

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032122\
 Data File : VD072331.D
 Acq On : 21 Mar 2022 10:50
 Operator : VA/SY
 Sample : VD0321SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0321SBS01

Quant Time: Mar 22 02:09:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/22/2022
 Supervised By : Mahesh Dadoda 03/22/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	362114	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	588297	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	553340	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	282694	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	234685	58.154	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.300%			
35) Dibromofluoromethane	7.909	113	231010	55.801	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.600%			
50) Toluene-d8	10.332	98	841167	55.568	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 111.140%			
62) 4-Bromofluorobenzene	12.620	95	318384	54.131	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 108.260%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.985	85	63787	19.045	ug/l	100
3) Chloromethane	2.209	50	59374	19.949	ug/l	94
4) Vinyl Chloride	2.350	62	58587	20.393	ug/l	98
5) Bromomethane	2.750	94	40954	21.892	ug/l	97
6) Chloroethane	2.915	64	40607	21.378	ug/l	97
7) Trichlorofluoromethane	3.273	101	128965	19.878	ug/l	99
8) Diethyl Ether	3.709	74	36565	20.406	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.097	101	90585	21.897	ug/l	97
10) Methyl Iodide	4.291	142	48776	14.801	ug/l	99
11) Tert butyl alcohol	5.226	59	25878	110.596	ug/l	97
12) 1,1-Dichloroethene	4.062	96	63998	19.230	ug/l	93
13) Acrolein	3.926	56	21722	104.037	ug/l	99
14) Allyl chloride	4.709	41	109717	18.855	ug/l	97
15) Acrylonitrile	5.420	53	104502	115.584	ug/l	98
16) Acetone	4.156	43	104369	119.115	ug/l	100
17) Carbon Disulfide	4.409	76	97193	13.646	ug/l	95
18) Methyl Acetate	4.720	43	59613	27.763	ug/l	93
19) Methyl tert-butyl Ether	5.479	73	202561	22.393	ug/l	94
20) Methylene Chloride	4.962	84	98312	18.640	ug/l	95
21) trans-1,2-Dichloroethene	5.473	96	70309	19.100	ug/l	96
22) Diisopropyl ether	6.367	45	310218	23.373	ug/l	89
23) Vinyl Acetate	6.303	43	728092	107.491	ug/l	96
24) 1,1-Dichloroethane	6.262	63	171506	21.911	ug/l	98
25) 2-Butanone	7.209	43	140584	120.337	ug/l	95
26) 2,2-Dichloropropane	7.209	77	149236	21.131	ug/l	99
27) cis-1,2-Dichloroethene	7.209	96	97690	20.787	ug/l	96
28) Bromochloromethane	7.538	49	68972	21.888	ug/l #	19
29) Tetrahydrofuran	7.561	42	78428	114.169	ug/l	97
30) Chloroform	7.709	83	189124	22.680	ug/l	94
31) Cyclohexane	7.985	56	113797	18.049	ug/l #	85
32) 1,1,1-Trichloroethane	7.897	97	153743	20.759	ug/l	98
36) 1,1-Dichloropropene	8.109	75	109786	18.904	ug/l	98
37) Ethyl Acetate	7.291	43	55209	21.701	ug/l #	93
38) Carbon Tetrachloride	8.097	117	129193	19.570	ug/l	99
39) Methylcyclohexane	9.350	83	116686	17.854	ug/l	98
40) Benzene	8.350	78	331798	20.026	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032122\
 Data File : VD072331.D
 Acq On : 21 Mar 2022 10:50
 Operator : VA/SY
 Sample : VD0321SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0321SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/22/2022
 Supervised By : Mahesh Dadoda 03/22/2022

Quant Time: Mar 22 02:09:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	35072	23.652	ug/l	91
42) 1,2-Dichloroethane	8.420	62	106855	21.260	ug/l	96
43) Isopropyl Acetate	8.450	43	110741	22.427	ug/l #	96
44) Trichloroethene	9.108	130	92362	19.857	ug/l	96
45) 1,2-Dichloropropane	9.379	63	98867	21.758	ug/l	95
46) Dibromomethane	9.467	93	48101	21.519	ug/l	94
47) Bromodichloromethane	9.656	83	142256	21.831	ug/l	99
48) Methyl methacrylate	9.450	41	53032	22.492	ug/l	93
49) 1,4-Dioxane	9.456	88	12500	466.344	ug/l #	92
51) 4-Methyl-2-Pentanone	10.220	43	309174	119.213	ug/l	96
52) Toluene	10.397	92	219350	20.119	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	126740	21.288	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	149749	21.758	ug/l	94
55) 1,1,2-Trichloroethane	10.791	97	78228	22.974	ug/l	99
56) Ethyl methacrylate	10.655	69	84181	21.107	ug/l	94
57) 1,3-Dichloropropane	10.938	76	127450	22.302	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	180552	100.684	ug/l	98
59) 2-Hexanone	10.979	43	217228	121.273	ug/l	97
60) Dibromochloromethane	11.132	129	98175	22.220	ug/l	97
61) 1,2-Dibromoethane	11.238	107	66368	21.570	ug/l	98
64) Tetrachloroethene	10.867	164	75167	19.280	ug/l	96
65) Chlorobenzene	11.661	112	256227	20.887	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	107365	22.132	ug/l	99
67) Ethyl Benzene	11.738	91	443201	20.228	ug/l	100
68) m/p-Xylenes	11.844	106	337827	40.606	ug/l	100
69) o-Xylene	12.173	106	161533	20.299	ug/l	100
70) Styrene	12.185	104	297003	21.373	ug/l	97
71) Bromoform	12.349	173	57698	22.266	ug/l #	98
73) Isopropylbenzene	12.473	105	462158	20.630	ug/l	99
74) N-amyl acetate	12.279	43	109668	22.780	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	91350	22.800	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	69099m	22.159	ug/l	
77) Bromobenzene	12.749	156	109306	21.678	ug/l	92
78) n-propylbenzene	12.808	91	573487	21.076	ug/l	99
79) 2-Chlorotoluene	12.897	91	333538	21.198	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	417260	21.681	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	27478	21.863	ug/l	91
82) 4-Chlorotoluene	12.996	91	355156	21.800	ug/l	99
83) tert-Butylbenzene	13.214	119	352646	20.900	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	401360	21.165	ug/l	99
85) sec-Butylbenzene	13.391	105	535464	21.132	ug/l	98
86) p-Isopropyltoluene	13.502	119	445434	21.363	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	227983	21.574	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	222305	21.215	ug/l	99
89) n-Butylbenzene	13.832	91	432067	21.740	ug/l	99
90) Hexachloroethane	14.096	117	89881	21.994	ug/l	100
91) 1,2-Dichlorobenzene	13.873	146	200708	21.785	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.491	75	14281	22.334	ug/l	94
93) 1,2,4-Trichlorobenzene	15.143	180	130291	21.360	ug/l	99
94) Hexachlorobutadiene	15.249	225	72171	20.340	ug/l	97
95) Naphthalene	15.385	128	223760	21.281	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	111127	21.047	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032122\
Data File : VD072331.D
Acq On : 21 Mar 2022 10:50
Operator : VA/SY
Sample : VD0321SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0321SBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

Quant Time: Mar 22 02:09:49 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 14 05:18:06 2022
Response via : Initial Calibration

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

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

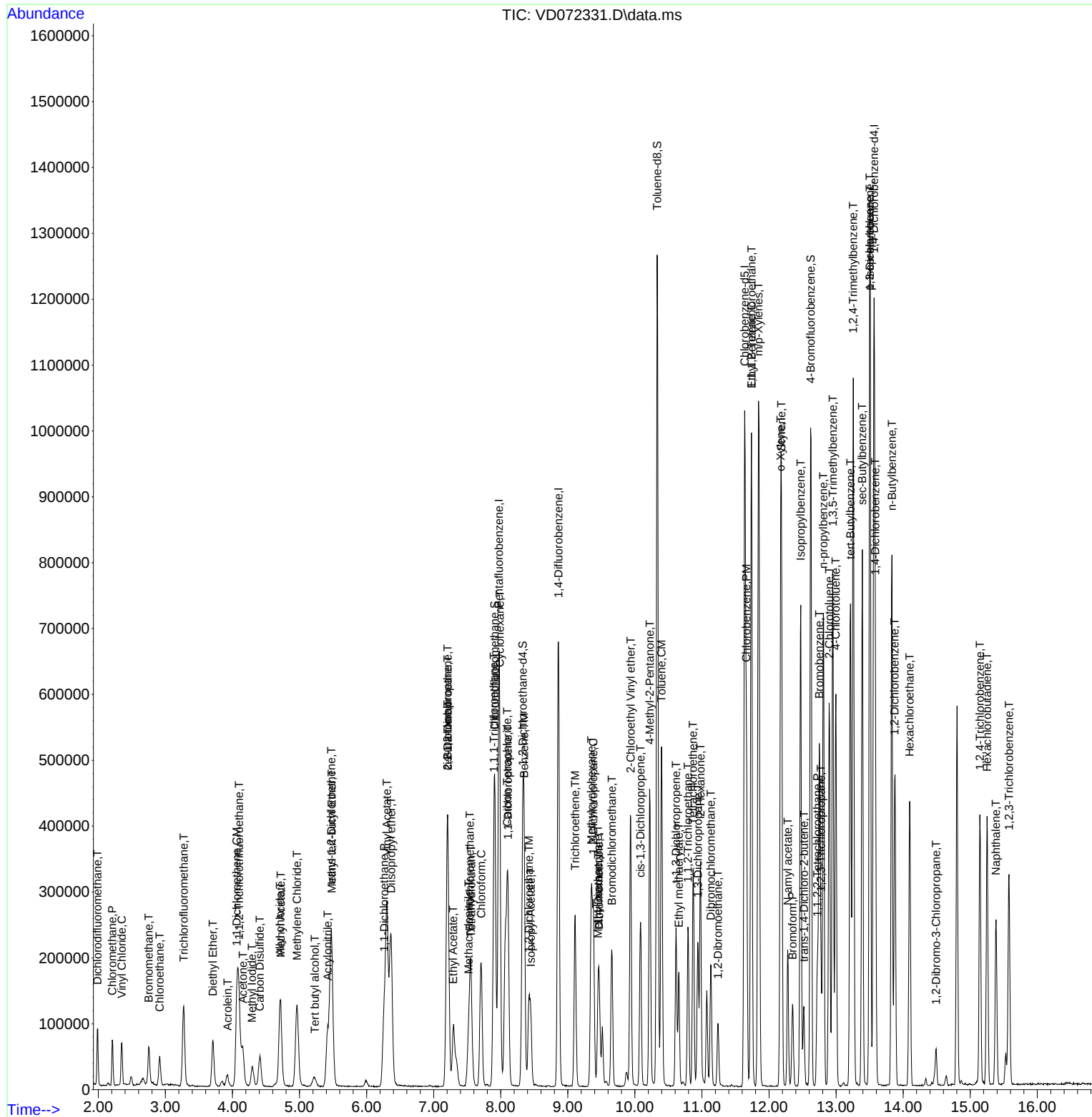
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032122\
 Data File : VD072331.D
 Acq On : 21 Mar 2022 10:50
 Operator : VA/SY
 Sample : VD0321SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

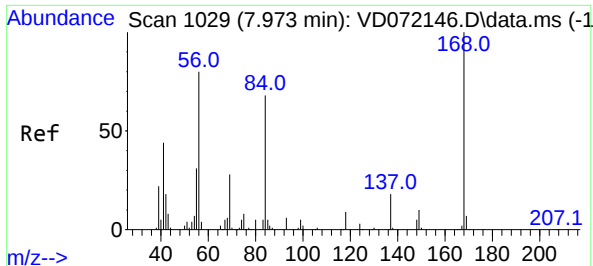
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0321SBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 03/22/2022
 Supervised By :Mahesh Dadoda 03/22/2022

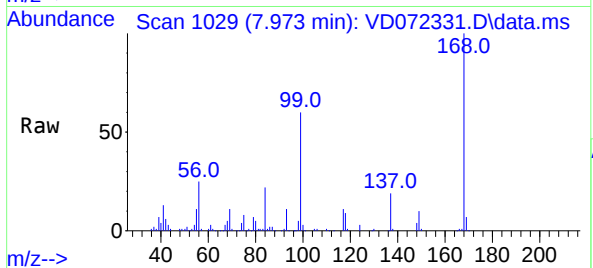
Quant Time: Mar 22 02:09:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration





Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50

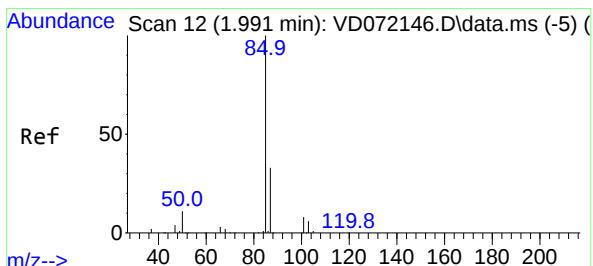
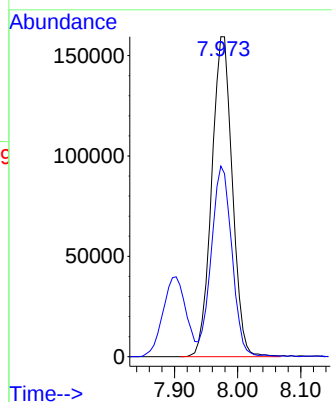
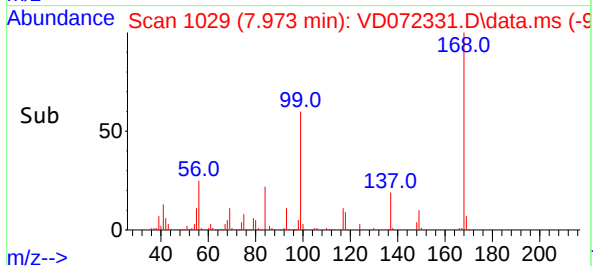
Instrument :
MSVOA_D
ClientSampleId :
VD0321SBS01



Tgt Ion:168 Resp: 362114
Ion Ratio Lower Upper
168 100
99 59.3 49.8 74.6

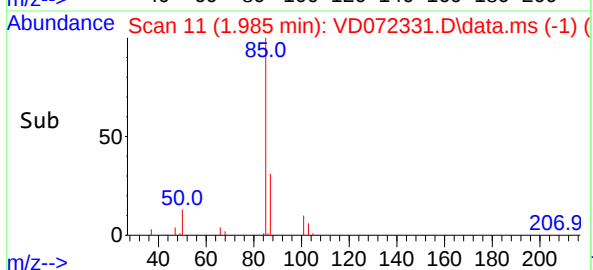
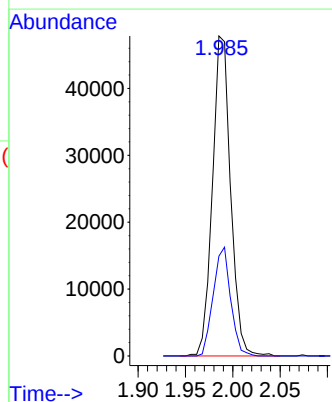
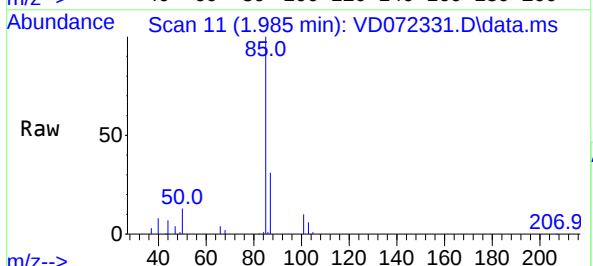
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

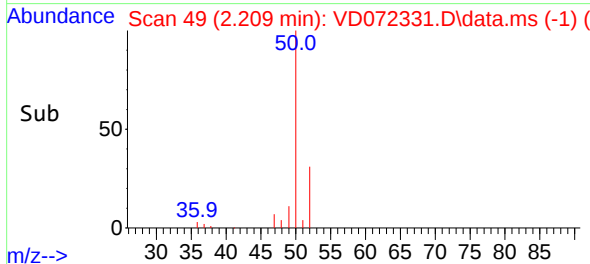
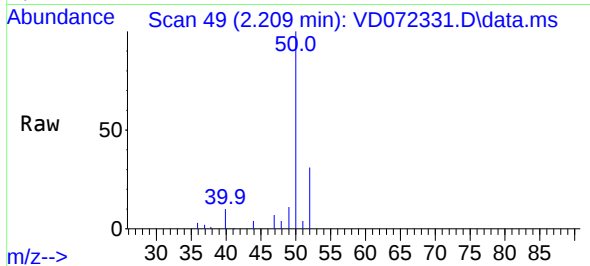
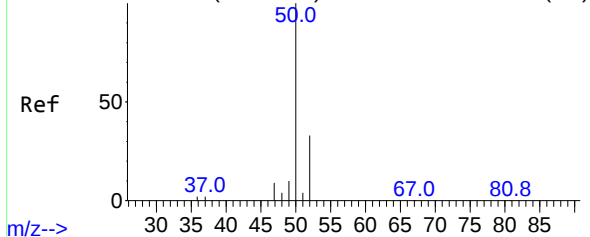


Dichlorodifluoromethane
Concen: 19.045 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50

Tgt Ion: 85 Resp: 63787
Ion Ratio Lower Upper
85 100
87 31.2 15.7 47.0



Abundance Scan 49 (2.209 min): VD072146.D\data.ms (-42)



#3

Chloromethane

Concen: 19.949 ug/l

RT: 2.209 min Scan# 49

Delta R.T. 0.000 min

Lab File: VD072331.D

Acq: 21 Mar 2022 10:50

Instrument :

MSVOA_D

ClientSampleId :

VD0321SBS01

Tgt Ion: 50 Resp: 59374

Ion Ratio Lower Upper

50 100

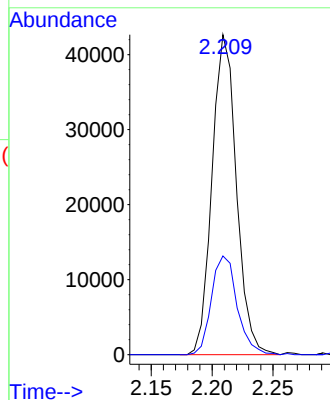
52 30.8 27.4 41.0

Manual Integrations

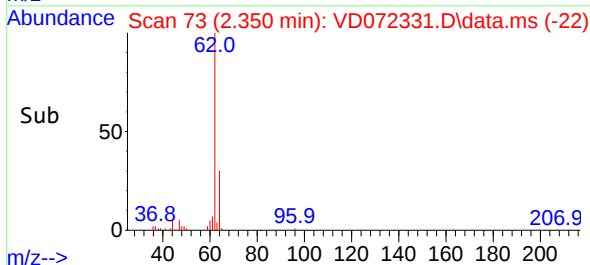
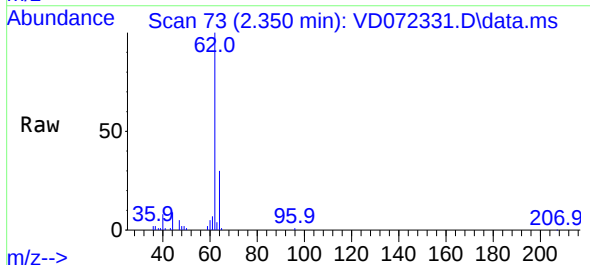
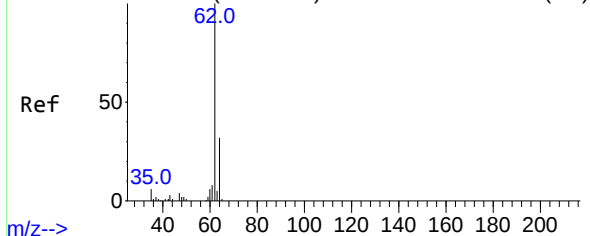
APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 03/22/2022



Abundance Scan 73 (2.350 min): VD072146.D\data.ms (-66)



#4

Vinyl Chloride

Concen: 20.393 ug/l

RT: 2.350 min Scan# 73

Delta R.T. 0.000 min

Lab File: VD072331.D

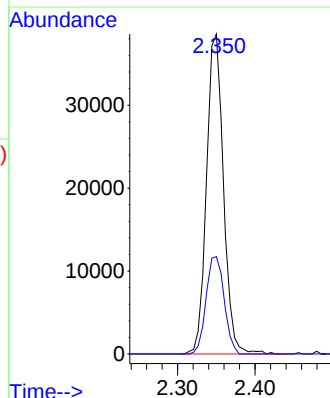
Acq: 21 Mar 2022 10:50

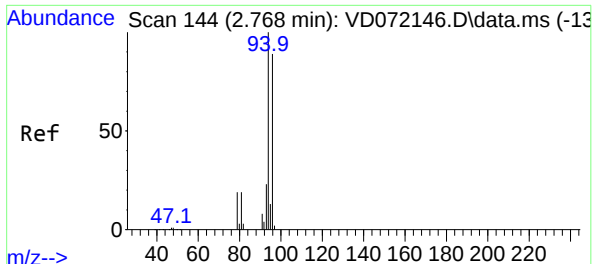
Tgt Ion: 62 Resp: 58587

Ion Ratio Lower Upper

62 100

64 30.4 25.4 38.0





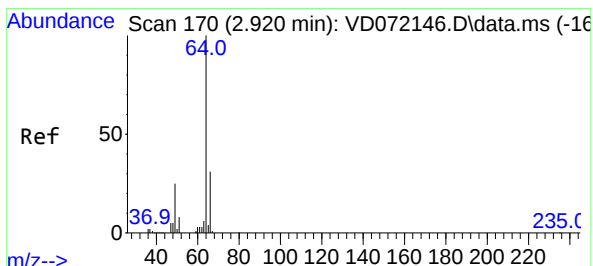
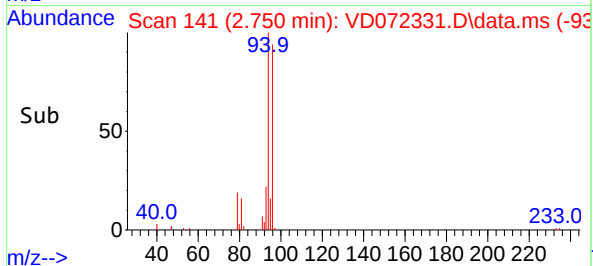
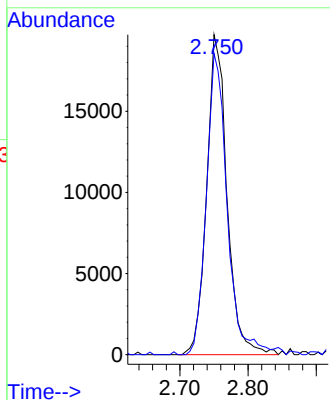
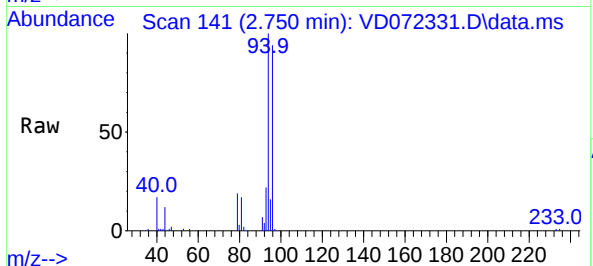
#5
Bromomethane
Concen: 21.892 ug/l
RT: 2.750 min Scan# 144
Delta R.T. -0.018 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50

Instrument :
MSVOA_D
ClientSampleId :
VD0321SBS01

Tgt Ion: 94 Resp: 40954
Ion Ratio Lower Upper
94 100
96 94.1 77.6 116.4

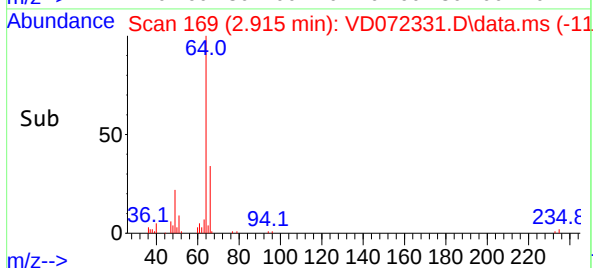
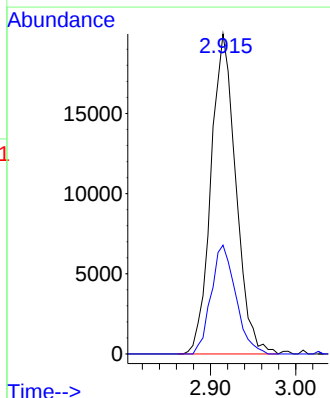
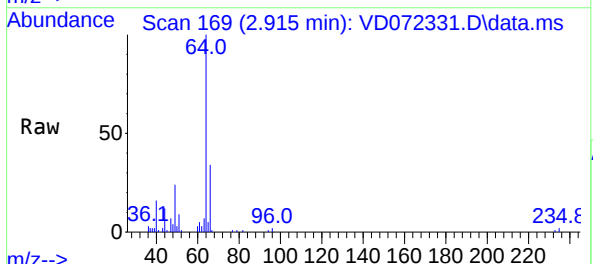
Manual Integrations
APPROVED

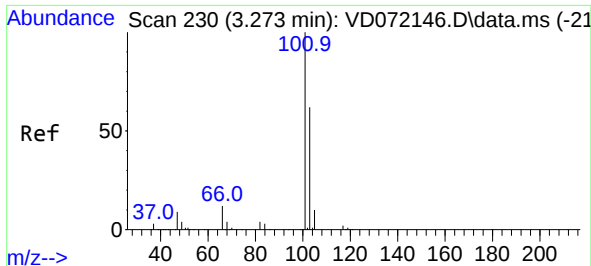
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#6
Chloroethane
Concen: 21.378 ug/l
RT: 2.915 min Scan# 169
Delta R.T. -0.006 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50

Tgt Ion: 64 Resp: 40607
Ion Ratio Lower Upper
64 100
66 34.0 25.9 38.9





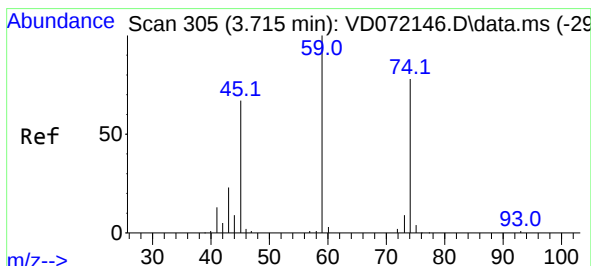
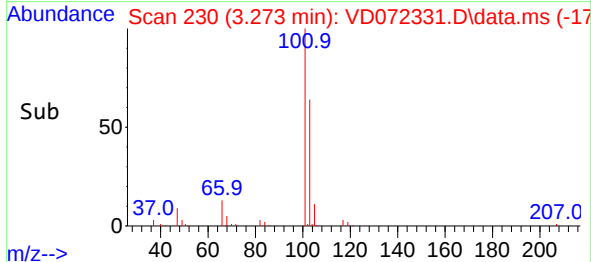
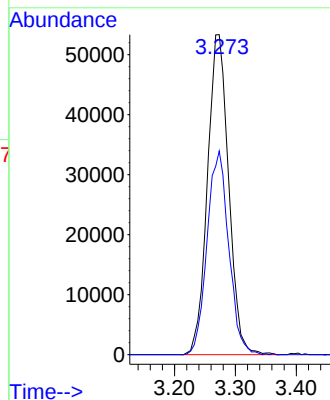
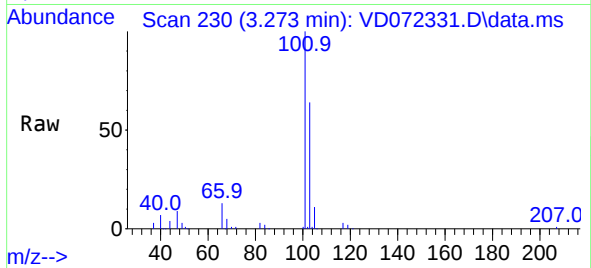
#7
Trichlorofluoromethane
Concen: 19.878 ug/l
RT: 3.273 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50

Instrument :
MSVOA_D
ClientSampleId :
VD0321SBS01

Tgt Ion:101 Resp: 12896
Ion Ratio Lower Upper
101 100
103 63.7 50.1 75.1

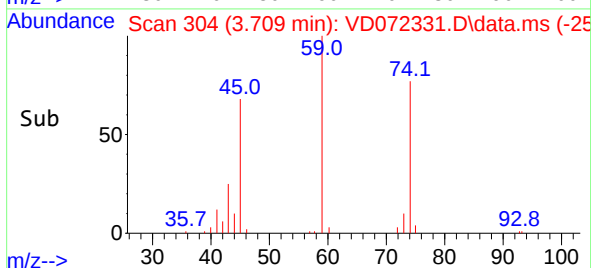
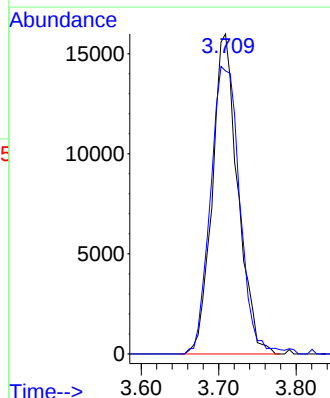
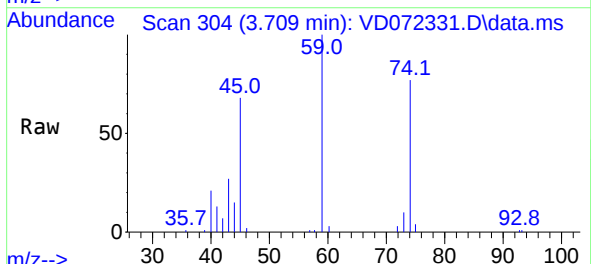
Manual Integrations
APPROVED

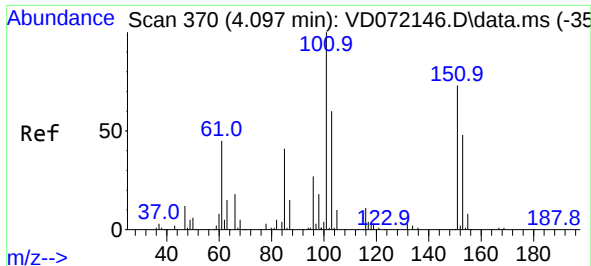
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#8
Diethyl Ether
Concen: 20.406 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.006 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50

Tgt Ion: 74 Resp: 36565
Ion Ratio Lower Upper
74 100
45 103.5 52.6 157.8





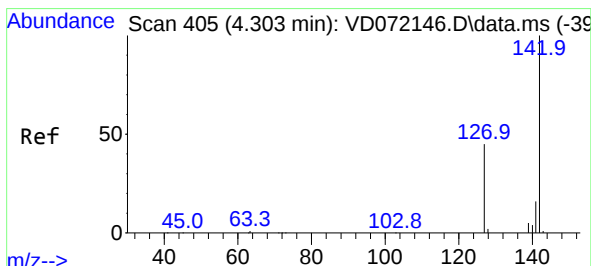
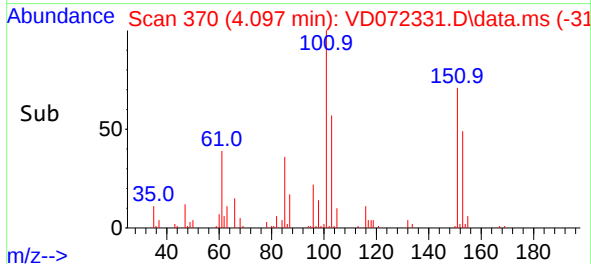
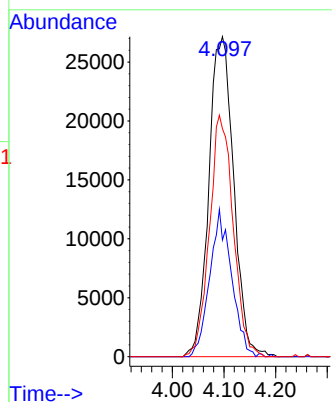
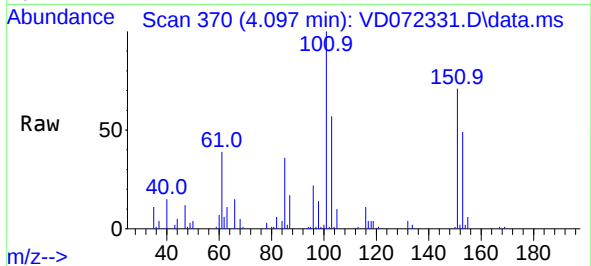
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.897 ug/l
RT: 4.097 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50

Instrument :
MSVOA_D
ClientSampleId :
VD0321SBS01

Tgt Ion:101 Resp: 9058
Ion Ratio Lower Upper
101 100
85 40.6 36.4 54.6
151 72.1 57.3 85.9

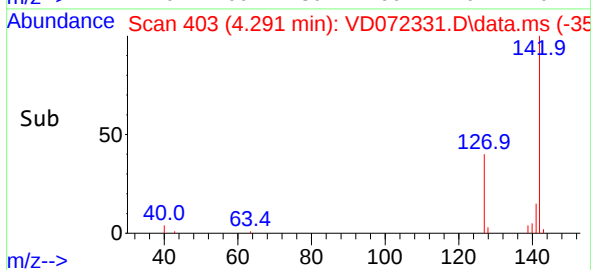
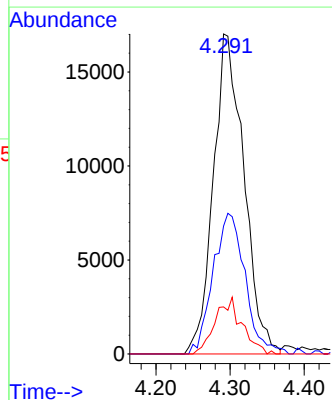
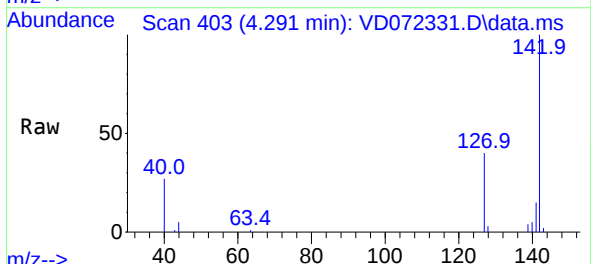
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#10
Methyl Iodide
Concen: 14.801 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.012 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50

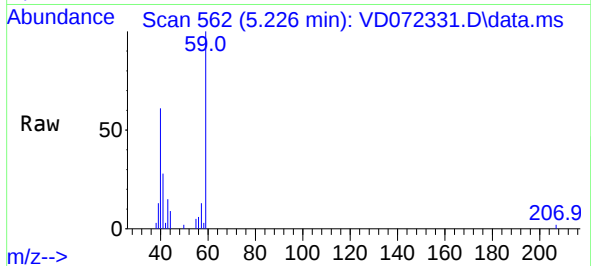
Tgt Ion:142 Resp: 48776
Ion Ratio Lower Upper
142 100
127 46.0 37.3 55.9
141 15.5 11.7 17.5





#11
Tert butyl alcohol
Concen: 110.596 ug/l
RT: 5.226 min Scan# 50
Delta R.T. 0.018 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50

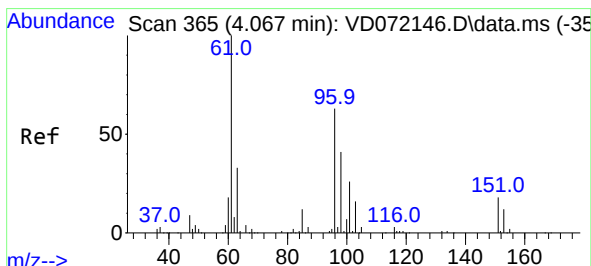
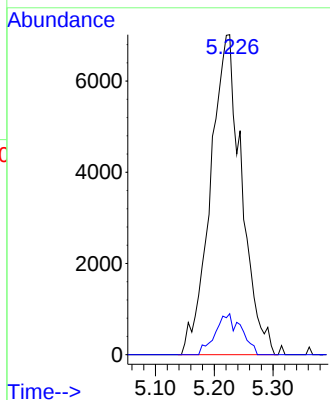
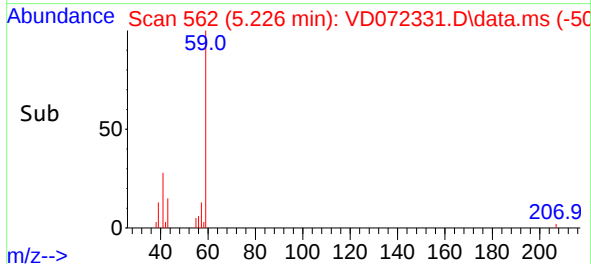
Instrument :
MSVOA_D
ClientSampleId :
VD0321SBS01



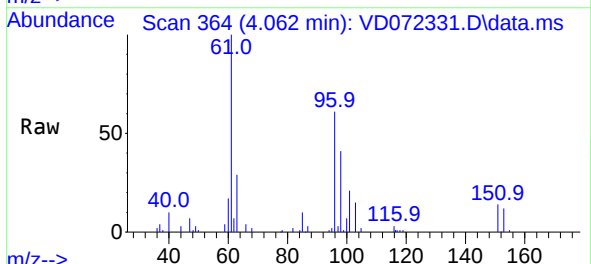
Tgt Ion: 59 Resp: 25878
Ion Ratio Lower Upper
59 100
57 10.7 7.8 11.6

Manual Integrations
APPROVED

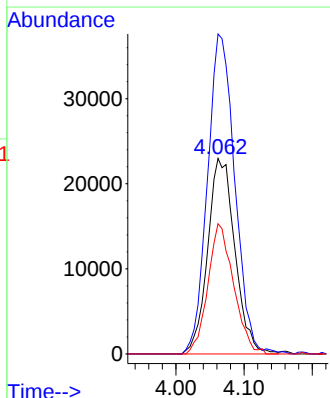
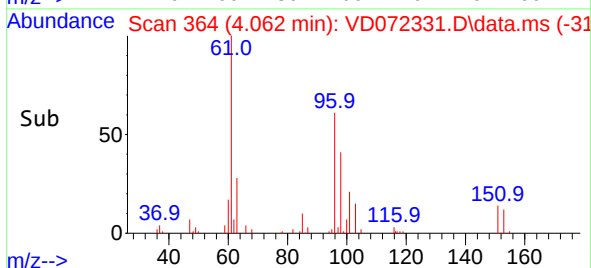
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#12
1,1-Dichloroethene
Concen: 19.230 ug/l
RT: 4.062 min Scan# 364
Delta R.T. -0.006 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50



Tgt Ion: 96 Resp: 63998
Ion Ratio Lower Upper
96 100
61 163.7 138.5 207.7
98 66.6 48.6 73.0





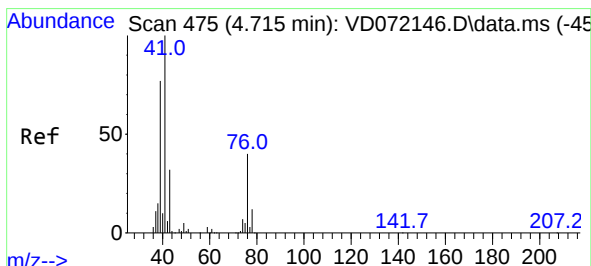
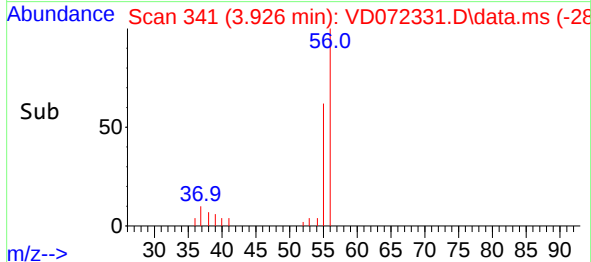
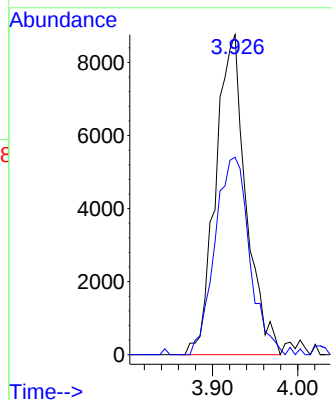
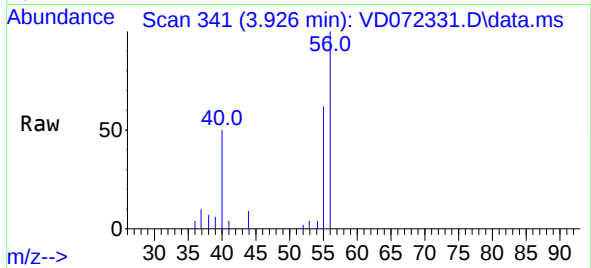
#13
Acrolein
Concen: 104.037 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.006 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50

Instrument :
MSVOA_D
ClientSampleId :
VD0321SBS01

Tgt Ion: 56 Resp: 2172
Ion Ratio Lower Upper
56 100
55 70.2 57.1 85.7

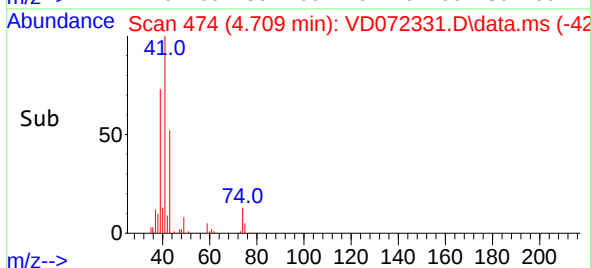
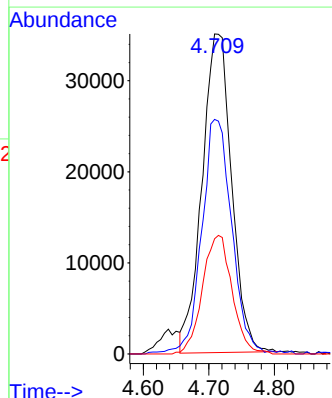
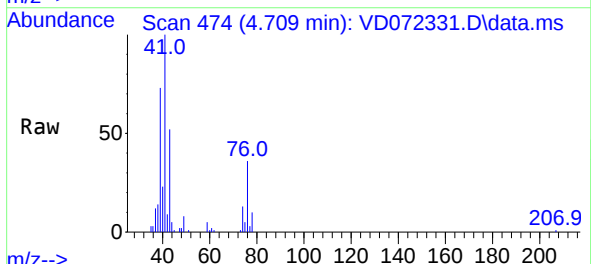
Manual Integrations
APPROVED

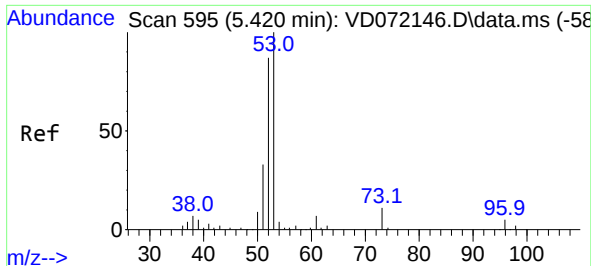
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#14
Allyl chloride
Concen: 18.855 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50

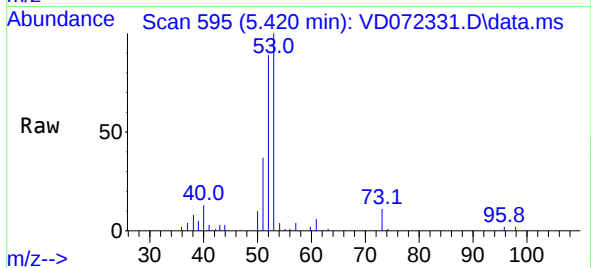
Tgt Ion: 41 Resp: 109717
Ion Ratio Lower Upper
41 100
39 74.7 59.3 88.9
76 37.2 25.7 38.5





#15
Acrylonitrile
Concen: 115.584 ug/l
RT: 5.420 min Scan# 595
Delta R.T. 0.000 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50

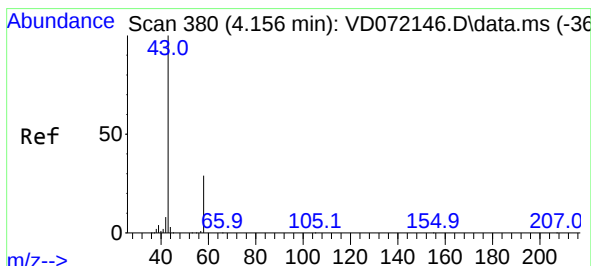
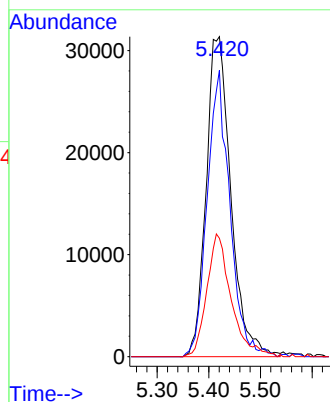
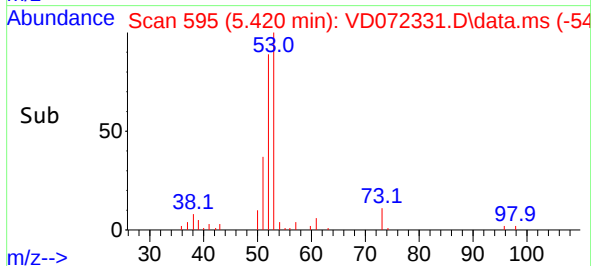
Instrument :
MSVOA_D
ClientSampleId :
VD0321SBS01



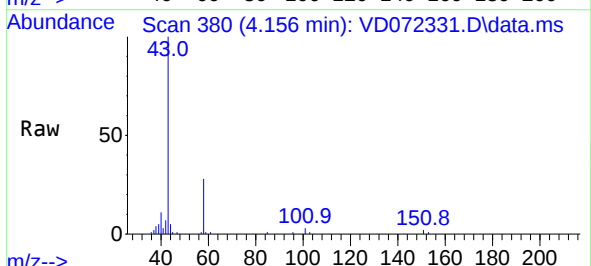
Tgt Ion: 53 Resp: 104502
Ion Ratio Lower Upper
53 100
52 81.1 67.2 100.8
51 37.7 30.3 45.5

Manual Integrations
APPROVED

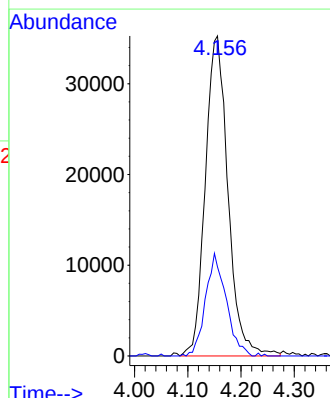
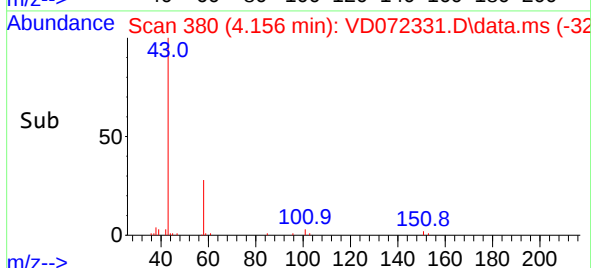
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#16
Acetone
Concen: 119.115 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50



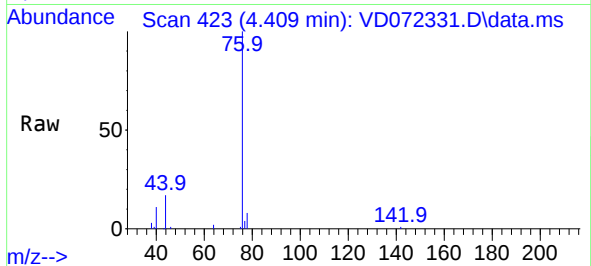
Tgt Ion: 43 Resp: 104369
Ion Ratio Lower Upper
43 100
58 27.8 22.1 33.1





#17
Carbon Disulfide
Concen: 13.646 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50

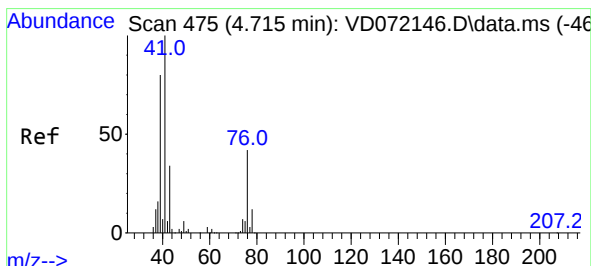
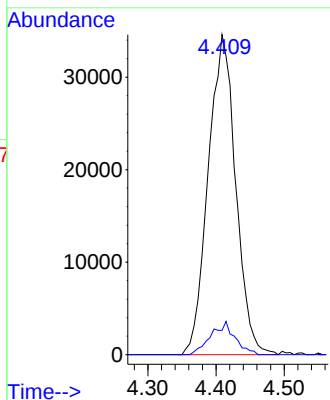
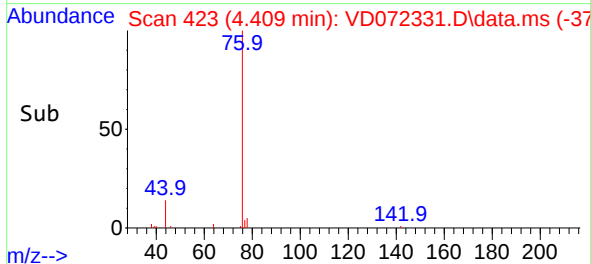
Instrument :
MSVOA_D
ClientSampleId :
VD0321SBS01



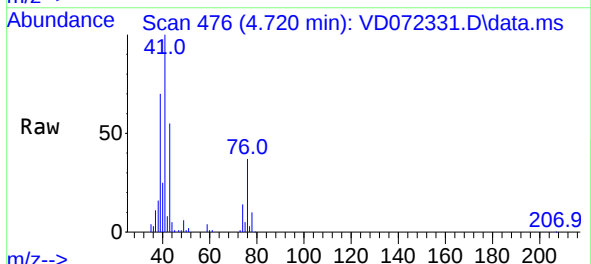
Tgt Ion: 76 Resp: 9719
Ion Ratio Lower Upper
76 100
78 7.6 7.5 11.3

Manual Integrations
APPROVED

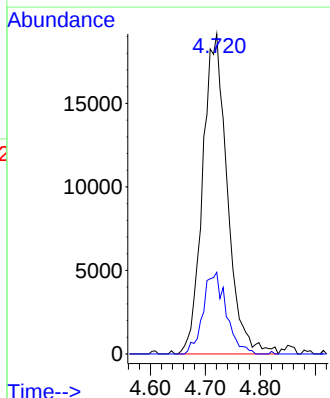
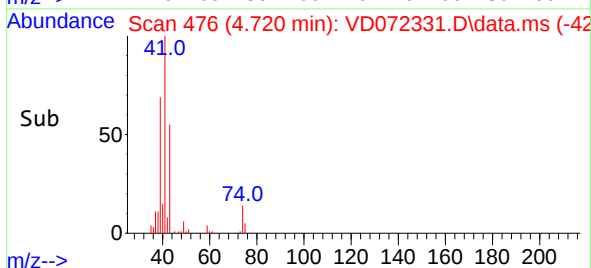
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

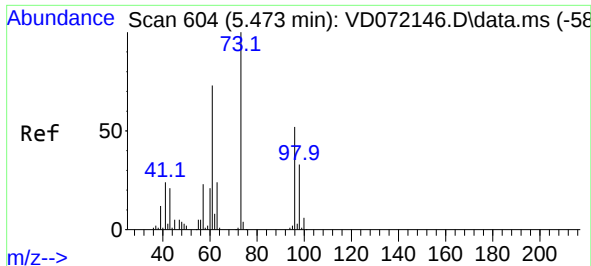


#18
Methyl Acetate
Concen: 27.763 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.006 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50



Tgt Ion: 43 Resp: 59613
Ion Ratio Lower Upper
43 100
74 24.0 16.7 25.1





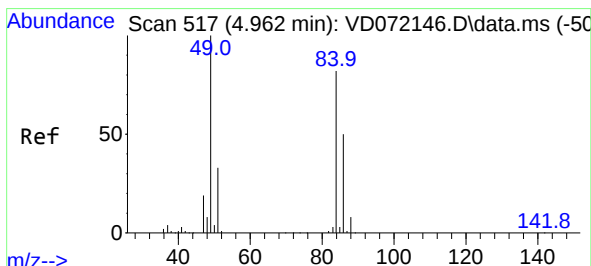
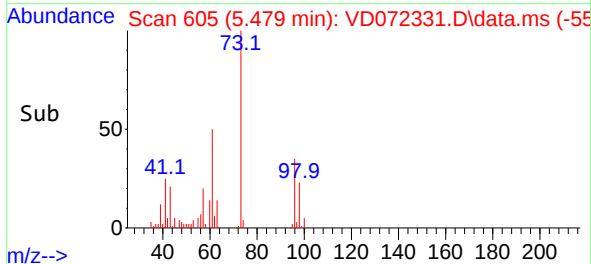
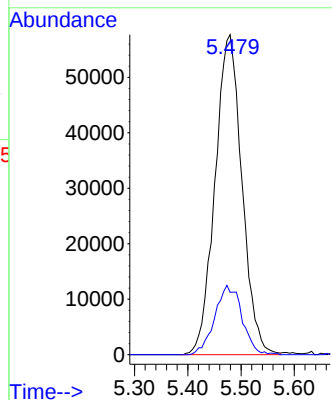
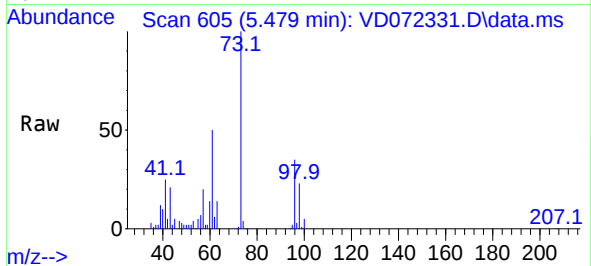
#19
Methyl tert-butyl Ether
Concen: 22.393 ug/l
RT: 5.479 min Scan# 604
Delta R.T. 0.006 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50

Instrument :
MSVOA_D
ClientSampleId :
VD0321SBS01

Tgt Ion: 73 Resp: 20256
Ion Ratio Lower Upper
73 100
57 19.5 18.0 27.0

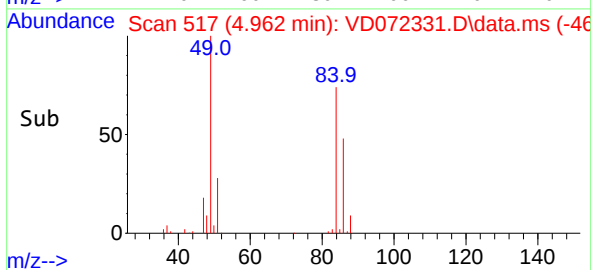
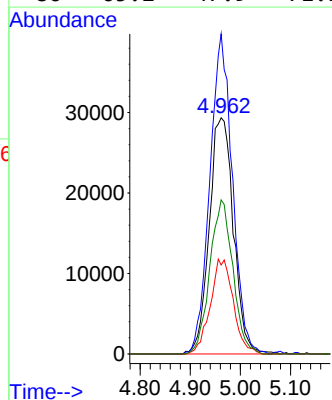
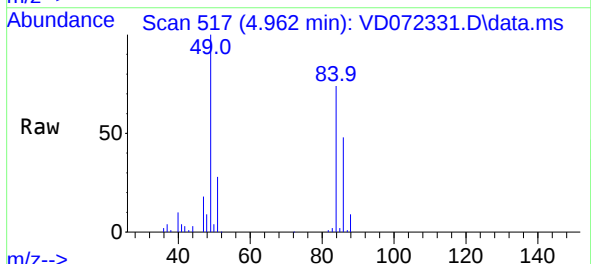
Manual Integrations
APPROVED

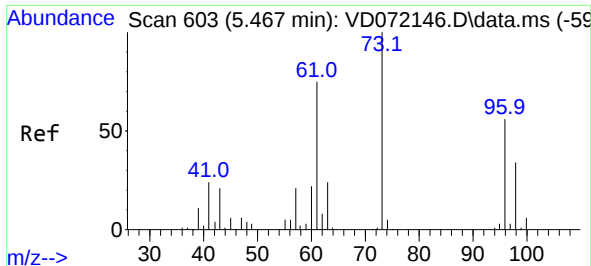
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#20
Methylene Chloride
Concen: 18.640 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50

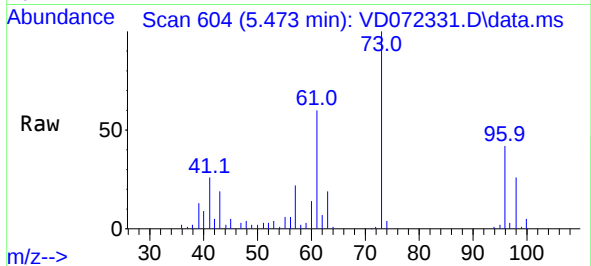
Tgt Ion: 84 Resp: 98312
Ion Ratio Lower Upper
84 100
49 135.5 112.8 169.2
51 37.7 32.6 48.8
86 65.2 47.9 71.9





#21
trans-1,2-Dichloroethene
Concen: 19.100 ug/l
RT: 5.473 min Scan# 603
Delta R.T. 0.006 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50

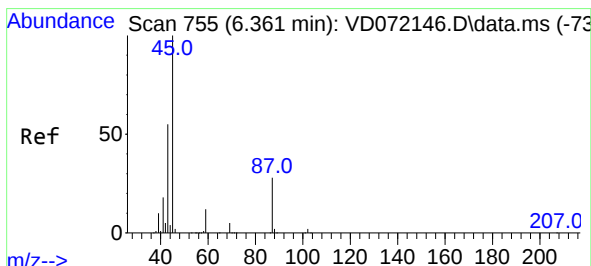
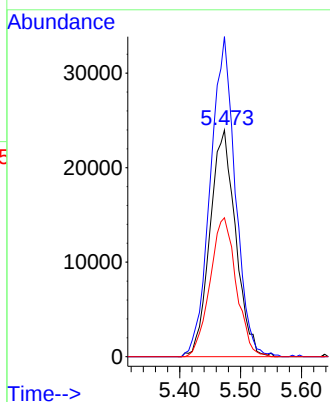
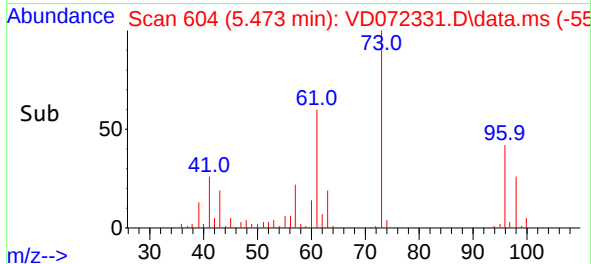
Instrument :
MSVOA_D
ClientSampleId :
VD0321SBS01



Tgt Ion: 96 Resp: 70309
Ion Ratio Lower Upper
96 100
61 141.2 117.9 176.9
98 61.3 49.4 74.2

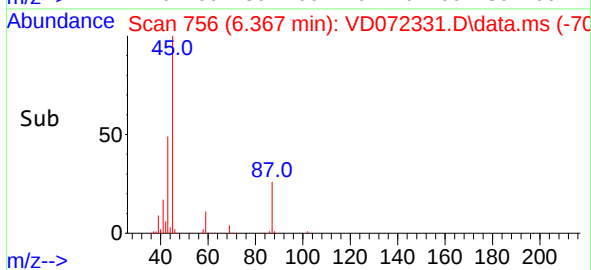
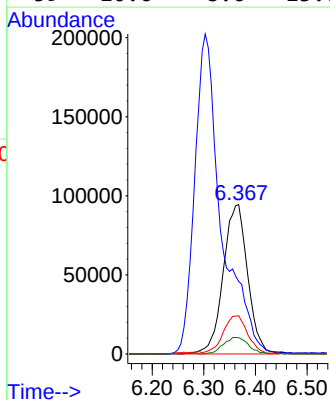
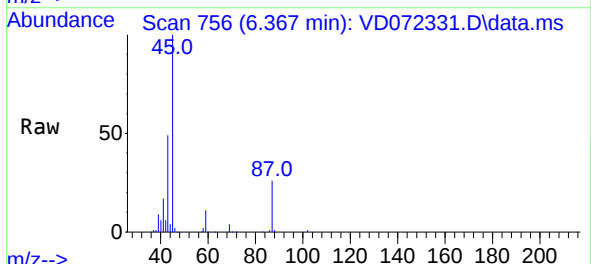
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#22
Diisopropyl ether
Concen: 23.373 ug/l
RT: 6.367 min Scan# 756
Delta R.T. 0.006 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50

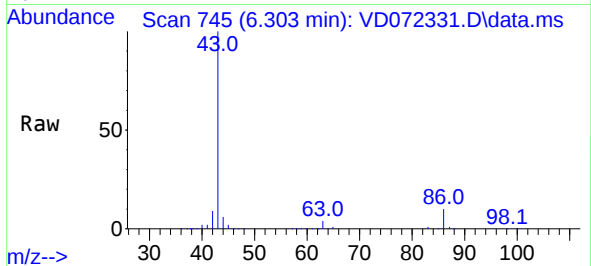
Tgt Ion: 45 Resp: 310218
Ion Ratio Lower Upper
45 100
43 47.2 46.6 70.0
87 25.6 18.4 27.6
59 10.6 8.6 13.0





#23
 Vinyl Acetate
 Concen: 107.491 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. 0.000 min
 Lab File: VD072331.D
 Acq: 21 Mar 2022 10:50

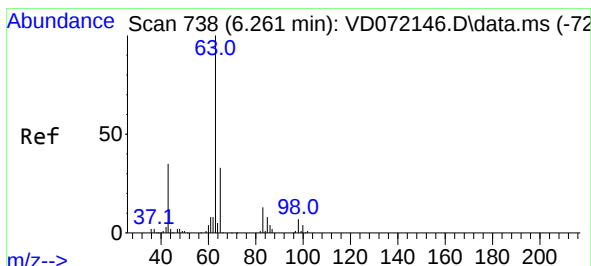
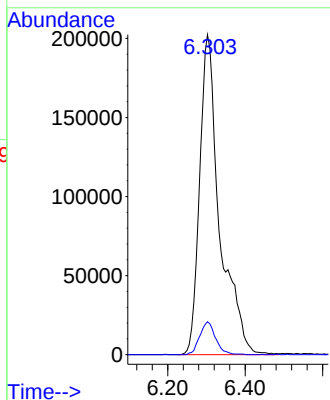
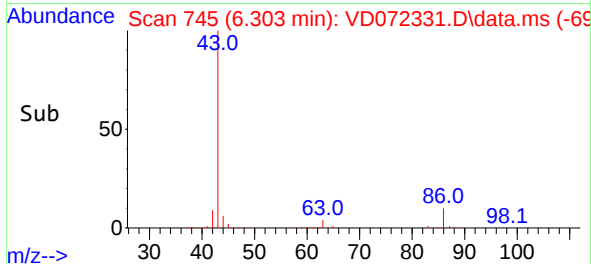
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0321SBS01



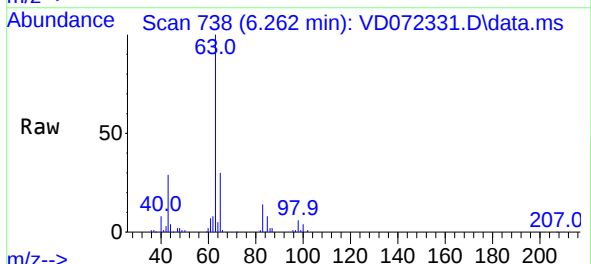
Tgt Ion: 43 Resp: 728092
 Ion Ratio Lower Upper
 43 100
 86 10.3 7.1 10.7

Manual Integrations
 APPROVED

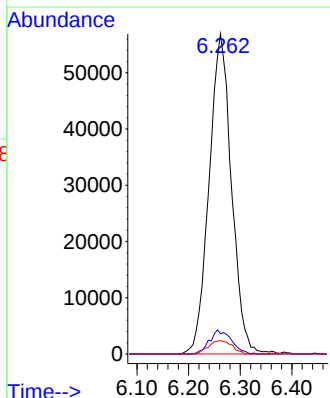
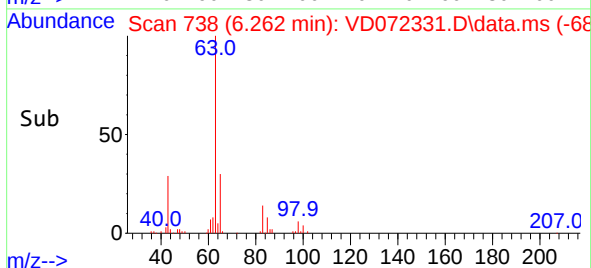
Reviewed By :John Carlone 03/22/2022
 Supervised By :Mahesh Dadoda 03/22/2022

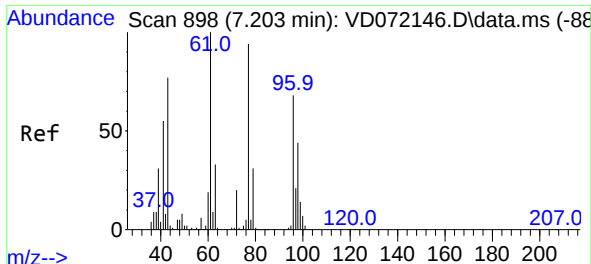


#24
 1,1-Dichloroethane
 Concen: 21.911 ug/l
 RT: 6.262 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD072331.D
 Acq: 21 Mar 2022 10:50



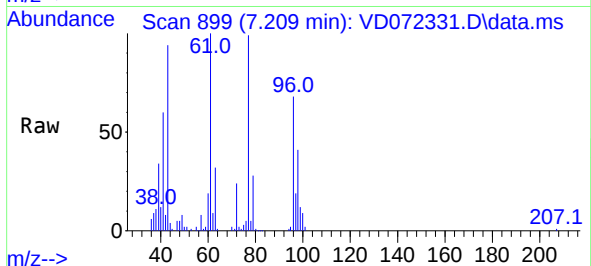
Tgt Ion: 63 Resp: 171506
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.6 10.9
 100 4.1 2.1 6.5





#25
2-Butanone
Concen: 120.337 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50

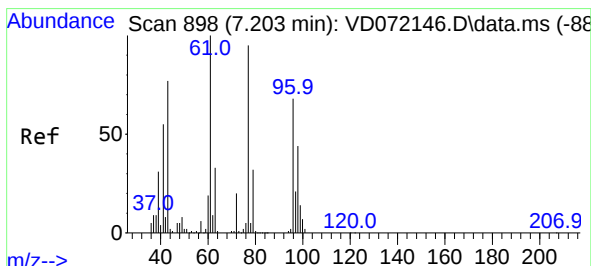
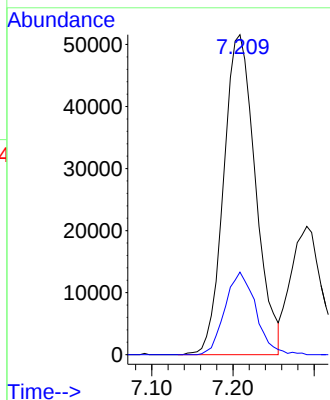
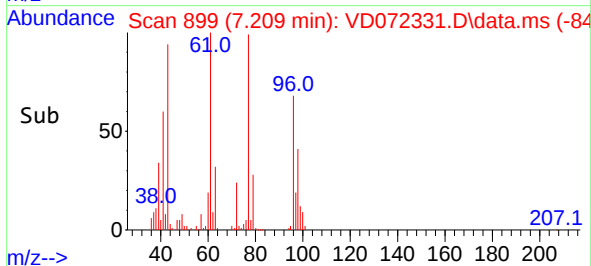
Instrument :
MSVOA_D
ClientSampleId :
VD0321SBS01



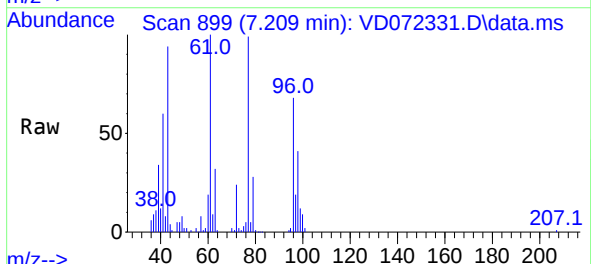
Tgt Ion: 43 Resp: 140584
Ion Ratio Lower Upper
43 100
72 25.8 18.6 27.8

Manual Integrations
APPROVED

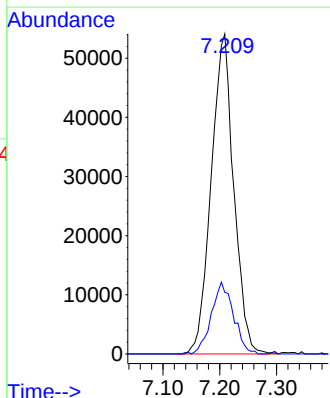
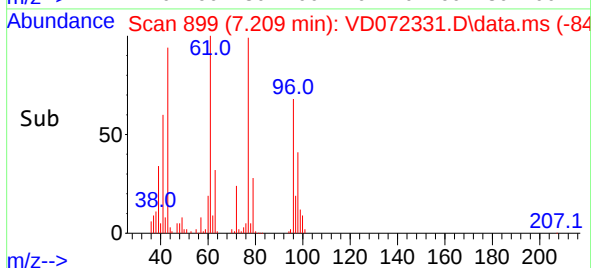
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

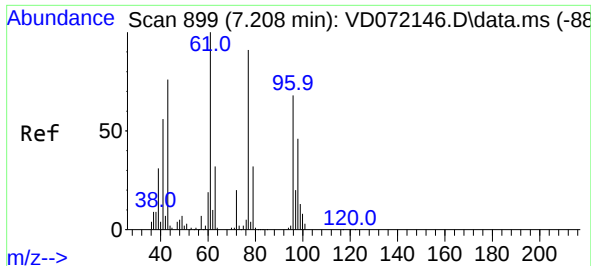


#26
2,2-Dichloropropane
Concen: 21.131 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50



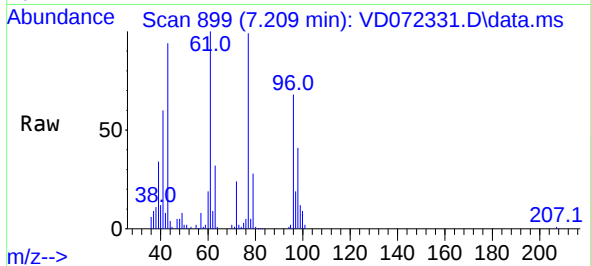
Tgt Ion: 77 Resp: 149236
Ion Ratio Lower Upper
77 100
97 22.0 10.8 32.4





#27
cis-1,2-Dichloroethene
Concen: 20.787 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50

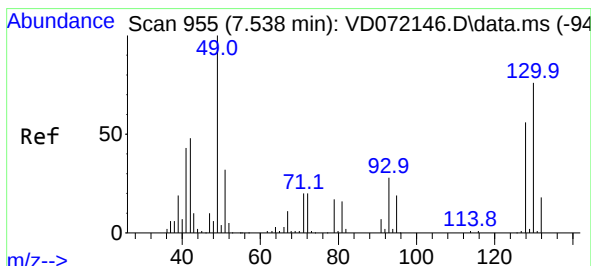
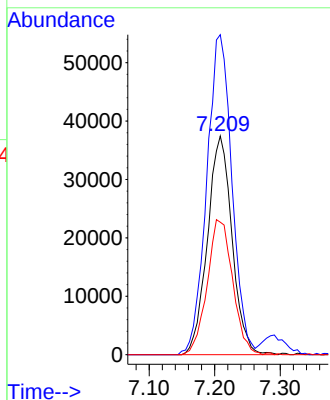
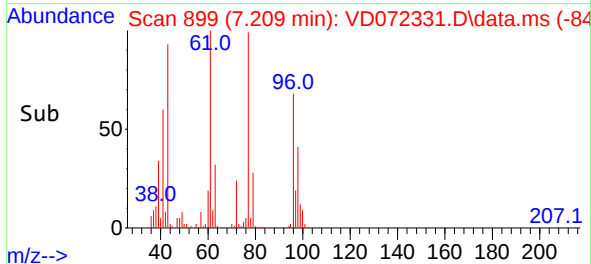
Instrument :
MSVOA_D
ClientSampleId :
VD0321SBS01



Tgt Ion: 96 Resp: 97690
Ion Ratio Lower Upper
96 100
61 149.6 0.0 313.8
98 63.7 0.0 128.8

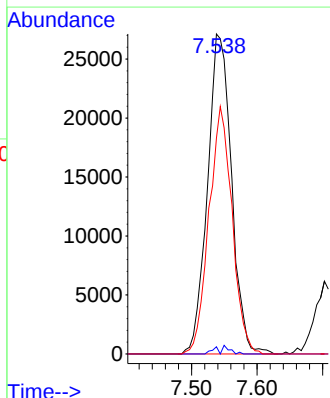
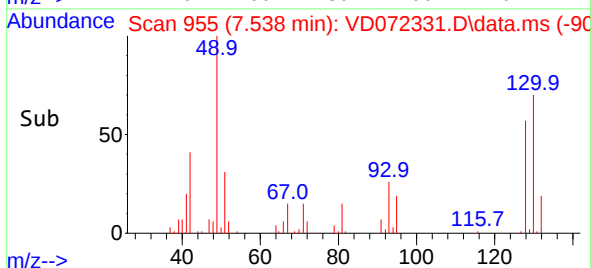
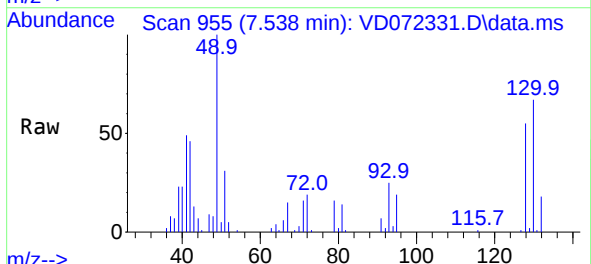
Manual Integrations
APPROVED

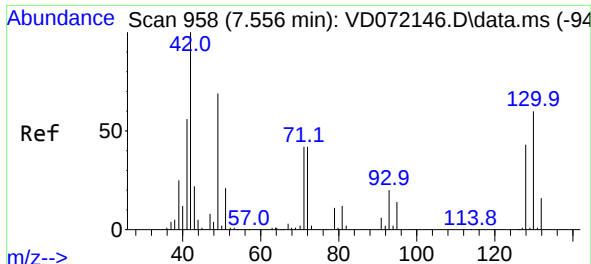
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#28
Bromochloromethane
Concen: 21.888 ug/l
RT: 7.538 min Scan# 955
Delta R.T. 0.000 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50

Tgt Ion: 49 Resp: 68972
Ion Ratio Lower Upper
49 100
129 0.6 0.0 4.0
130 0.0 52.6 79.0#





#29

Tetrahydrofuran

Concen: 114.169 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD072331.D

Acq: 21 Mar 2022 10:50

Instrument :

MSVOA_D

ClientSampleId :

VD0321SBS01

Tgt Ion: 42 Resp: 78428

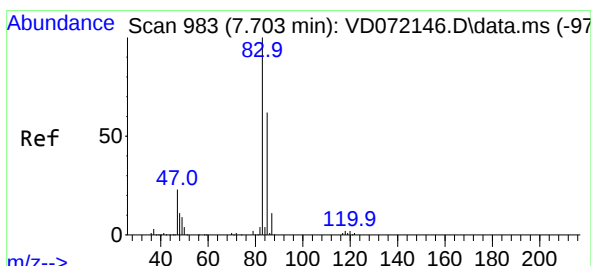
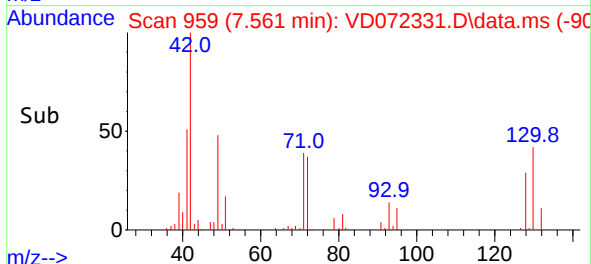
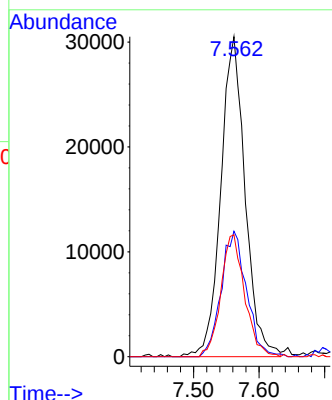
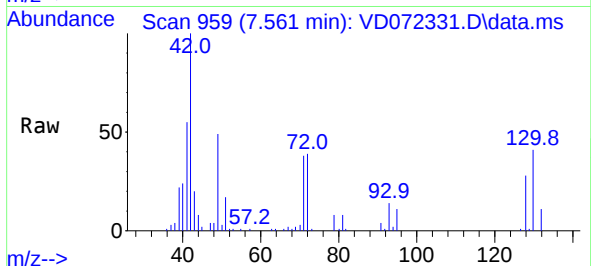
Ion	Ratio	Lower	Upper
42	100		
72	40.9	30.7	46.1
71	37.4	28.6	43.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 03/22/2022



#30

Chloroform

Concen: 22.680 ug/l

RT: 7.709 min Scan# 984

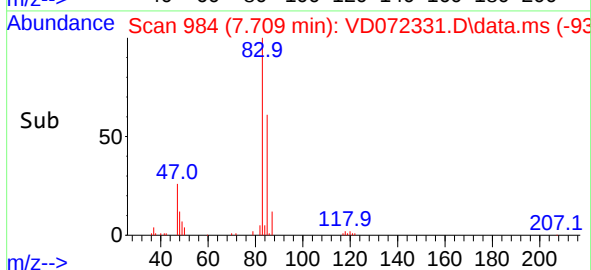
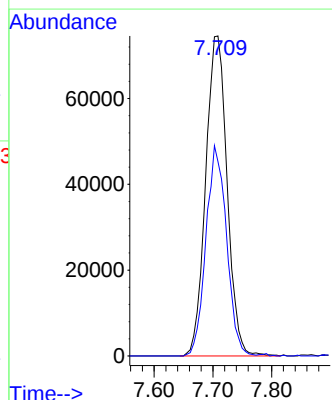
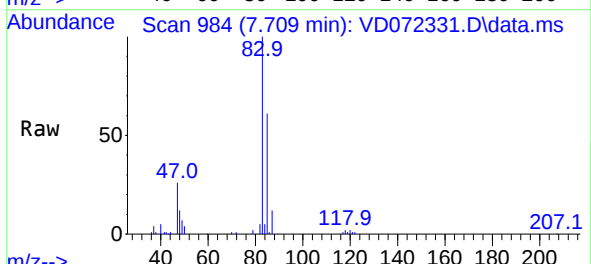
Delta R.T. 0.006 min

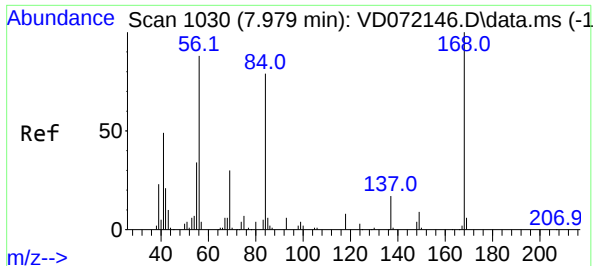
Lab File: VD072331.D

Acq: 21 Mar 2022 10:50

Tgt Ion: 83 Resp: 189124

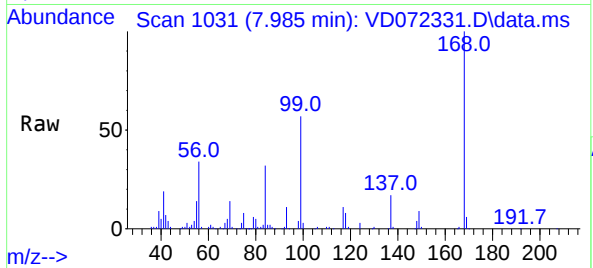
Ion	Ratio	Lower	Upper
83	100		
85	60.8	52.7	79.1





#31
Cyclohexane
Concen: 18.049 ug/l
RT: 7.985 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50

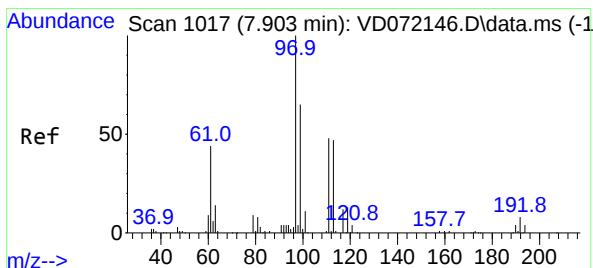
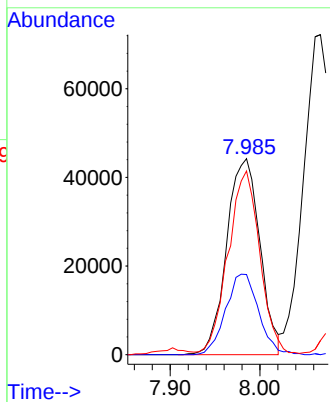
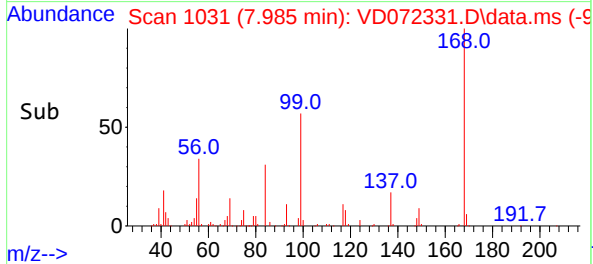
Instrument :
MSVOA_D
ClientSampleId :
VD0321SBS01



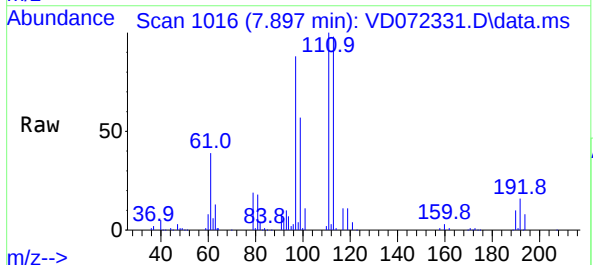
Tgt Ion: 56 Resp: 11379
Ion Ratio Lower Upper
56 100
69 40.9 25.4 38.2
84 91.6 63.0 94.4

Manual Integrations
APPROVED

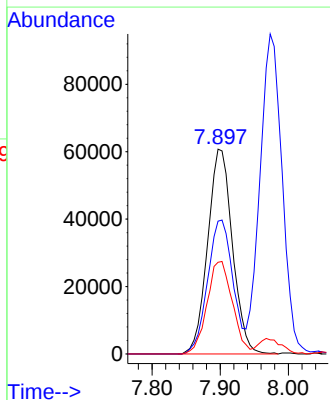
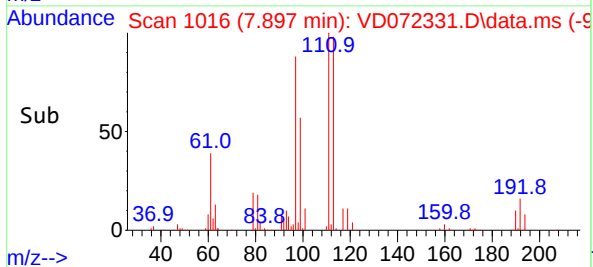
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#32
1,1,1-Trichloroethane
Concen: 20.759 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50



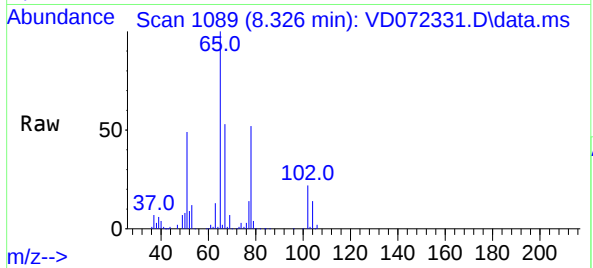
Tgt Ion: 97 Resp: 153743
Ion Ratio Lower Upper
97 100
99 67.4 52.4 78.6
61 46.0 38.0 57.0





#33
1,2-Dichloroethane-d4
Concen: 58.154 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50

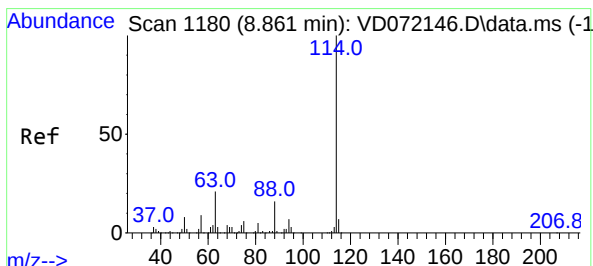
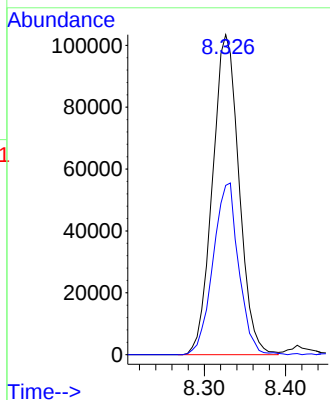
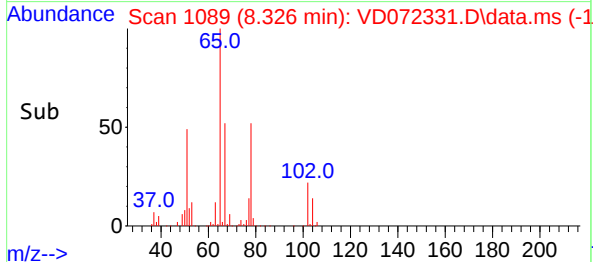
Instrument :
MSVOA_D
ClientSampleId :
VD0321SBS01



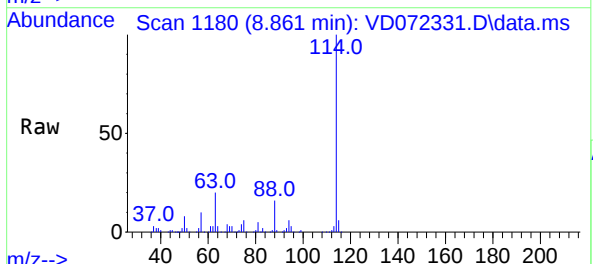
Tgt Ion: 65 Resp: 23468
Ion Ratio Lower Upper
65 100
67 52.0 0.0 101.4

Manual Integrations
APPROVED

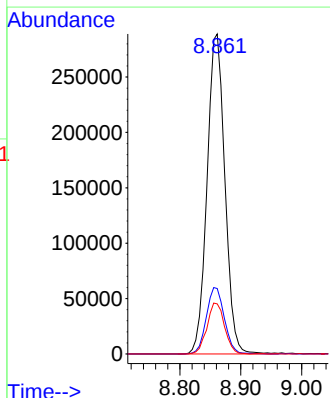
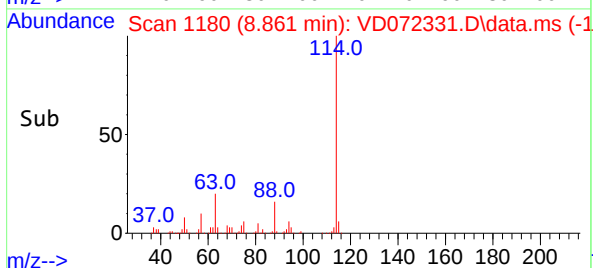
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

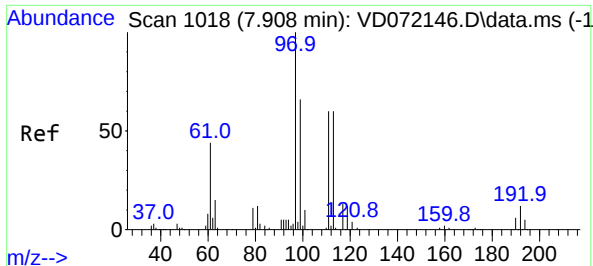


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50



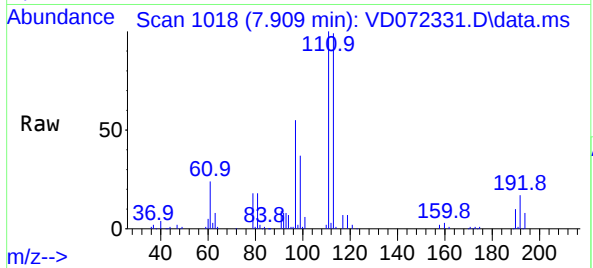
Tgt Ion:114 Resp: 588297
Ion Ratio Lower Upper
114 100
63 20.4 0.0 46.6
88 15.7 0.0 33.2





#35
Dibromofluoromethane
Concen: 55.801 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50

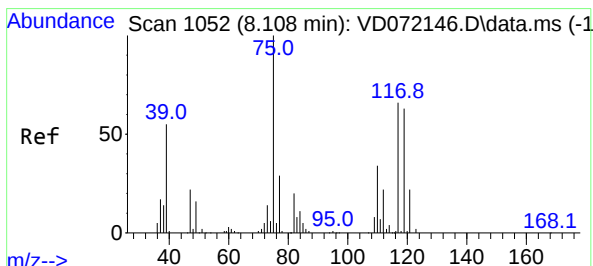
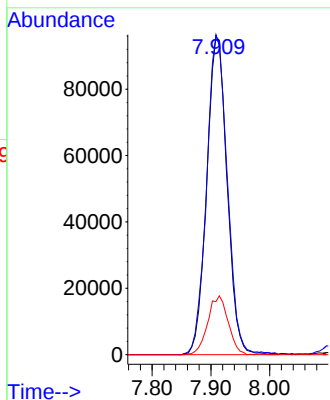
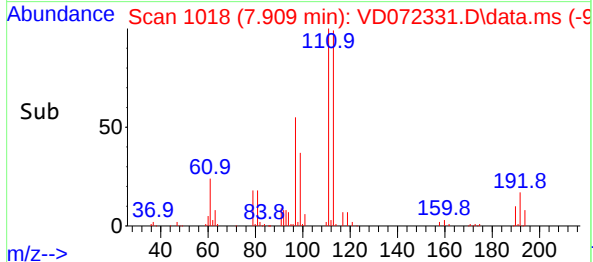
Instrument :
MSVOA_D
ClientSampleId :
VD0321SBS01



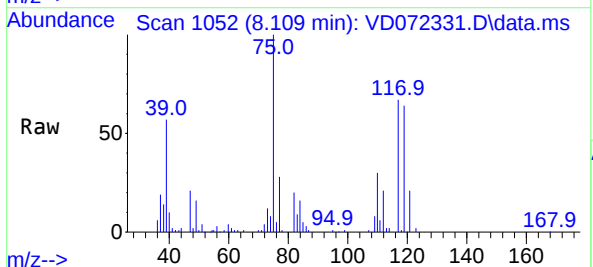
Tgt Ion: 113 Resp: 231010
Ion Ratio Lower Upper
113 100
111 101.8 83.8 125.6
192 18.5 14.6 21.8

Manual Integrations
APPROVED

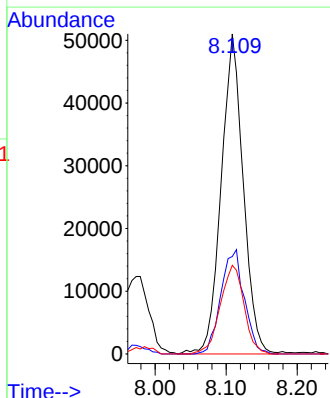
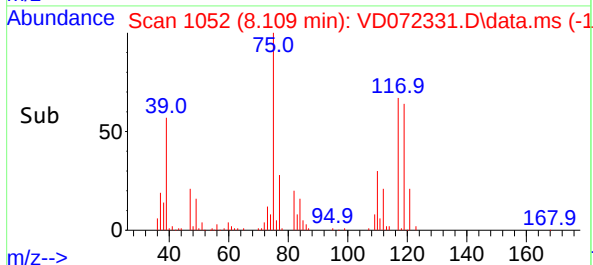
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

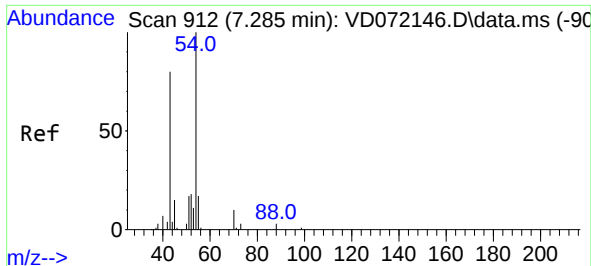


#36
1,1-Dichloropropene
Concen: 18.904 ug/l
RT: 8.109 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50



Tgt Ion: 75 Resp: 109786
Ion Ratio Lower Upper
75 100
110 34.6 16.4 49.1
77 29.8 24.2 36.2





#37

Ethyl Acetate

Concen: 21.701 ug/l

RT: 7.291 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD072331.D

Acq: 21 Mar 2022 10:50

Instrument :

MSVOA_D

ClientSampleId :

VD0321SBS01

Tgt Ion: 43 Resp: 55209

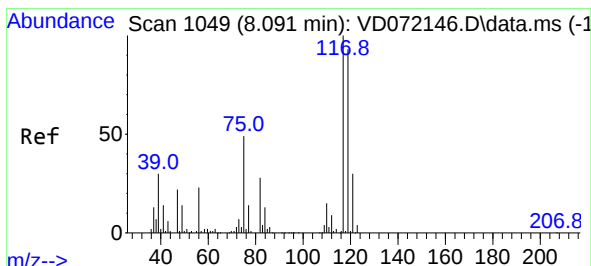
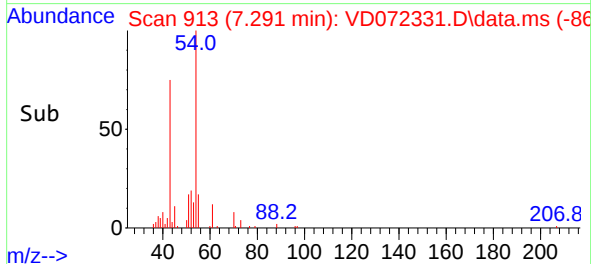
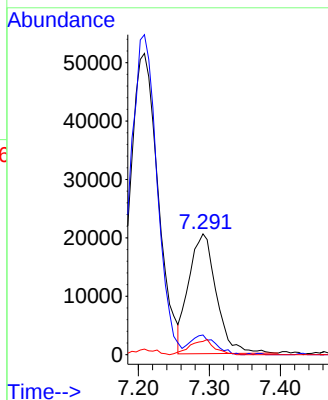
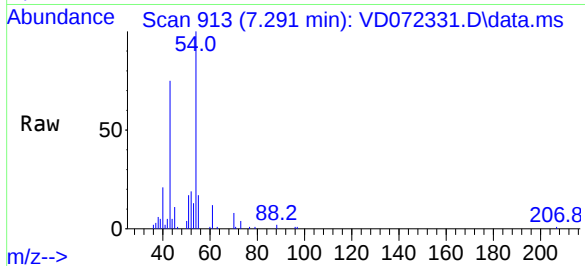
Ion	Ratio	Lower	Upper
43	100		
61	14.9	9.8	14.8
70	11.0	6.9	10.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 03/22/2022



#38

Carbon Tetrachloride

Concen: 19.570 ug/l

RT: 8.097 min Scan# 1050

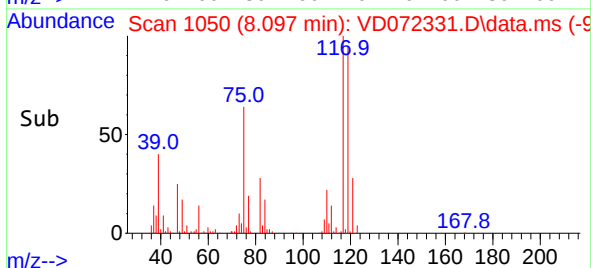
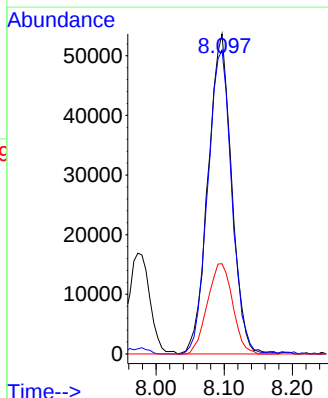
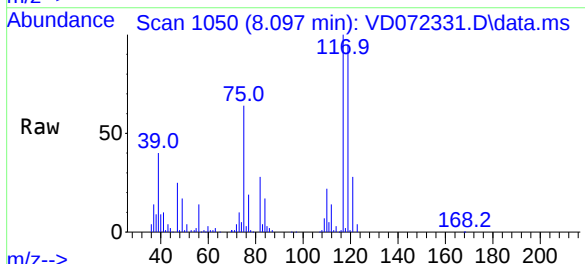
Delta R.T. 0.006 min

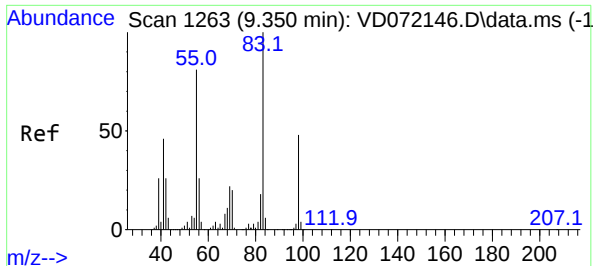
Lab File: VD072331.D

Acq: 21 Mar 2022 10:50

Tgt Ion:117 Resp: 129193

Ion	Ratio	Lower	Upper
117	100		
119	94.9	75.8	113.6
121	28.2	24.5	36.7





#39

Methylcyclohexane

Concen: 17.854 ug/l

RT: 9.350 min Scan# 11668

Delta R.T. 0.000 min

Lab File: VD072331.D

Acq: 21 Mar 2022 10:50

Instrument :

MSVOA_D

ClientSampleId :

VD0321SBS01

Tgt Ion: 83 Resp: 11668

Ion Ratio Lower Upper

83 100

55 78.7 63.2 94.8

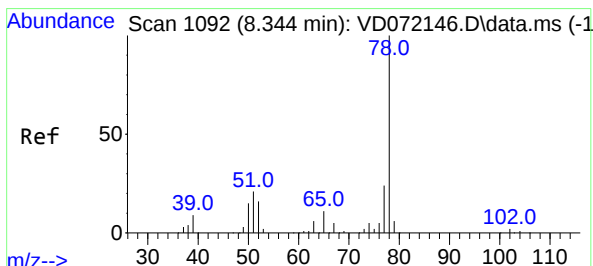
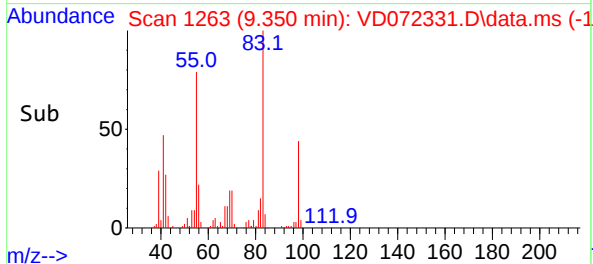
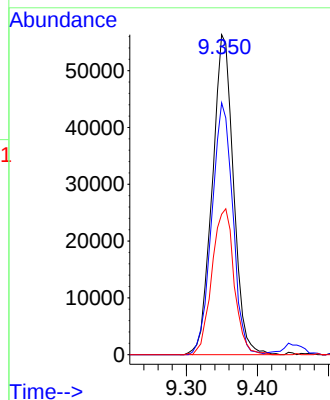
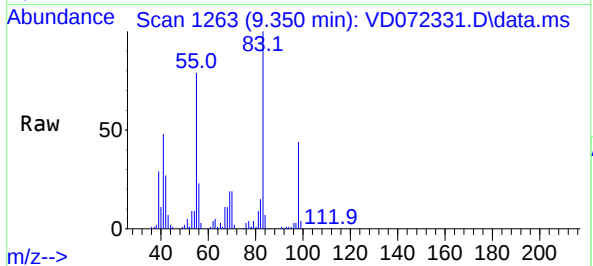
98 43.9 38.2 57.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 03/22/2022



#40

Benzene

Concen: 20.026 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. 0.006 min

Lab File: VD072331.D

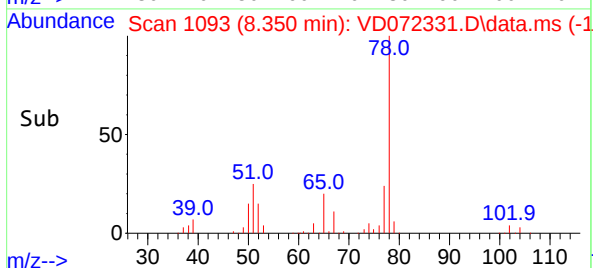
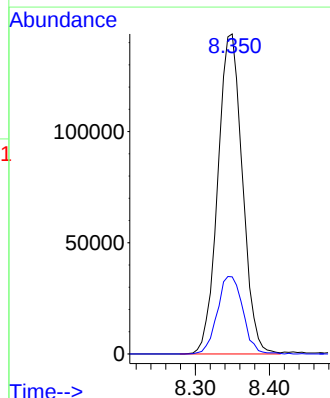
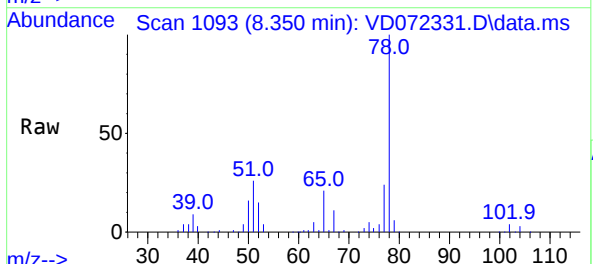
Acq: 21 Mar 2022 10:50

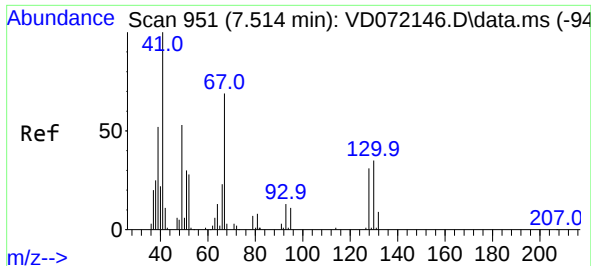
Tgt Ion: 78 Resp: 331798

Ion Ratio Lower Upper

78 100

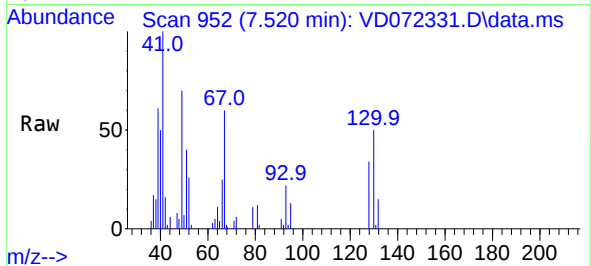
77 24.1 19.1 28.7





#41
Methacrylonitrile
Concen: 23.652 ug/l
RT: 7.520 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50

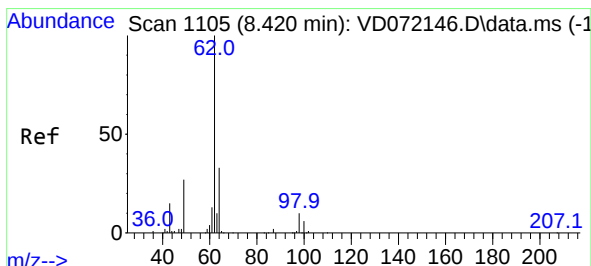
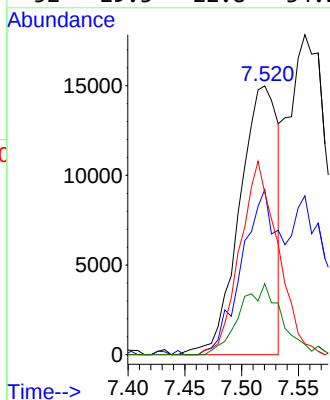
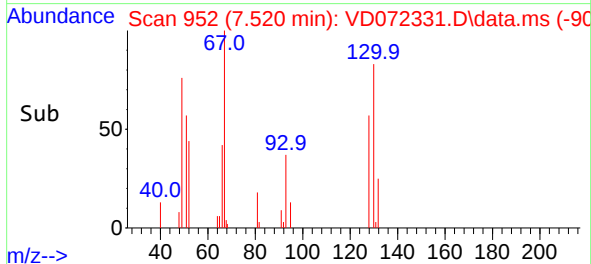
Instrument :
MSVOA_D
ClientSampleId :
VD0321SBS01



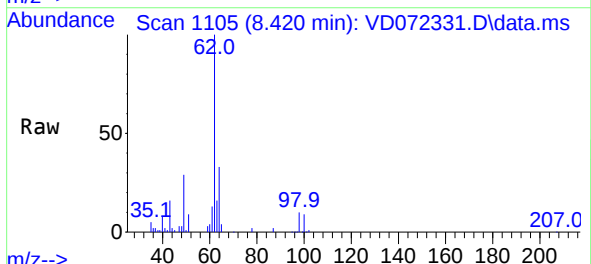
Tgt Ion: 41 Resp: 35072
Ion Ratio Lower Upper
41 100
39 61.0 44.6 67.0
67 71.5 48.2 72.4
52 29.3 22.8 34.2

Manual Integrations
APPROVED

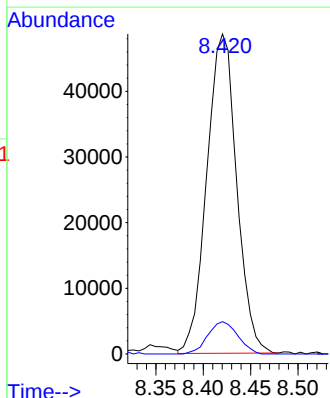
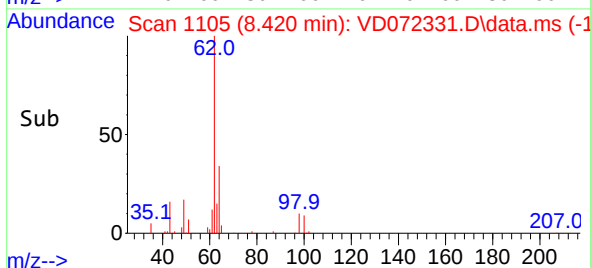
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#42
1,2-Dichloroethane
Concen: 21.260 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50



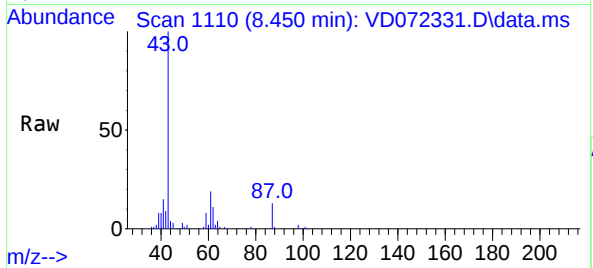
Tgt Ion: 62 Resp: 106855
Ion Ratio Lower Upper
62 100
98 10.1 0.0 17.6





#43
Isopropyl Acetate
Concen: 22.427 ug/l
RT: 8.450 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50

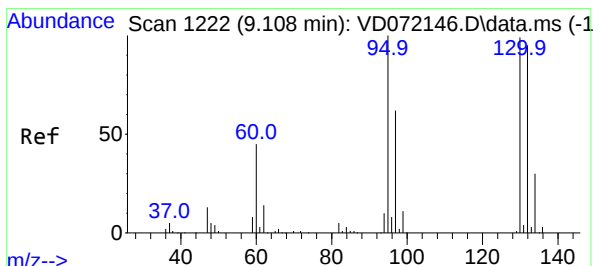
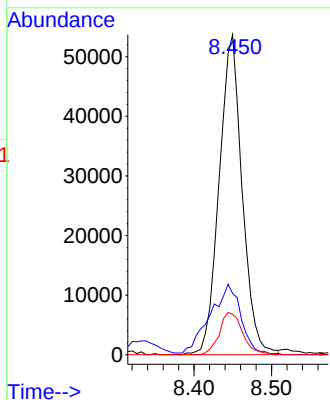
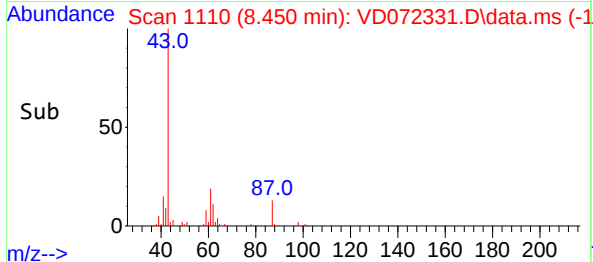
Instrument :
MSVOA_D
ClientSampleId :
VD0321SBS01



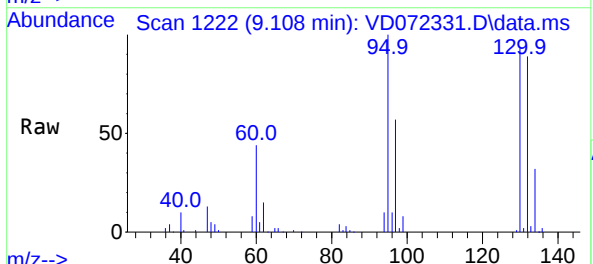
Tgt Ion: 43 Resp: 11074
Ion Ratio Lower Upper
43 100
61 29.9 22.4 33.6
87 13.3 8.7 13.1

Manual Integrations
APPROVED

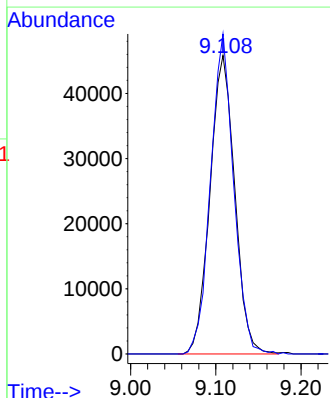
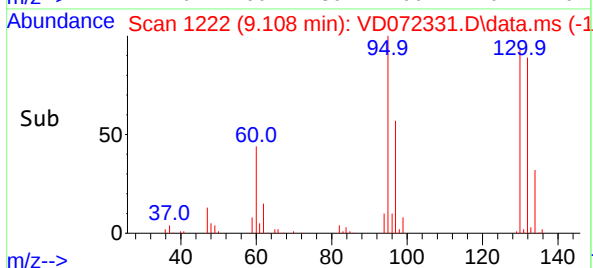
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

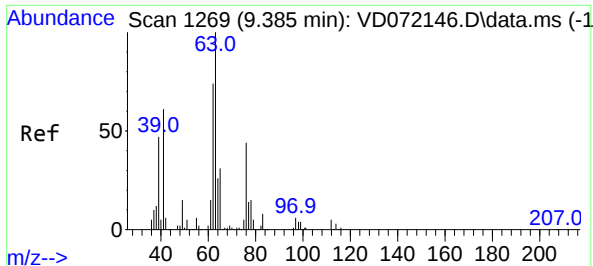


#44
Trichloroethene
Concen: 19.857 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50



Tgt Ion:130 Resp: 92362
Ion Ratio Lower Upper
130 100
95 107.2 0.0 205.4





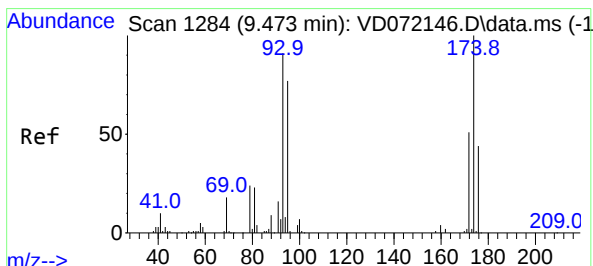
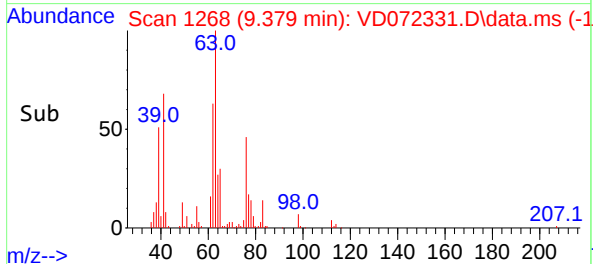
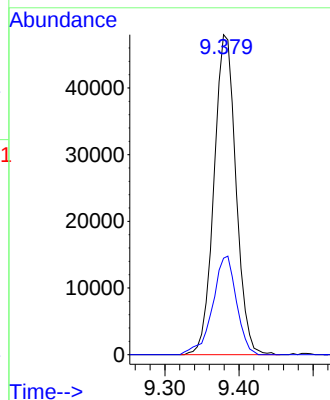
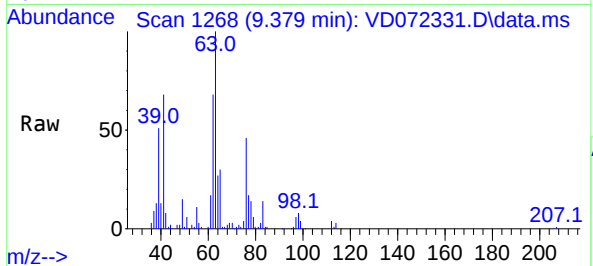
#45
1,2-Dichloropropane
Concen: 21.758 ug/l
RT: 9.379 min Scan# 1268
Delta R.T. -0.006 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50

Instrument :
MSVOA_D
ClientSampleId :
VD0321SBS01

Tgt Ion: 63 Resp: 9886
Ion Ratio Lower Upper
63 100
65 30.2 26.2 39.4

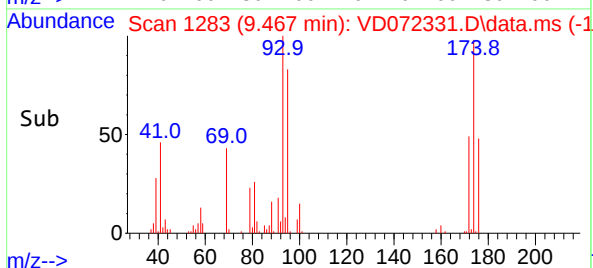
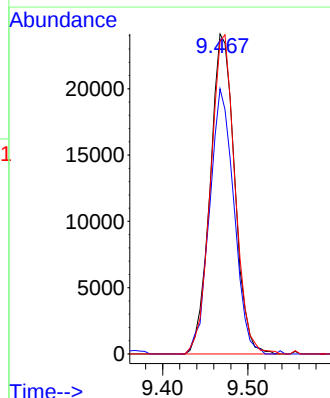
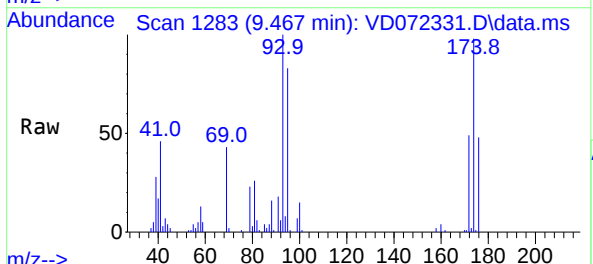
Manual Integrations
APPROVED

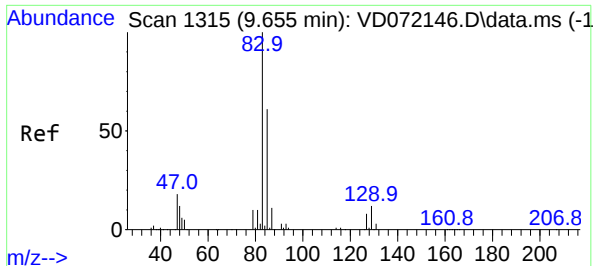
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#46
Dibromomethane
Concen: 21.519 ug/l
RT: 9.467 min Scan# 1283
Delta R.T. -0.006 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50

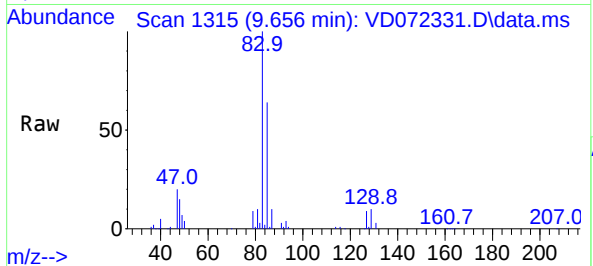
Tgt Ion: 93 Resp: 48101
Ion Ratio Lower Upper
93 100
95 82.5 66.7 100.1
174 99.4 71.6 107.4





#47
Bromodichloromethane
Concen: 21.831 ug/l
RT: 9.656 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50

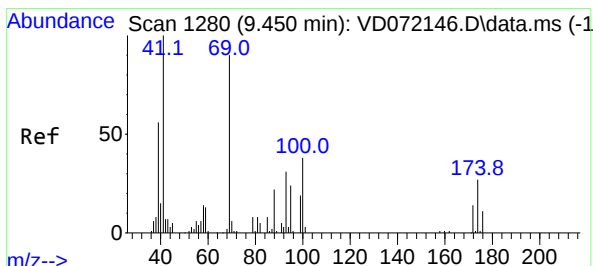
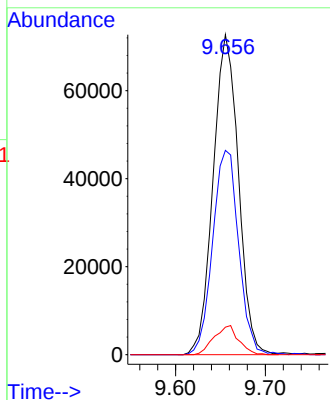
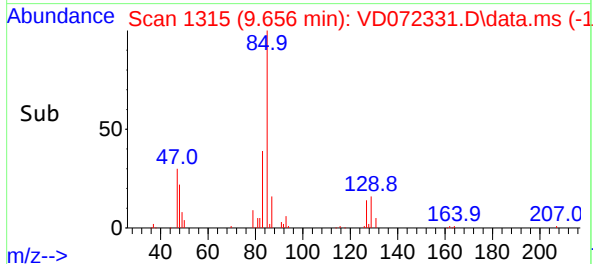
Instrument :
MSVOA_D
ClientSampleId :
VD0321SBS01



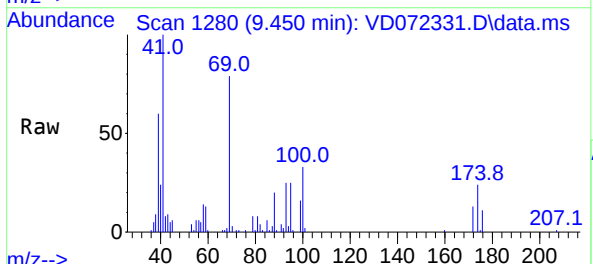
Tgt Ion: 83 Resp: 142250
Ion Ratio Lower Upper
83 100
85 63.8 51.4 77.0
127 8.6 6.1 9.1

Manual Integrations
APPROVED

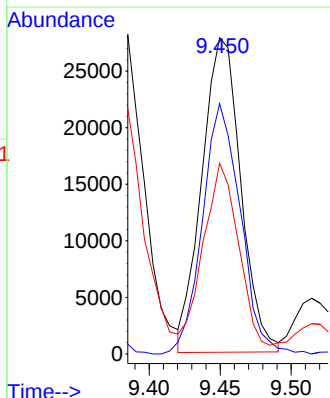
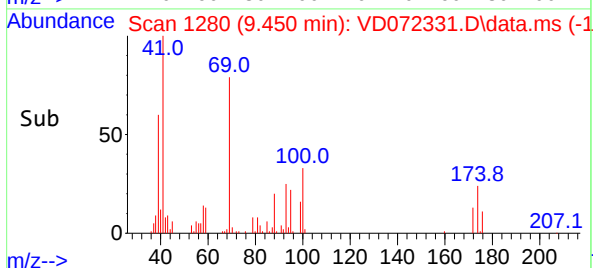
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

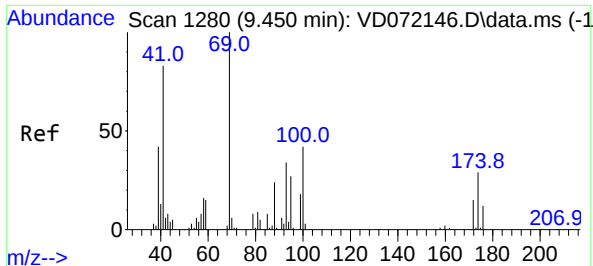


#48
Methyl methacrylate
Concen: 22.492 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50



Tgt Ion: 41 Resp: 53032
Ion Ratio Lower Upper
41 100
69 77.7 56.7 85.1
39 56.5 42.7 64.1





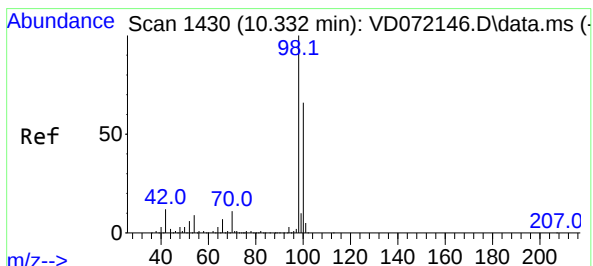
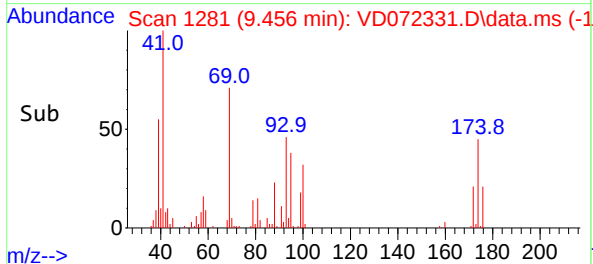
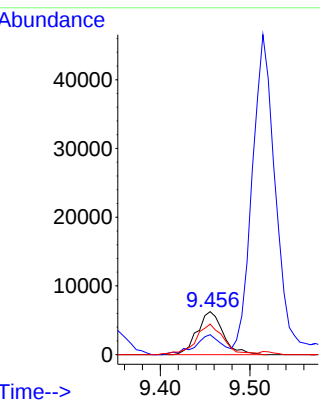
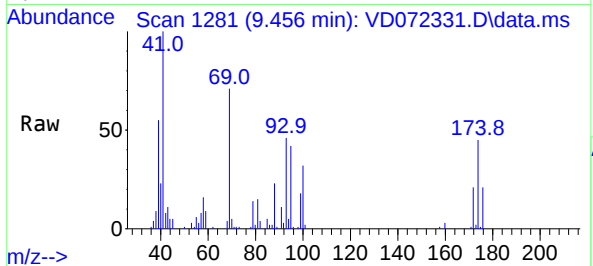
#49
1,4-Dioxane
Concen: 466.344 ug/l
RT: 9.456 min Scan# 1280
Delta R.T. 0.006 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50

Instrument :
MSVOA_D
ClientSampleId :
VD0321SBS01

Tgt Ion: 88 Resp: 12500
Ion Ratio Lower Upper
88 100
43 47.6 31.0 46.4
58 76.4 58.1 87.1

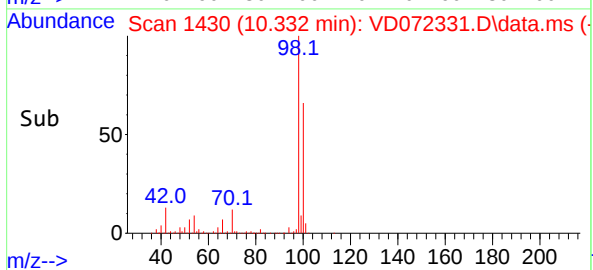
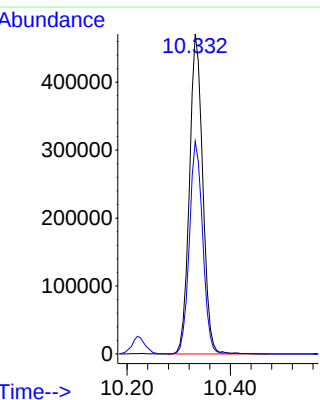
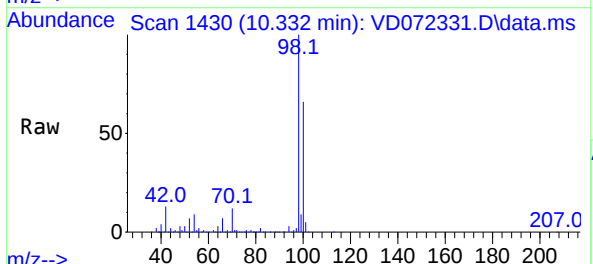
Manual Integrations
APPROVED

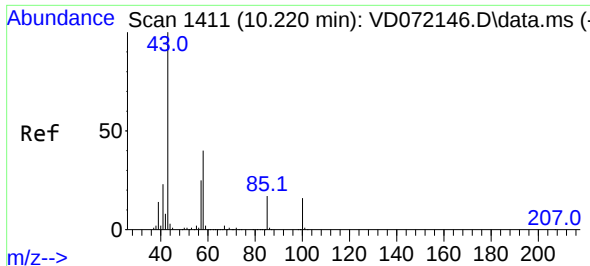
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#50
Toluene-d8
Concen: 55.568 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50

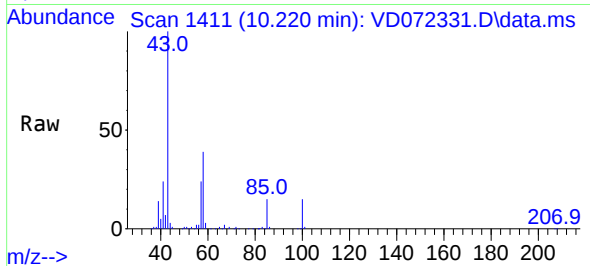
Tgt Ion: 98 Resp: 841167
Ion Ratio Lower Upper
98 100
100 66.5 52.4 78.6





#51
4-Methyl-2-Pentanone
Concen: 119.213 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50

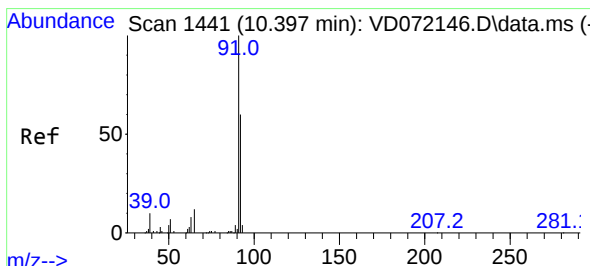
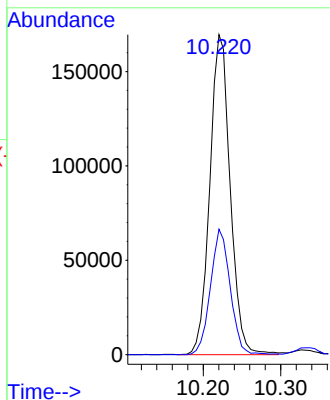
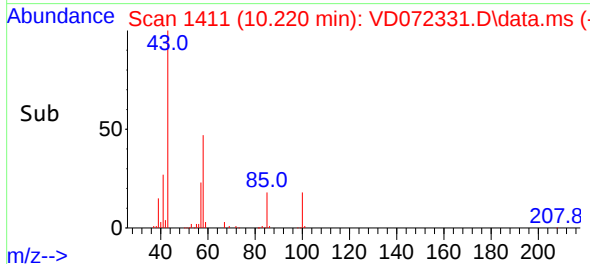
Instrument :
MSVOA_D
ClientSampleId :
VD0321SBS01



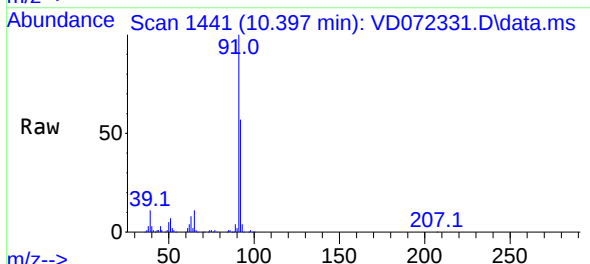
Tgt Ion: 43 Resp: 309174
Ion Ratio Lower Upper
43 100
58 38.1 28.6 43.0

Manual Integrations
APPROVED

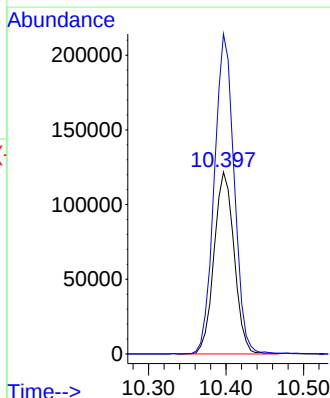
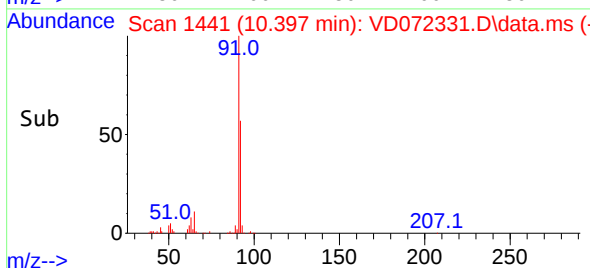
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

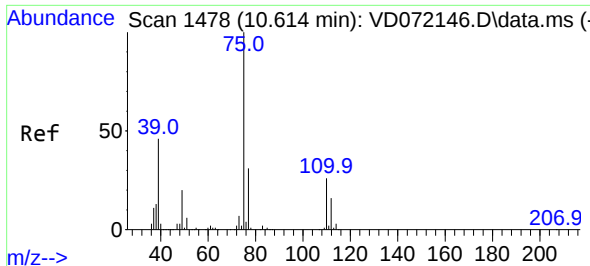


#52
Toluene
Concen: 20.119 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50



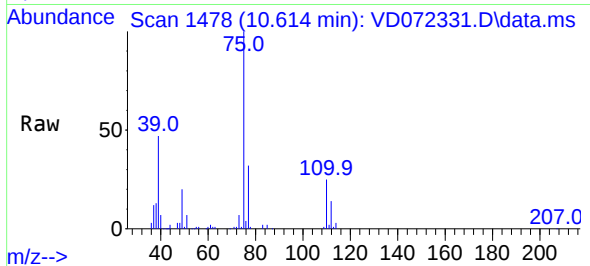
Tgt Ion: 92 Resp: 219350
Ion Ratio Lower Upper
92 100
91 174.5 139.6 209.4





#53
t-1,3-Dichloropropene
Concen: 21.288 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50

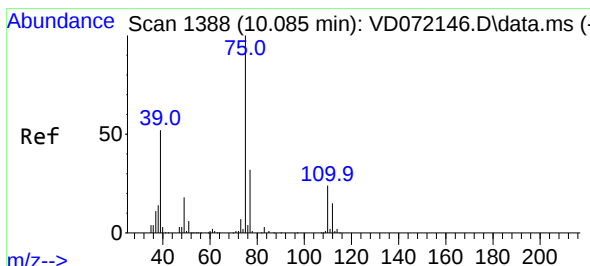
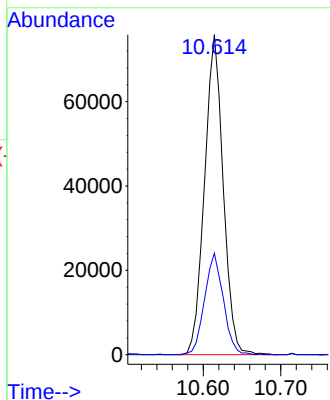
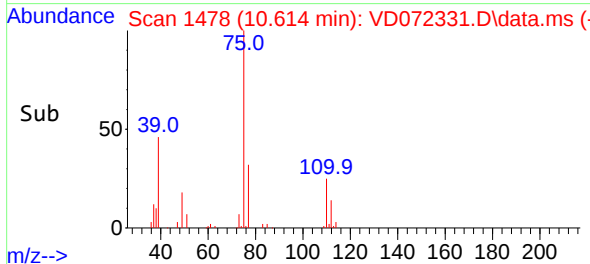
Instrument :
MSVOA_D
ClientSampleId :
VD0321SBS01



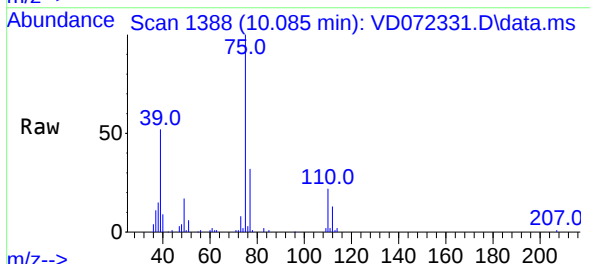
Tgt Ion: 75 Resp: 126740
Ion Ratio Lower Upper
75 100
77 31.7 24.5 36.7

Manual Integrations
APPROVED

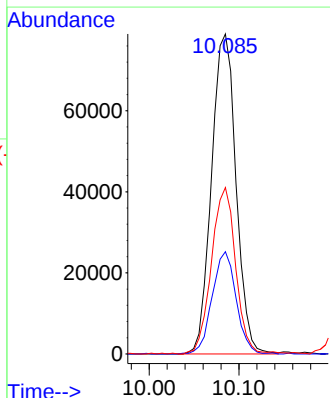
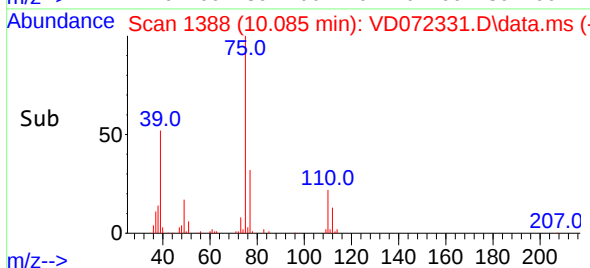
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

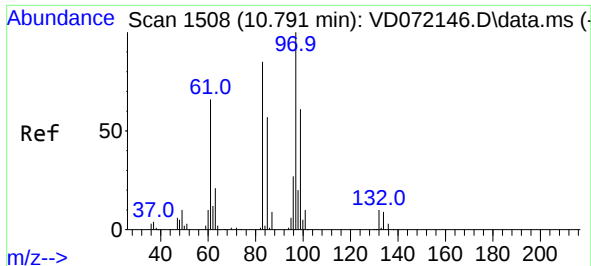


#54
cis-1,3-Dichloropropene
Concen: 21.758 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50



Tgt Ion: 75 Resp: 149749
Ion Ratio Lower Upper
75 100
77 31.9 24.8 37.2
39 52.0 46.8 70.2





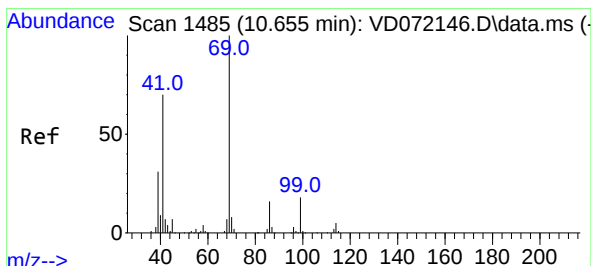
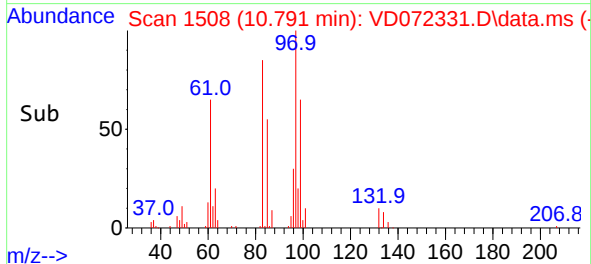
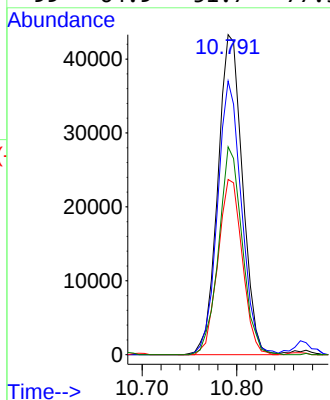
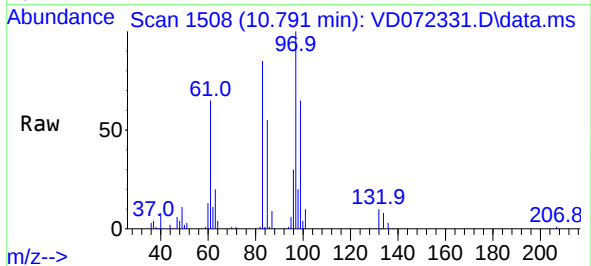
#55
1,1,2-Trichloroethane
Concen: 22.974 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50

Instrument :
MSVOA_D
ClientSampleId :
VD0321SBS01

Tgt Ion: 97	Resp: 78228
Ion Ratio	Lower Upper
97 100	
83 85.5	69.0 103.4
85 54.8	42.6 63.8
99 64.9	51.7 77.5

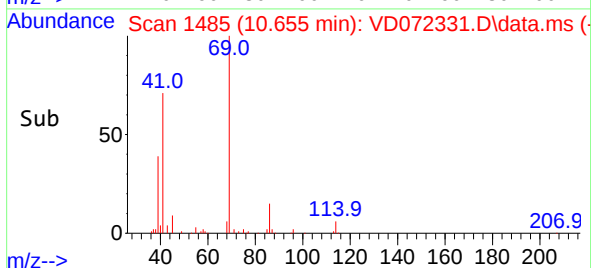
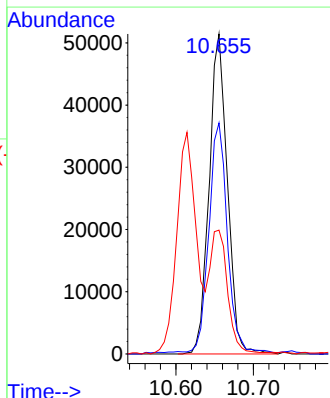
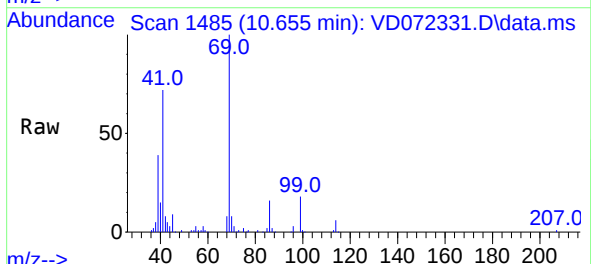
Manual Integrations
APPROVED

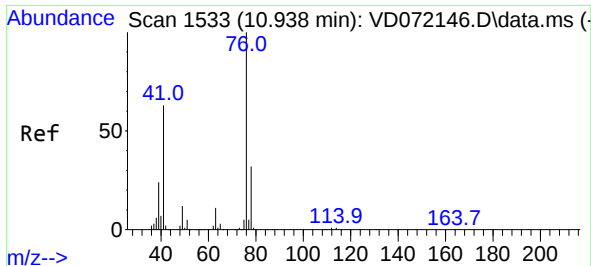
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#56
Ethyl methacrylate
Concen: 21.107 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50

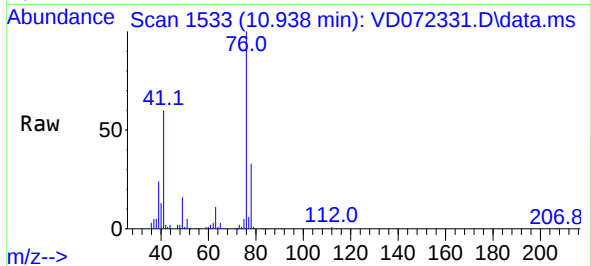
Tgt Ion: 69	Resp: 84181
Ion Ratio	Lower Upper
69 100	
41 75.2	63.0 94.6
39 36.4	33.8 50.8





#57
1,3-Dichloropropane
Concen: 22.302 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50

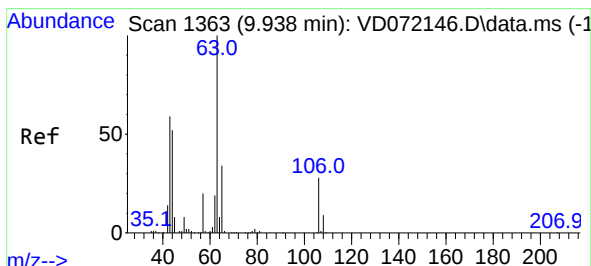
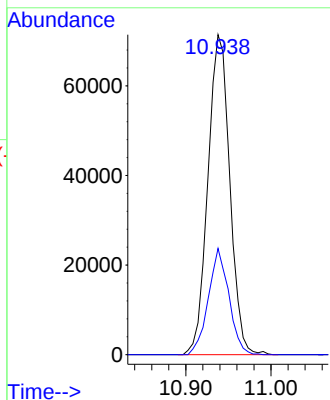
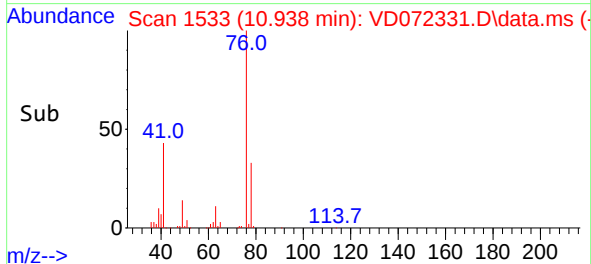
Instrument :
MSVOA_D
ClientSampleId :
VD0321SBS01



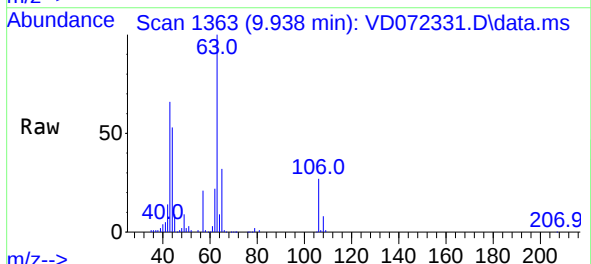
Tgt Ion: 76 Resp: 127450
Ion Ratio Lower Upper
76 100
78 31.2 26.0 39.0

Manual Integrations
APPROVED

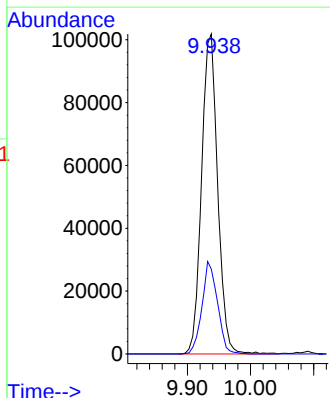
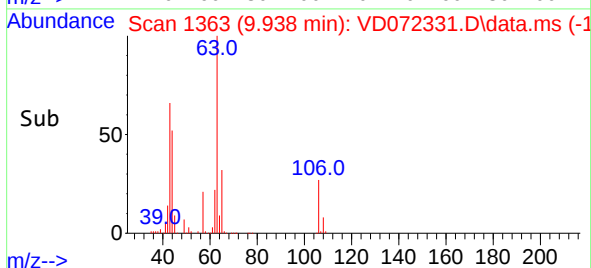
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

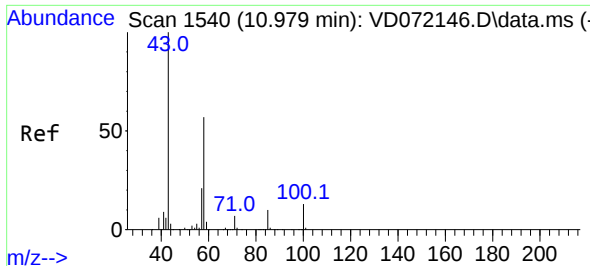


#58
2-Chloroethyl Vinyl ether
Concen: 100.684 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50



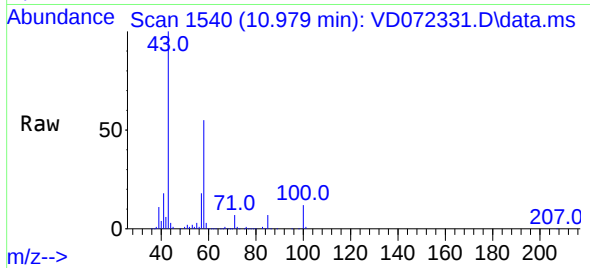
Tgt Ion: 63 Resp: 180552
Ion Ratio Lower Upper
63 100
106 27.7 21.4 32.0





#59
2-Hexanone
Concen: 121.273 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50

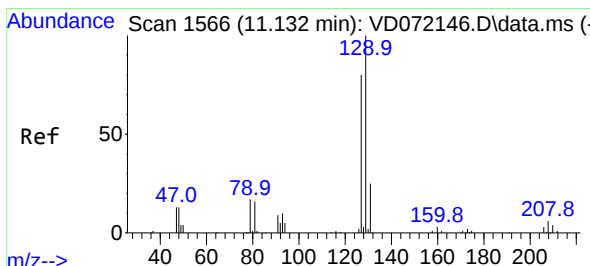
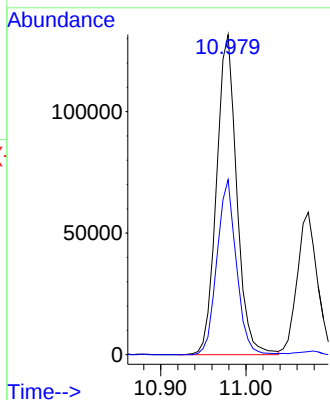
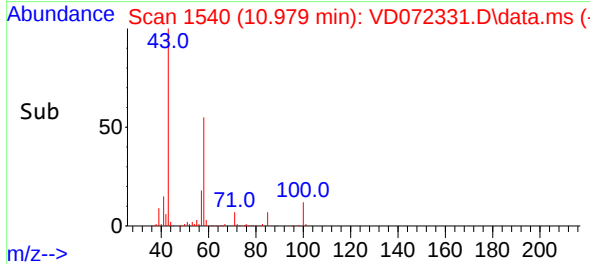
Instrument :
MSVOA_D
ClientSampleId :
VD0321SBS01



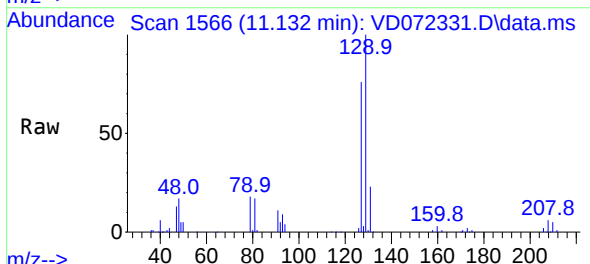
Tgt Ion: 43 Resp: 217228
Ion Ratio Lower Upper
43 100
58 52.4 25.3 75.9

Manual Integrations
APPROVED

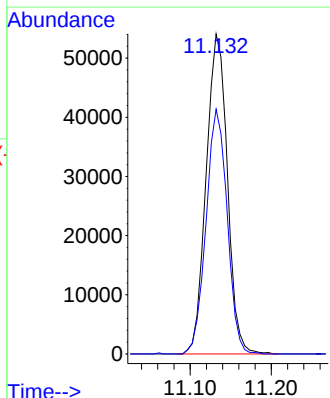
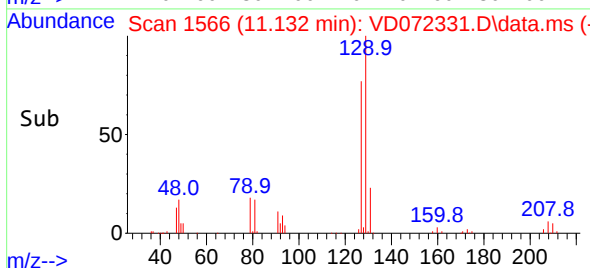
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

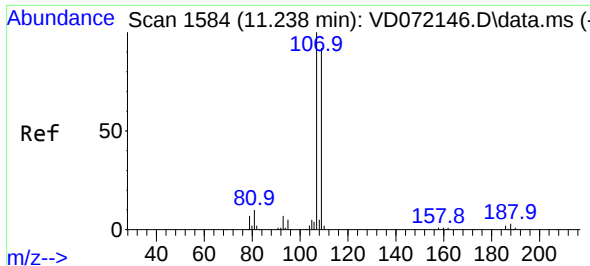


#60
Dibromochloromethane
Concen: 22.220 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50



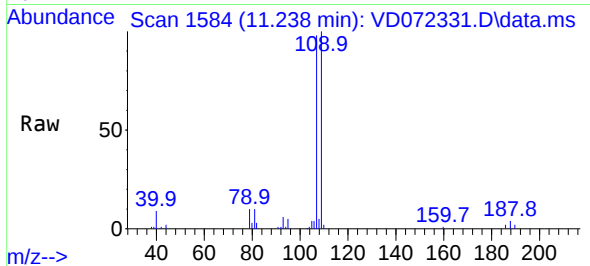
Tgt Ion:129 Resp: 98175
Ion Ratio Lower Upper
129 100
127 76.2 39.2 117.6





#61
1,2-Dibromoethane
Concen: 21.570 ug/l
RT: 11.238 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50

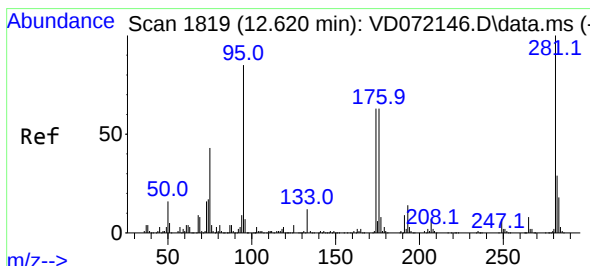
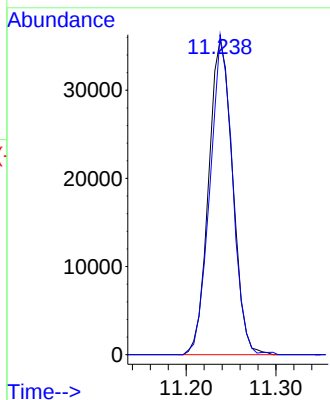
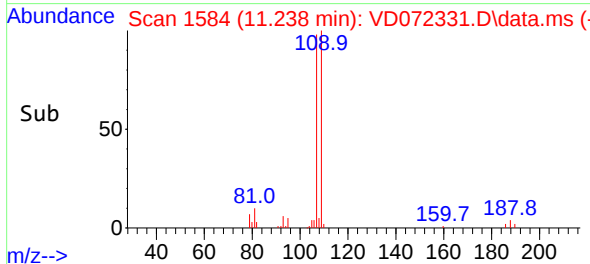
Instrument :
MSVOA_D
ClientSampleId :
VD0321SBS01



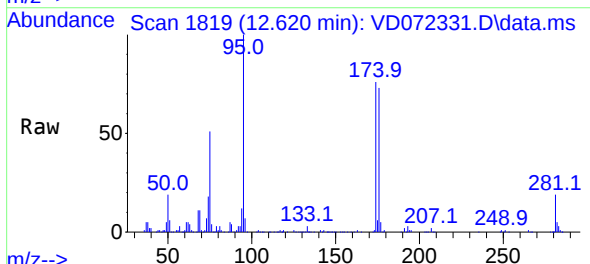
Tgt Ion:107 Resp: 66368
Ion Ratio Lower Upper
107 100
109 95.2 74.2 111.4

Manual Integrations
APPROVED

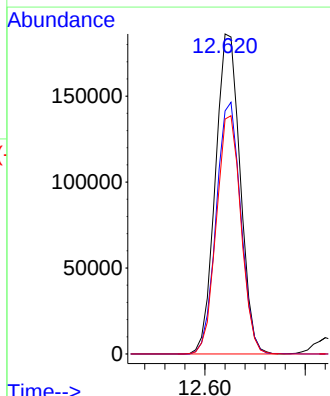
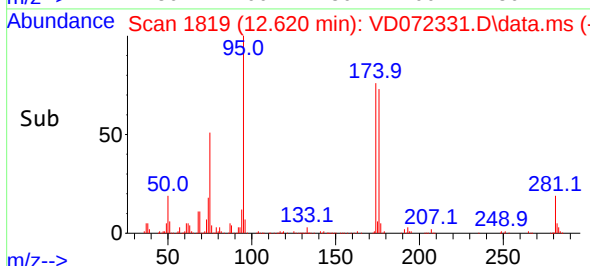
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#62
4-Bromofluorobenzene
Concen: 54.131 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50



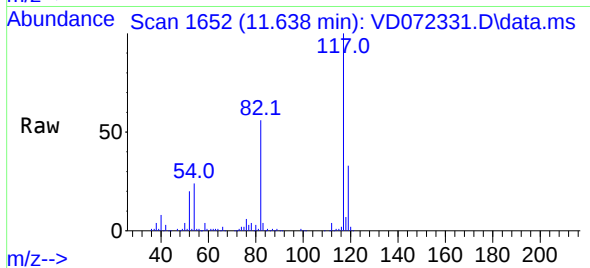
Tgt Ion: 95 Resp: 318384
Ion Ratio Lower Upper
95 100
174 78.0 0.0 152.8
176 73.9 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50

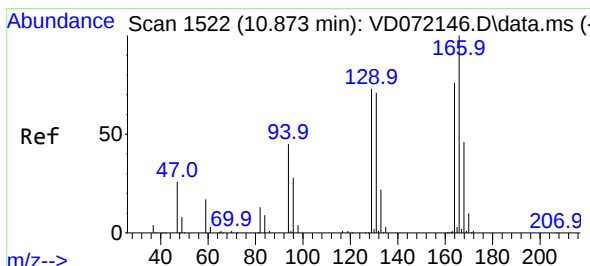
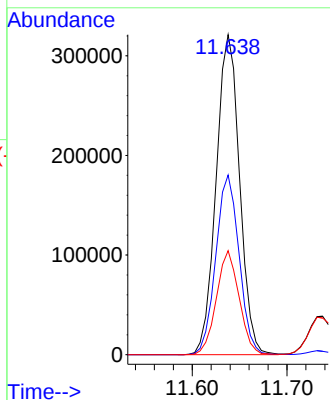
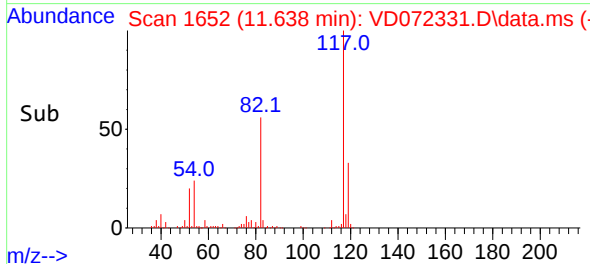
Instrument :
MSVOA_D
ClientSampleId :
VD0321SBS01



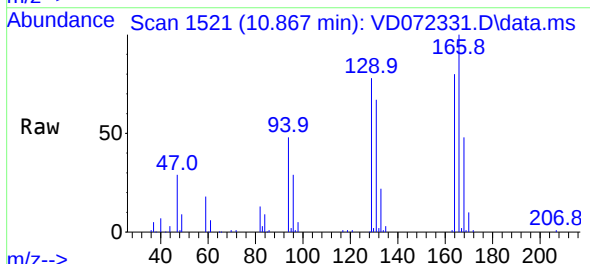
Tgt Ion:117 Resp: 553340
Ion Ratio Lower Upper
117 100
82 56.1 45.3 67.9
119 32.5 26.6 40.0

Manual Integrations
APPROVED

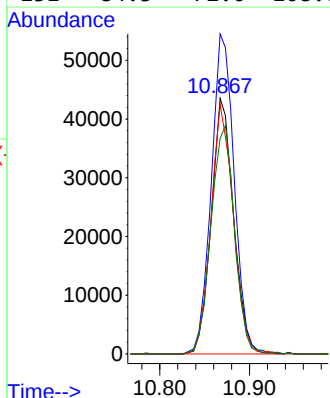
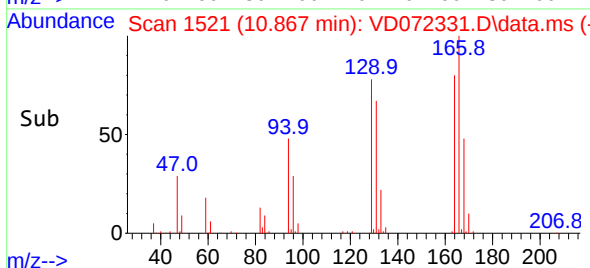
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

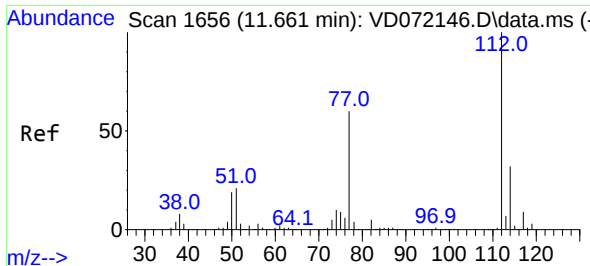


#64
Tetrachloroethene
Concen: 19.280 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50



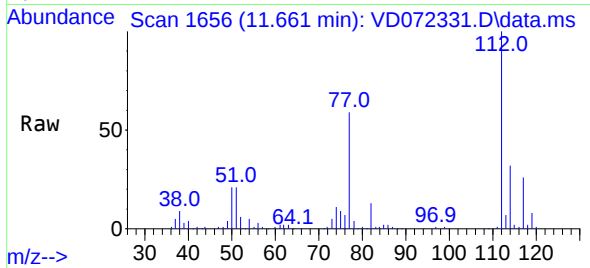
Tgt Ion:164 Resp: 75167
Ion Ratio Lower Upper
164 100
166 125.2 98.5 147.7
129 97.6 74.6 111.8
131 84.3 72.0 108.0





#65
Chlorobenzene
Concen: 20.887 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50

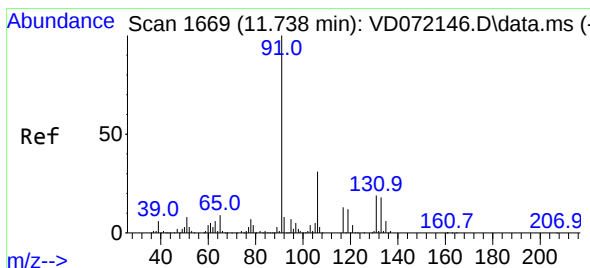
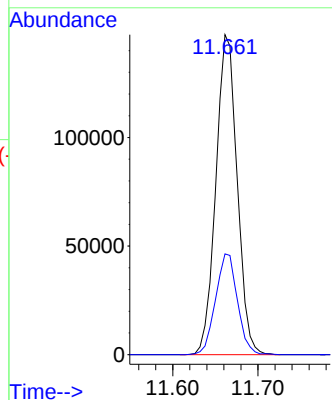
Instrument :
MSVOA_D
ClientSampleId :
VD0321SBS01



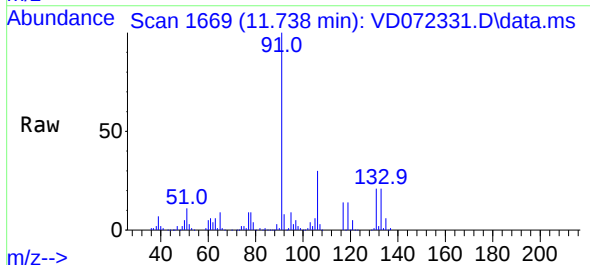
Tgt Ion:112 Resp: 256227
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.6

Manual Integrations
APPROVED

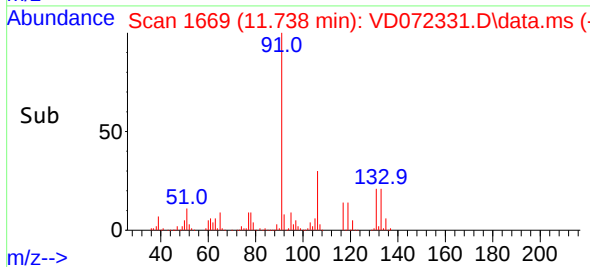
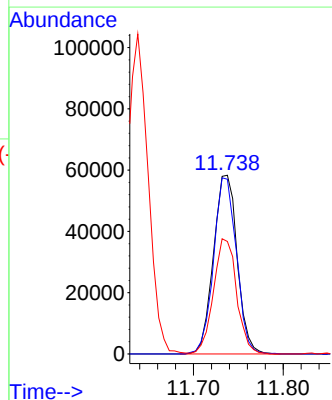
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

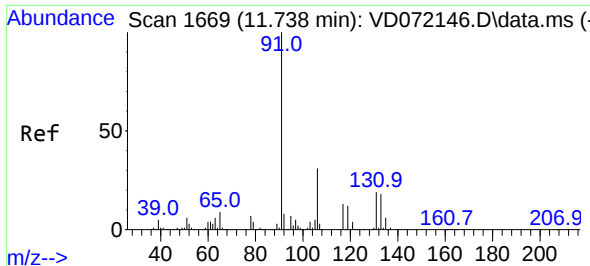


#66
1,1,1,2-Tetrachloroethane
Concen: 22.132 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50



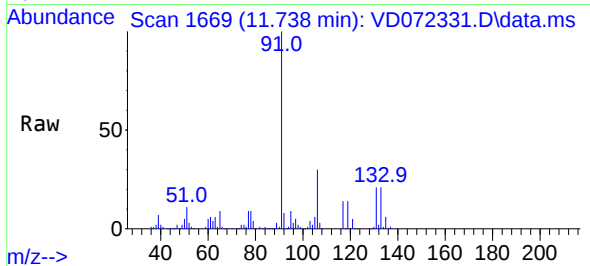
Tgt Ion:131 Resp: 107365
Ion Ratio Lower Upper
131 100
133 95.0 48.1 144.3
119 62.7 31.9 95.9





#67
Ethyl Benzene
Concen: 20.228 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50

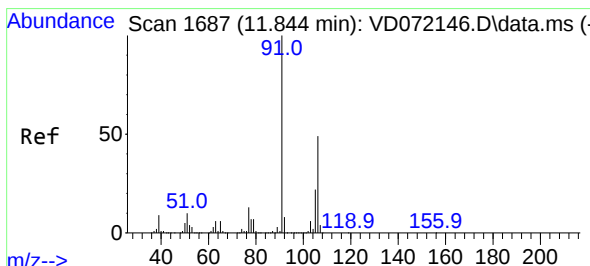
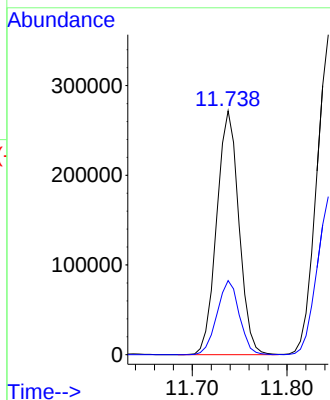
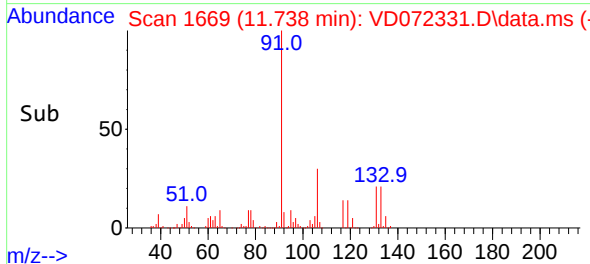
Instrument :
MSVOA_D
ClientSampleId :
VD0321SBS01



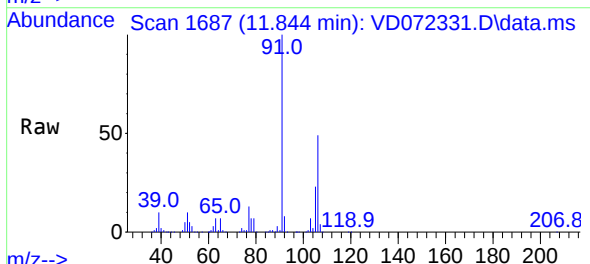
Tgt Ion: 91 Resp: 44320
Ion Ratio Lower Upper
91 100
106 30.4 24.2 36.4

Manual Integrations
APPROVED

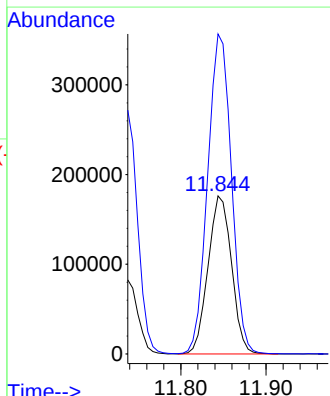
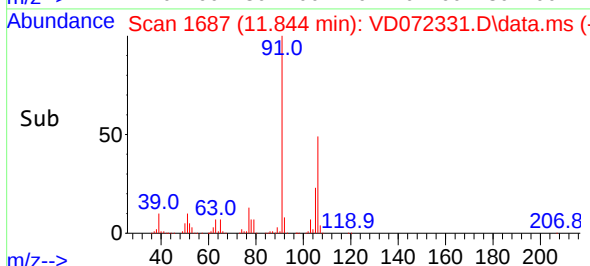
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

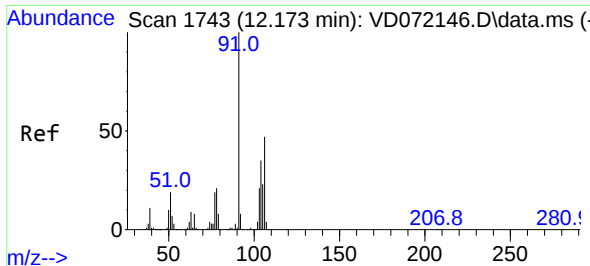


#68
m/p-Xylenes
Concen: 40.606 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50



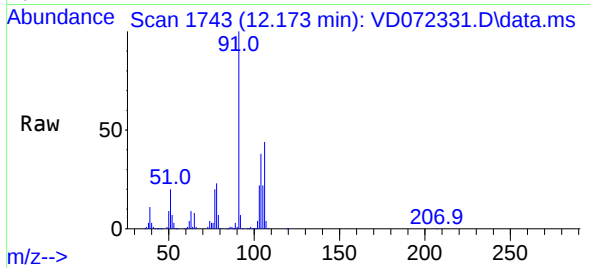
Tgt Ion:106 Resp: 337827
Ion Ratio Lower Upper
106 100
91 204.7 163.7 245.5





#69
o-Xylene
Concen: 20.299 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50

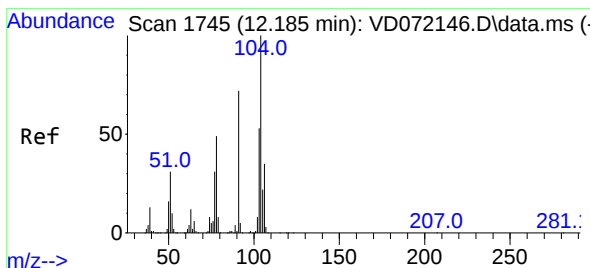
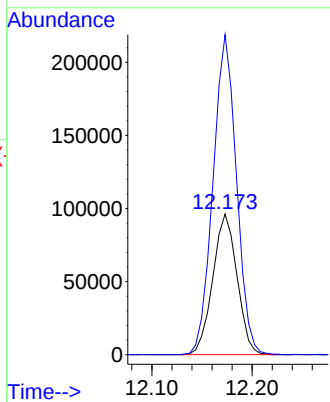
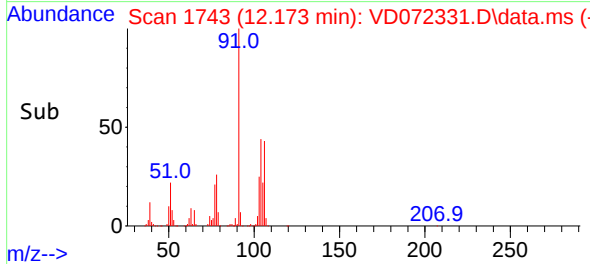
Instrument :
MSVOA_D
ClientSampleId :
VD0321SBS01



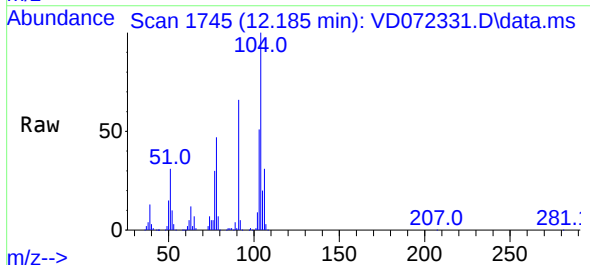
Tgt Ion:106 Resp: 161533
Ion Ratio Lower Upper
106 100
91 220.2 110.4 331.2

Manual Integrations
APPROVED

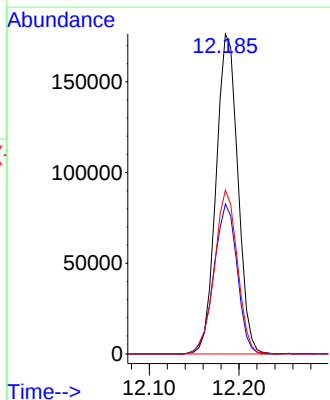
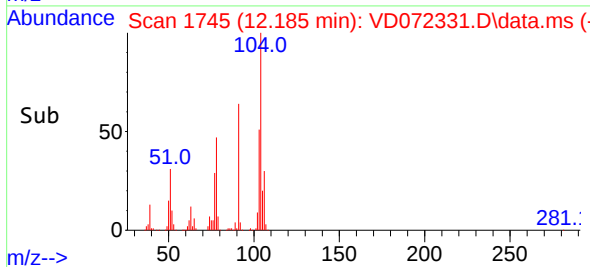
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

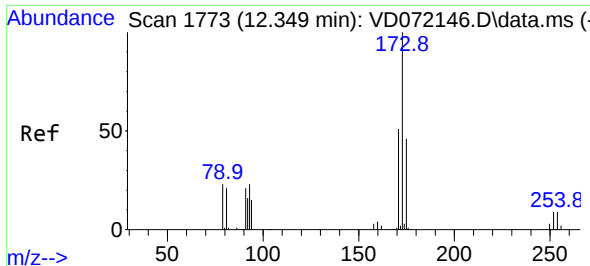


#70
Styrene
Concen: 21.373 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50



Tgt Ion:104 Resp: 297003
Ion Ratio Lower Upper
104 100
78 50.0 41.8 62.8
103 54.0 44.2 66.4





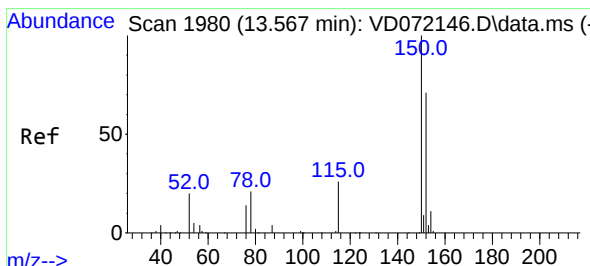
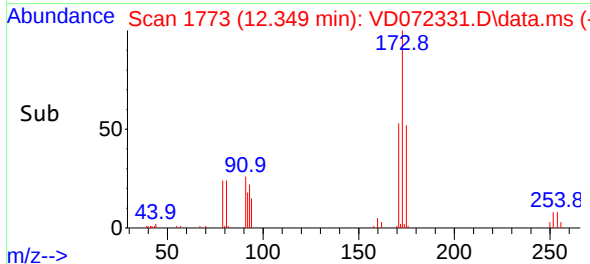
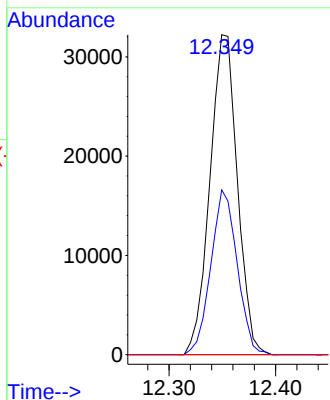
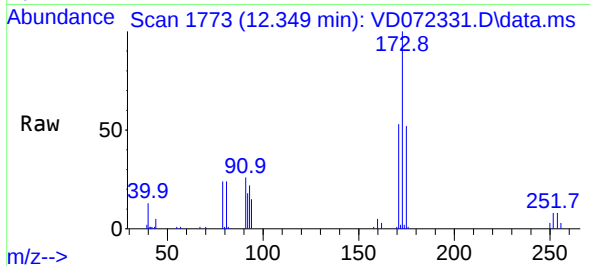
#71
Bromoform
Concen: 22.266 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50

Instrument :
MSVOA_D
ClientSampleId :
VD0321SBS01

Tgt Ion:173 Resp: 57698
Ion Ratio Lower Upper
173 100
175 49.5 23.9 71.8
254 0.0 0.0 0.0

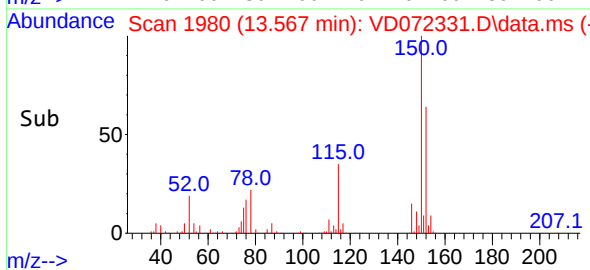
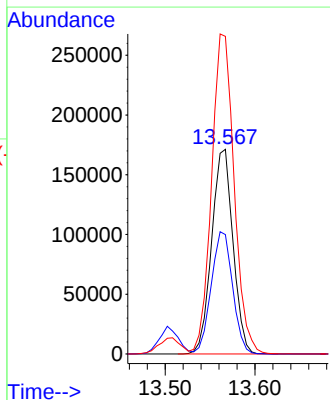
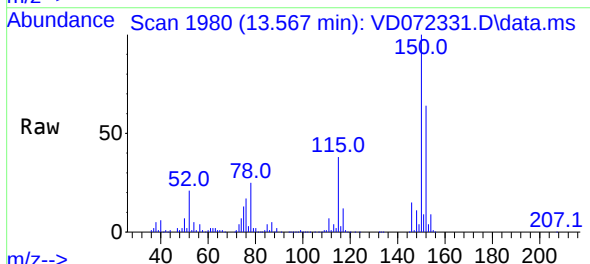
Manual Integrations
APPROVED

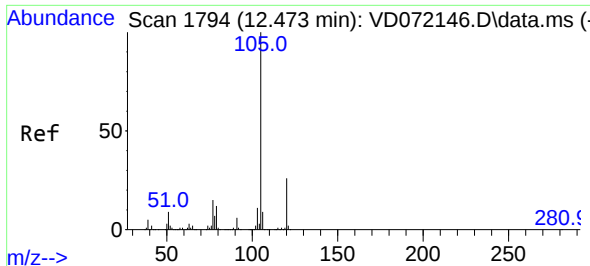
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50

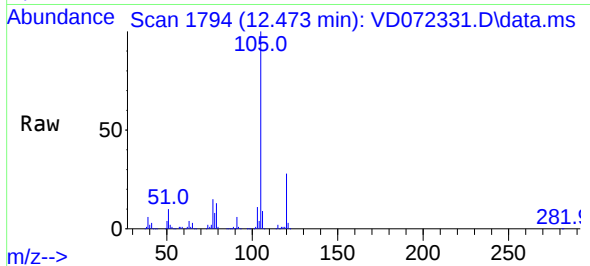
Tgt Ion:152 Resp: 282694
Ion Ratio Lower Upper
152 100
115 59.8 31.3 93.8
150 165.5 0.0 348.6





#73
Isopropylbenzene
Concen: 20.630 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50

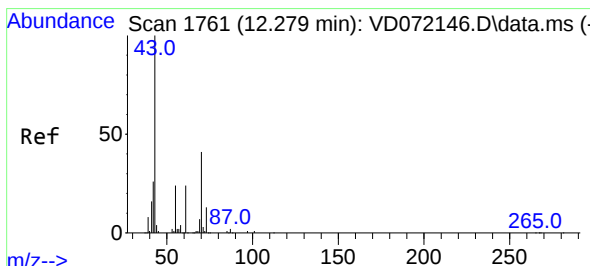
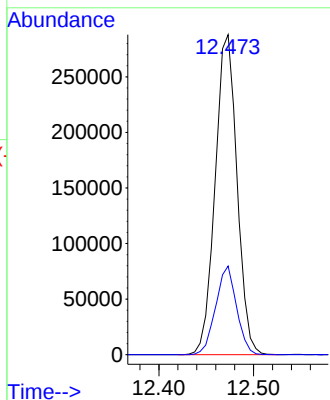
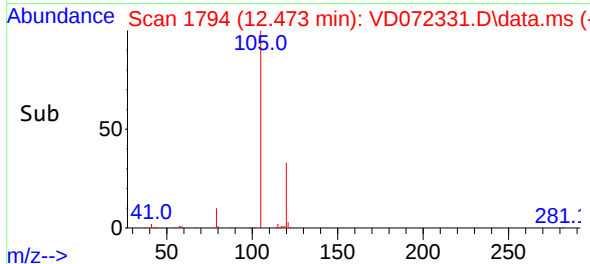
Instrument :
MSVOA_D
ClientSampleId :
VD0321SBS01



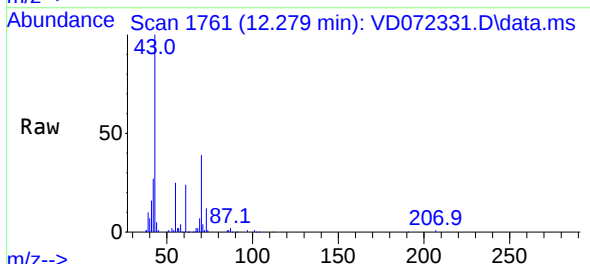
Tgt Ion:105 Resp: 462158
Ion Ratio Lower Upper
105 100
120 26.4 13.0 38.9

Manual Integrations
APPROVED

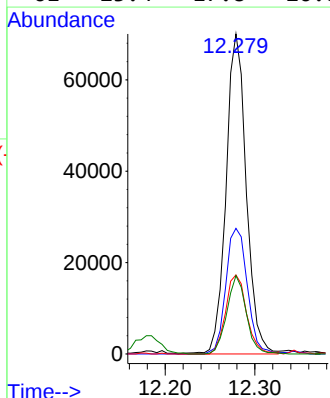
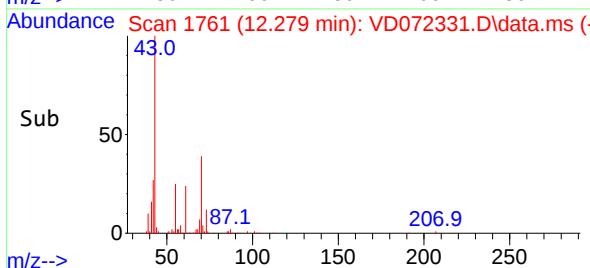
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

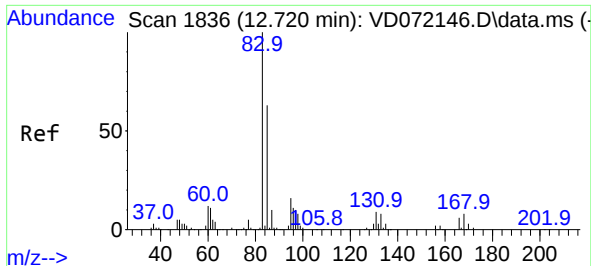


#74
N-ethyl acetate
Concen: 22.780 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50



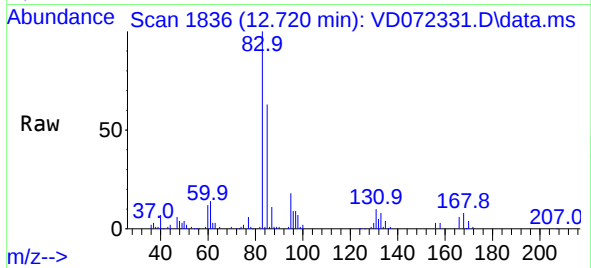
Tgt Ion: 43 Resp: 109668
Ion Ratio Lower Upper
43 100
70 41.6 31.3 46.9
55 25.6 20.0 30.0
61 23.4 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 22.800 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50

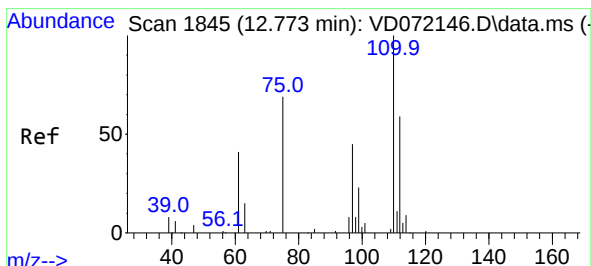
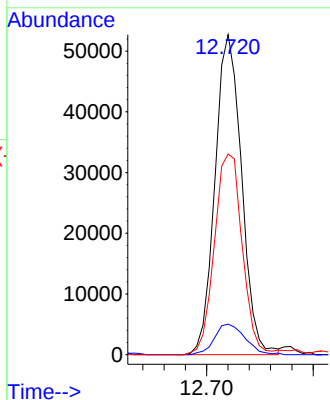
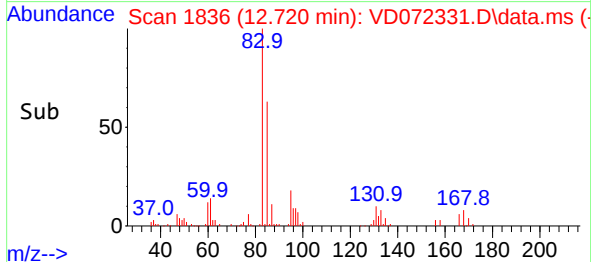
Instrument :
MSVOA_D
ClientSampleId :
VD0321SBS01



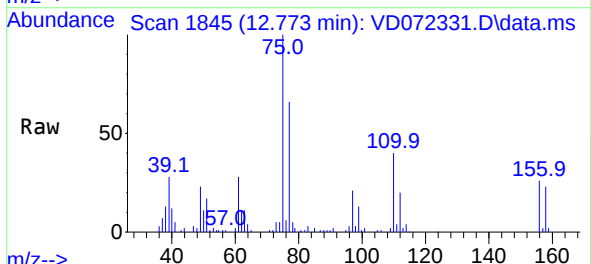
Tgt Ion: 83 Resp: 91350
Ion Ratio Lower Upper
83 100
131 11.0 5.0 14.9
85 65.4 32.6 98.0

Manual Integrations
APPROVED

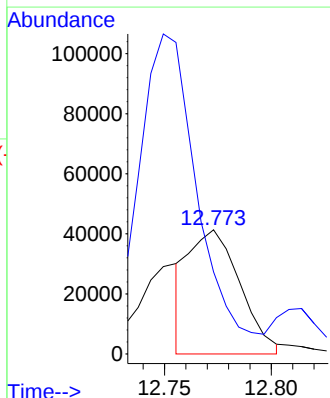
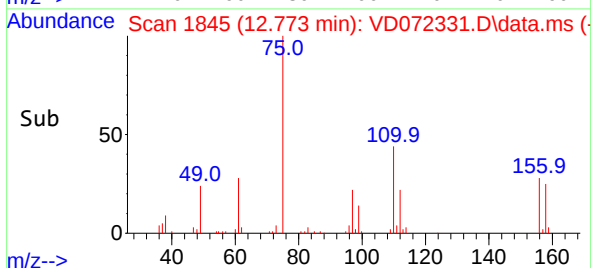
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

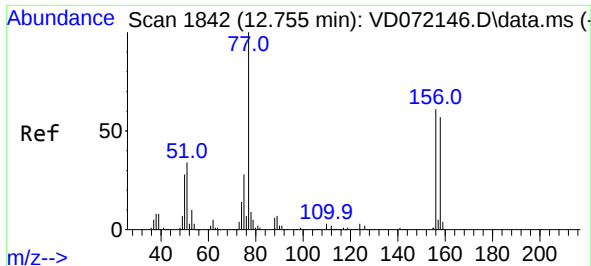


#76
1,2,3-Trichloropropane
Concen: 22.159 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50



Tgt Ion: 75 Resp: 69099
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





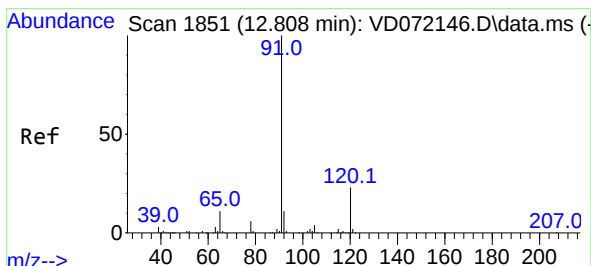
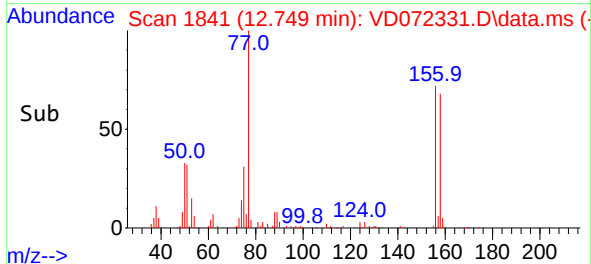
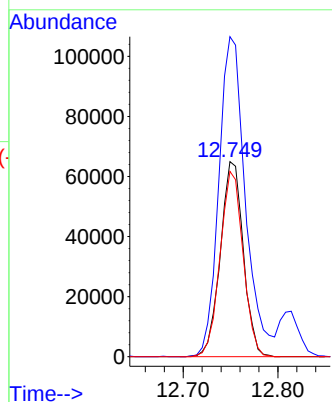
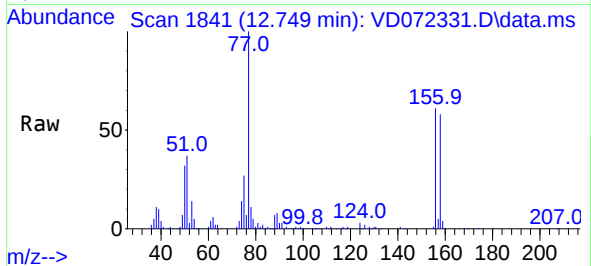
#77
Bromobenzene
Concen: 21.678 ug/l
RT: 12.749 min Scan# 1842
Delta R.T. -0.006 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50

Instrument :
MSVOA_D
ClientSampleId :
VD0321SBS01

Tgt Ion:156 Resp: 109300
Ion Ratio Lower Upper
156 100
77 190.1 102.8 308.3
158 95.1 48.7 146.1

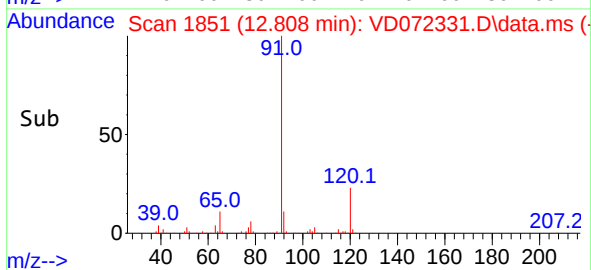
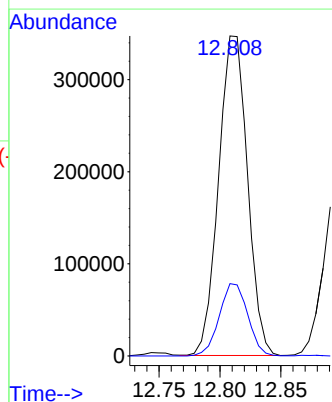
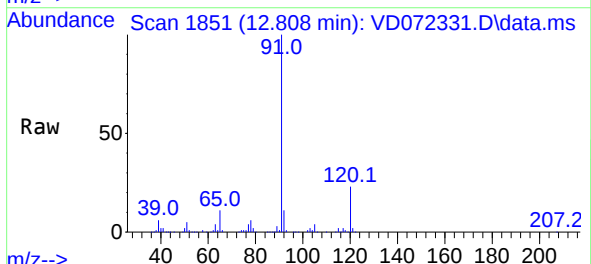
Manual Integrations
APPROVED

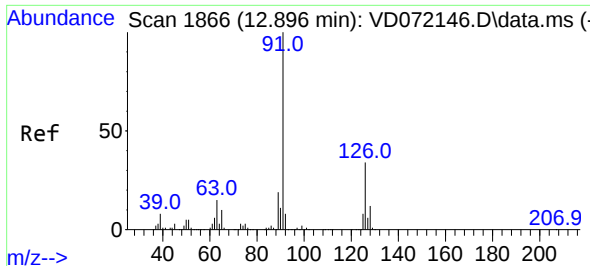
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#78
n-propylbenzene
Concen: 21.076 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50

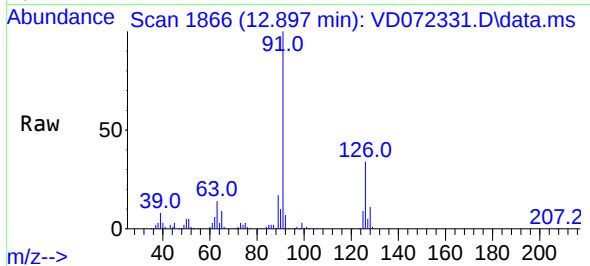
Tgt Ion: 91 Resp: 573487
Ion Ratio Lower Upper
91 100
120 22.3 10.9 32.9





#79
2-Chlorotoluene
Concen: 21.198 ug/l
RT: 12.897 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50

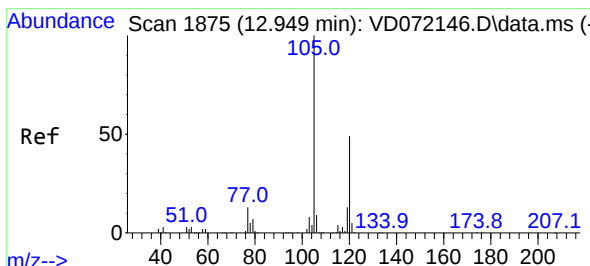
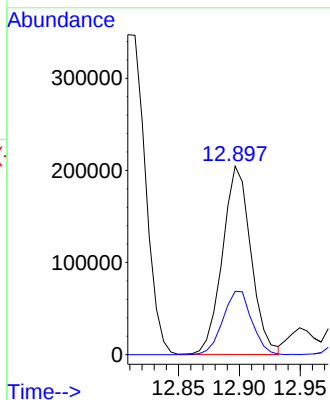
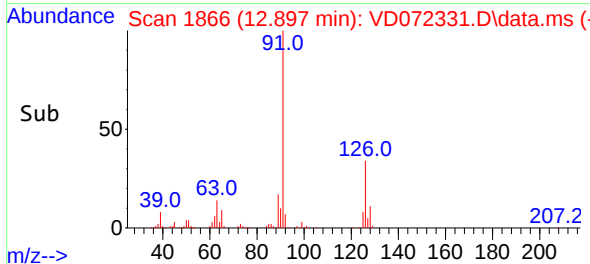
Instrument :
MSVOA_D
ClientSampleId :
VD0321SBS01



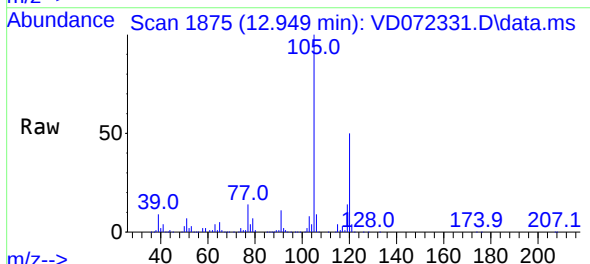
Tgt Ion: 91 Resp: 333538
Ion Ratio Lower Upper
91 100
126 34.2 16.2 48.6

Manual Integrations
APPROVED

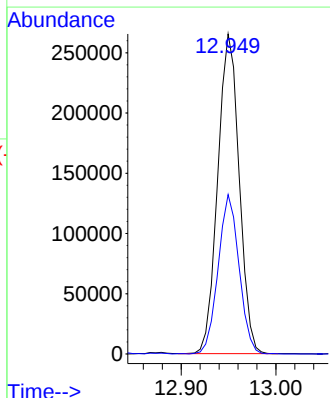
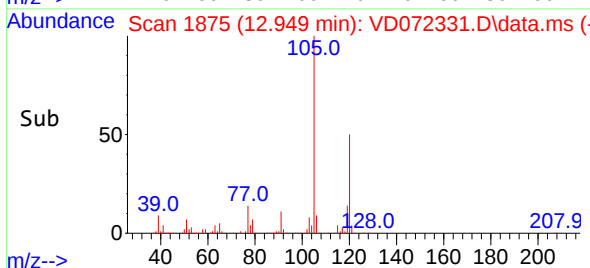
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

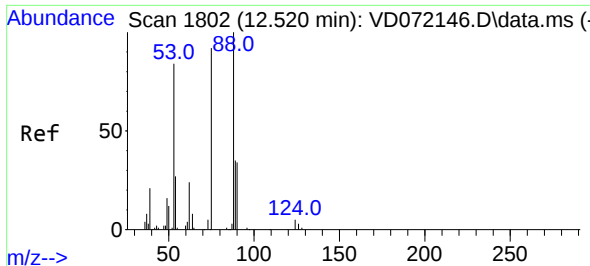


#80
1,3,5-Trimethylbenzene
Concen: 21.681 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50



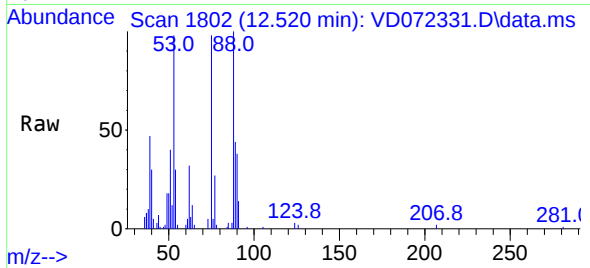
Tgt Ion:105 Resp: 417260
Ion Ratio Lower Upper
105 100
120 48.7 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 21.863 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50

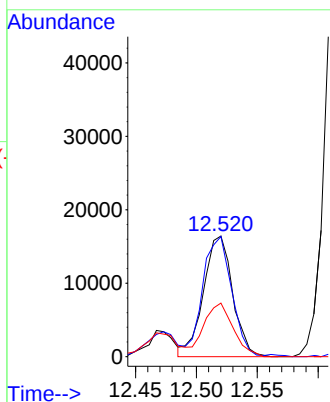
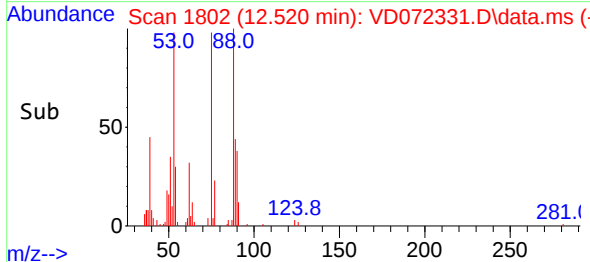
Instrument :
MSVOA_D
ClientSampleId :
VD0321SBS01



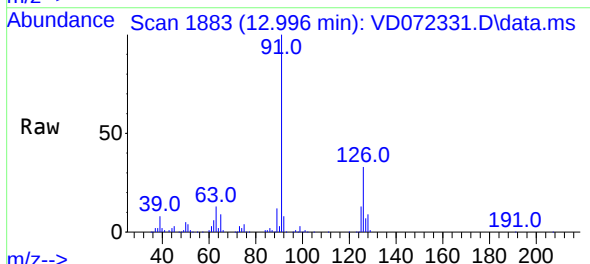
Tgt Ion: 75 Resp: 27478
Ion Ratio Lower Upper
75 100
53 96.2 86.5 129.7
89 44.9 33.9 50.9

Manual Integrations
APPROVED

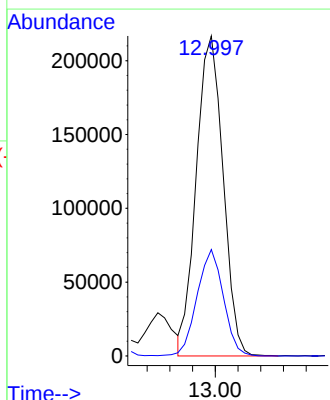
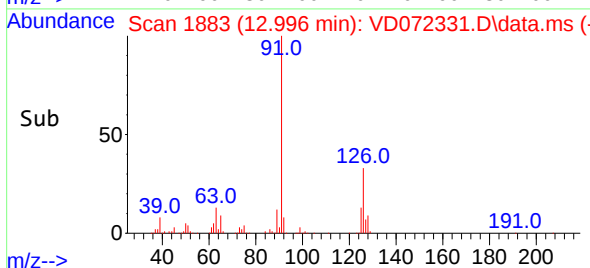
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

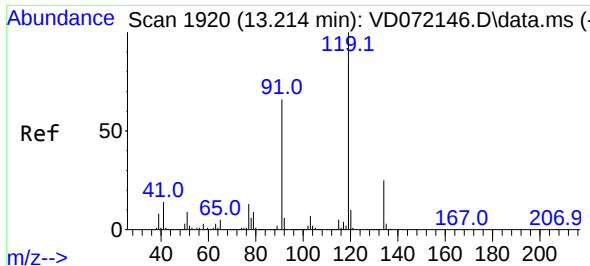


#82
4-Chlorotoluene
Concen: 21.800 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50



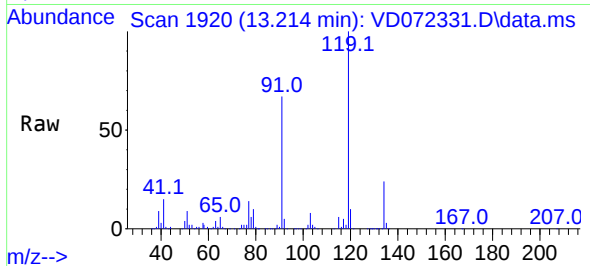
Tgt Ion: 91 Resp: 355156
Ion Ratio Lower Upper
91 100
126 32.7 16.5 49.5





#83
tert-Butylbenzene
Concen: 20.900 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50

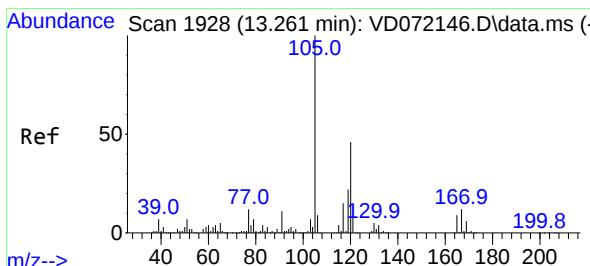
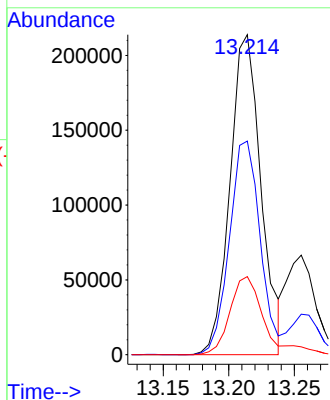
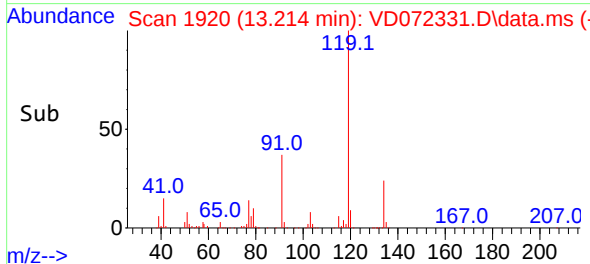
Instrument :
MSVOA_D
ClientSampleId :
VD0321SBS01



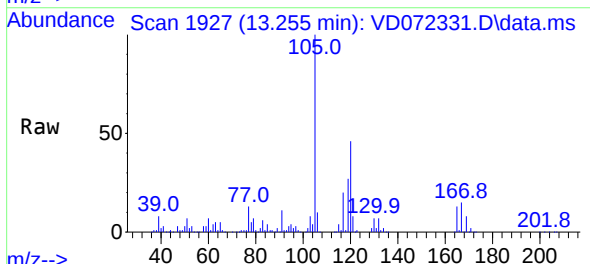
Tgt Ion:119 Resp: 352640
Ion Ratio Lower Upper
119 100
91 65.9 34.8 104.5
134 26.8 13.3 39.9

Manual Integrations
APPROVED

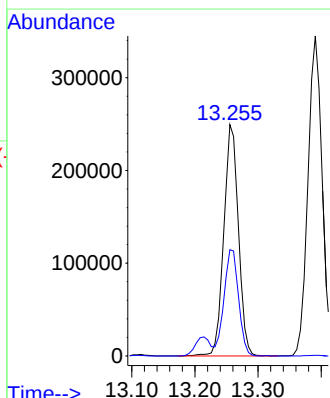
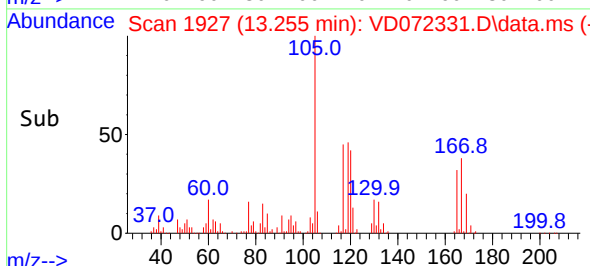
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

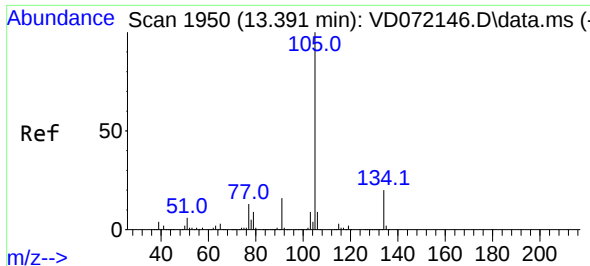


#84
1,2,4-Trimethylbenzene
Concen: 21.165 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50



Tgt Ion:105 Resp: 401360
Ion Ratio Lower Upper
105 100
120 45.4 22.3 66.8





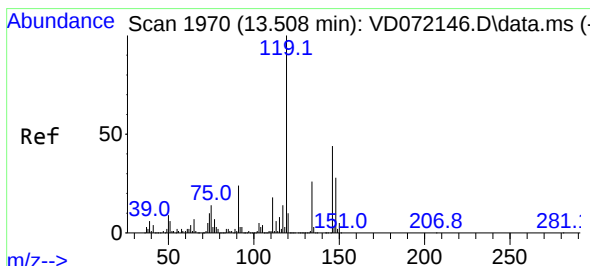
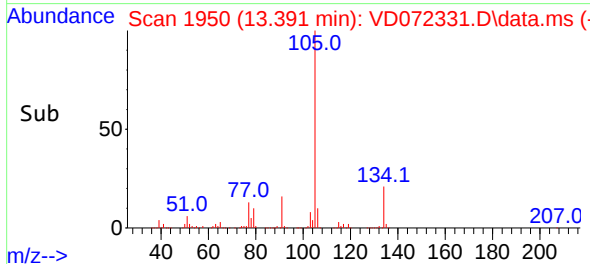
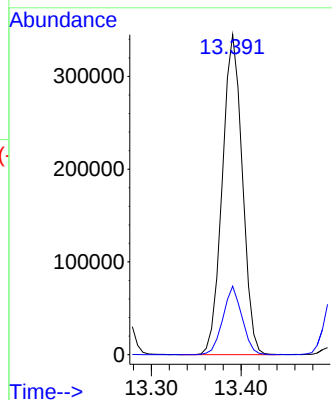
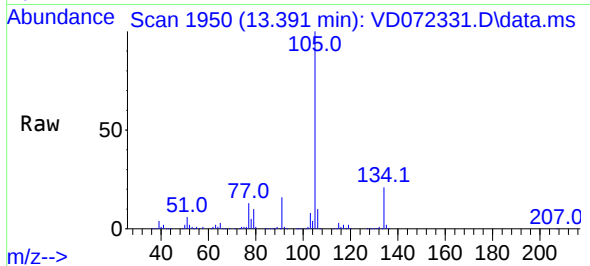
#85
 sec-Butylbenzene
 Concen: 21.132 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VD072331.D
 Acq: 21 Mar 2022 10:50

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0321SBS01

Tgt Ion:105 Resp: 535464
 Ion Ratio Lower Upper
 105 100
 134 20.4 9.8 29.3

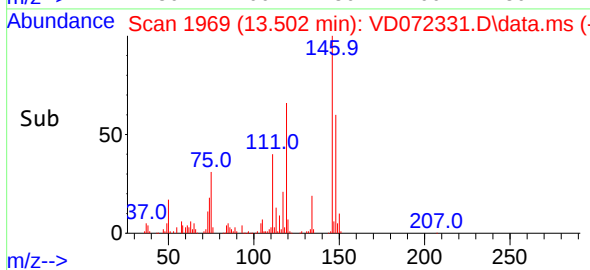
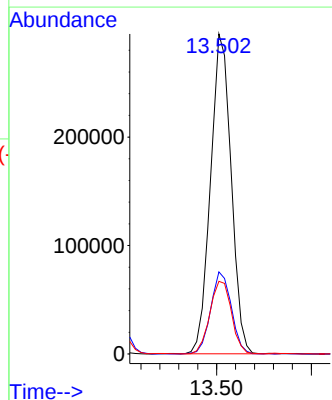
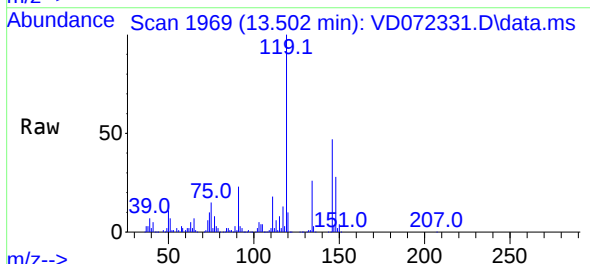
Manual Integrations
 APPROVED

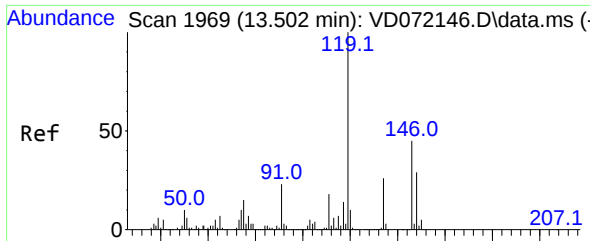
Reviewed By :John Carlone 03/22/2022
 Supervised By :Mahesh Dadoda 03/22/2022



#86
 p-Isopropyltoluene
 Concen: 21.363 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.006 min
 Lab File: VD072331.D
 Acq: 21 Mar 2022 10:50

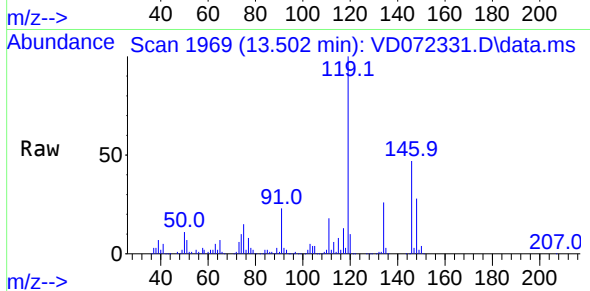
Tgt Ion:119 Resp: 445434
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.9 38.6
 91 23.8 12.1 36.3





#87
1,3-Dichlorobenzene
Concen: 21.574 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50

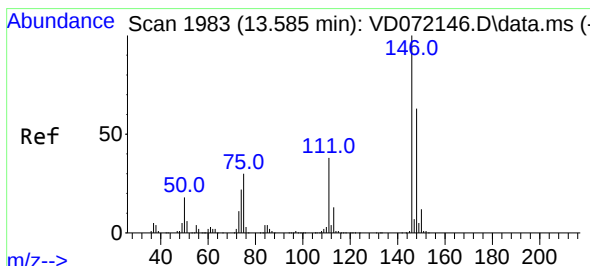
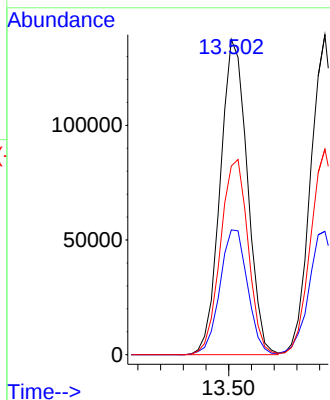
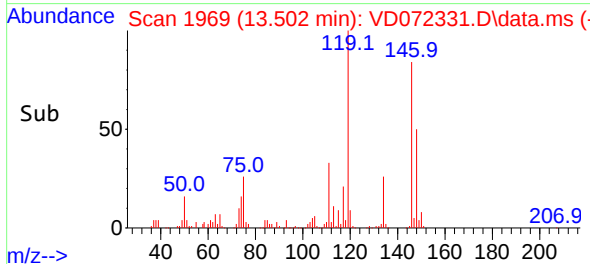
Instrument :
MSVOA_D
ClientSampleId :
VD0321SBS01



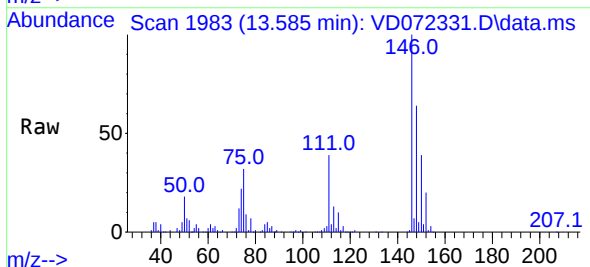
Tgt Ion:146 Resp: 227983
Ion Ratio Lower Upper
146 100
111 40.4 20.4 61.3
148 63.2 31.9 95.7

Manual Integrations
APPROVED

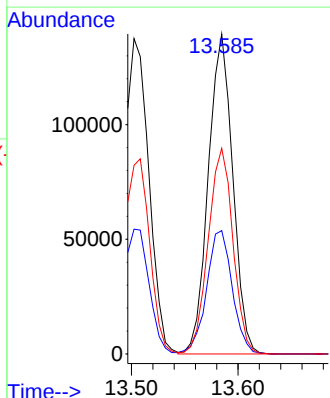
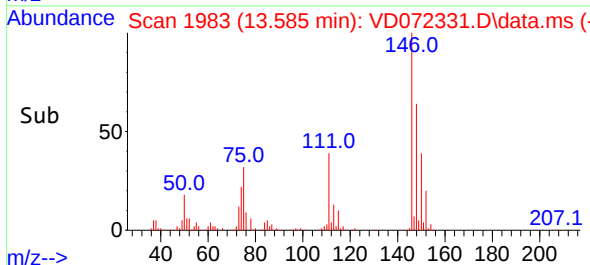
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

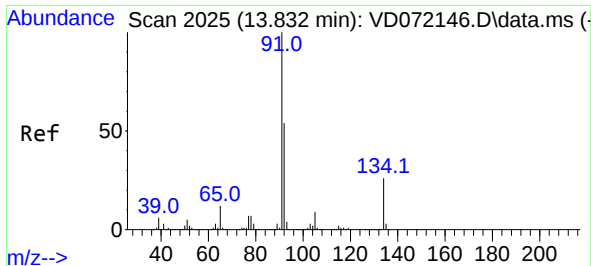


#88
1,4-Dichlorobenzene
Concen: 21.215 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50



Tgt Ion:146 Resp: 222305
Ion Ratio Lower Upper
146 100
111 40.5 20.3 60.9
148 65.1 31.7 95.1





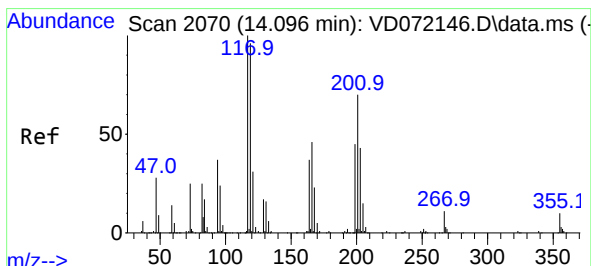
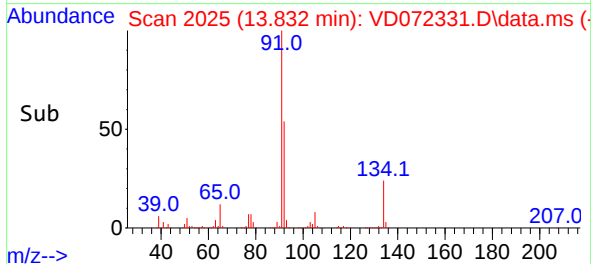
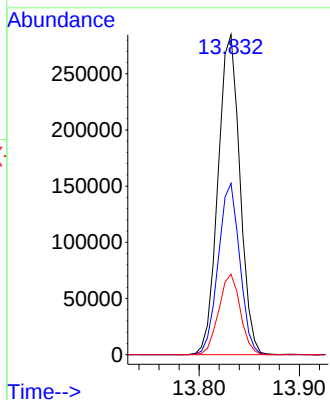
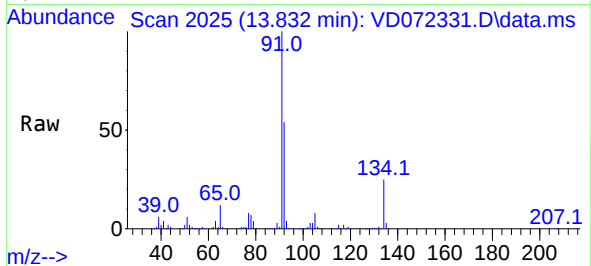
#89
n-Butylbenzene
Concen: 21.740 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. 0.000 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50

Instrument :
MSVOA_D
ClientSampleId :
VD0321SBS01

Tgt Ion: 91 Resp: 43206
Ion Ratio Lower Upper
91 100
92 52.6 26.6 79.8
134 24.8 12.3 36.9

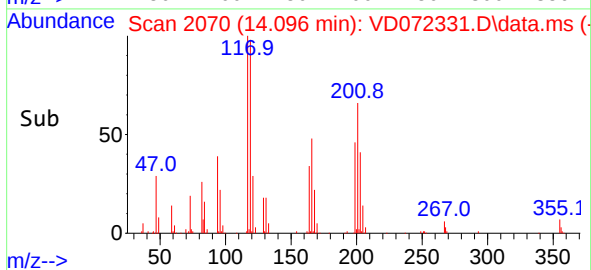
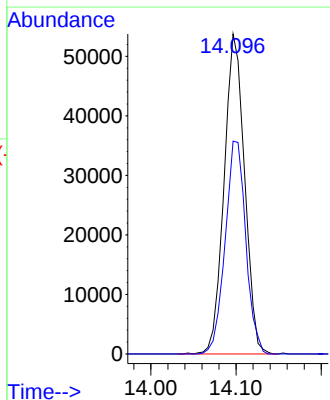
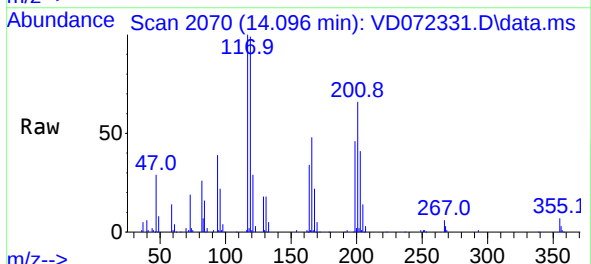
Manual Integrations
APPROVED

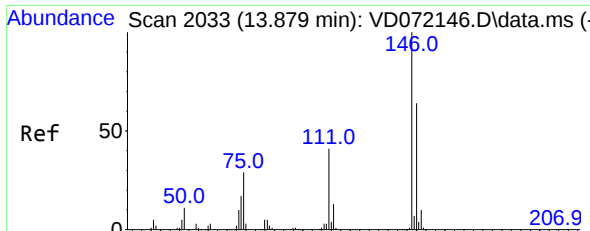
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#90
Hexachloroethane
Concen: 21.994 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50

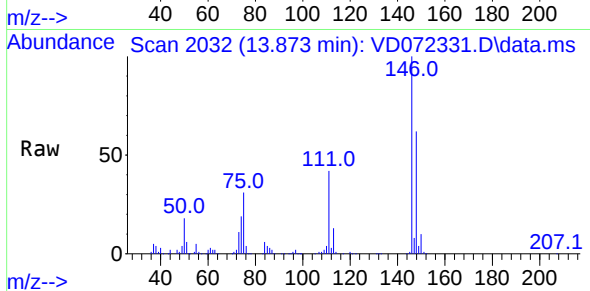
Tgt Ion:117 Resp: 89881
Ion Ratio Lower Upper
117 100
201 67.1 33.4 100.2





#91
1,2-Dichlorobenzene
Concen: 21.785 ug/l
RT: 13.873 min Scan# 2033
Delta R.T. -0.006 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50

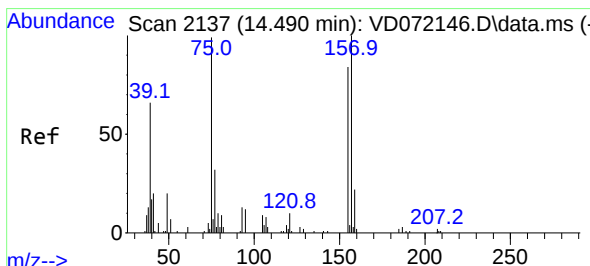
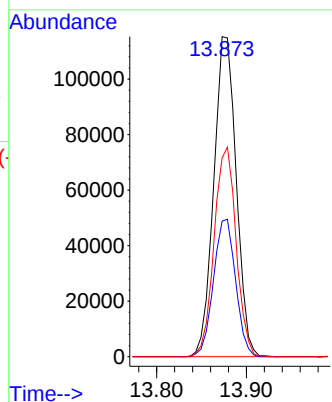
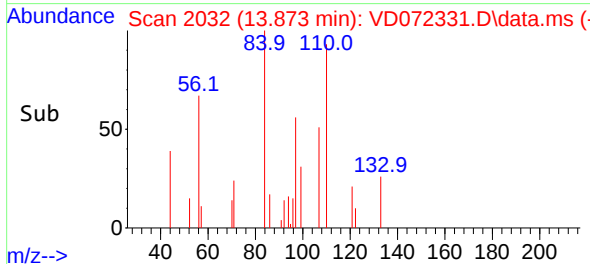
Instrument :
MSVOA_D
ClientSampleId :
VD0321SBS01



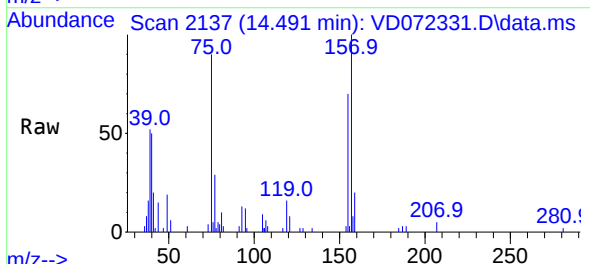
Tgt Ion:146 Resp: 200708
Ion Ratio Lower Upper
146 100
111 42.3 21.1 63.3
148 64.0 31.7 95.1

Manual Integrations
APPROVED

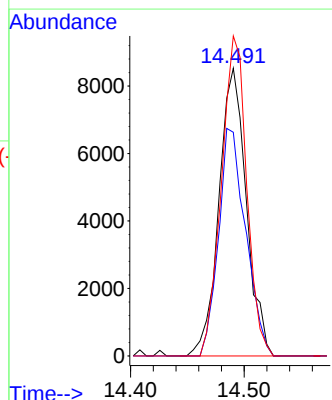
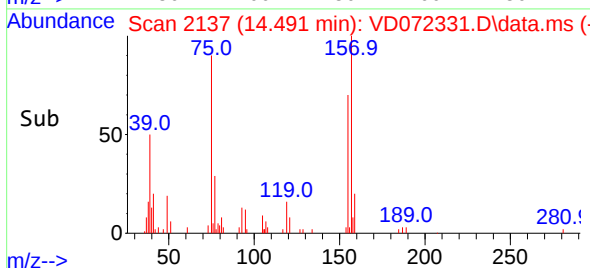
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

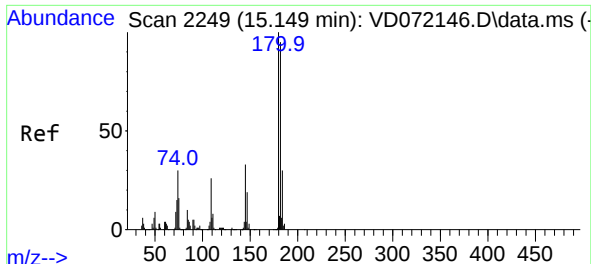


#92
1,2-Dibromo-3-Chloropropane
Concen: 22.334 ug/l
RT: 14.491 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50



Tgt Ion: 75 Resp: 14281
Ion Ratio Lower Upper
75 100
155 78.4 36.8 110.3
157 102.9 48.4 145.0





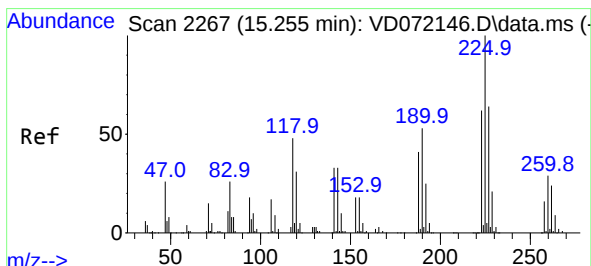
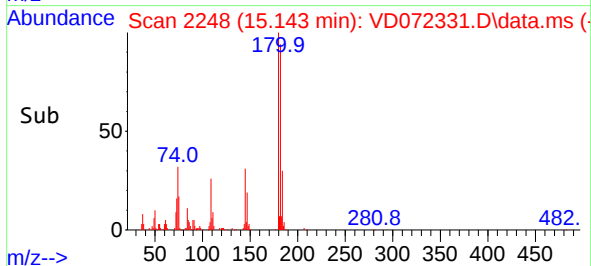
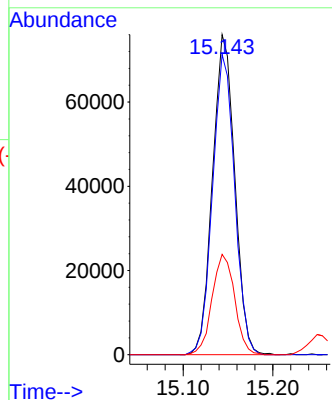
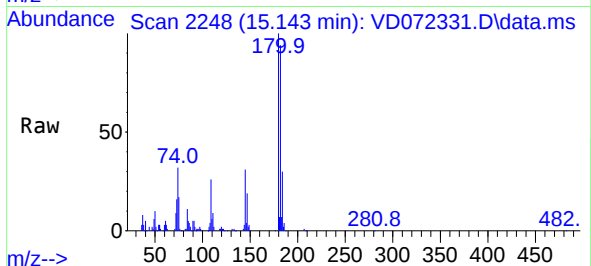
#93
1,2,4-Trichlorobenzene
Concen: 21.360 ug/l
RT: 15.143 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50

Instrument :
MSVOA_D
ClientSampleId :
VD0321SBS01

Tgt Ion:180 Resp: 13029
Ion Ratio Lower Upper
180 100
182 93.4 47.3 142.0
145 32.0 16.2 48.5

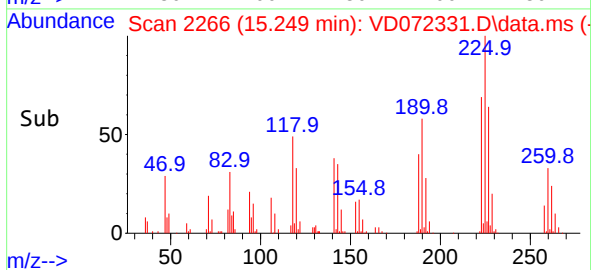
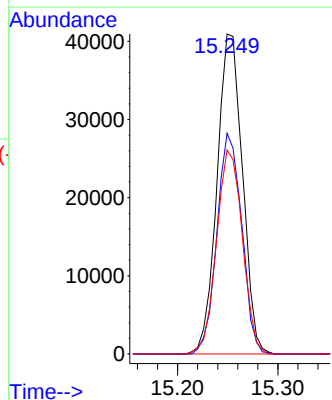
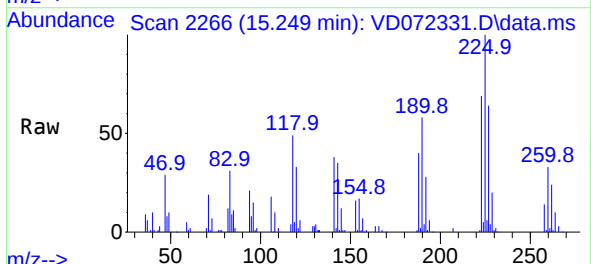
Manual Integrations
APPROVED

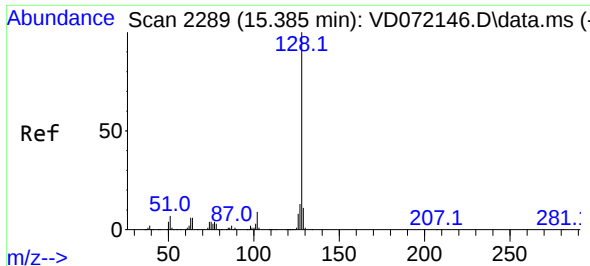
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#94
Hexachlorobutadiene
Concen: 20.340 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. -0.006 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50

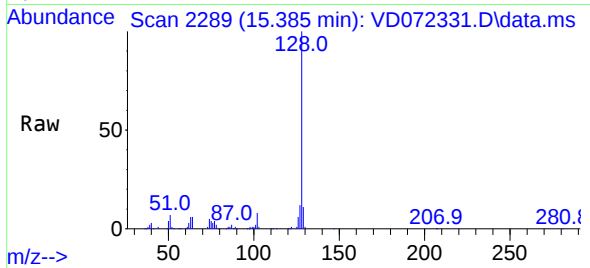
Tgt Ion:225 Resp: 72171
Ion Ratio Lower Upper
225 100
223 67.2 31.1 93.2
227 64.6 32.4 97.0





#95
Naphthalene
Concen: 21.281 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. 0.000 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50

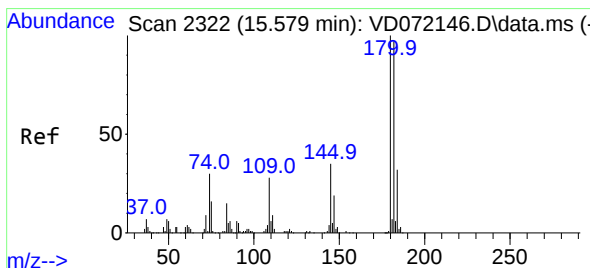
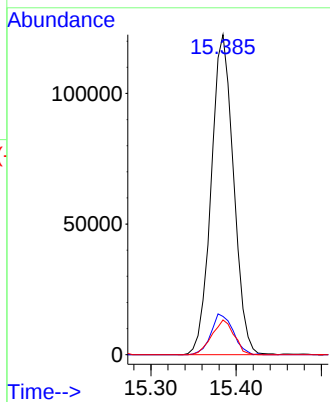
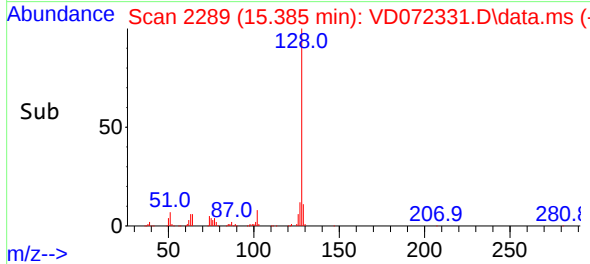
Instrument :
MSVOA_D
ClientSampleId :
VD0321SBS01



Tgt Ion:128 Resp: 223760
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 10.8 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#96
1,2,3-Trichlorobenzene
Concen: 21.047 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VD072331.D
Acq: 21 Mar 2022 10:50

Tgt Ion:180 Resp: 111127
Ion Ratio Lower Upper
180 100
182 94.9 47.6 142.9
145 34.0 17.1 51.3

