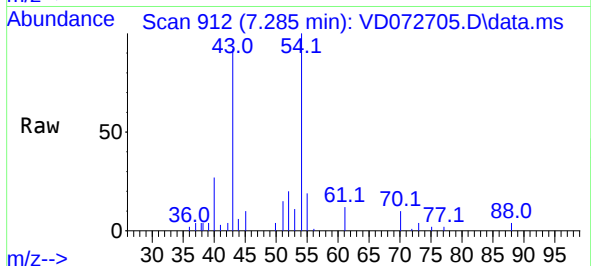
Tgt Ion: 75 Resp: 106773
Ion Ratio Lower Upper
75 100
110 36.5 16.4 49.1
77 32.7 24.2 36.2





#37
Ethyl Acetate
Concen: 18.914 ug/l
RT: 7.285 min Scan# 913
Delta R.T. -0.006 min
Lab File: VD072705.D
Acq: 25 Apr 2022 13:34

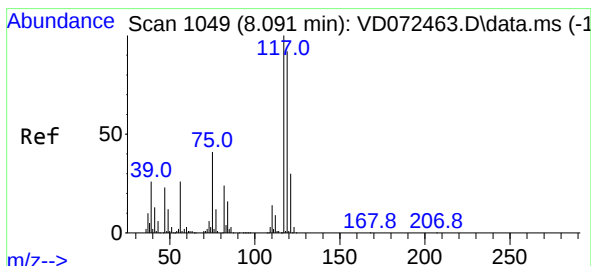
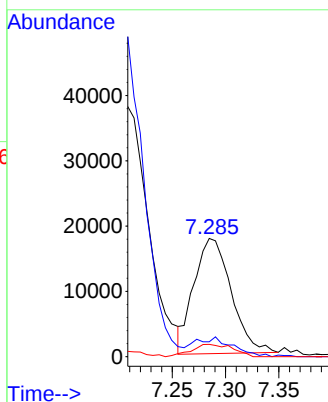
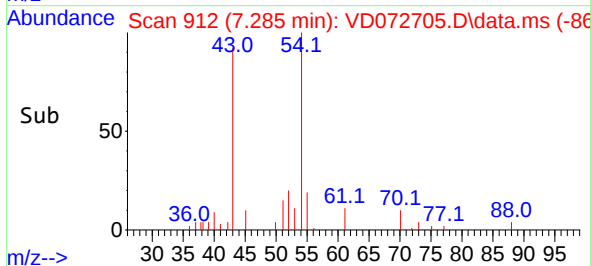
Instrument :
MSVOA_D
ClientSampleId :
VD0425SBS02



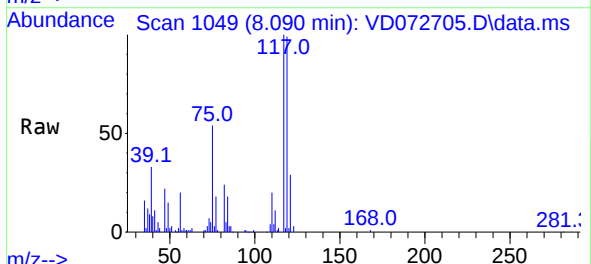
Tgt Ion: 43 Resp: 43000
Ion Ratio Lower Upper
43 100
61 17.1 9.8 14.8
70 11.8 6.9 10.3

Manual Integrations
APPROVED

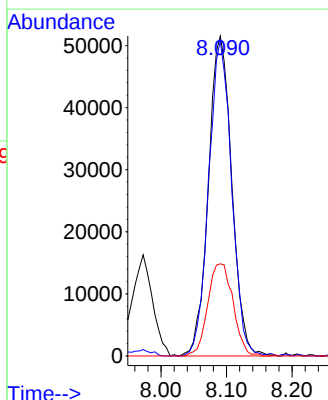
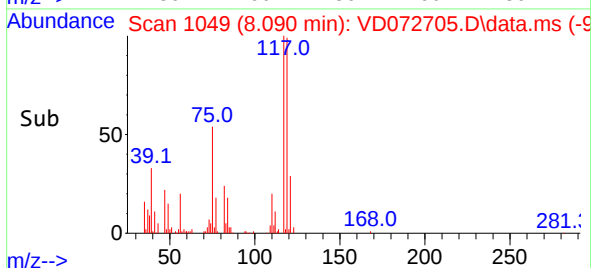
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

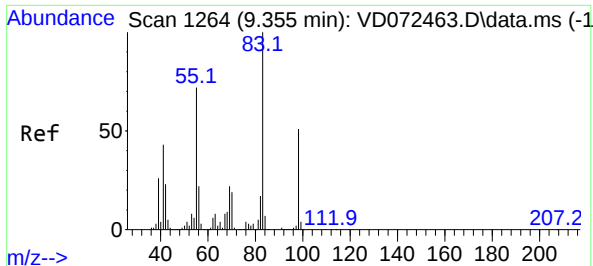


#38
Carbon Tetrachloride
Concen: 21.536 ug/l
RT: 8.090 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VD072705.D
Acq: 25 Apr 2022 13:34



Tgt Ion:117 Resp: 127318
Ion Ratio Lower Upper
117 100
119 98.5 75.8 113.6
121 28.8 24.5 36.7





#39

Methylcyclohexane

Concen: 19.198 ug/l

RT: 9.349 min Scan# 110599

Delta R.T. -0.006 min

Lab File: VD072705.D

Acq: 25 Apr 2022 13:34

Instrument :

MSVOA_D

ClientSampleId :

VD0425SBSD02

Tgt Ion: 83 Resp: 110599

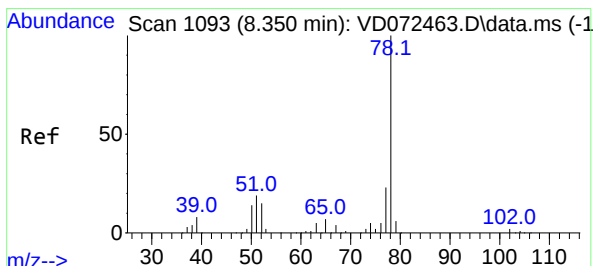
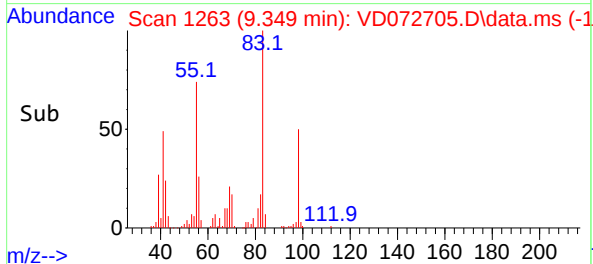
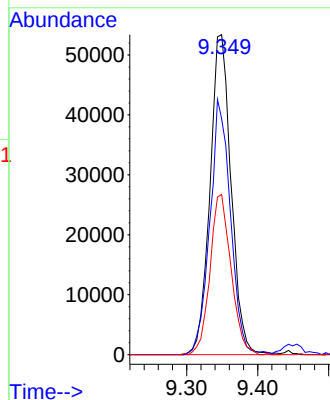
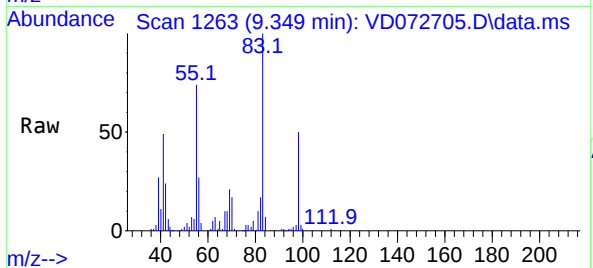
Ion	Ratio	Lower	Upper
83	100		
55	73.7	63.2	94.8
98	50.1	38.2	57.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2022

Supervised By :Mahesh Dadoda 04/26/2022



#40

Benzene

Concen: 21.424 ug/l

RT: 8.343 min Scan# 1092

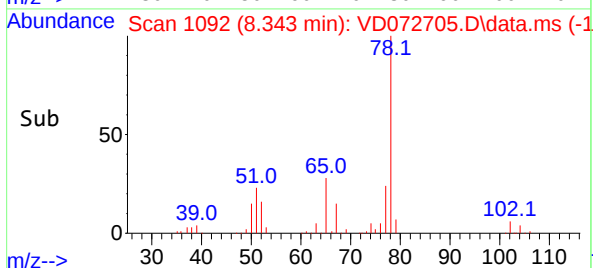
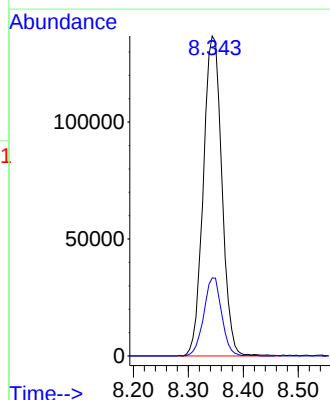
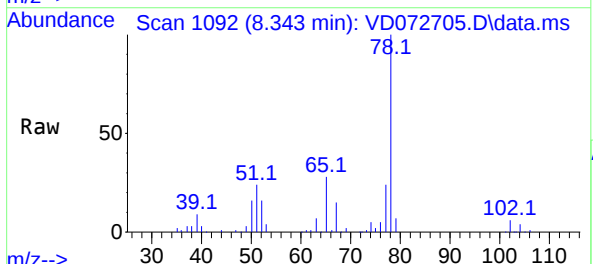
Delta R.T. -0.006 min

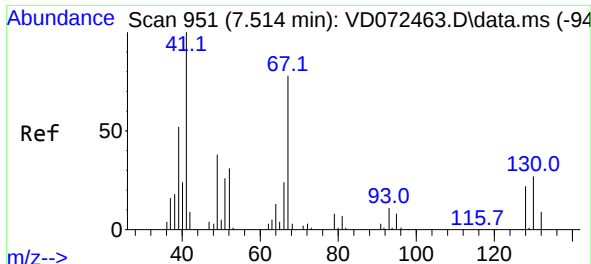
Lab File: VD072705.D

Acq: 25 Apr 2022 13:34

Tgt Ion: 78 Resp: 321076

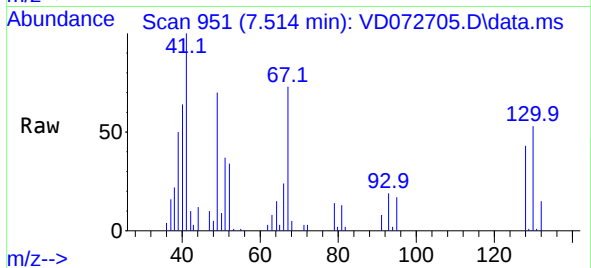
Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.1	28.7





#41
Methacrylonitrile
Concen: 18.858 ug/l
RT: 7.514 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD072705.D
Acq: 25 Apr 2022 13:34

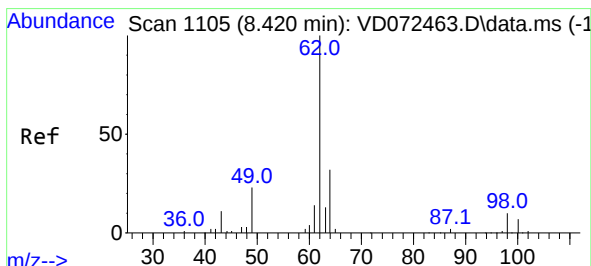
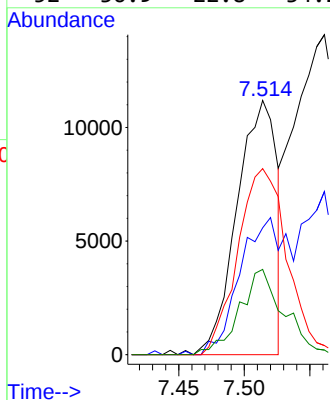
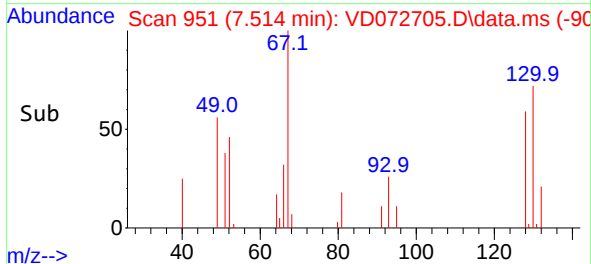
Instrument :
MSVOA_D
ClientSampleId :
VD0425SBS02



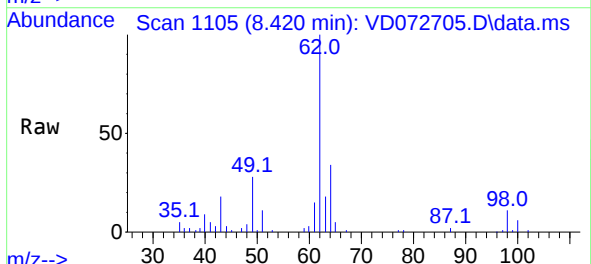
Tgt Ion: 41 Resp: 23640
Ion Ratio Lower Upper
41 100
39 66.0 44.6 67.0
67 91.0 48.2 72.4
52 36.9 22.8 34.2

Manual Integrations
APPROVED

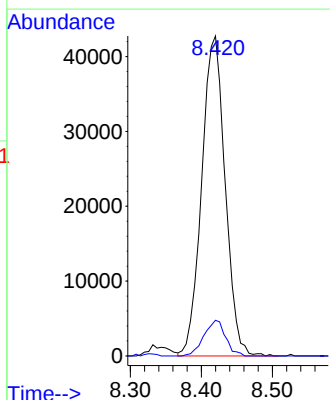
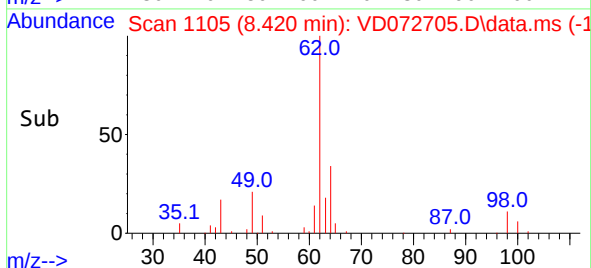
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

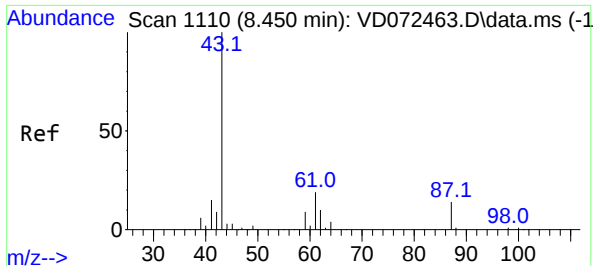


#42
1,2-Dichloroethane
Concen: 21.420 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VD072705.D
Acq: 25 Apr 2022 13:34



Tgt Ion: 62 Resp: 98119
Ion Ratio Lower Upper
62 100
98 10.3 0.0 17.6





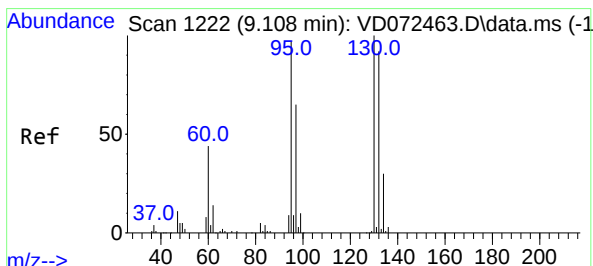
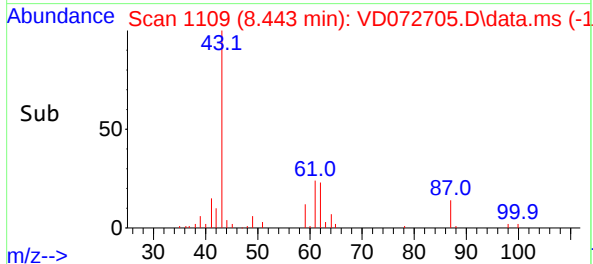
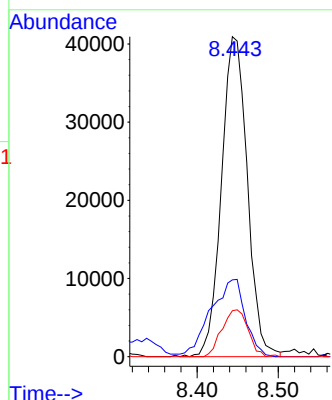
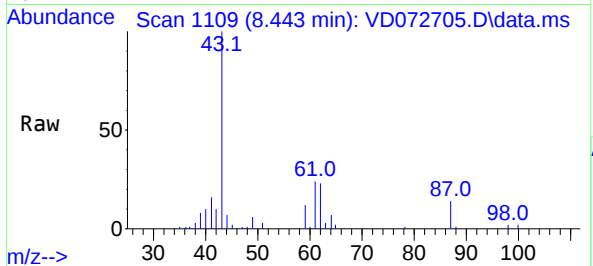
#43
Isopropyl Acetate
Concen: 20.793 ug/l
RT: 8.443 min Scan# 1110
Delta R.T. -0.006 min
Lab File: VD072705.D
Acq: 25 Apr 2022 13:34

Instrument :
MSVOA_D
ClientSampleId :
VD0425SBSD02

Tgt Ion: 43 Resp: 90692
Ion Ratio Lower Upper
43 100
61 32.2 22.4 33.6
87 14.9 8.7 13.1

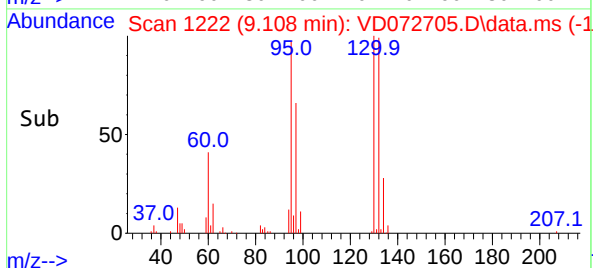
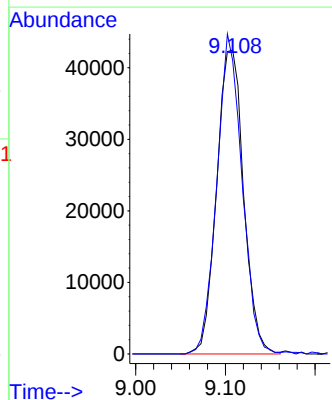
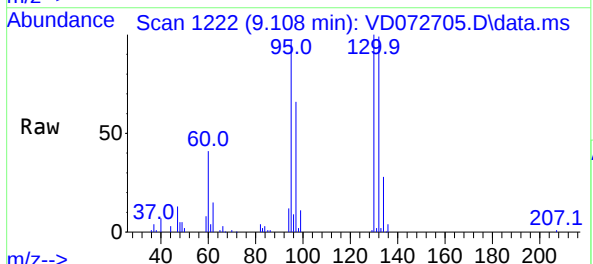
Manual Integrations
APPROVED

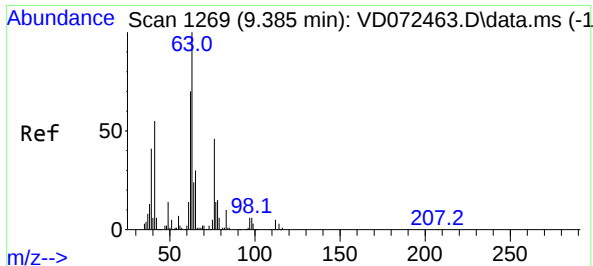
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#44
Trichloroethene
Concen: 20.837 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD072705.D
Acq: 25 Apr 2022 13:34

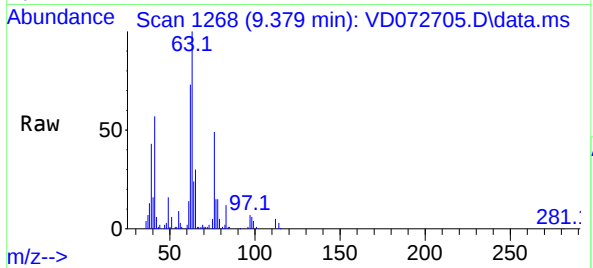
Tgt Ion:130 Resp: 88658
Ion Ratio Lower Upper
130 100
95 96.6 0.0 205.4





#45
1,2-Dichloropropane
Concen: 20.956 ug/l
RT: 9.379 min Scan# 1268
Delta R.T. -0.006 min
Lab File: VD072705.D
Acq: 25 Apr 2022 13:34

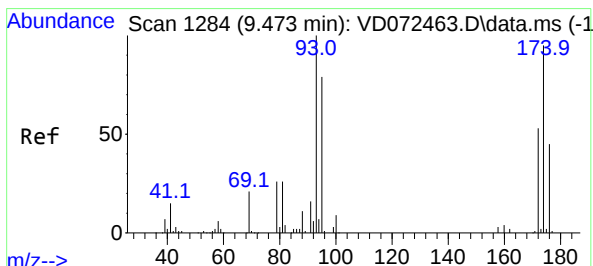
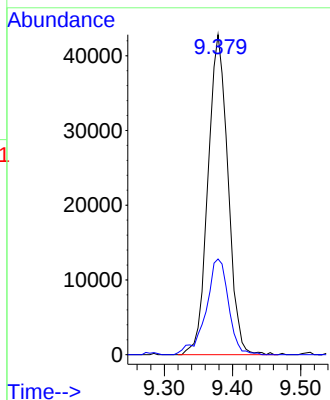
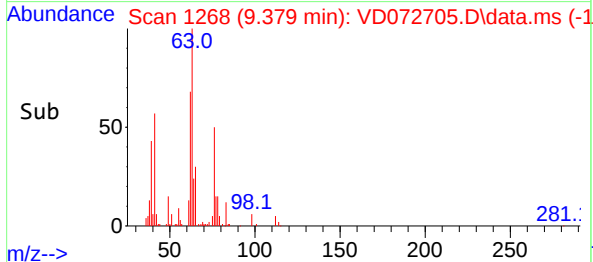
Instrument :
MSVOA_D
ClientSampleId :
VD0425SBS02



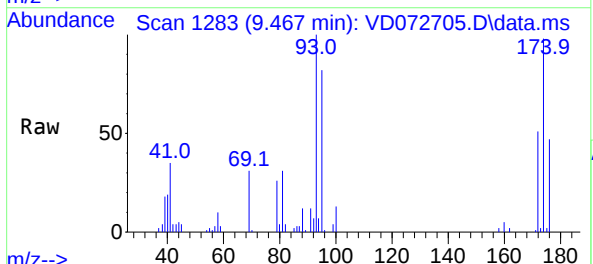
Tgt Ion: 63 Resp: 8736
Ion Ratio Lower Upper
63 100
65 29.9 26.2 39.4

Manual Integrations
APPROVED

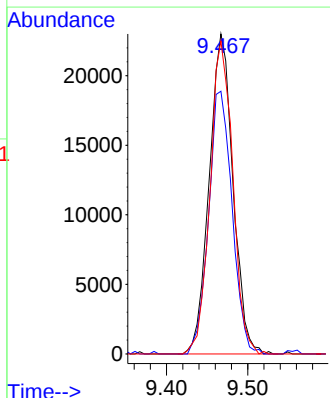
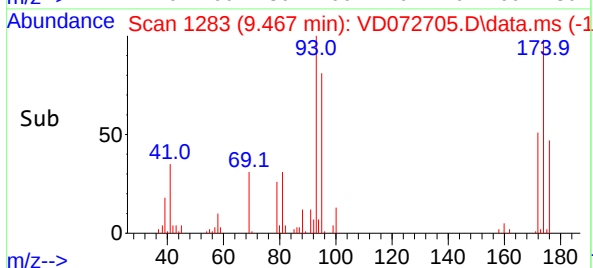
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

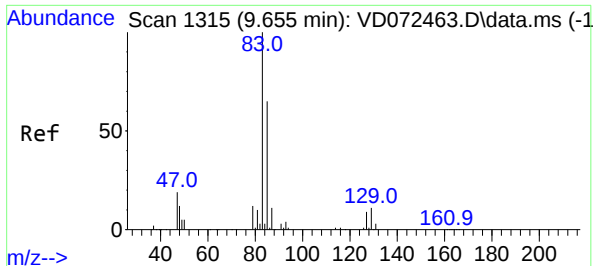


#46
Dibromomethane
Concen: 21.428 ug/l
RT: 9.467 min Scan# 1283
Delta R.T. -0.006 min
Lab File: VD072705.D
Acq: 25 Apr 2022 13:34



Tgt Ion: 93 Resp: 46868
Ion Ratio Lower Upper
93 100
95 81.1 66.7 100.1
174 93.4 71.6 107.4





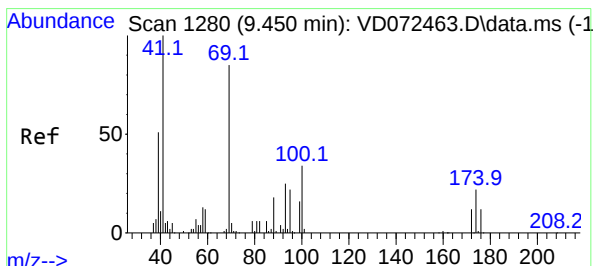
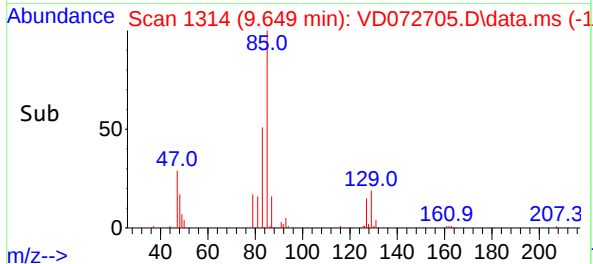
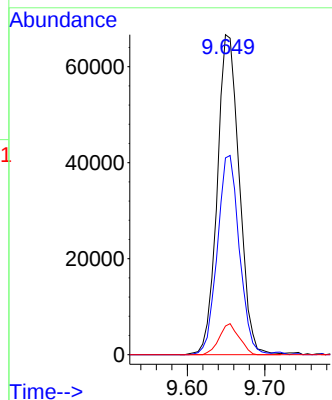
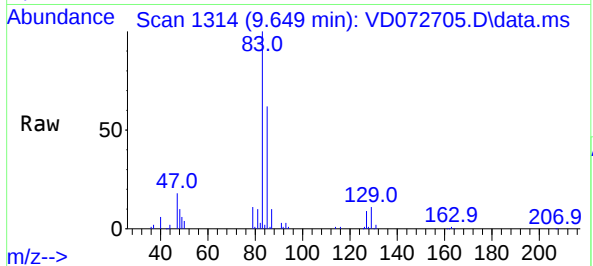
#47
Bromodichloromethane
Concen: 20.989 ug/l
RT: 9.649 min Scan# 1315
Delta R.T. -0.006 min
Lab File: VD072705.D
Acq: 25 Apr 2022 13:34

Instrument :
MSVOA_D
ClientSampleId :
VD0425SBSD02

Tgt Ion: 83 Resp: 13189
Ion Ratio Lower Upper
83 100
85 61.5 51.4 77.0
127 9.0 6.1 9.1

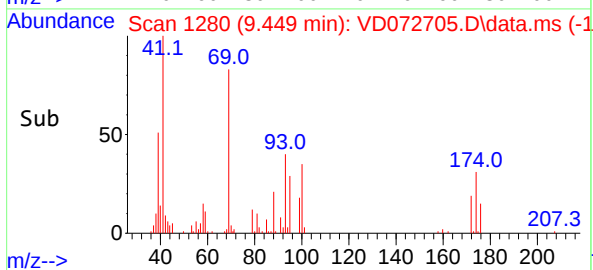
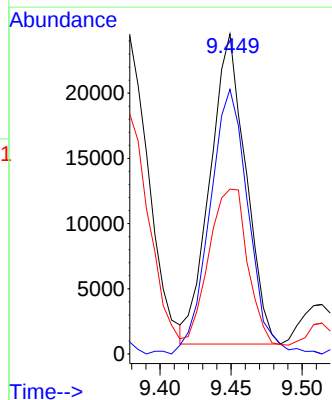
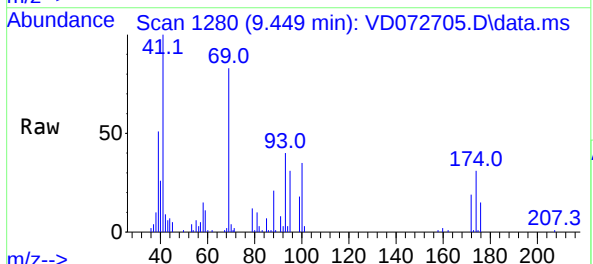
Manual Integrations
APPROVED

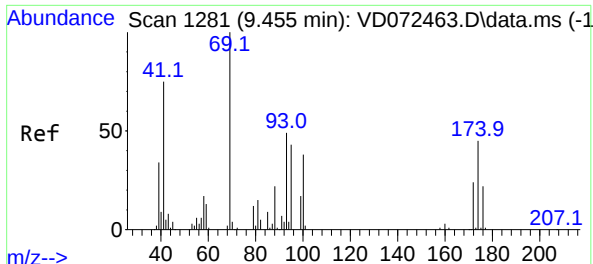
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#48
Methyl methacrylate
Concen: 19.639 ug/l
RT: 9.449 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VD072705.D
Acq: 25 Apr 2022 13:34

Tgt Ion: 41 Resp: 41587
Ion Ratio Lower Upper
41 100
69 92.5 56.7 85.1#
39 62.0 42.7 64.1





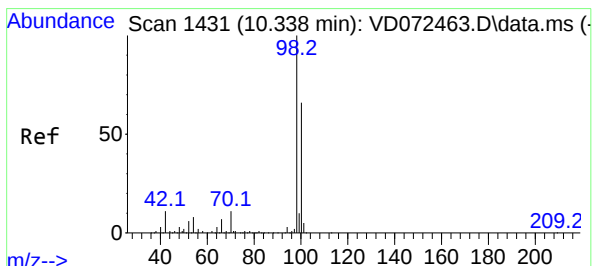
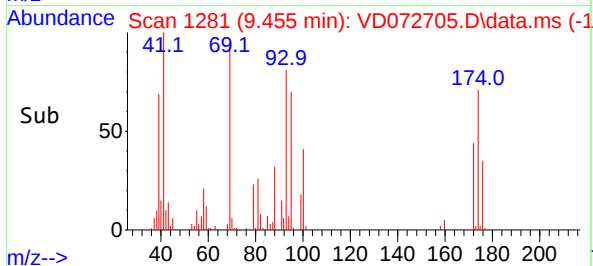
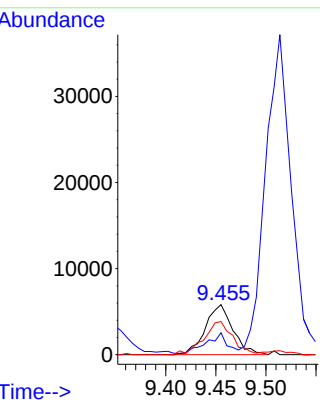
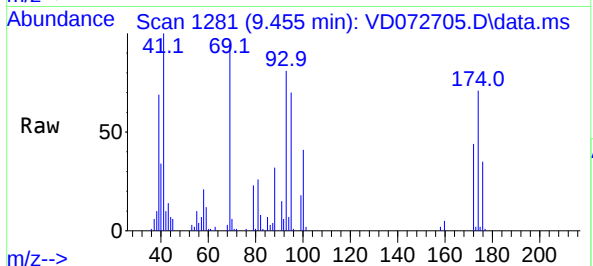
#49
1,4-Dioxane
Concen: 425.808 ug/l
RT: 9.455 min Scan# 11079
Delta R.T. -0.000 min
Lab File: VD072705.D
Acq: 25 Apr 2022 13:34

Instrument :
MSVOA_D
ClientSampleId :
VD0425SBSD02

Tgt Ion: 88 Resp: 11079
Ion Ratio Lower Upper
88 100
43 30.6 31.0 46.4
58 68.9 58.1 87.1

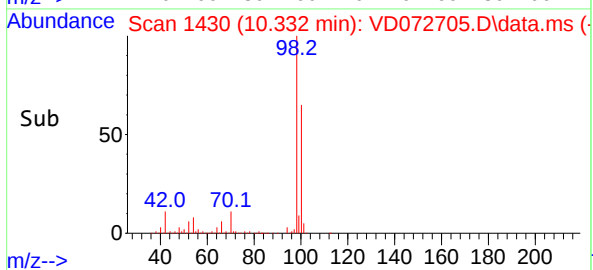
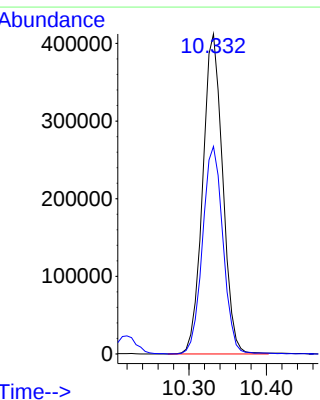
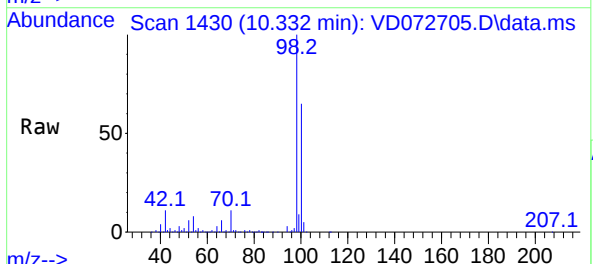
Manual Integrations
APPROVED

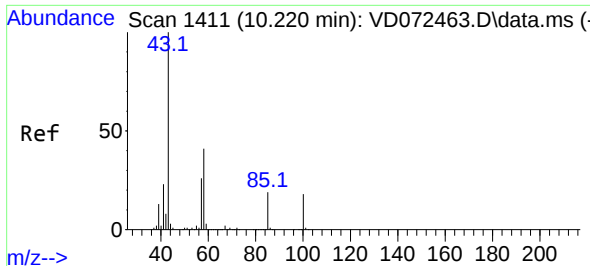
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#50
Toluene-d8
Concen: 49.577 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD072705.D
Acq: 25 Apr 2022 13:34

Tgt Ion: 98 Resp: 739533
Ion Ratio Lower Upper
98 100
100 66.4 52.4 78.6





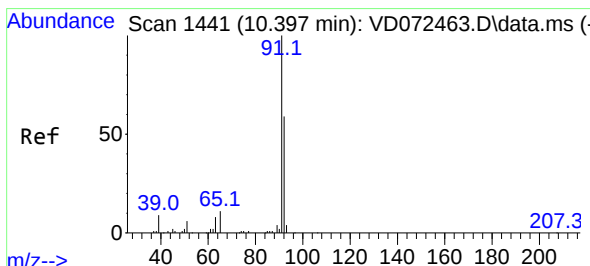
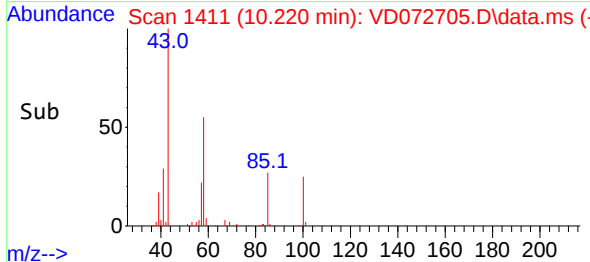
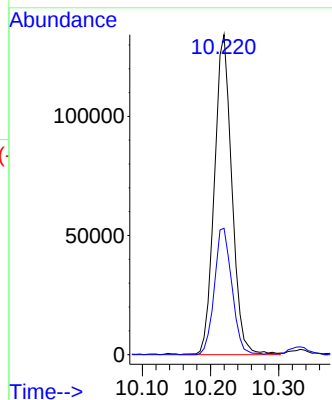
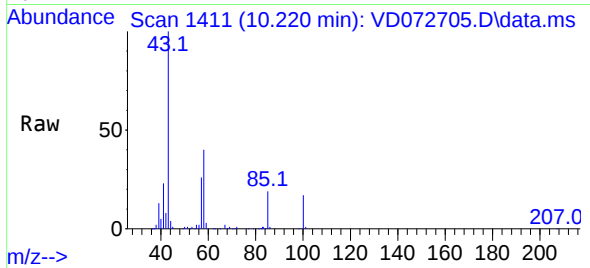
#51
4-Methyl-2-Pentanone
Concen: 102.540 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VD072705.D
Acq: 25 Apr 2022 13:34

Instrument :
MSVOA_D
ClientSampleId :
VD0425SBSD02

Tgt Ion: 43 Resp: 23998
Ion Ratio Lower Upper
43 100
58 39.7 28.6 43.0

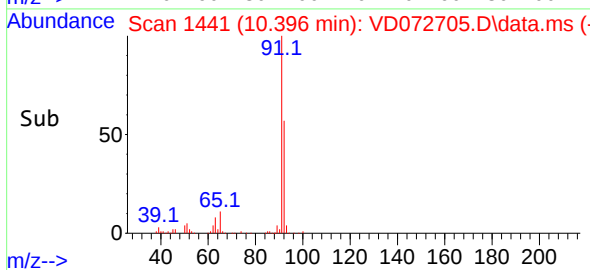
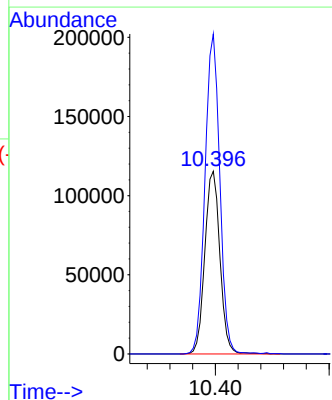
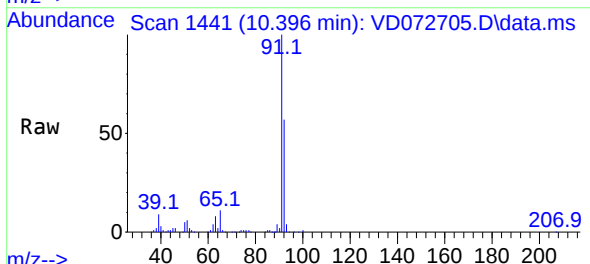
Manual Integrations
APPROVED

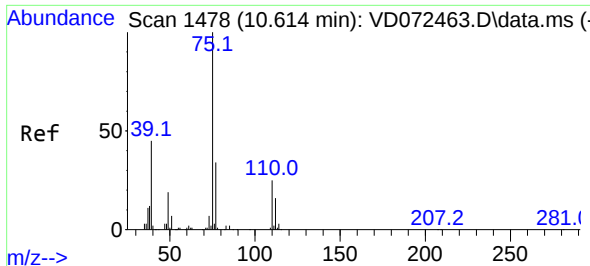
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#52
Toluene
Concen: 21.304 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD072705.D
Acq: 25 Apr 2022 13:34

Tgt Ion: 92 Resp: 212113
Ion Ratio Lower Upper
92 100
91 171.7 139.6 209.4





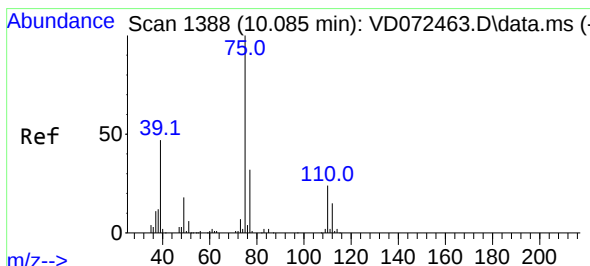
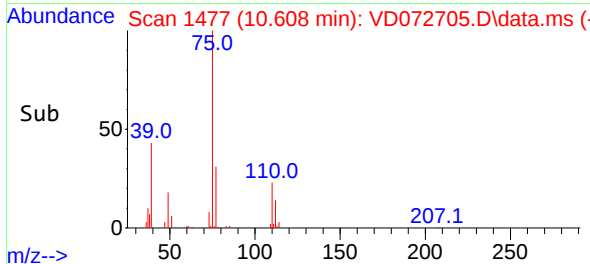
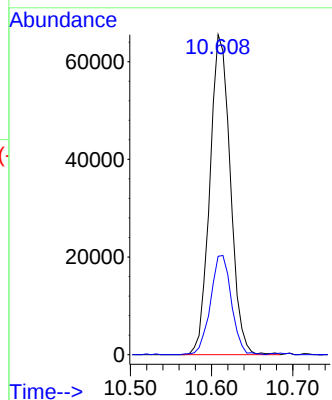
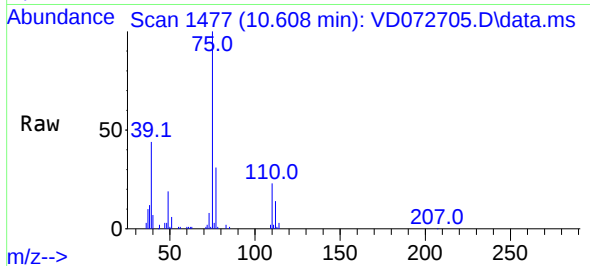
#53
t-1,3-Dichloropropene
Concen: 20.976 ug/l
RT: 10.608 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VD072705.D
Acq: 25 Apr 2022 13:34

Instrument :
MSVOA_D
ClientSampleId :
VD0425SBS02

Tgt Ion: 75 Resp: 114862
Ion Ratio Lower Upper
75 100
77 30.7 24.5 36.7

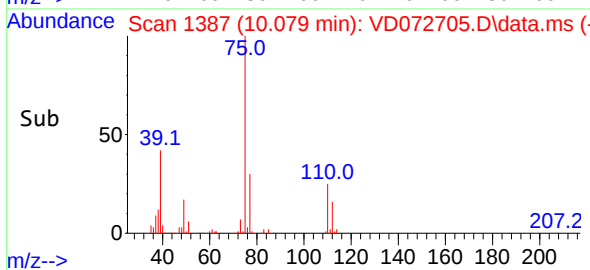
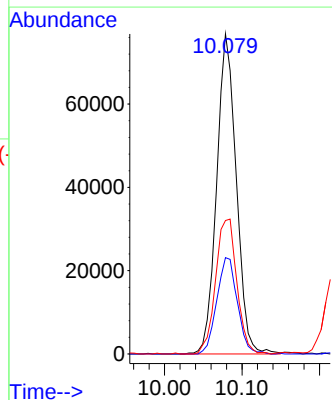
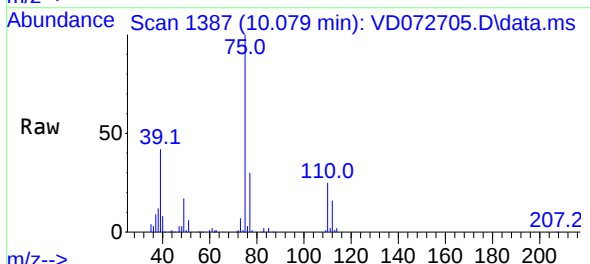
Manual Integrations
APPROVED

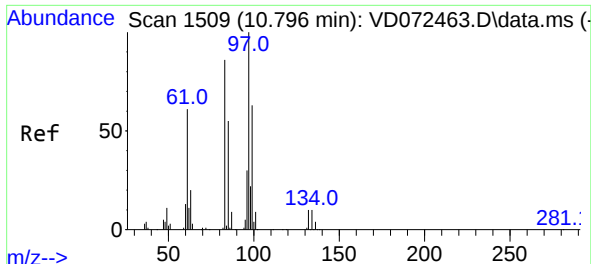
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#54
cis-1,3-Dichloropropene
Concen: 20.925 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. -0.006 min
Lab File: VD072705.D
Acq: 25 Apr 2022 13:34

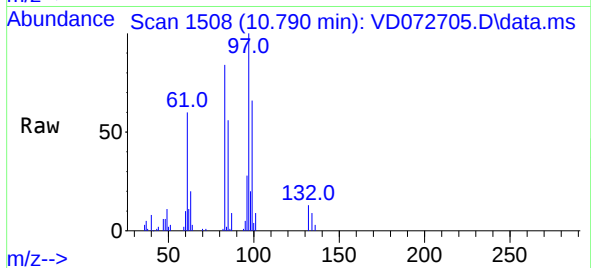
Tgt Ion: 75 Resp: 135470
Ion Ratio Lower Upper
75 100
77 30.1 24.8 37.2
39 41.7 46.8 70.2#





#55
1,1,2-Trichloroethane
Concen: 21.582 ug/l
RT: 10.790 min Scan# 1509
Delta R.T. -0.006 min
Lab File: VD072705.D
Acq: 25 Apr 2022 13:34

Instrument :
MSVOA_D
ClientSampleId :
VD0425SBSD02

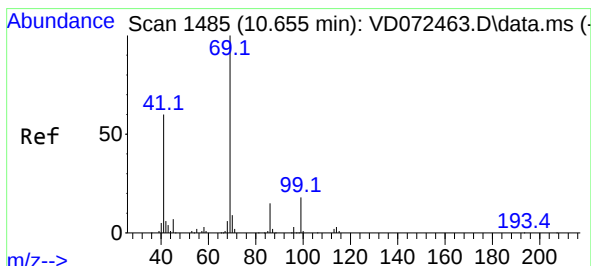
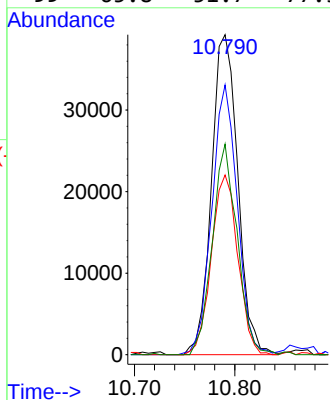
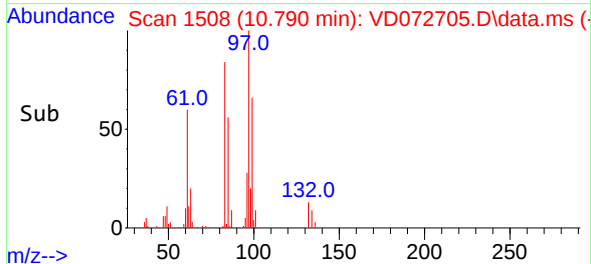


Tgt Ion: 97 Resp: 71560

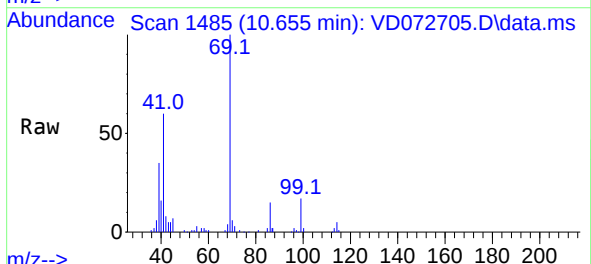
Ion	Ratio	Lower	Upper
97	100		
83	84.3	69.0	103.4
85	56.1	42.6	63.8
99	65.8	51.7	77.5

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

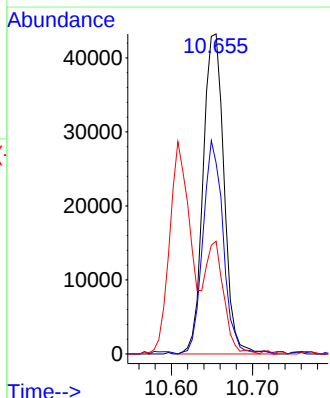
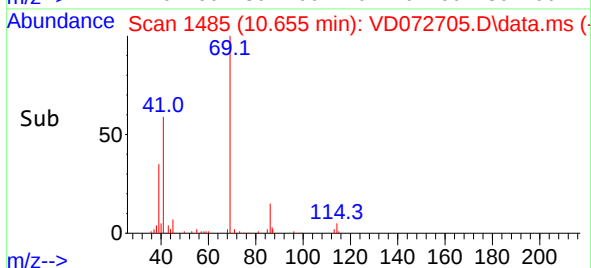


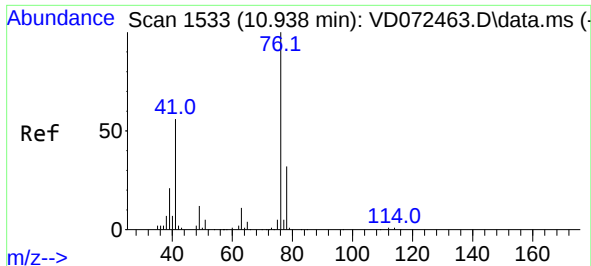
#56
Ethyl methacrylate
Concen: 19.705 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD072705.D
Acq: 25 Apr 2022 13:34



Tgt Ion: 69 Resp: 77328

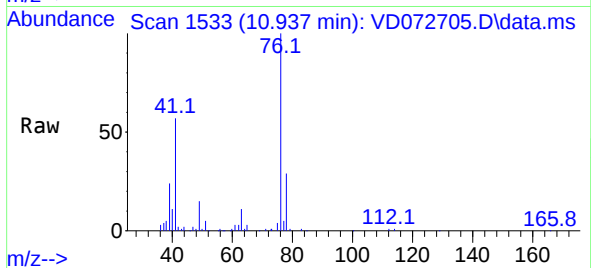
Ion	Ratio	Lower	Upper
69	100		
41	64.7	63.0	94.6
39	29.3	33.8	50.8





#57
1,3-Dichloropropane
Concen: 20.426 ug/l
RT: 10.937 min Scan# 11197
Delta R.T. -0.000 min
Lab File: VD072705.D
Acq: 25 Apr 2022 13:34

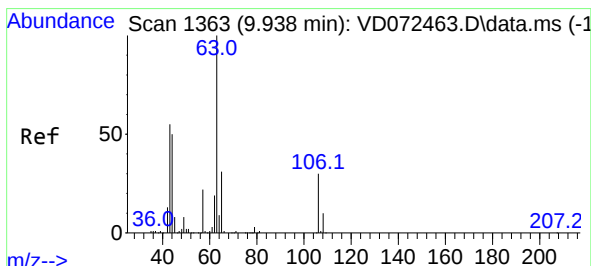
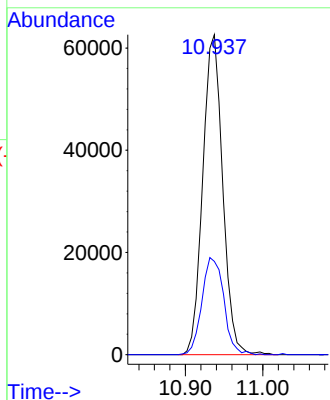
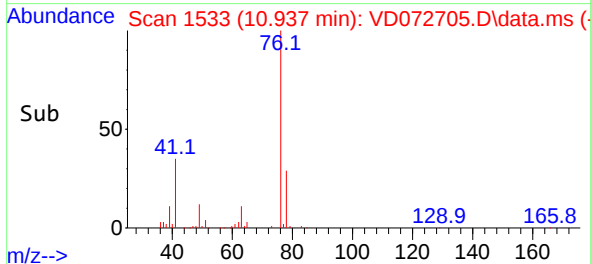
Instrument :
MSVOA_D
ClientSampleId :
VD0425SBS02



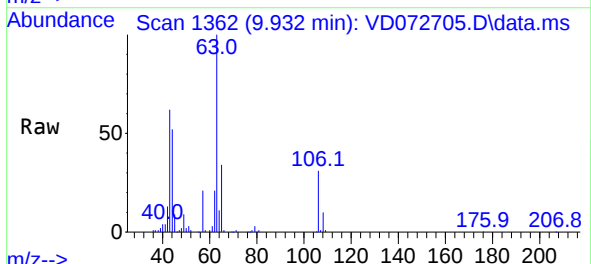
Tgt Ion: 76 Resp: 11197
Ion Ratio Lower Upper
76 100
78 33.3 26.0 39.0

Manual Integrations
APPROVED

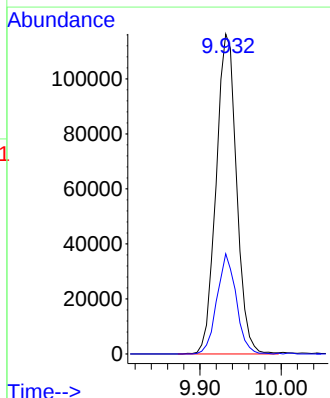
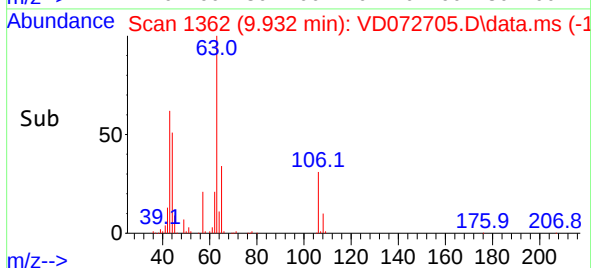
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

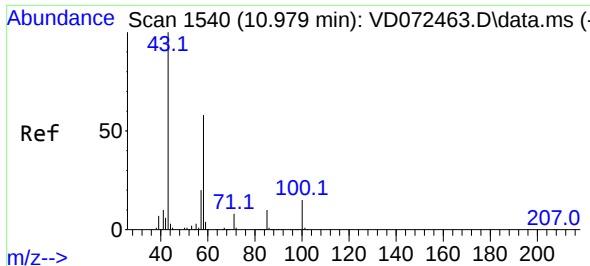


#58
2-Chloroethyl Vinyl ether
Concen: 124.376 ug/l
RT: 9.932 min Scan# 1362
Delta R.T. -0.006 min
Lab File: VD072705.D
Acq: 25 Apr 2022 13:34



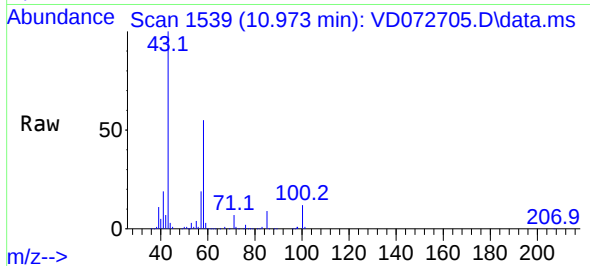
Tgt Ion: 63 Resp: 203617
Ion Ratio Lower Upper
63 100
106 29.5 21.4 32.0





#59
2-Hexanone
Concen: 101.799 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.006 min
Lab File: VD072705.D
Acq: 25 Apr 2022 13:34

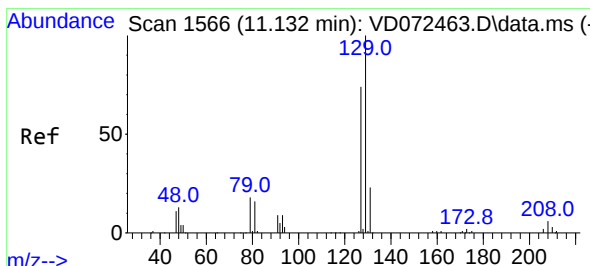
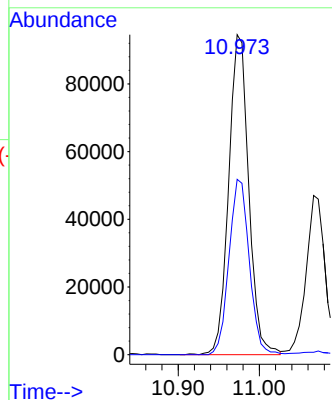
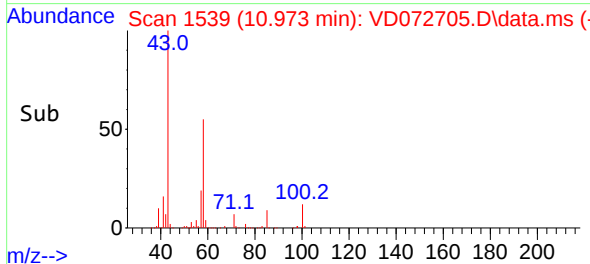
Instrument :
MSVOA_D
ClientSampleId :
VD0425SBSD02



Tgt Ion: 43 Resp: 16201
Ion Ratio Lower Upper
43 100
58 55.5 25.3 75.9

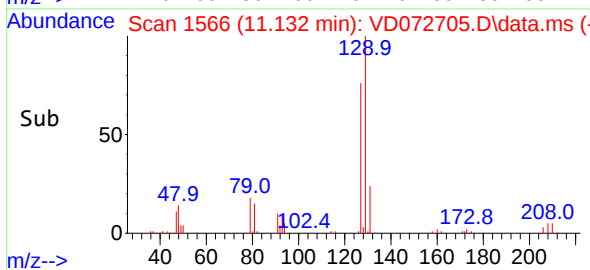
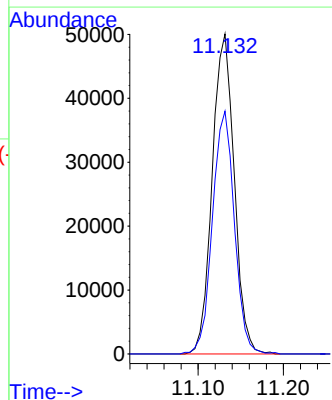
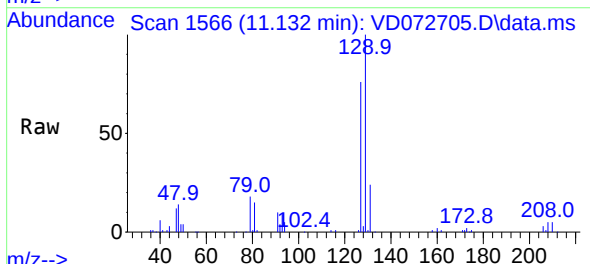
Manual Integrations
APPROVED

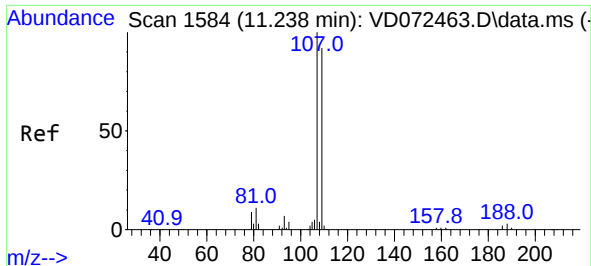
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#60
Dibromochloromethane
Concen: 20.998 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD072705.D
Acq: 25 Apr 2022 13:34

Tgt Ion:129 Resp: 89819
Ion Ratio Lower Upper
129 100
127 75.7 39.2 117.6





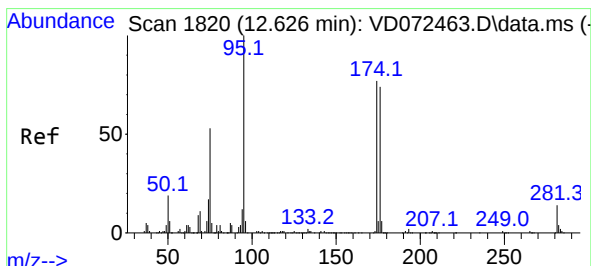
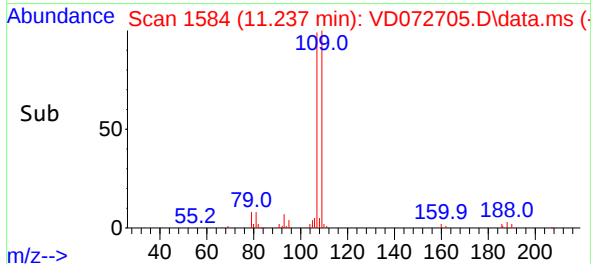
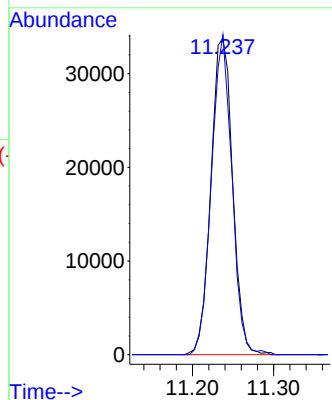
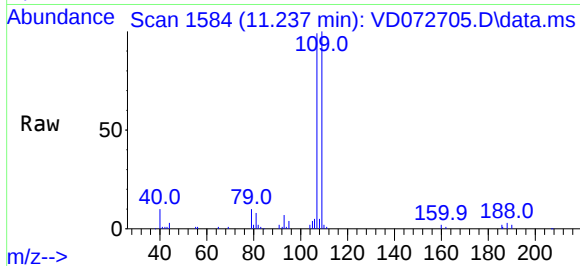
#61
1,2-Dibromoethane
Concen: 21.313 ug/l
RT: 11.237 min Scan# 1119
Delta R.T. -0.000 min
Lab File: VD072705.D
Acq: 25 Apr 2022 13:34

Instrument :
MSVOA_D
ClientSampleId :
VD0425SBSD02

Tgt Ion:107 Resp: 62748
Ion Ratio Lower Upper
107 100
109 95.2 74.2 111.4

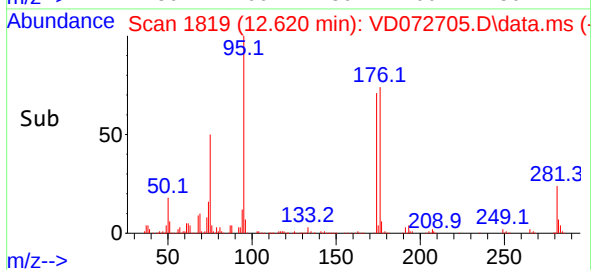
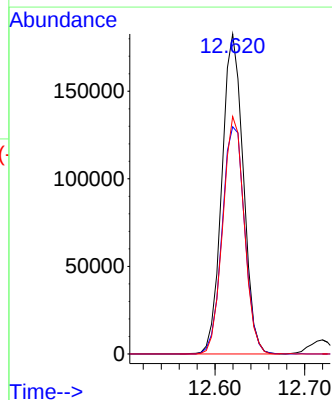
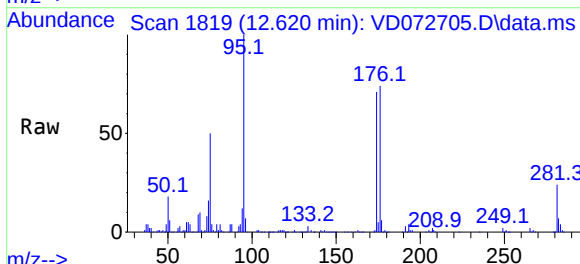
Manual Integrations
APPROVED

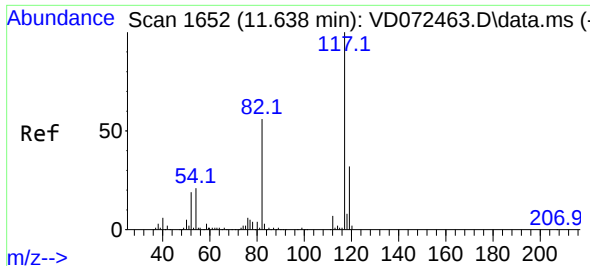
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#62
4-Bromofluorobenzene
Concen: 51.796 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072705.D
Acq: 25 Apr 2022 13:34

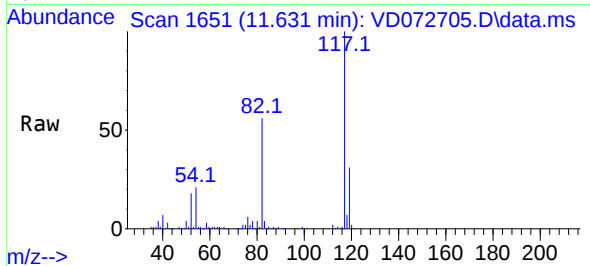
Tgt Ion: 95 Resp: 301750
Ion Ratio Lower Upper
95 100
174 74.9 0.0 152.8
176 74.2 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.631 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072705.D
Acq: 25 Apr 2022 13:34

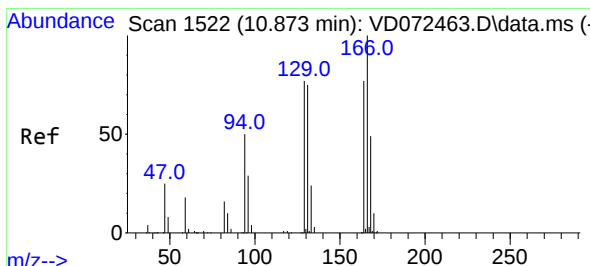
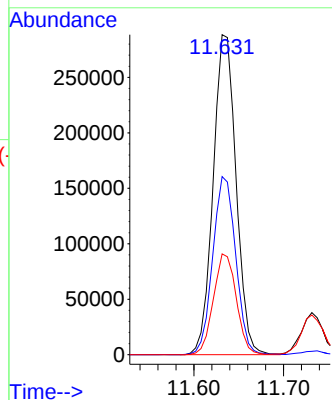
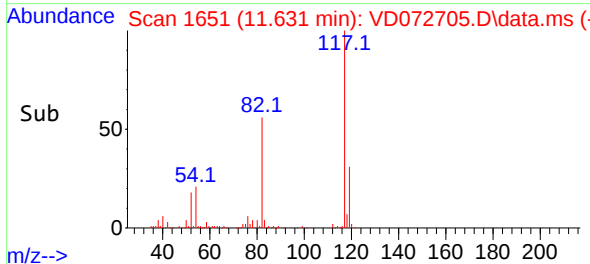
Instrument :
MSVOA_D
ClientSampleId :
VD0425SBS02



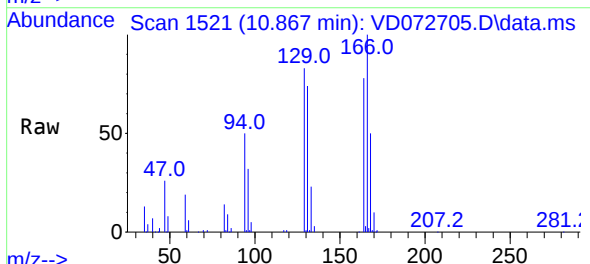
Tgt Ion:117 Resp: 51232
Ion Ratio Lower Upper
117 100
82 55.7 45.3 67.9
119 31.5 26.6 40.0

Manual Integrations
APPROVED

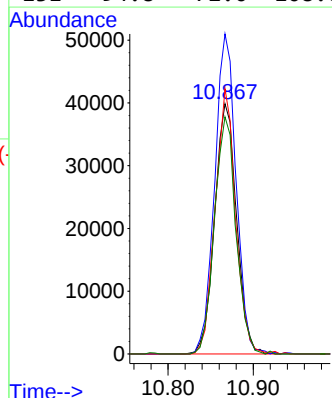
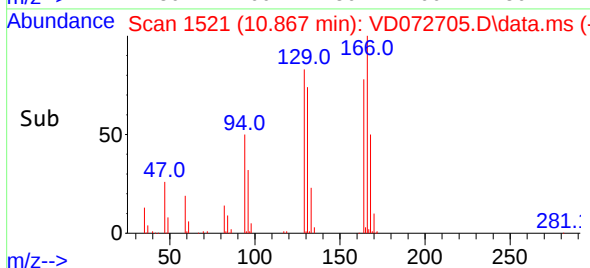
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

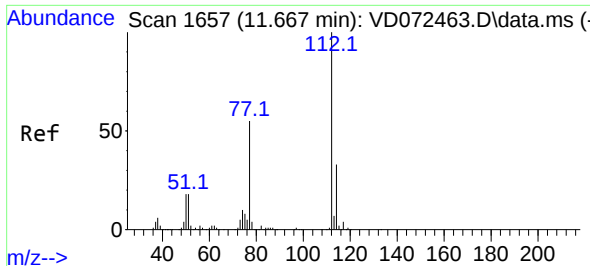


#64
Tetrachloroethene
Concen: 21.268 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VD072705.D
Acq: 25 Apr 2022 13:34



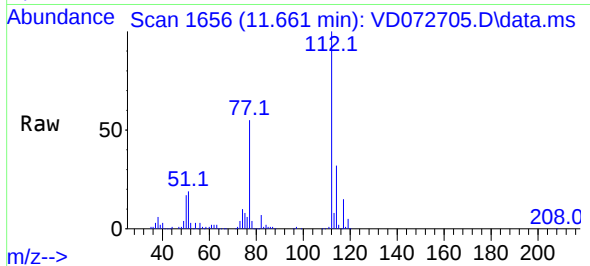
Tgt Ion:164 Resp: 71190
Ion Ratio Lower Upper
164 100
166 127.9 98.5 147.7
129 106.0 74.6 111.8
131 94.8 72.0 108.0





#65
Chlorobenzene
Concen: 21.077 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.006 min
Lab File: VD072705.D
Acq: 25 Apr 2022 13:34

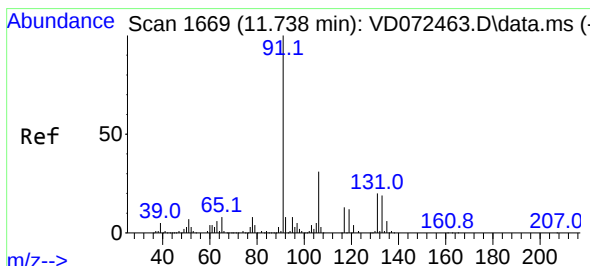
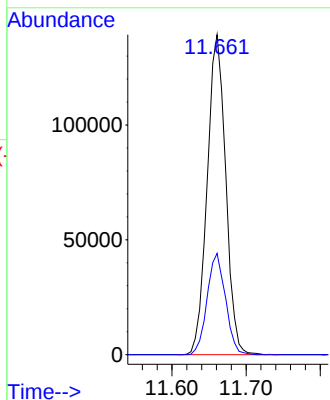
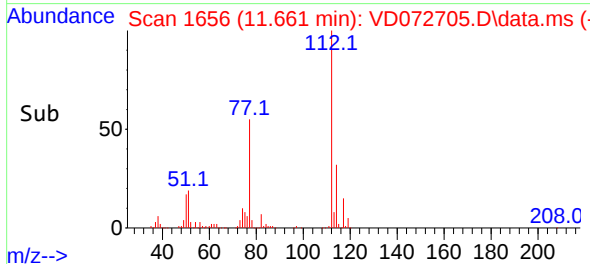
Instrument :
MSVOA_D
ClientSampleId :
VD0425SBS02



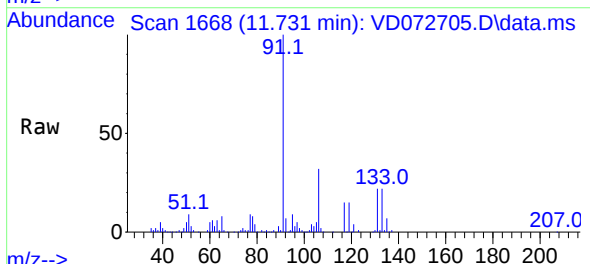
Tgt Ion:112 Resp: 241428
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.6

Manual Integrations
APPROVED

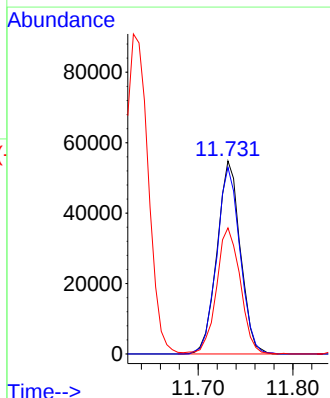
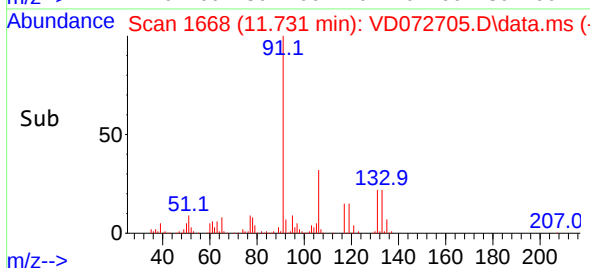
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

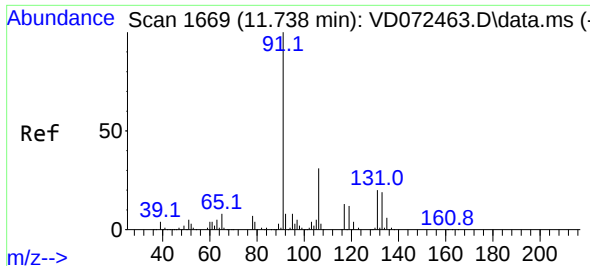


#66
1,1,1,2-Tetrachloroethane
Concen: 20.469 ug/l
RT: 11.731 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD072705.D
Acq: 25 Apr 2022 13:34



Tgt Ion:131 Resp: 93735
Ion Ratio Lower Upper
131 100
133 96.9 48.1 144.3
119 66.8 31.9 95.9





#67

Ethyl Benzene

Concen: 20.614 ug/l

RT: 11.731 min Scan# 1668

Delta R.T. -0.006 min

Lab File: VD072705.D

Acq: 25 Apr 2022 13:34

Instrument :

MSVOA_D

ClientSampleId :

VD0425SBS02

Tgt Ion: 91 Resp: 412008

Ion Ratio Lower Upper

91 100

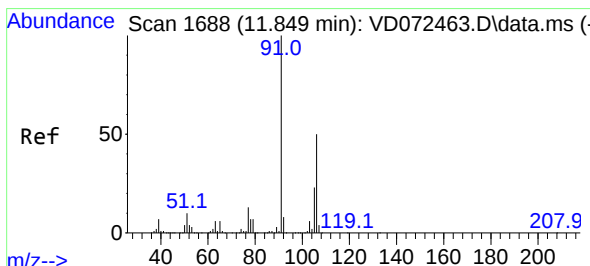
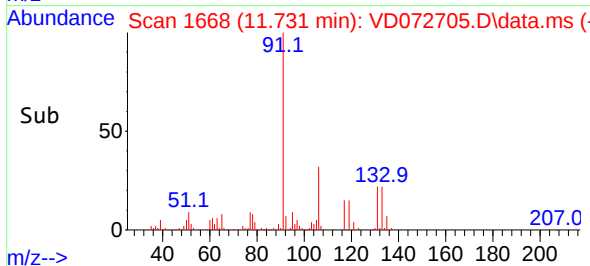
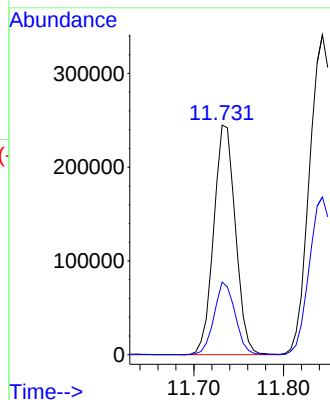
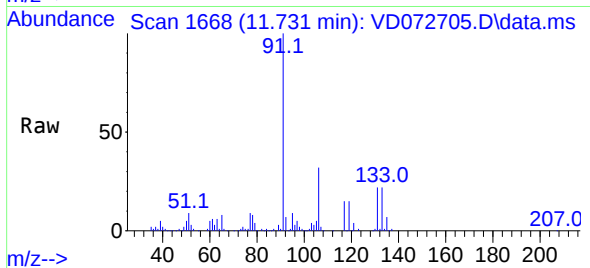
106 31.6 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2022

Supervised By :Mahesh Dadoda 04/26/2022



#68

m/p-Xylenes

Concen: 42.436 ug/l

RT: 11.843 min Scan# 1687

Delta R.T. -0.006 min

Lab File: VD072705.D

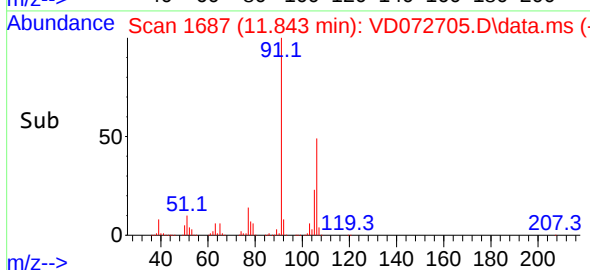
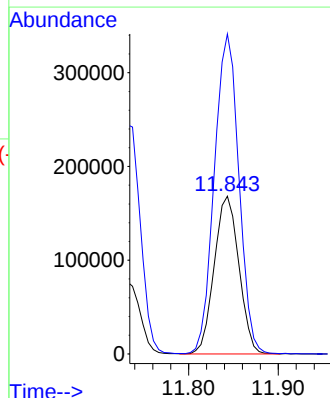
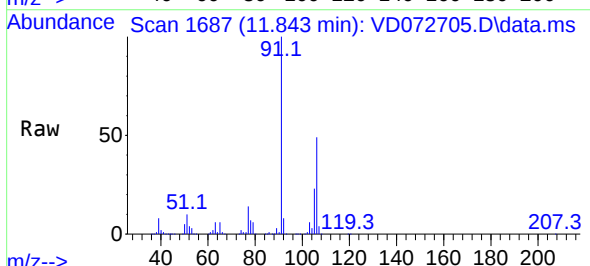
Acq: 25 Apr 2022 13:34

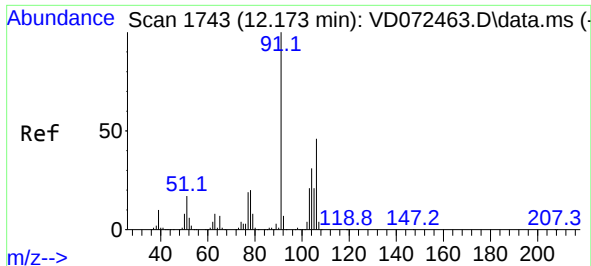
Tgt Ion:106 Resp: 321769

Ion Ratio Lower Upper

106 100

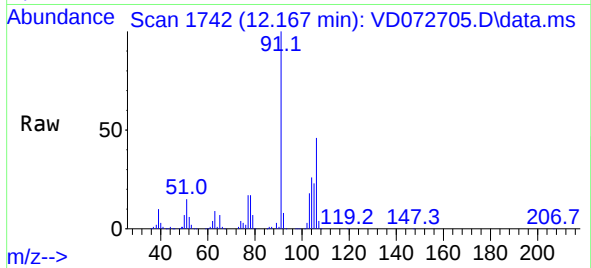
91 201.7 163.7 245.5





#69
o-Xylene
Concen: 20.892 ug/l
RT: 12.167 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072705.D
Acq: 25 Apr 2022 13:34

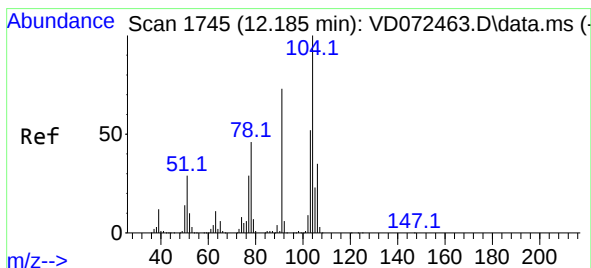
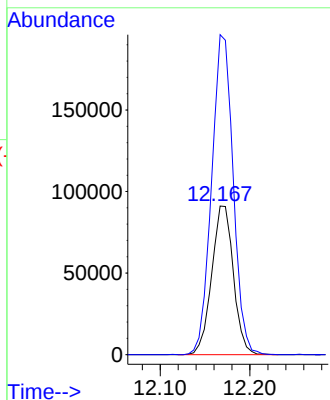
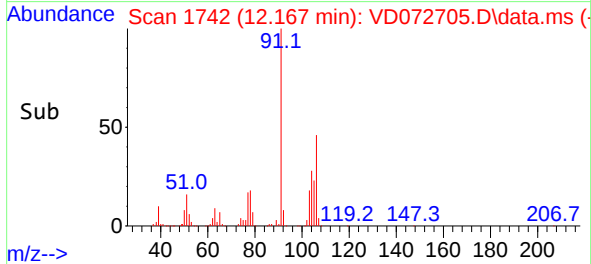
Instrument :
MSVOA_D
ClientSampleId :
VD0425SBSD02



Tgt Ion:106 Resp: 15284
Ion Ratio Lower Upper
106 100
91 214.3 110.4 331.2

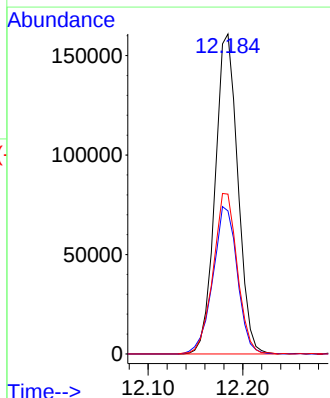
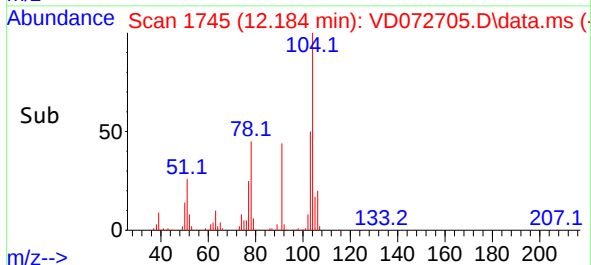
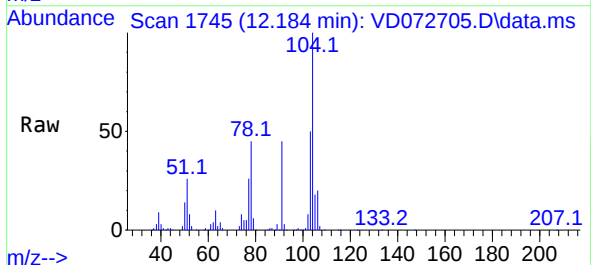
Manual Integrations
APPROVED

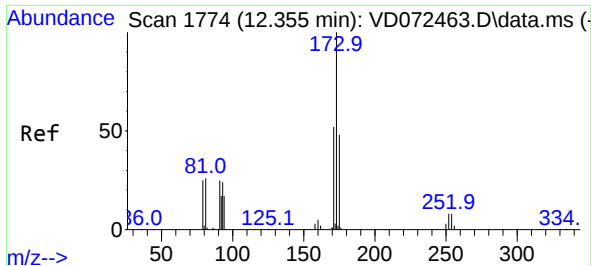
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#70
Styrene
Concen: 20.844 ug/l
RT: 12.184 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD072705.D
Acq: 25 Apr 2022 13:34

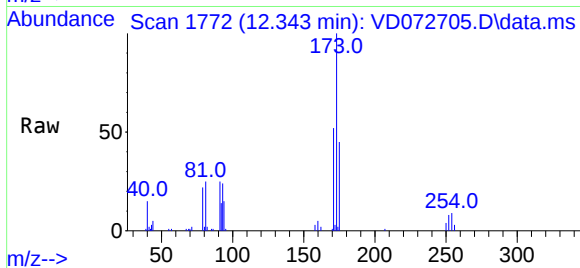
Tgt Ion:104 Resp: 268758
Ion Ratio Lower Upper
104 100
78 49.5 41.8 62.8
103 53.4 44.2 66.4





#71
Bromoform
Concen: 20.476 ug/l
RT: 12.343 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD072705.D
Acq: 25 Apr 2022 13:34

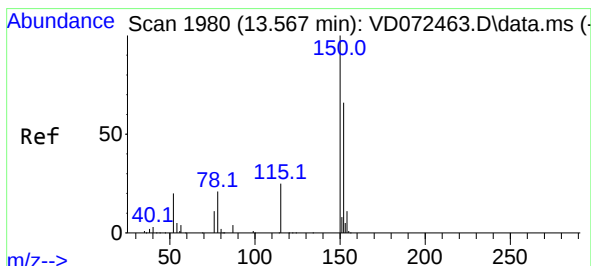
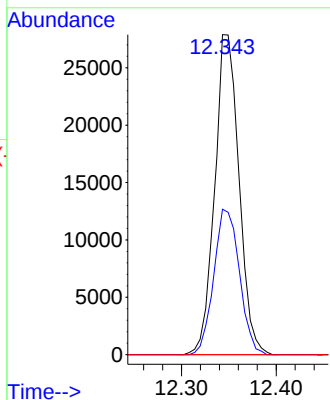
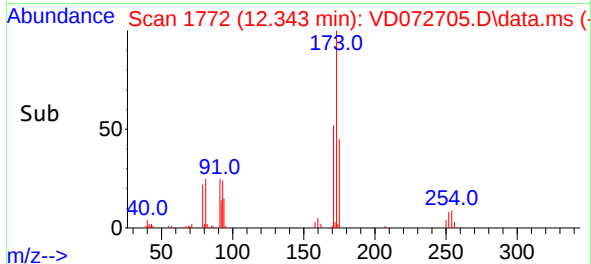
Instrument :
MSVOA_D
ClientSampleId :
VD0425SBS02



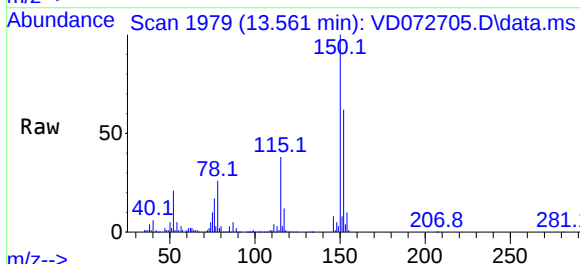
Tgt Ion:173 Resp: 49709
Ion Ratio Lower Upper
173 100
175 48.0 23.9 71.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

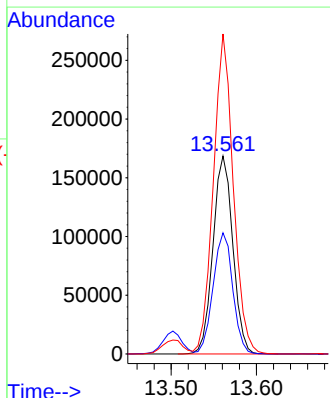
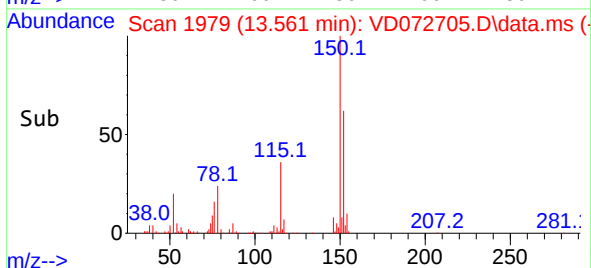
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

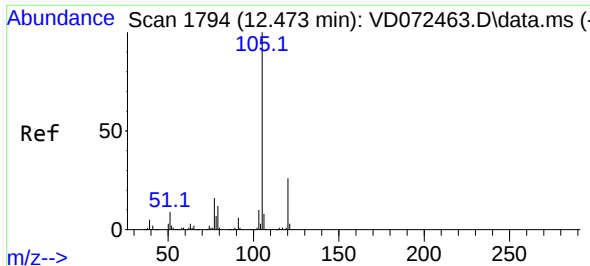


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072705.D
Acq: 25 Apr 2022 13:34



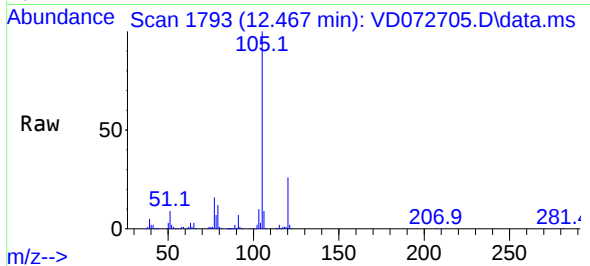
Tgt Ion:152 Resp: 272623
Ion Ratio Lower Upper
152 100
115 60.6 31.3 93.8
150 162.4 0.0 348.6





#73
Isopropylbenzene
Concen: 19.075 ug/l
RT: 12.467 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072705.D
Acq: 25 Apr 2022 13:34

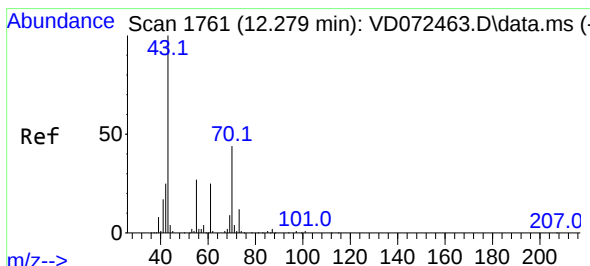
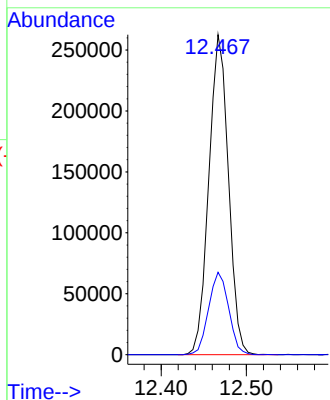
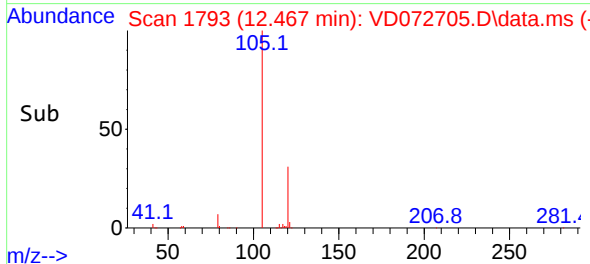
Instrument :
MSVOA_D
ClientSampleId :
VD0425SBSD02



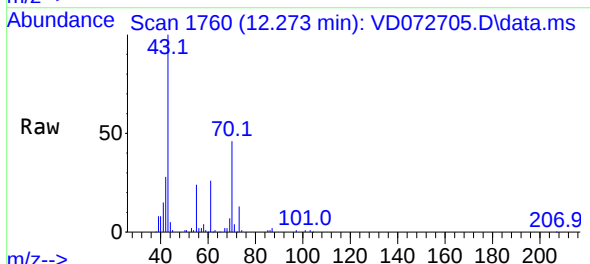
Tgt Ion:105 Resp: 41997
Ion Ratio Lower Upper
105 100
120 26.3 13.0 38.9

Manual Integrations
APPROVED

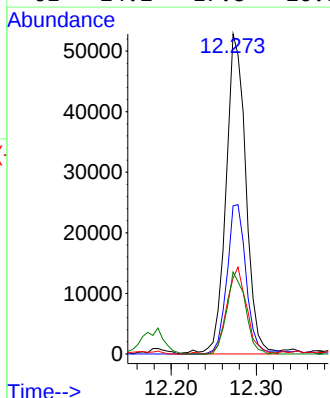
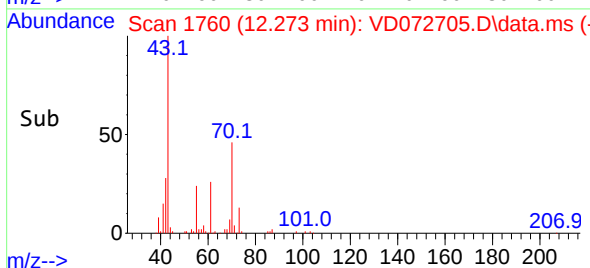
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

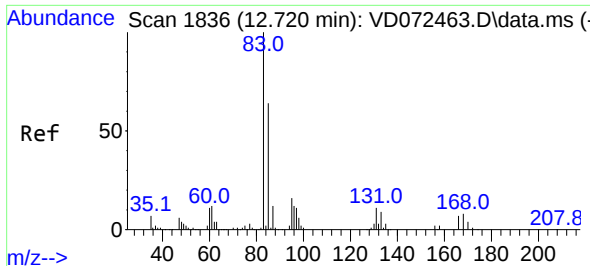


#74
N-ethyl acetate
Concen: 18.491 ug/l
RT: 12.273 min Scan# 1760
Delta R.T. -0.006 min
Lab File: VD072705.D
Acq: 25 Apr 2022 13:34



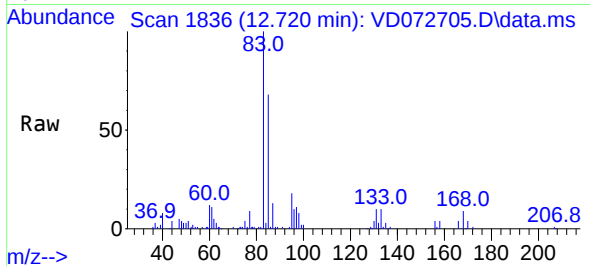
Tgt Ion: 43 Resp: 85421
Ion Ratio Lower Upper
43 100
70 45.4 31.3 46.9
55 26.8 20.0 30.0
61 24.2 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 18.957 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD072705.D
Acq: 25 Apr 2022 13:34

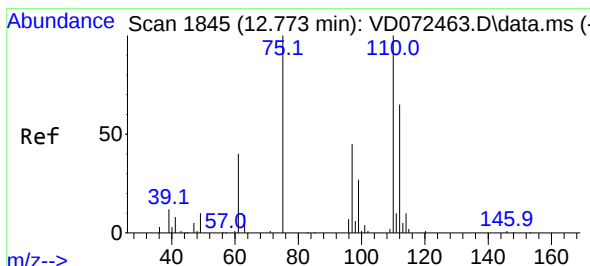
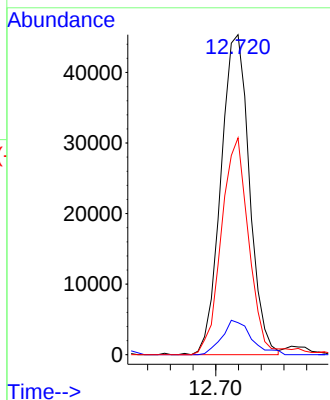
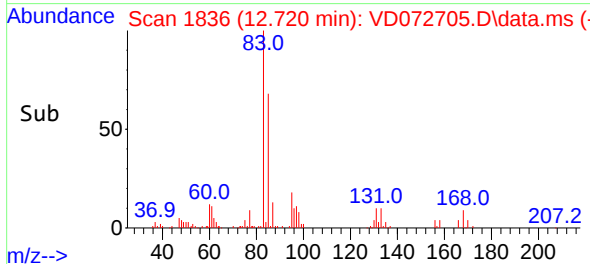
Instrument :
MSVOA_D
ClientSampleId :
VD0425SBSD02



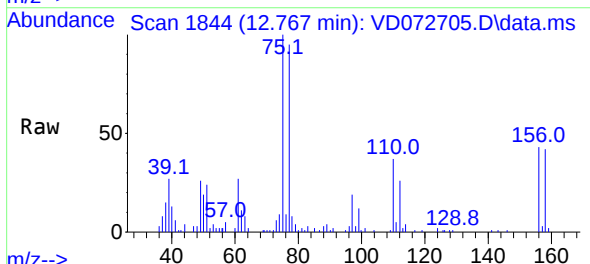
Tgt Ion: 83 Resp: 7905
Ion Ratio Lower Upper
83 100
131 11.1 5.0 14.9
85 66.5 32.6 98.0

Manual Integrations
APPROVED

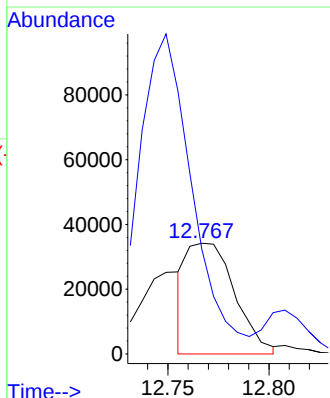
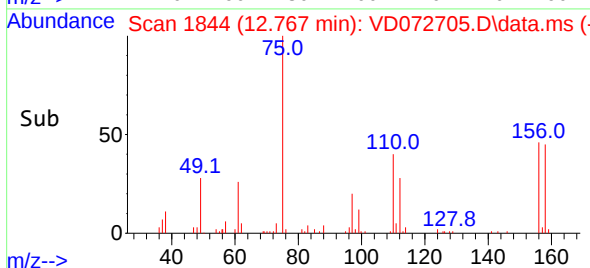
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

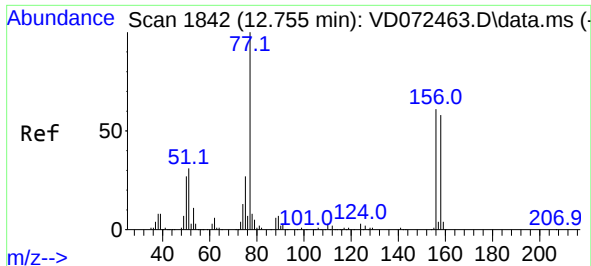


#76
1,2,3-Trichloropropane
Concen: 19.067 ug/l m
RT: 12.767 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VD072705.D
Acq: 25 Apr 2022 13:34



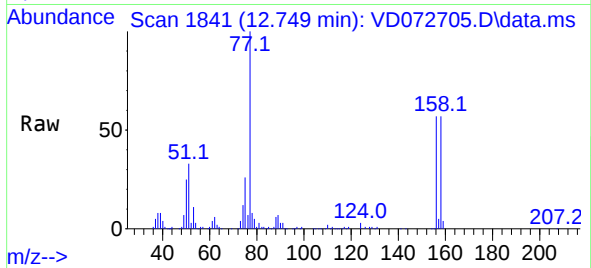
Tgt Ion: 75 Resp: 56693
Ion Ratio Lower Upper
75 100
77 324.5 0.0 0.0#





#77
Bromobenzene
Concen: 19.681 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.006 min
Lab File: VD072705.D
Acq: 25 Apr 2022 13:34

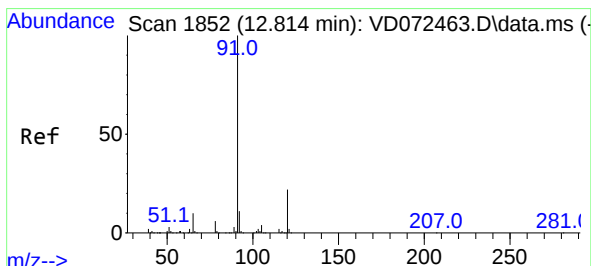
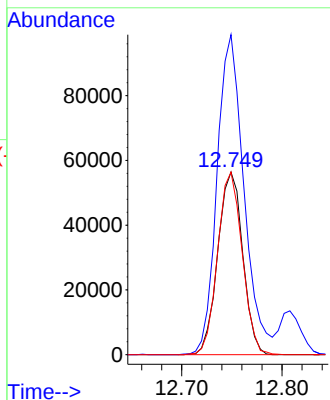
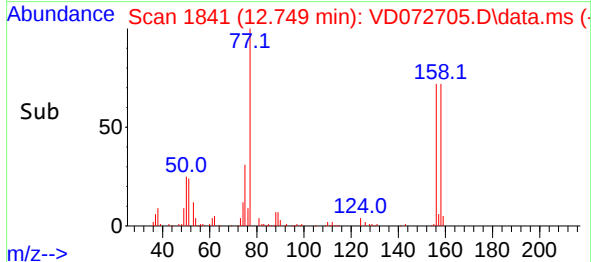
Instrument :
MSVOA_D
ClientSampleId :
VD0425SBSD02



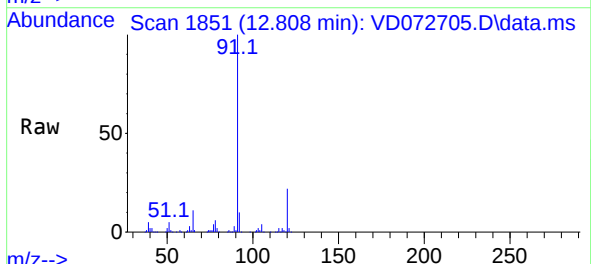
Tgt Ion:156 Resp: 9712
Ion Ratio Lower Upper
156 100
77 189.4 102.8 308.3
158 98.6 48.7 146.1

Manual Integrations
APPROVED

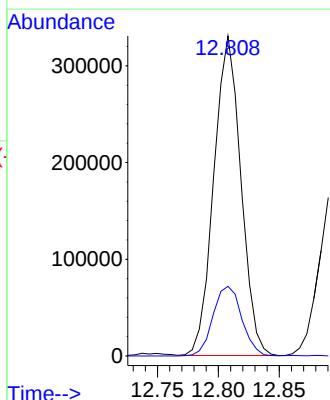
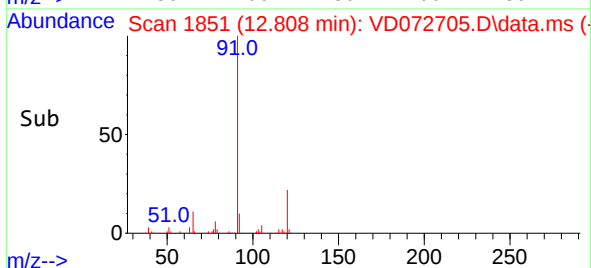
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

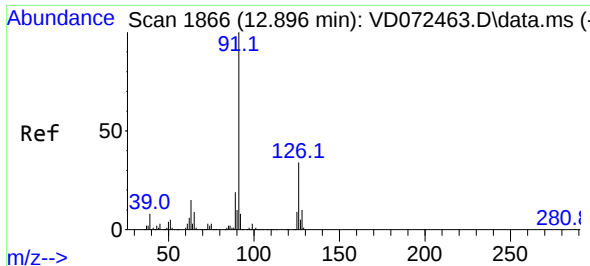


#78
n-propylbenzene
Concen: 19.264 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VD072705.D
Acq: 25 Apr 2022 13:34



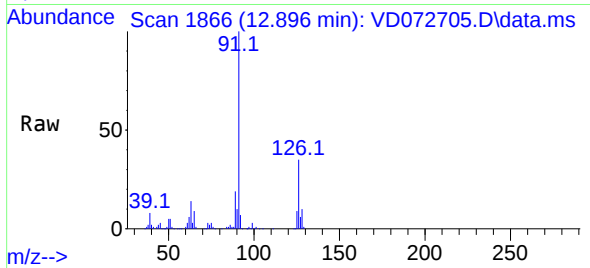
Tgt Ion: 91 Resp: 511673
Ion Ratio Lower Upper
91 100
120 23.1 10.9 32.9





#79
2-Chlorotoluene
Concen: 19.296 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VD072705.D
Acq: 25 Apr 2022 13:34

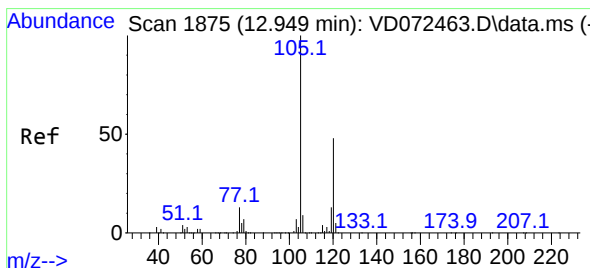
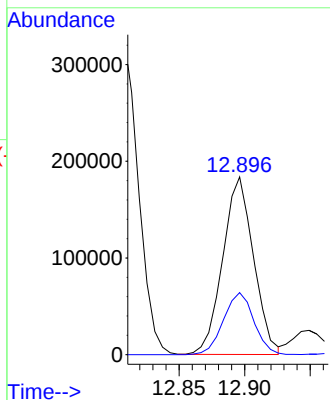
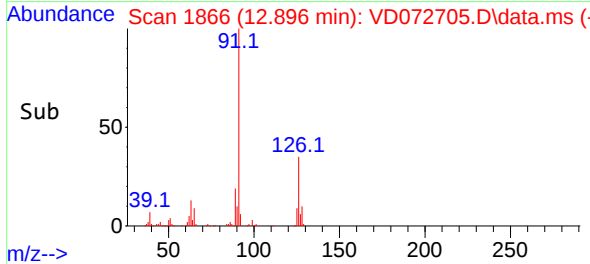
Instrument :
MSVOA_D
ClientSampleId :
VD0425SBS02



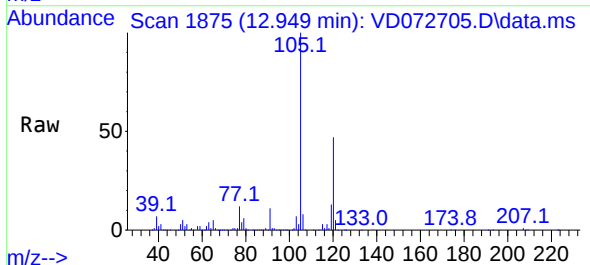
Tgt Ion: 91 Resp: 299723
Ion Ratio Lower Upper
91 100
126 34.6 16.2 48.6

Manual Integrations
APPROVED

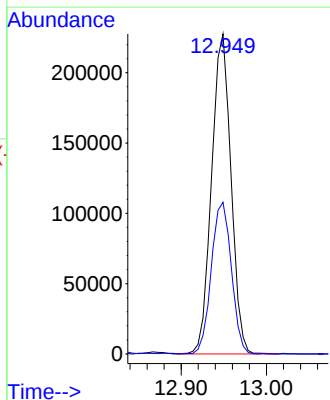
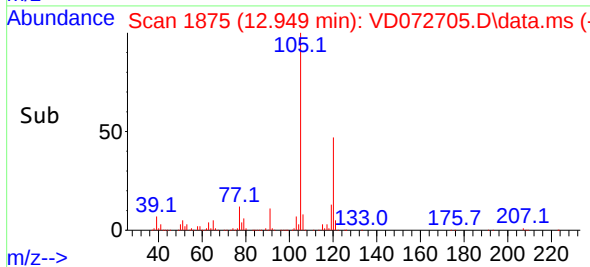
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

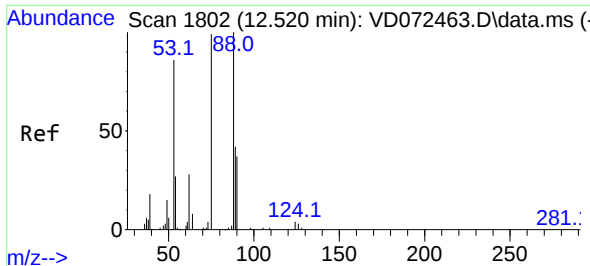


#80
1,3,5-Trimethylbenzene
Concen: 19.096 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VD072705.D
Acq: 25 Apr 2022 13:34



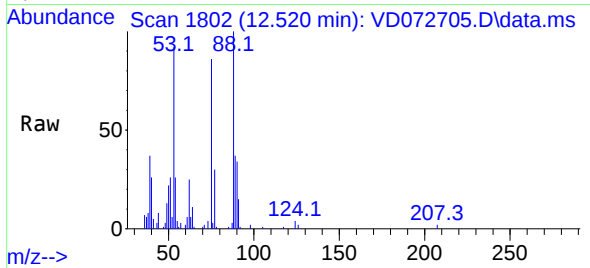
Tgt Ion:105 Resp: 360095
Ion Ratio Lower Upper
105 100
120 48.9 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 18.482 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VD072705.D
Acq: 25 Apr 2022 13:34

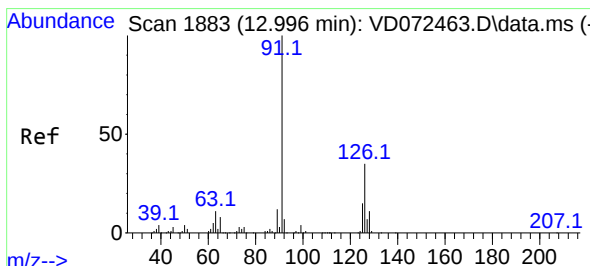
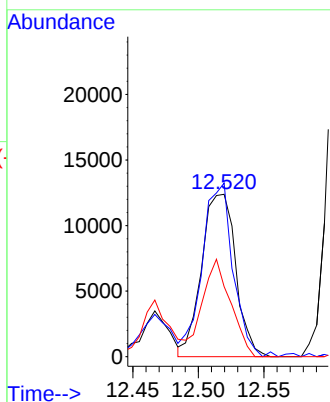
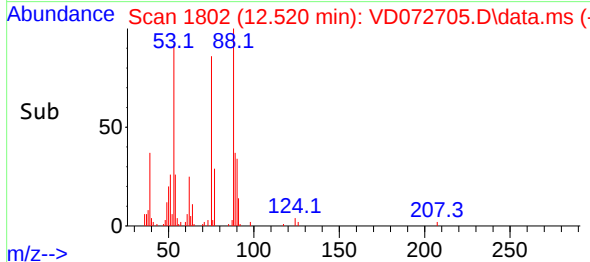
Instrument :
MSVOA_D
ClientSampleId :
VD0425SBSD02



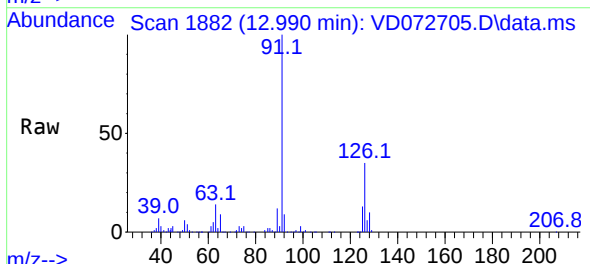
Tgt Ion: 75 Resp: 22395
Ion Ratio Lower Upper
75 100
53 97.0 86.5 129.7
89 49.4 33.9 50.9

Manual Integrations
APPROVED

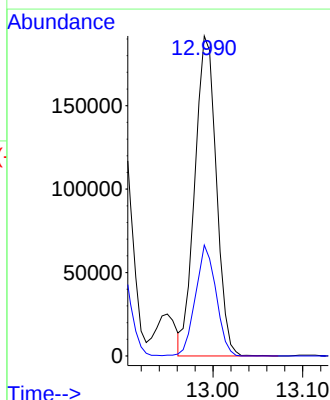
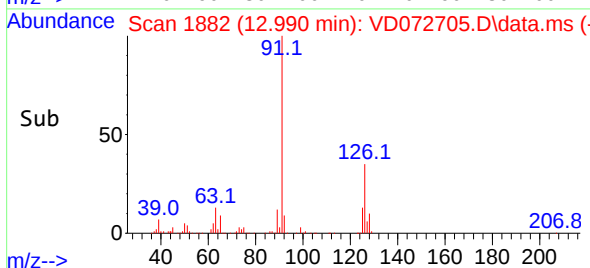
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

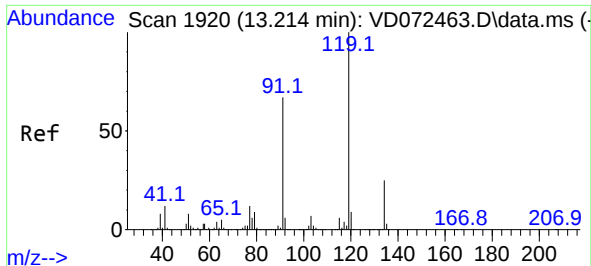


#82
4-Chlorotoluene
Concen: 19.708 ug/l
RT: 12.990 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VD072705.D
Acq: 25 Apr 2022 13:34



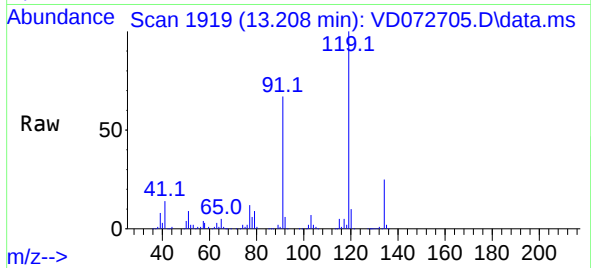
Tgt Ion: 91 Resp: 318831
Ion Ratio Lower Upper
91 100
126 33.2 16.5 49.5





#83
tert-Butylbenzene
Concen: 19.722 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. -0.006 min
Lab File: VD072705.D
Acq: 25 Apr 2022 13:34

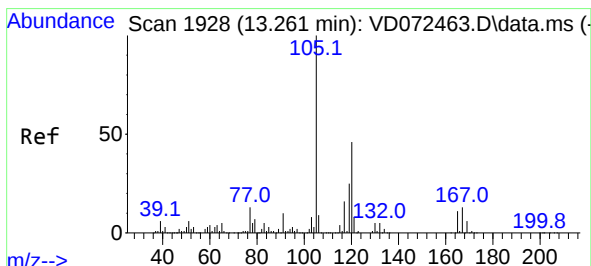
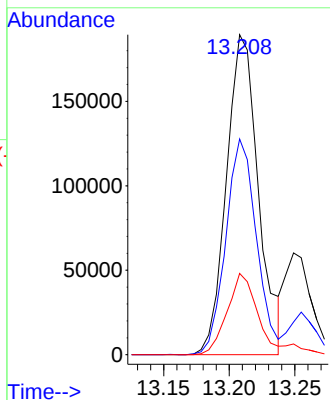
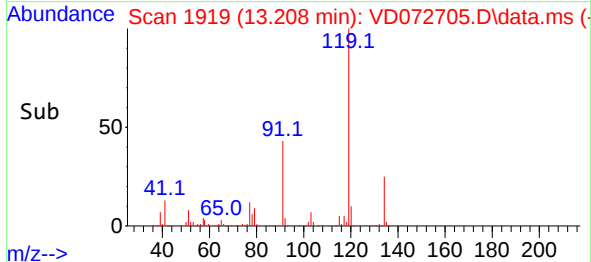
Instrument :
MSVOA_D
ClientSampleId :
VD0425SBSD02



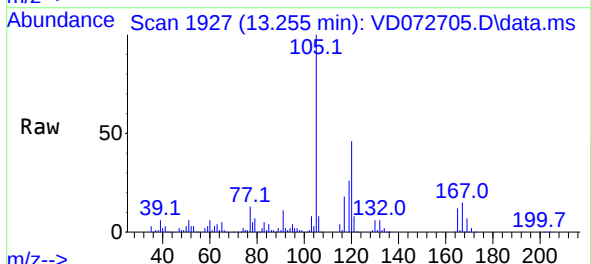
Tgt Ion:119 Resp: 321945
Ion Ratio Lower Upper
119 100
91 64.5 34.8 104.5
134 25.9 13.3 39.9

Manual Integrations
APPROVED

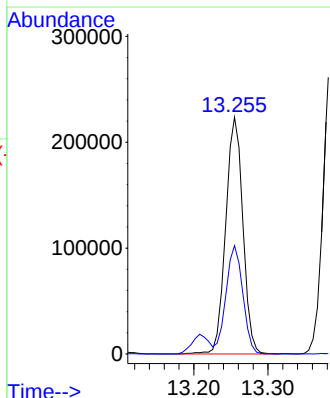
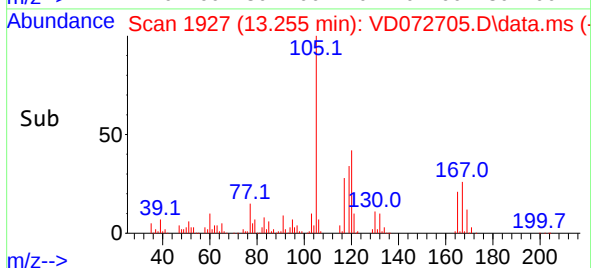
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

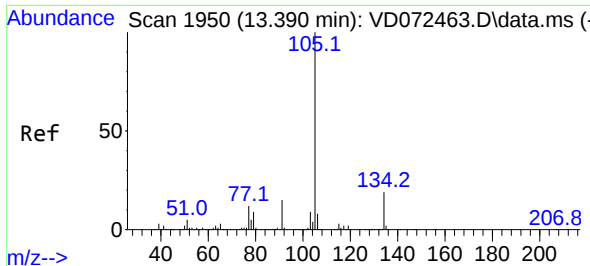


#84
1,2,4-Trimethylbenzene
Concen: 19.516 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD072705.D
Acq: 25 Apr 2022 13:34



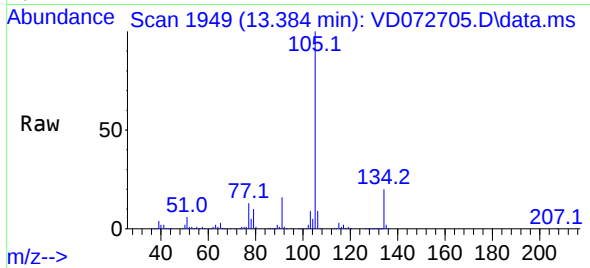
Tgt Ion:105 Resp: 359870
Ion Ratio Lower Upper
105 100
120 44.9 22.3 66.8





#85
 sec-Butylbenzene
 Concen: 19.507 ug/l
 RT: 13.384 min Scan# 1950
 Delta R.T. -0.006 min
 Lab File: VD072705.D
 Acq: 25 Apr 2022 13:34

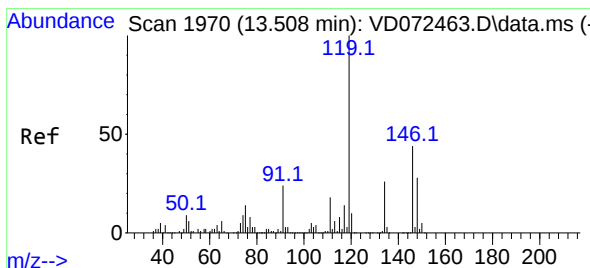
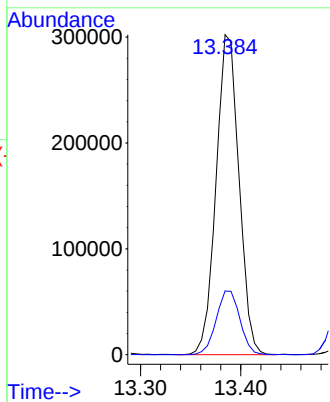
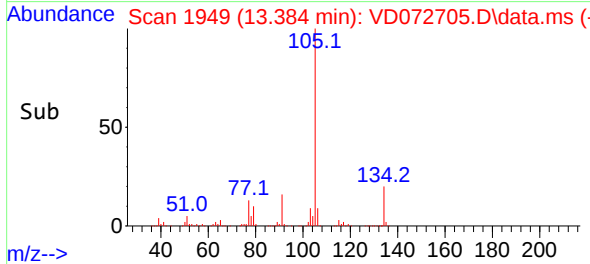
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0425SBSD02



Tgt Ion:105 Resp: 47967
 Ion Ratio Lower Upper
 105 100
 134 20.6 9.8 29.3

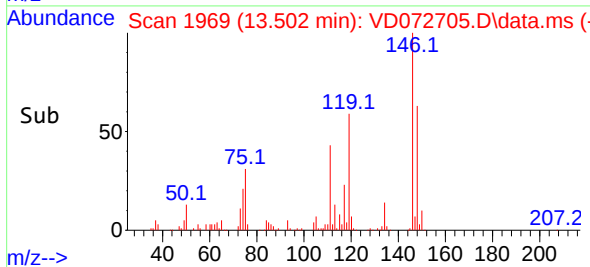
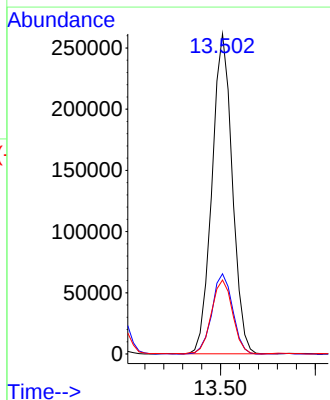
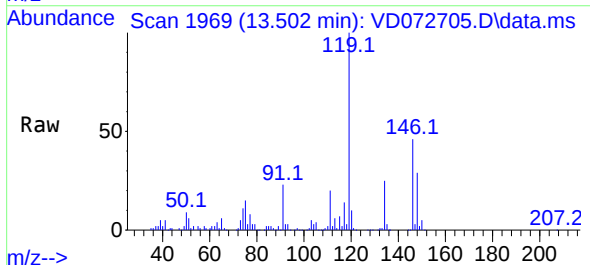
Manual Integrations
 APPROVED

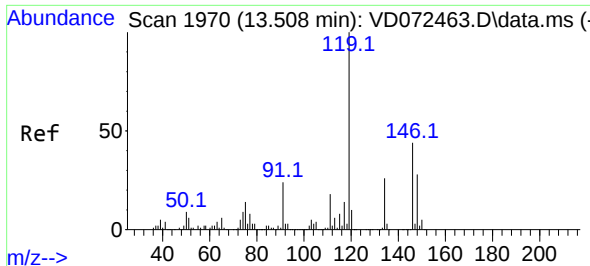
Reviewed By :John Carlone 04/26/2022
 Supervised By :Mahesh Dadoda 04/26/2022



#86
 p-Isopropyltoluene
 Concen: 19.311 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.006 min
 Lab File: VD072705.D
 Acq: 25 Apr 2022 13:34

Tgt Ion:119 Resp: 388126
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.9 38.6
 91 24.1 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 19.677 ug/l

RT: 13.502 min Scan# 1970

Delta R.T. -0.006 min

Lab File: VD072705.D

Acq: 25 Apr 2022 13:34

Instrument :

MSVOA_D

ClientSampleId :

VD0425SBS02

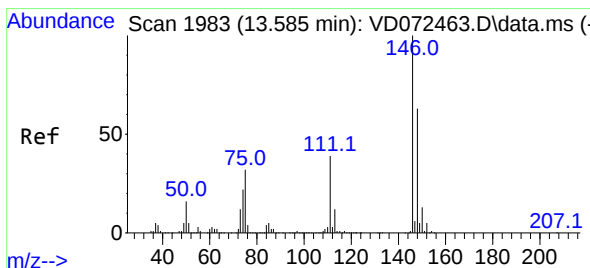
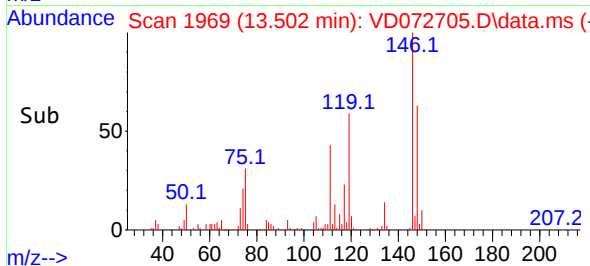
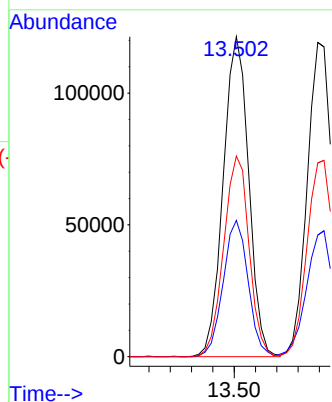
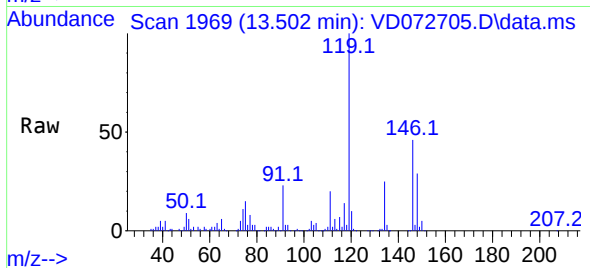
Tgt Ion:146	Resp:	201215
Ion Ratio	Lower	Upper
146	100	
111	41.8	20.4 61.3
148	62.5	31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2022

Supervised By :Mahesh Dadoda 04/26/2022



#88

1,4-Dichlorobenzene

Concen: 19.387 ug/l

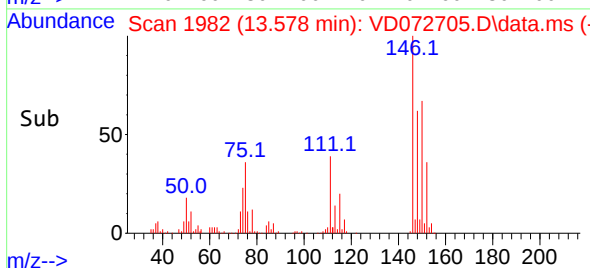
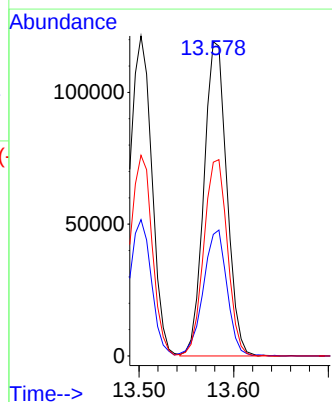
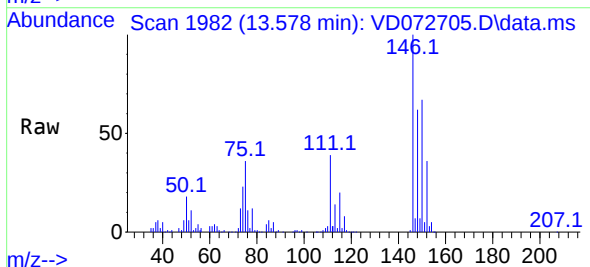
RT: 13.578 min Scan# 1982

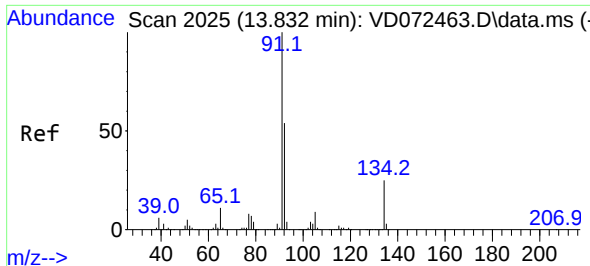
Delta R.T. -0.006 min

Lab File: VD072705.D

Acq: 25 Apr 2022 13:34

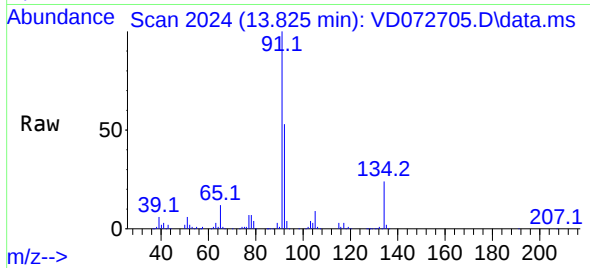
Tgt Ion:146	Resp:	199806
Ion Ratio	Lower	Upper
146	100	
111	41.7	20.3 60.9
148	64.7	31.7 95.1





#89
n-Butylbenzene
Concen: 18.942 ug/l
RT: 13.825 min Scan# 2025
Delta R.T. -0.006 min
Lab File: VD072705.D
Acq: 25 Apr 2022 13:34

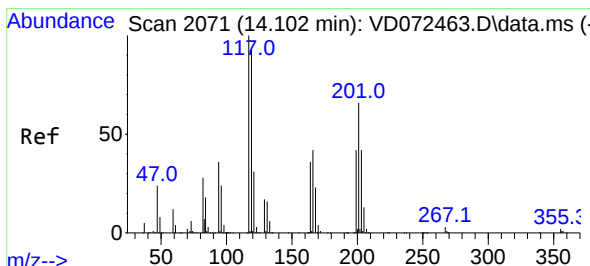
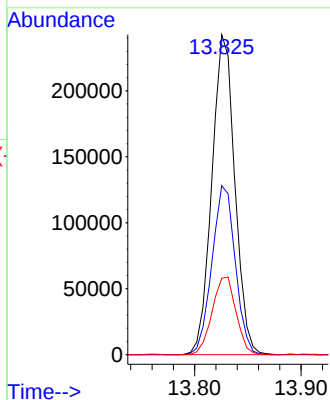
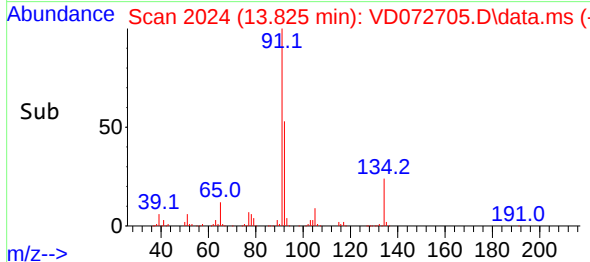
Instrument :
MSVOA_D
ClientSampleId :
VD0425SBSD02



Tgt Ion: 91 Resp: 362679
Ion Ratio Lower Upper
91 100
92 53.8 26.6 79.8
134 25.2 12.3 36.9

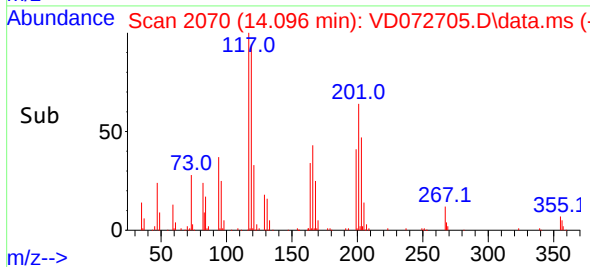
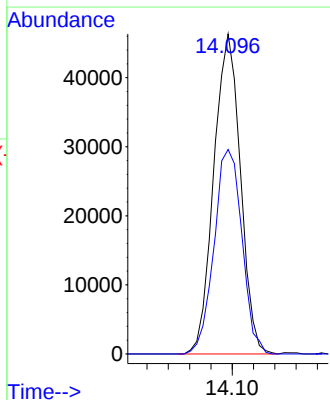
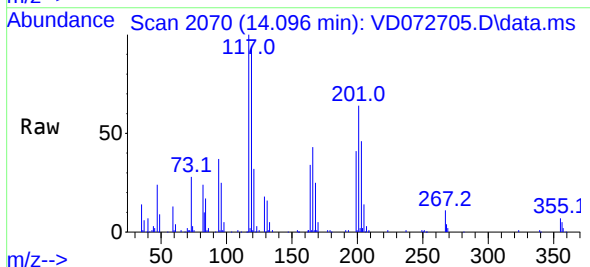
Manual Integrations
APPROVED

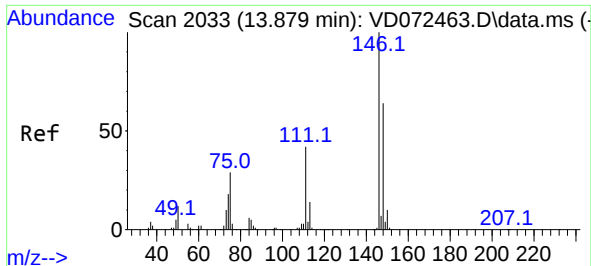
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#90
Hexachloroethane
Concen: 19.541 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. -0.006 min
Lab File: VD072705.D
Acq: 25 Apr 2022 13:34

Tgt Ion:117 Resp: 80401
Ion Ratio Lower Upper
117 100
201 66.9 33.4 100.2





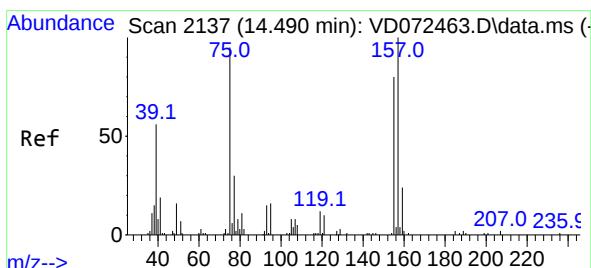
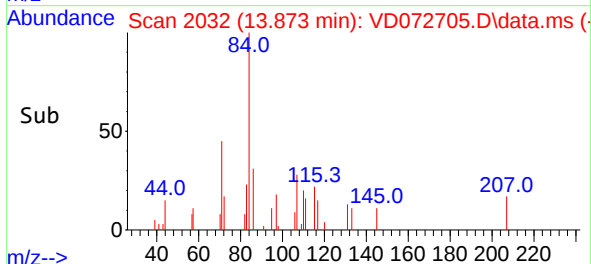
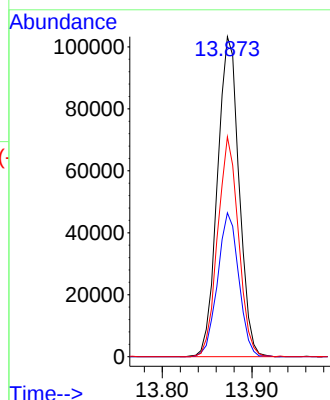
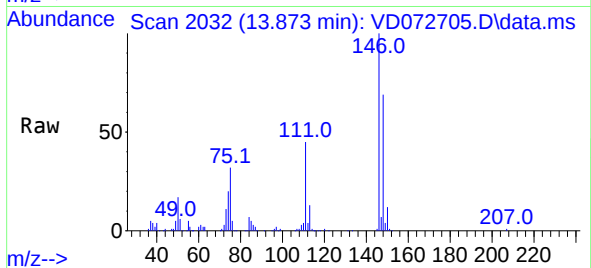
#91
1,2-Dichlorobenzene
Concen: 19.124 ug/l
RT: 13.873 min Scan# 2033
Delta R.T. -0.006 min
Lab File: VD072705.D
Acq: 25 Apr 2022 13:34

Instrument :
MSVOA_D
ClientSampleId :
VD0425SBS02

Tgt Ion:146 Resp: 172484
Ion Ratio Lower Upper
146 100
111 44.2 21.1 63.3
148 66.3 31.7 95.1

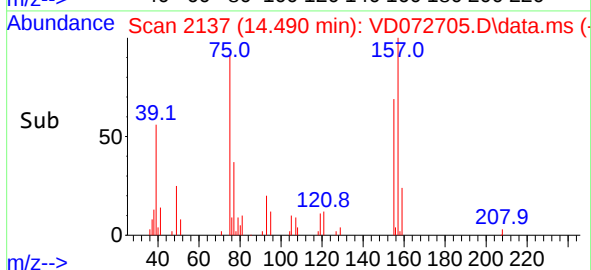
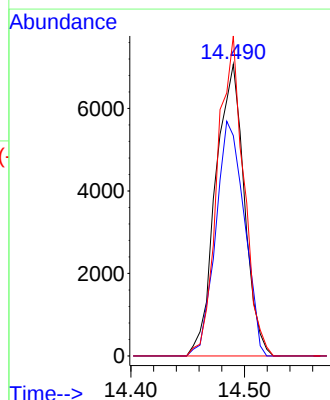
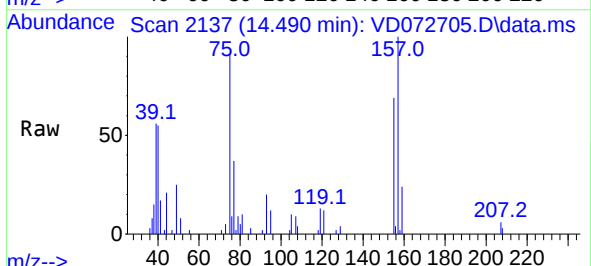
Manual Integrations
APPROVED

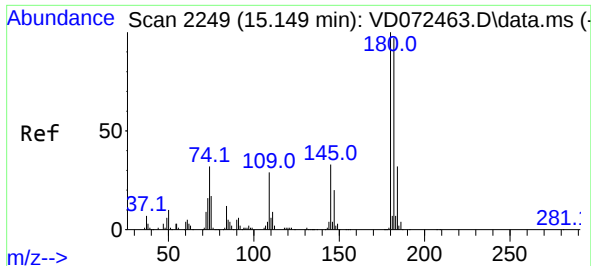
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.047 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VD072705.D
Acq: 25 Apr 2022 13:34

Tgt Ion: 75 Resp: 12364
Ion Ratio Lower Upper
75 100
155 80.6 36.8 110.3
157 100.8 48.4 145.0





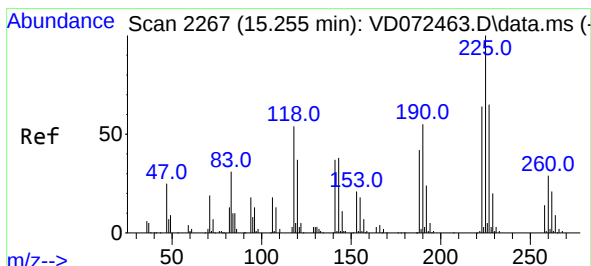
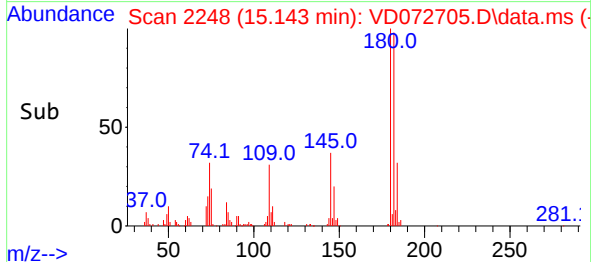
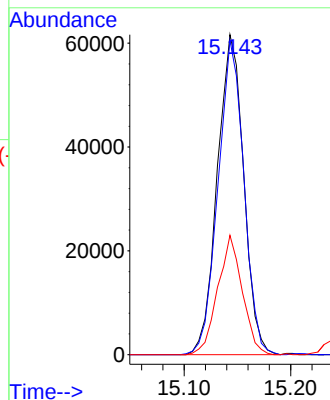
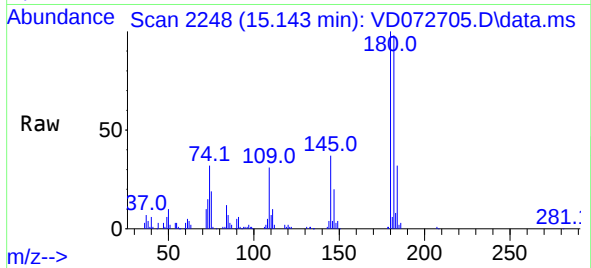
#93
1,2,4-Trichlorobenzene
Concen: 18.915 ug/l
RT: 15.143 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD072705.D
Acq: 25 Apr 2022 13:34

Instrument :
MSVOA_D
ClientSampleId :
VD0425SBSD02

Tgt Ion:180 Resp: 105744
Ion Ratio Lower Upper
180 100
182 96.0 47.3 142.0
145 34.8 16.2 48.5

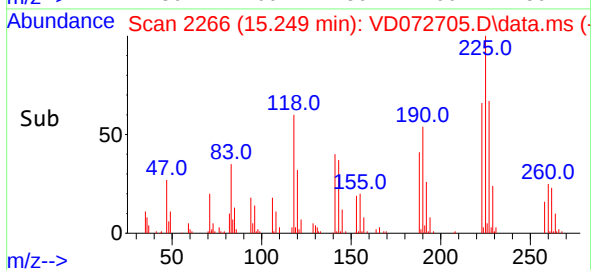
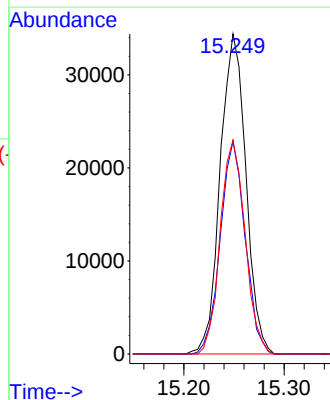
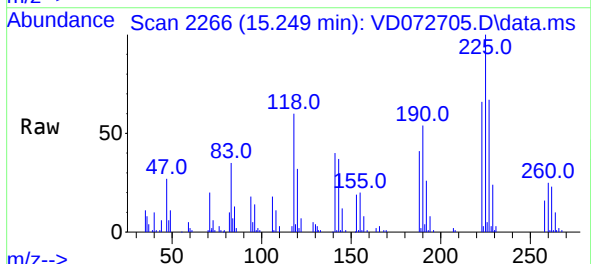
Manual Integrations
APPROVED

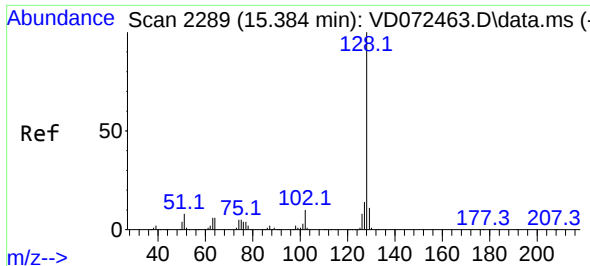
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#94
Hexachlorobutadiene
Concen: 19.518 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. -0.006 min
Lab File: VD072705.D
Acq: 25 Apr 2022 13:34

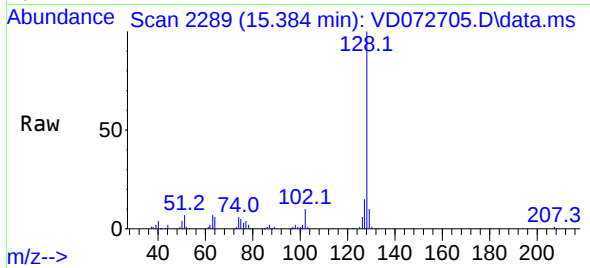
Tgt Ion:225 Resp: 61120
Ion Ratio Lower Upper
225 100
223 64.2 31.1 93.2
227 64.6 32.4 97.0





#95
Naphthalene
Concen: 17.283 ug/l
RT: 15.384 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD072705.D
Acq: 25 Apr 2022 13:34

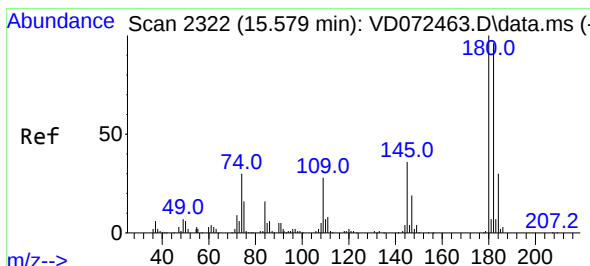
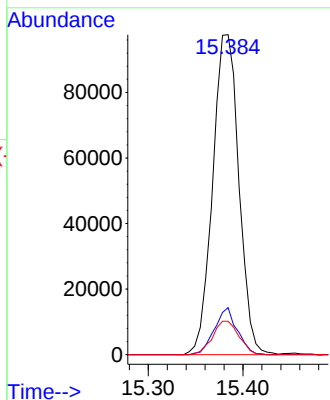
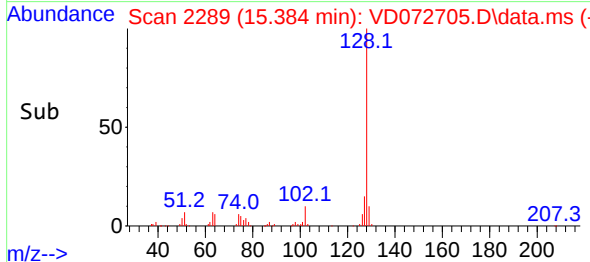
Instrument :
MSVOA_D
ClientSampleId :
VD0425SBSD02



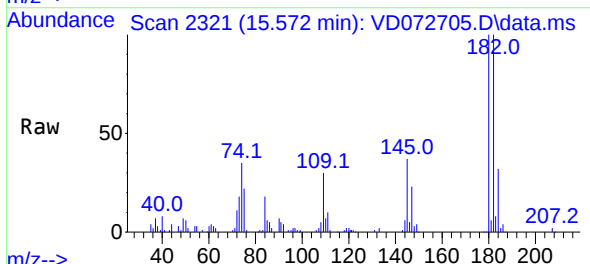
Tgt Ion:128 Resp: 187744
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.6 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#96
1,2,3-Trichlorobenzene
Concen: 19.151 ug/l
RT: 15.572 min Scan# 2321
Delta R.T. -0.006 min
Lab File: VD072705.D
Acq: 25 Apr 2022 13:34



Tgt Ion:180 Resp: 93441
Ion Ratio Lower Upper
180 100
182 96.0 47.6 142.9
145 35.9 17.1 51.3

