

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051222\
 Data File : VD072970.D
 Acq On : 13 May 2022 02:56
 Operator : VA/SY
 Sample : VD0512SBS02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0512SBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/13/2022
 Supervised By : Mahesh Dadoda 05/13/2022

Quant Time: May 13 06:01:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	275551	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	471417	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	458455	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	231497	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	175665	49.111	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.220%		
35) Dibromofluoromethane	7.914	113	178587	53.941	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	107.880%		
50) Toluene-d8	10.331	98	645468	54.350	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	108.700%		
62) 4-Bromofluorobenzene	12.620	95	237968	53.738	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	107.480%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	67433	17.709	ug/l	99
3) Chloromethane	2.208	50	68551	17.311	ug/l	98
4) Vinyl Chloride	2.344	62	62496	17.588	ug/l	97
5) Bromomethane	2.749	94	45344	19.814	ug/l	92
6) Chloroethane	2.908	64	40494	18.285	ug/l	96
7) Trichlorofluoromethane	3.267	101	117012	18.806	ug/l	98
8) Diethyl Ether	3.708	74	32063	17.974	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.096	101	71297	19.301	ug/l	95
10) Methyl Iodide	4.296	142	60480	16.314	ug/l	99
11) Tert butyl alcohol	5.196	59	50906	164.492	ug/l #	77
12) 1,1-Dichloroethene	4.067	96	62329	18.759	ug/l	90
13) Acrolein	3.920	56	12306	43.311	ug/l	93
14) Allyl chloride	4.708	41	97846	18.240	ug/l #	92
15) Acrylonitrile	5.420	53	77135	90.987	ug/l	98
16) Acetone	4.155	43	61042	81.797	ug/l	97
17) Carbon Disulfide	4.402	76	179990	17.228	ug/l	99
18) Methyl Acetate	4.708	43	49569	25.346	ug/l	91
19) Methyl tert-butyl Ether	5.479	73	150352	18.876	ug/l	98
20) Methylene Chloride	4.961	84	113233	23.078	ug/l	86
21) trans-1,2-Dichloroethene	5.467	96	76638	20.112	ug/l	91
22) Diisopropyl ether	6.361	45	227467	19.276	ug/l #	91
23) Vinyl Acetate	6.302	43	533986	81.916	ug/l	96
24) 1,1-Dichloroethane	6.255	63	141272	19.926	ug/l	100
25) 2-Butanone	7.214	43	89786	86.152	ug/l	99
26) 2,2-Dichloropropane	7.196	77	101872	16.997	ug/l	98
27) cis-1,2-Dichloroethene	7.208	96	86160	19.741	ug/l	89
28) Bromochloromethane	7.543	49	47881	18.110	ug/l #	78
29) Tetrahydrofuran	7.567	42	59832	90.069	ug/l	92
30) Chloroform	7.702	83	152441	20.321	ug/l	99
31) Cyclohexane	7.979	56	106592	17.047	ug/l #	82
32) 1,1,1-Trichloroethane	7.896	97	126345	19.761	ug/l	98
36) 1,1-Dichloropropene	8.108	75	105522	19.601	ug/l	97
37) Ethyl Acetate	7.290	43	42323	17.102	ug/l #	93
38) Carbon Tetrachloride	8.090	117	110310	19.739	ug/l	95
39) Methylcyclohexane	9.349	83	108021	17.299	ug/l	98
40) Benzene	8.343	78	315856	20.317	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051222\
 Data File : VD072970.D
 Acq On : 13 May 2022 02:56
 Operator : VA/SY
 Sample : VD0512SBS02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0512SBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/13/2022
 Supervised By : Mahesh Dadoda 05/13/2022

Quant Time: May 13 06:01:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	27387	18.585	ug/l	92
42) 1,2-Dichloroethane	8.420	62	92959	19.842	ug/l	96
43) Isopropyl Acetate	8.449	43	80641	17.654	ug/l #	91
44) Trichloroethene	9.108	130	80475	19.349	ug/l	92
45) 1,2-Dichloropropane	9.379	63	80563	19.732	ug/l	95
46) Dibromomethane	9.467	93	43549	19.336	ug/l	93
47) Bromodichloromethane	9.655	83	116863	20.170	ug/l #	98
48) Methyl methacrylate	9.449	41	41455	18.551	ug/l	92
49) 1,4-Dioxane	9.449	88	9581	377.779	ug/l	96
51) 4-Methyl-2-Pentanone	10.220	43	217706	91.721	ug/l	94
52) Toluene	10.396	92	202857	20.918	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	99457	18.689	ug/l	98
54) cis-1,3-Dichloropropene	10.084	75	116406	18.827	ug/l	90
55) 1,1,2-Trichloroethane	10.790	97	62484	20.523	ug/l	93
56) Ethyl methacrylate	10.655	69	65097	18.159	ug/l #	85
57) 1,3-Dichloropropane	10.937	76	103982	19.902	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.937	63	135189	77.783	ug/l	96
59) 2-Hexanone	10.978	43	144163	90.263	ug/l	97
60) Dibromochloromethane	11.131	129	77632	20.255	ug/l	97
61) 1,2-Dibromoethane	11.237	107	56446	19.047	ug/l	96
64) Tetrachloroethene	10.867	164	68801	20.526	ug/l	97
65) Chlorobenzene	11.661	112	215739	20.345	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.731	131	82245	20.638	ug/l	98
67) Ethyl Benzene	11.731	91	372490	20.298	ug/l	100
68) m/p-Xylenes	11.843	106	295669	41.827	ug/l	97
69) o-Xylene	12.172	106	136407	20.662	ug/l	95
70) Styrene	12.184	104	236025	20.634	ug/l	98
71) Bromoform	12.343	173	44219	20.474	ug/l #	98
73) Isopropylbenzene	12.467	105	350515	19.461	ug/l	99
74) N-amyl acetate	12.278	43	75225	16.771	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	71937	19.786	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	51294m	19.871	ug/l	
77) Bromobenzene	12.749	156	85082	19.893	ug/l	93
78) n-propylbenzene	12.808	91	451399	19.885	ug/l	99
79) 2-Chlorotoluene	12.896	91	268879	20.277	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	310611	20.338	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	18916	16.851	ug/l	90
82) 4-Chlorotoluene	12.990	91	279807	20.195	ug/l	99
83) tert-Butylbenzene	13.214	119	259787	20.008	ug/l	95
84) 1,2,4-Trimethylbenzene	13.255	105	311341	20.395	ug/l	98
85) sec-Butylbenzene	13.390	105	391819	20.008	ug/l	100
86) p-Isopropyltoluene	13.502	119	323788	20.166	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	173681	20.158	ug/l	98
88) 1,4-Dichlorobenzene	13.584	146	174839	20.377	ug/l	99
89) n-Butylbenzene	13.825	91	298412	19.186	ug/l	99
90) Hexachloroethane	14.096	117	65485	19.909	ug/l	97
91) 1,2-Dichlorobenzene	13.872	146	152367	20.291	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.490	75	10630	18.444	ug/l	90
93) 1,2,4-Trichlorobenzene	15.143	180	83777	18.839	ug/l	99
94) Hexachlorobutadiene	15.249	225	46864	19.296	ug/l	98
95) Naphthalene	15.384	128	147168	18.000	ug/l	98
96) 1,2,3-Trichlorobenzene	15.572	180	76265	19.346	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051222\
 Data File : VD072970.D
 Acq On : 13 May 2022 02:56
 Operator : VA/SY
 Sample : VD0512SBS02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
ClientSampleId :
 VD0512SBS02

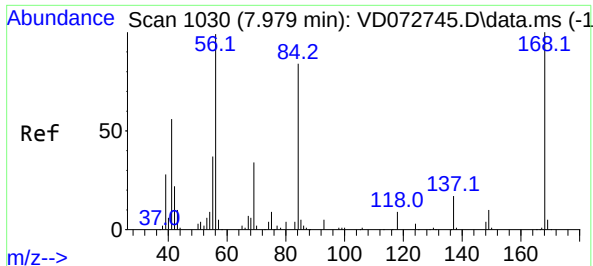
Manual Integrations
APPROVED

Reviewed By : John Carlone 05/13/2022
 Supervised By : Mahesh Dadoda 05/13/2022

Quant Time: May 13 06:01:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

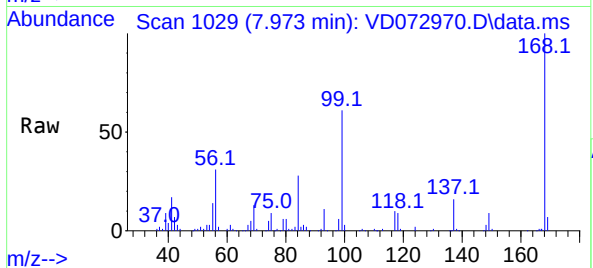
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56

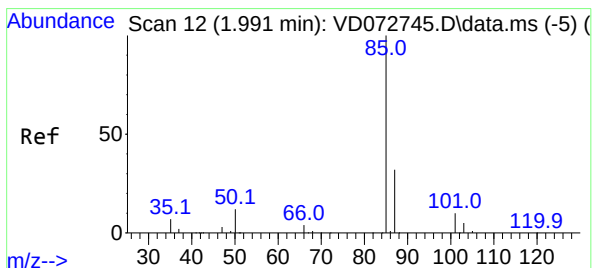
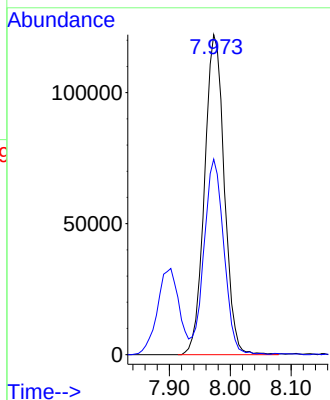
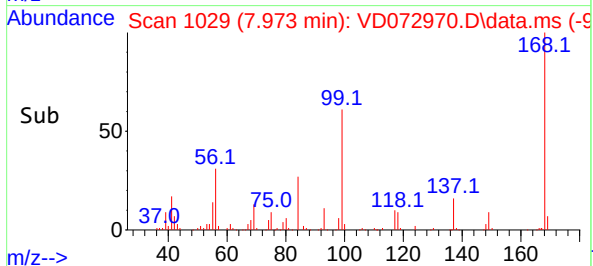
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS02



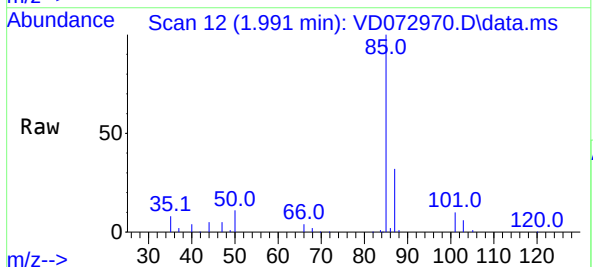
Tgt Ion:168 Resp: 27555
Ion Ratio Lower Upper
168 100
99 60.8 49.8 74.6

Manual Integrations
APPROVED

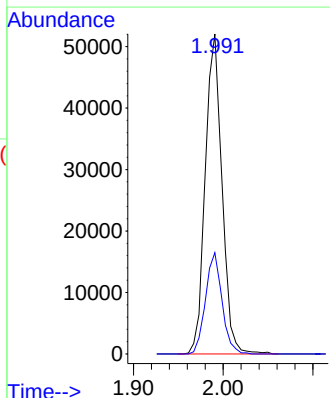
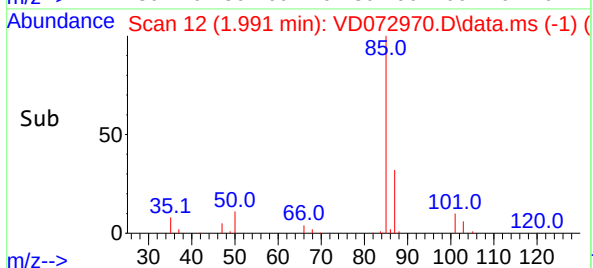
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

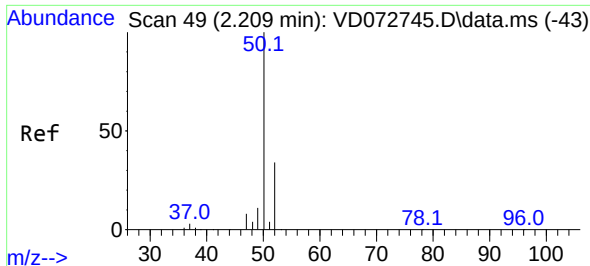


#2
Dichlorodifluoromethane
Concen: 17.709 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56



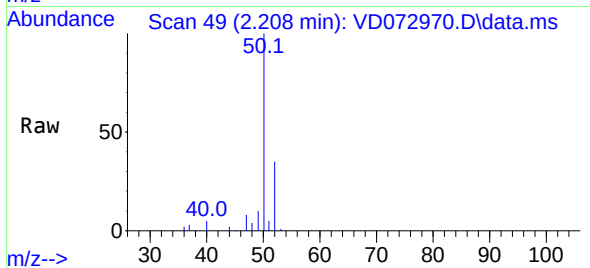
Tgt Ion: 85 Resp: 67433
Ion Ratio Lower Upper
85 100
87 31.6 15.7 47.0





#3
Chloromethane
Concen: 17.311 ug/l
RT: 2.208 min Scan# 49
Delta R.T. -0.001 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56

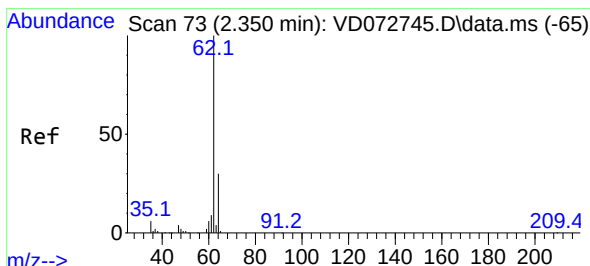
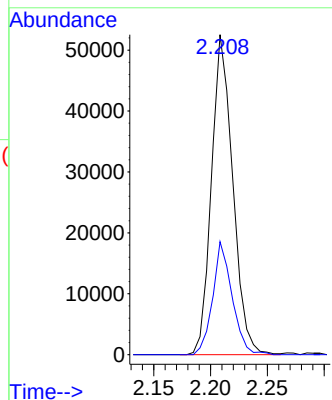
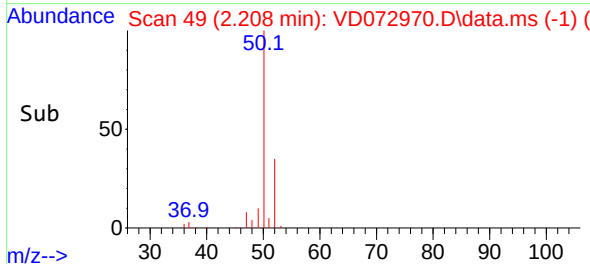
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS02



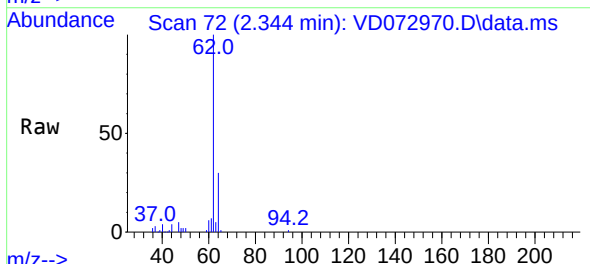
Tgt Ion: 50 Resp: 6855
Ion Ratio Lower Upper
50 100
52 35.3 27.4 41.0

Manual Integrations
APPROVED

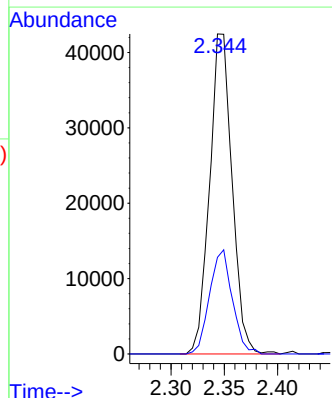
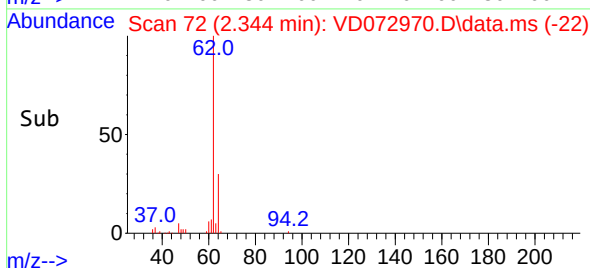
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

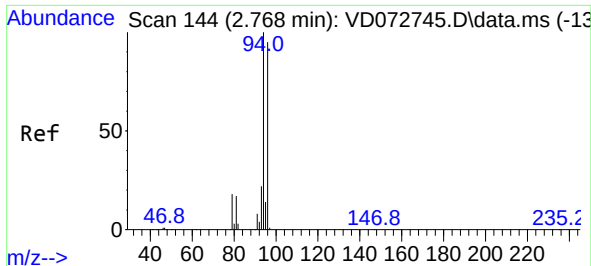


#4
Vinyl Chloride
Concen: 17.588 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56



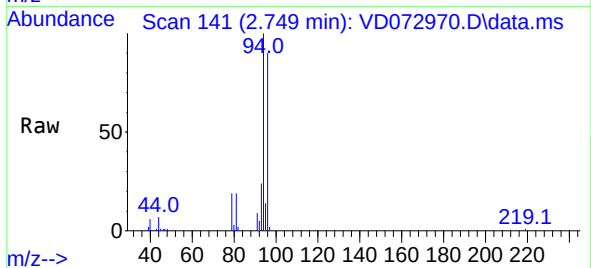
Tgt Ion: 62 Resp: 62496
Ion Ratio Lower Upper
62 100
64 30.2 25.4 38.0





#5
Bromomethane
Concen: 19.814 ug/l
RT: 2.749 min Scan# 144
Delta R.T. -0.019 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56

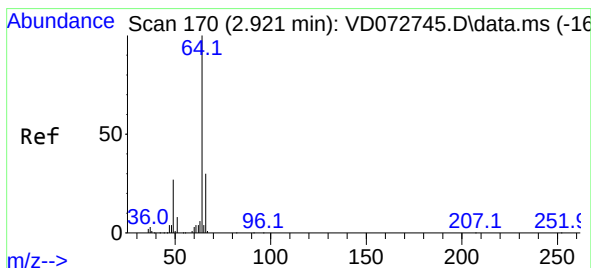
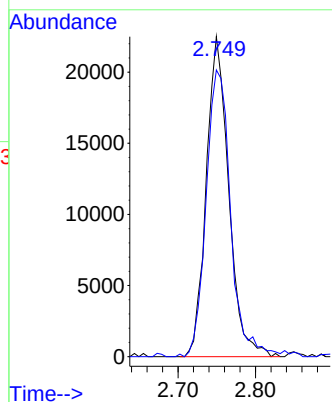
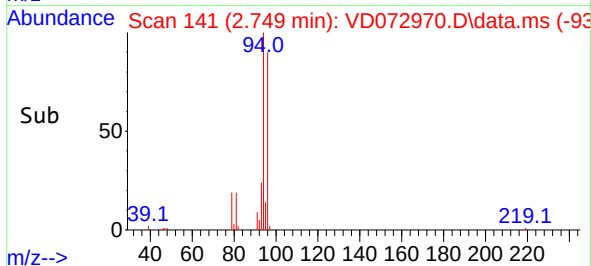
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS02



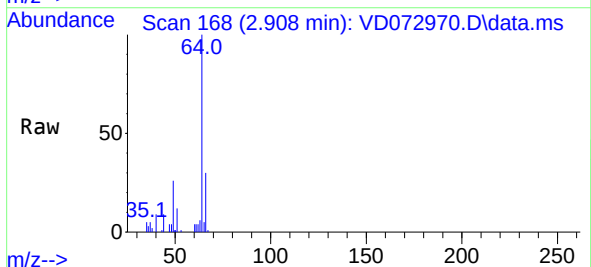
Tgt Ion: 94 Resp: 45344
Ion Ratio Lower Upper
94 100
96 88.8 77.6 116.4

Manual Integrations
APPROVED

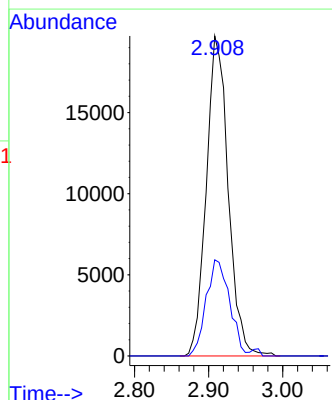
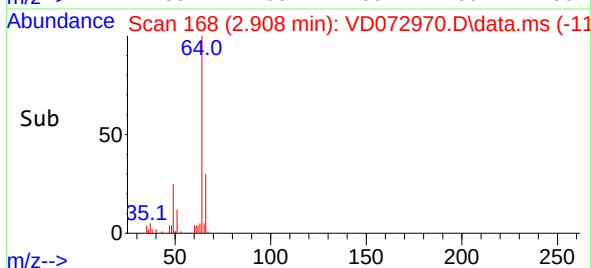
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

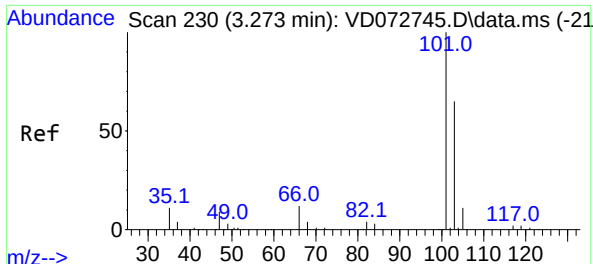


#6
Chloroethane
Concen: 18.285 ug/l
RT: 2.908 min Scan# 168
Delta R.T. -0.013 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56



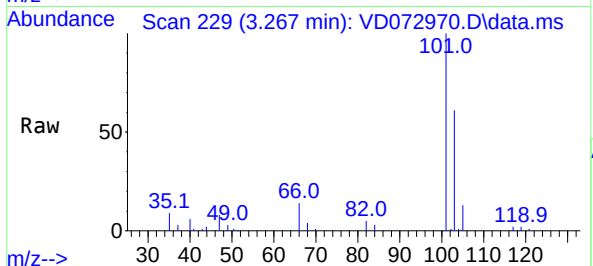
Tgt Ion: 64 Resp: 40494
Ion Ratio Lower Upper
64 100
66 30.1 25.9 38.9





#7
Trichlorofluoromethane
Concen: 18.806 ug/l
RT: 3.267 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56

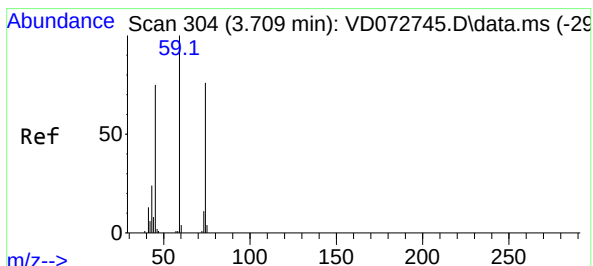
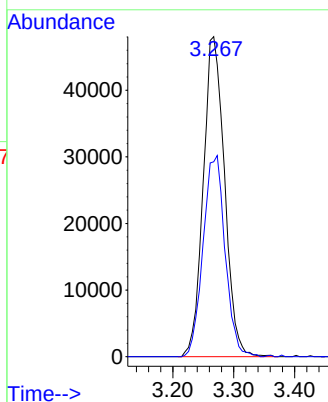
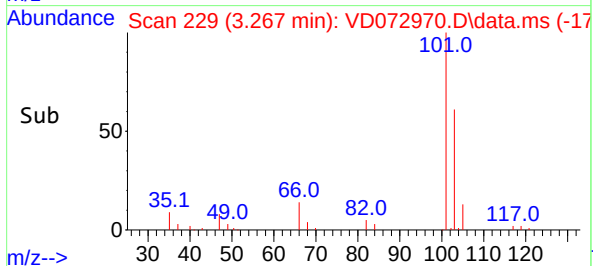
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS02



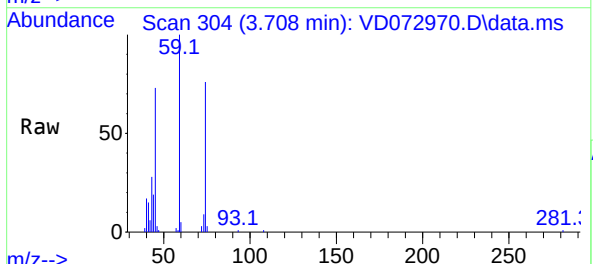
Tgt Ion:101 Resp: 117012
Ion Ratio Lower Upper
101 100
103 60.9 50.1 75.1

Manual Integrations
APPROVED

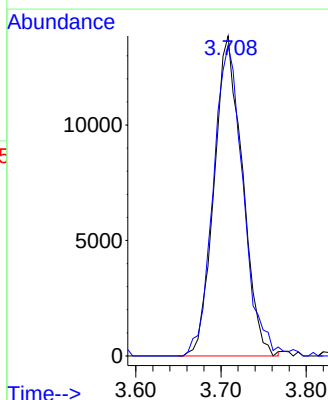
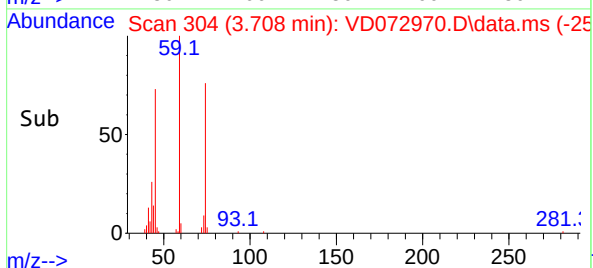
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

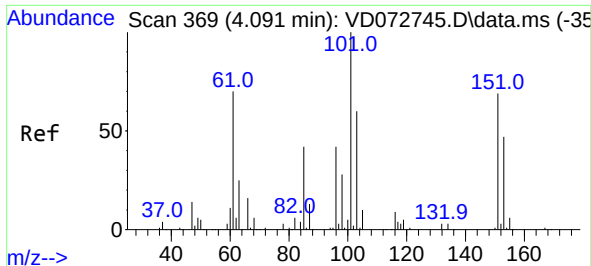


#8
Diethyl Ether
Concen: 17.974 ug/l
RT: 3.708 min Scan# 304
Delta R.T. -0.001 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56



Tgt Ion: 74 Resp: 32063
Ion Ratio Lower Upper
74 100
45 103.4 52.6 157.8





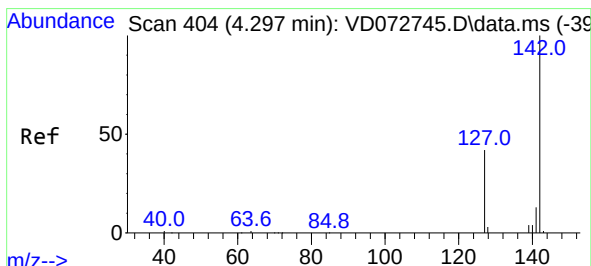
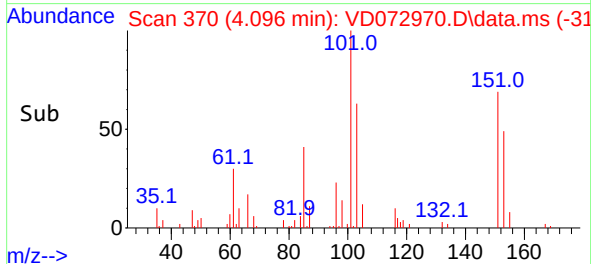
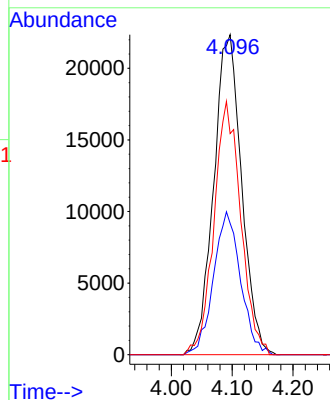
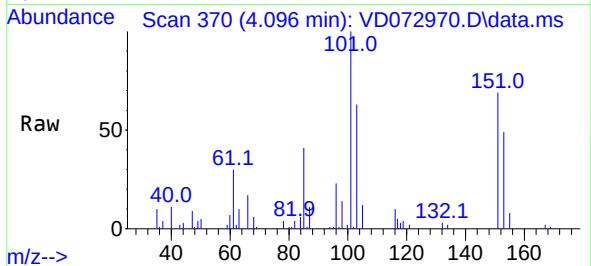
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.301 ug/l
RT: 4.096 min Scan# 31
Delta R.T. 0.005 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS02

Tgt Ion:101 Resp: 7129
Ion Ratio Lower Upper
101 100
85 43.2 36.4 54.6
151 75.9 57.3 85.9

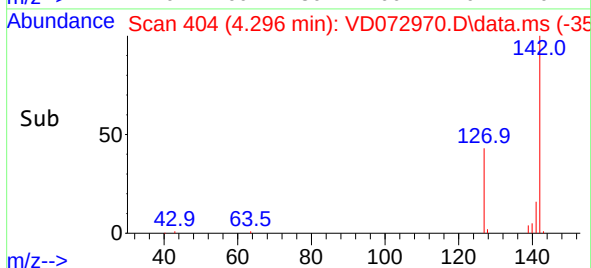
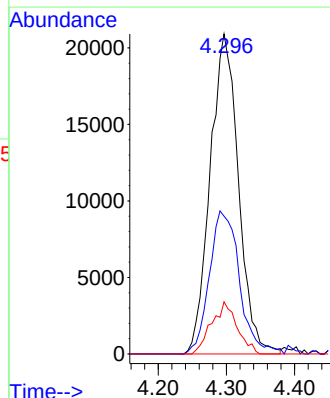
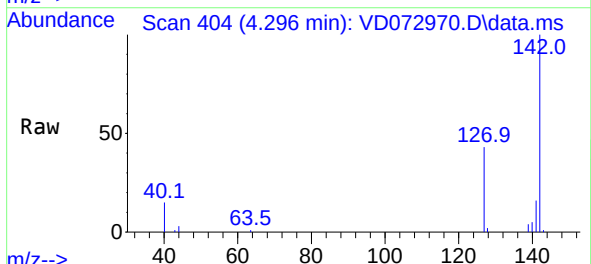
Manual Integrations
APPROVED

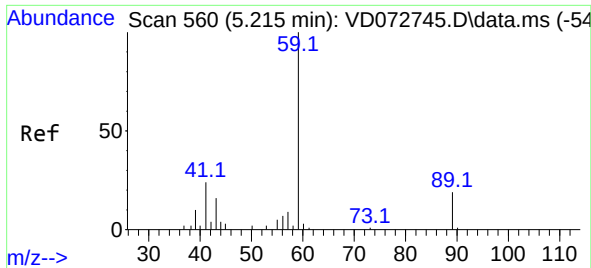
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#10
Methyl Iodide
Concen: 16.314 ug/l
RT: 4.296 min Scan# 404
Delta R.T. -0.001 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56

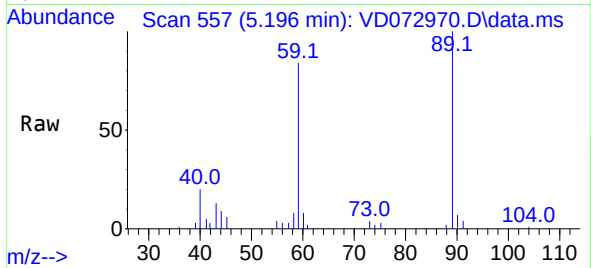
Tgt Ion:142 Resp: 60480
Ion Ratio Lower Upper
142 100
127 47.4 37.3 55.9
141 14.7 11.7 17.5





#11
Tert butyl alcohol
Concen: 164.492 ug/l
RT: 5.196 min Scan# 51
Delta R.T. -0.019 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56

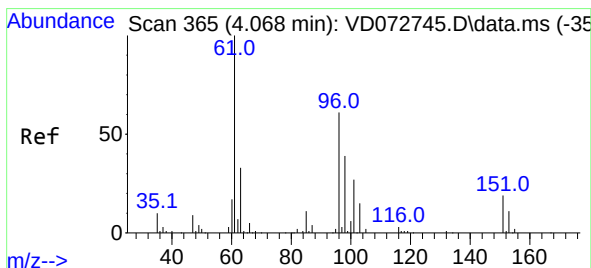
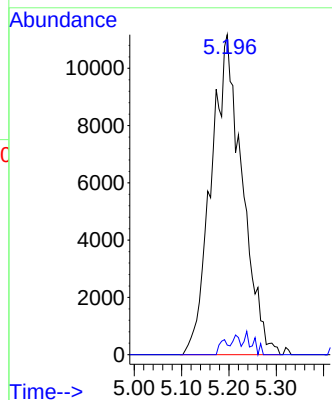
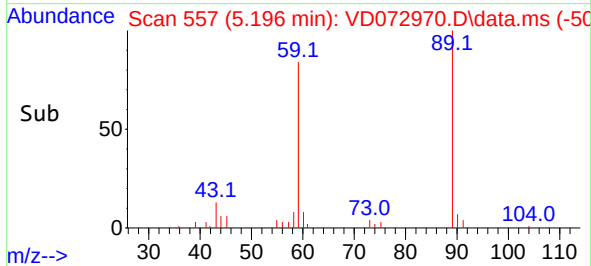
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS02



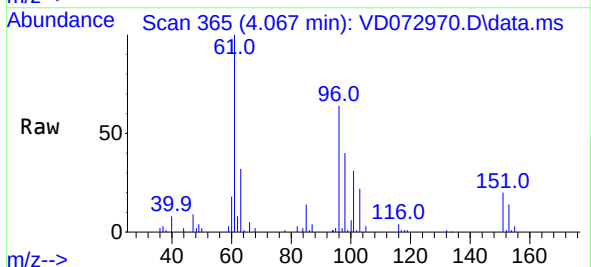
Tgt Ion: 59 Resp: 50900
Ion Ratio Lower Upper
59 100
57 1.4 7.8 11.6

Manual Integrations
APPROVED

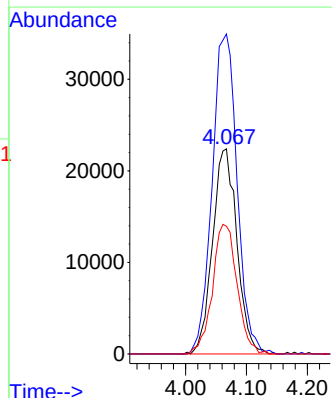
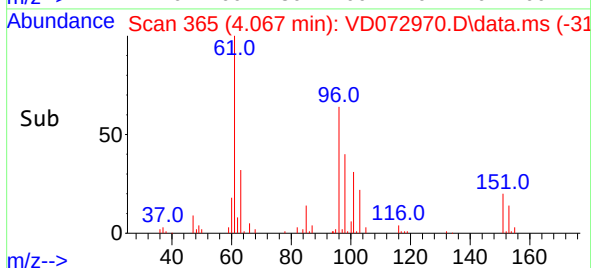
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

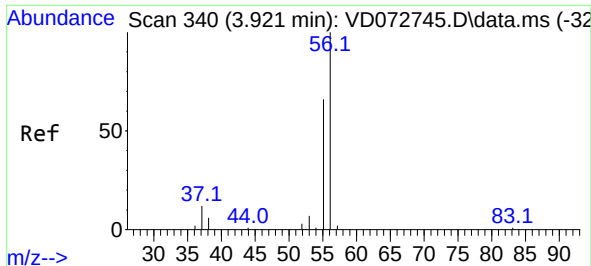


#12
1,1-Dichloroethene
Concen: 18.759 ug/l
RT: 4.067 min Scan# 365
Delta R.T. -0.001 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56



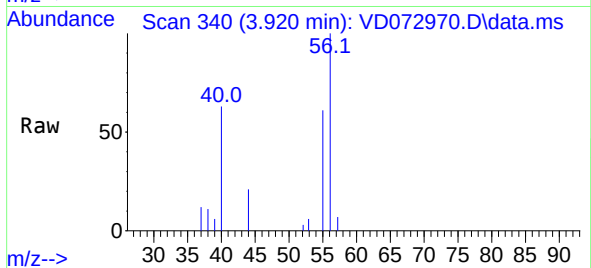
Tgt Ion: 96 Resp: 62329
Ion Ratio Lower Upper
96 100
61 156.0 138.5 207.7
98 62.2 48.6 73.0





#13
Acrolein
Concen: 43.311 ug/l
RT: 3.920 min Scan# 340
Delta R.T. -0.001 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56

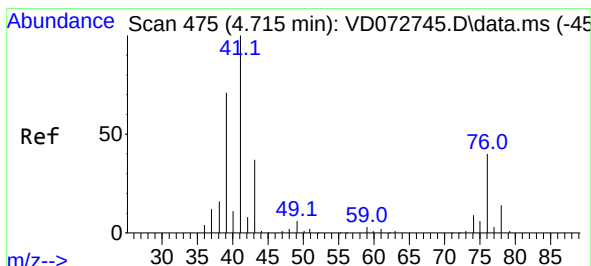
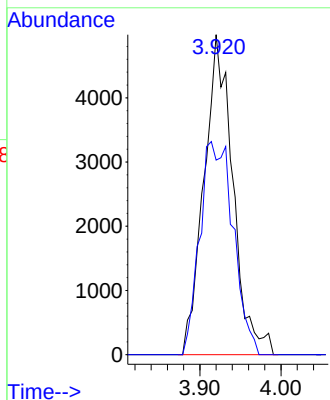
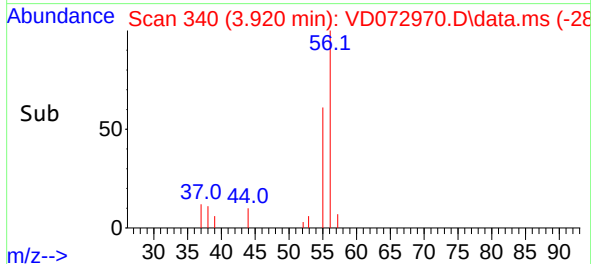
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS02



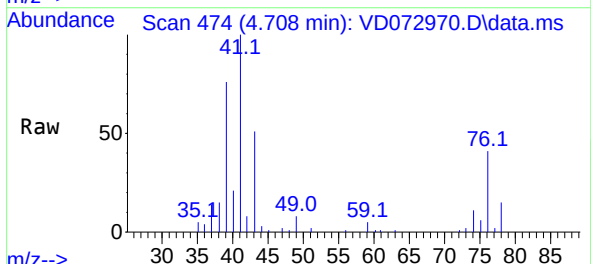
Tgt Ion: 56 Resp: 12300
Ion Ratio Lower Upper
56 100
55 77.0 57.1 85.7

Manual Integrations
APPROVED

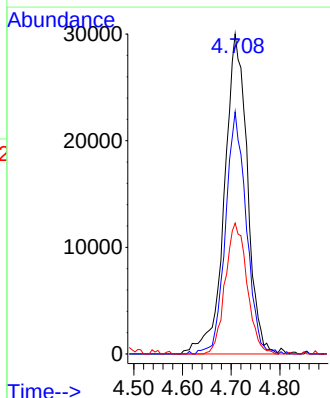
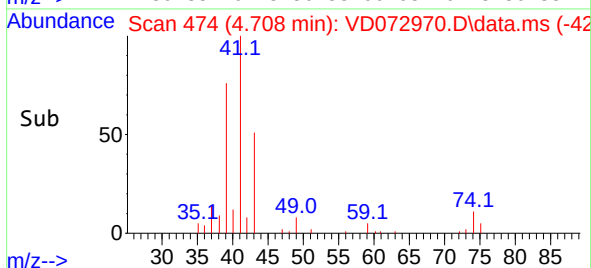
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

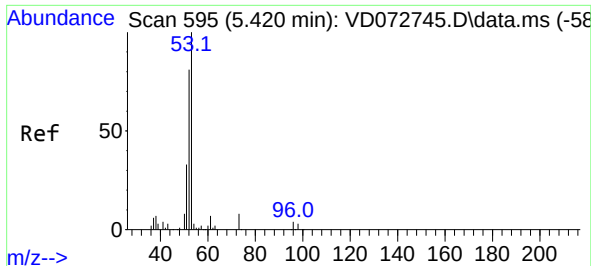


#14
Allyl chloride
Concen: 18.240 ug/l
RT: 4.708 min Scan# 474
Delta R.T. -0.007 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56



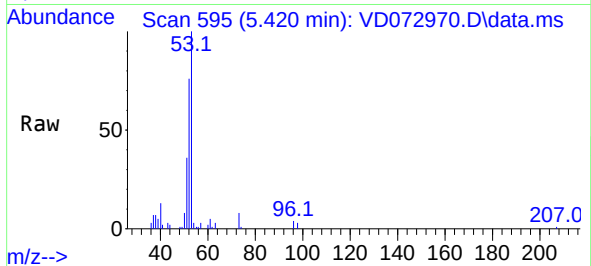
Tgt Ion: 41 Resp: 97846
Ion Ratio Lower Upper
41 100
39 69.1 59.3 88.9
76 38.9 25.7 38.5#





#15
Acrylonitrile
Concen: 90.987 ug/l
RT: 5.420 min Scan# 595
Delta R.T. -0.000 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56

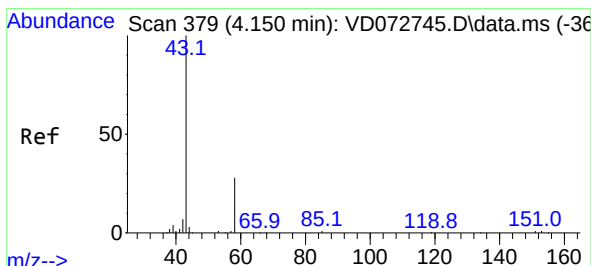
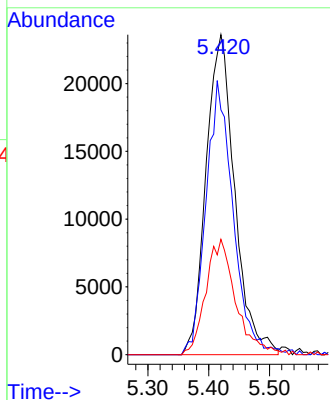
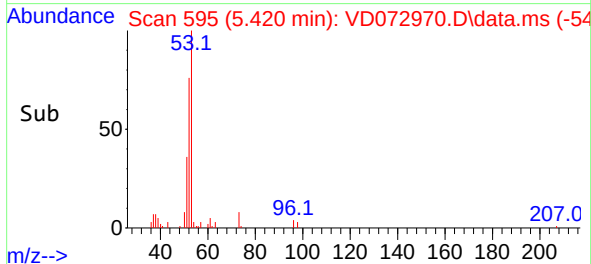
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS02



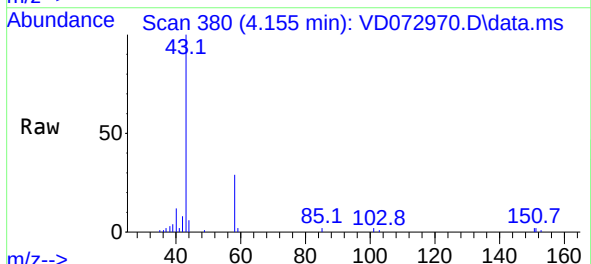
Tgt Ion: 53 Resp: 77135
Ion Ratio Lower Upper
53 100
52 81.2 67.2 100.8
51 38.0 30.3 45.5

Manual Integrations
APPROVED

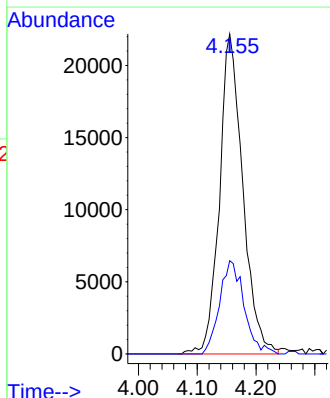
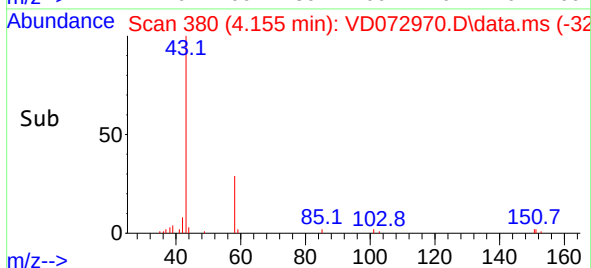
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

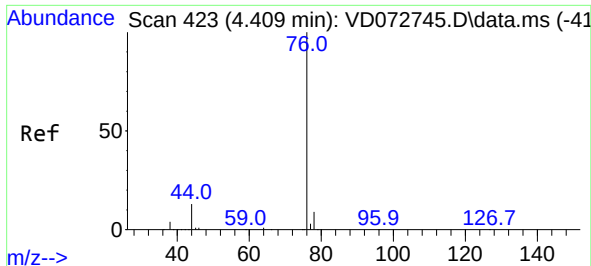


#16
Acetone
Concen: 81.797 ug/l
RT: 4.155 min Scan# 380
Delta R.T. 0.005 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56



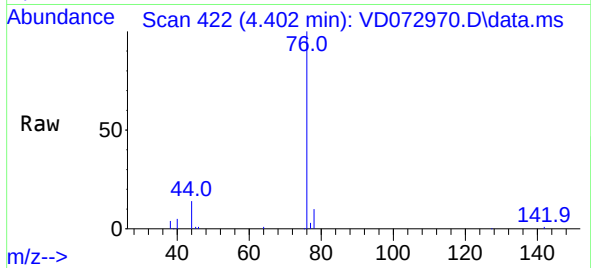
Tgt Ion: 43 Resp: 61042
Ion Ratio Lower Upper
43 100
58 29.2 22.1 33.1





#17
Carbon Disulfide
Concen: 17.228 ug/l
RT: 4.402 min Scan# 41
Delta R.T. -0.007 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56

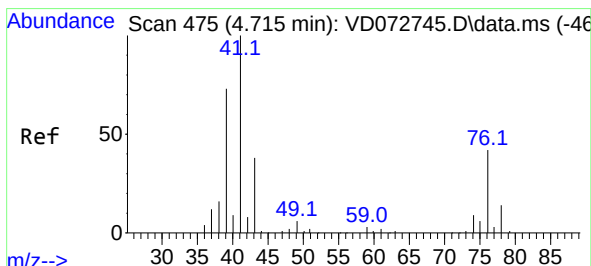
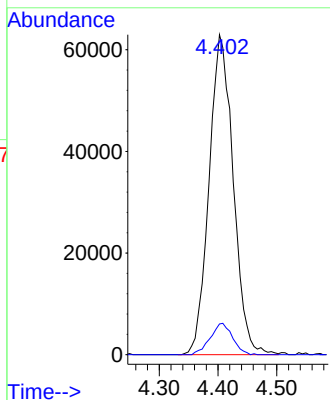
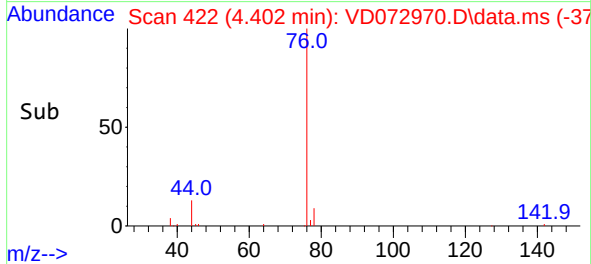
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS02



Tgt Ion: 76 Resp: 179990
Ion Ratio Lower Upper
76 100
78 9.6 7.5 11.3

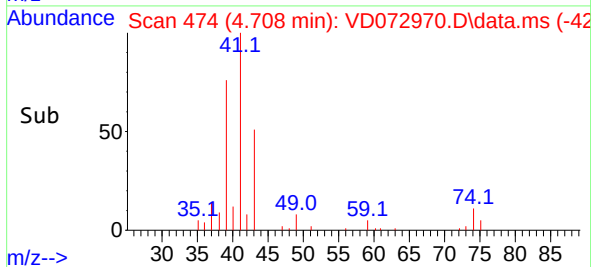
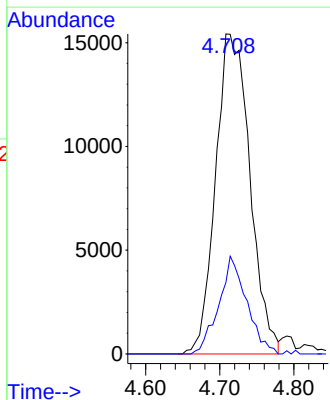
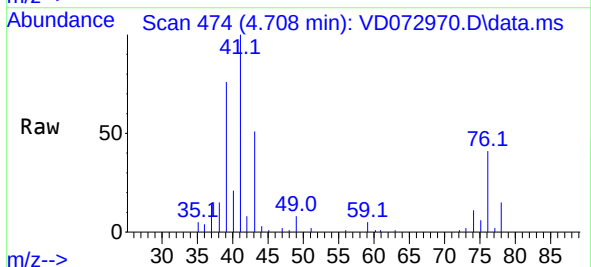
Manual Integrations
APPROVED

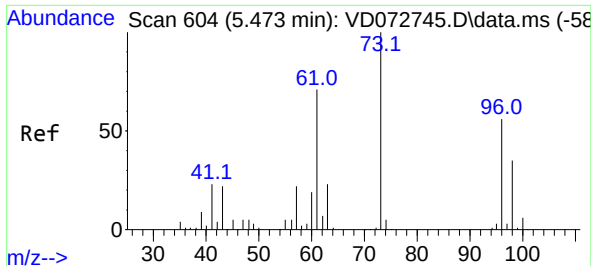
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#18
Methyl Acetate
Concen: 25.346 ug/l
RT: 4.708 min Scan# 474
Delta R.T. -0.007 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56

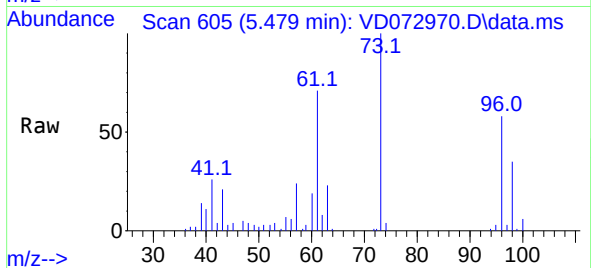
Tgt Ion: 43 Resp: 49569
Ion Ratio Lower Upper
43 100
74 24.9 16.7 25.1





#19
Methyl tert-butyl Ether
Concen: 18.876 ug/l
RT: 5.479 min Scan# 604
Delta R.T. 0.006 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56

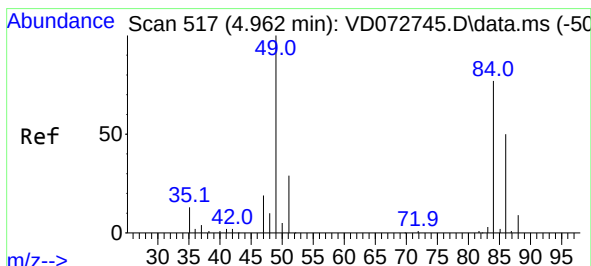
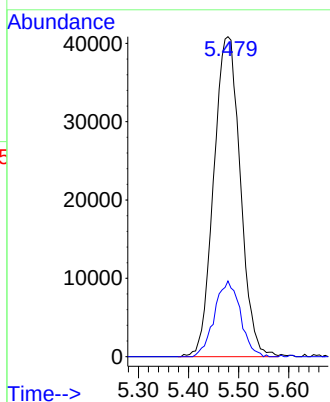
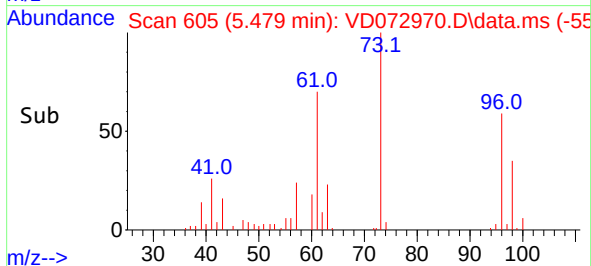
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS02



Tgt Ion: 73 Resp: 150352
Ion Ratio Lower Upper
73 100
57 23.7 18.0 27.0

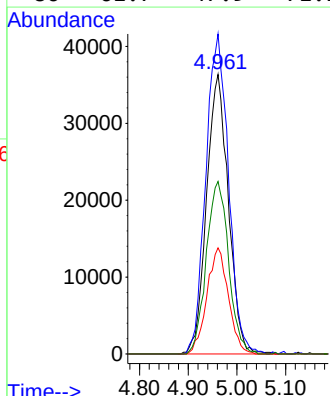
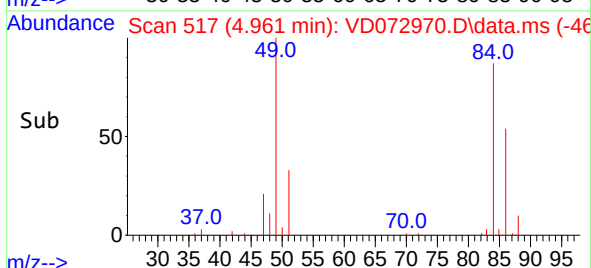
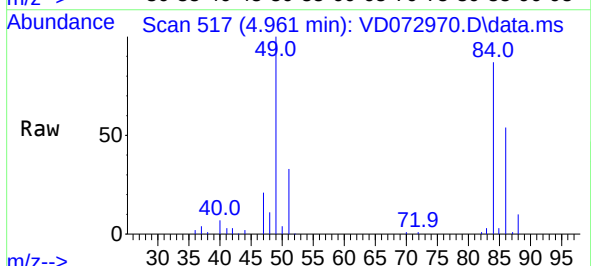
Manual Integrations
APPROVED

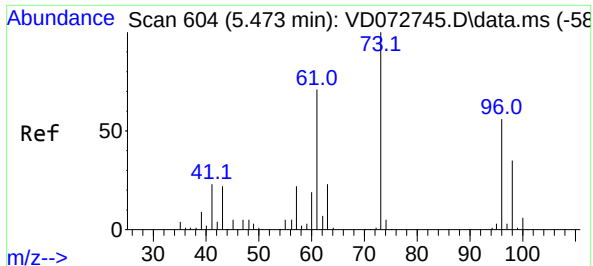
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#20
Methylene Chloride
Concen: 23.078 ug/l
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56

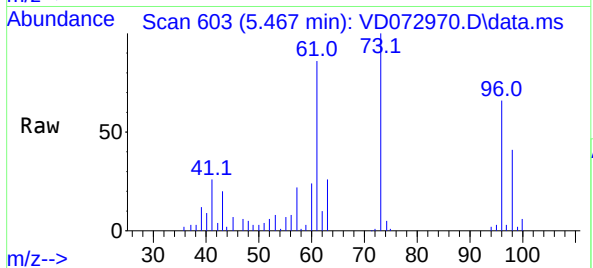
Tgt Ion: 84 Resp: 113233
Ion Ratio Lower Upper
84 100
49 114.5 112.8 169.2
51 38.0 32.6 48.8
86 61.7 47.9 71.9





#21
trans-1,2-Dichloroethene
Concen: 20.112 ug/l
RT: 5.467 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56

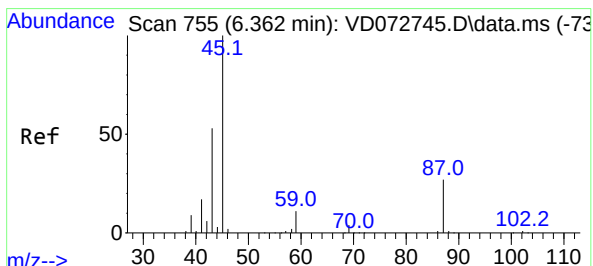
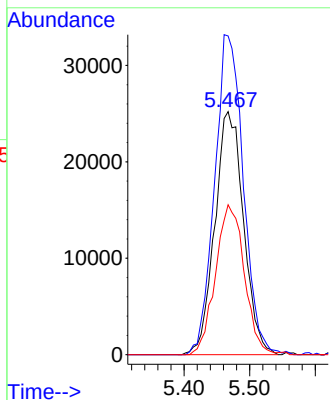
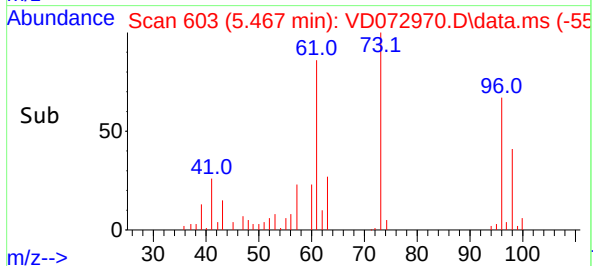
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS02



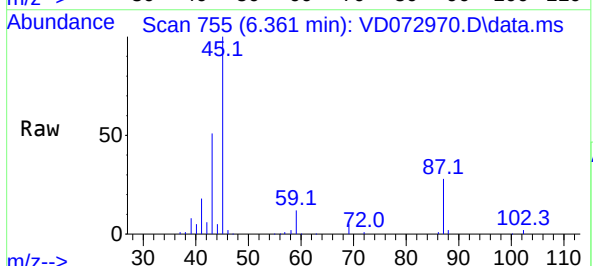
Tgt Ion: 96 Resp: 76638
Ion Ratio Lower Upper
96 100
61 131.1 117.9 176.9
98 61.7 49.4 74.2

Manual Integrations
APPROVED

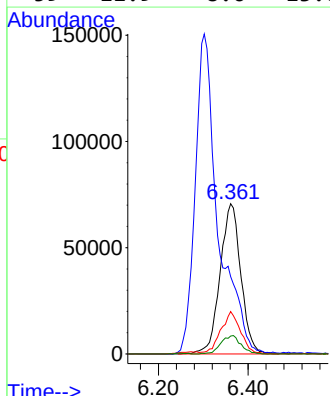
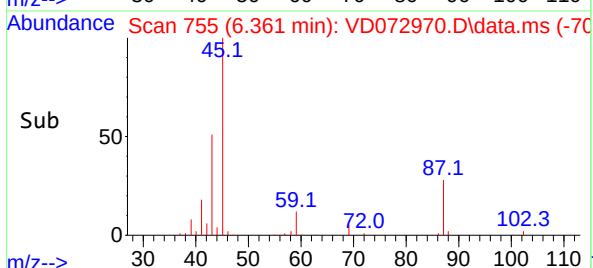
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

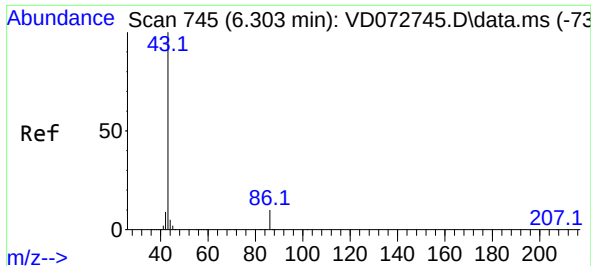


#22
Diisopropyl ether
Concen: 19.276 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.001 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56



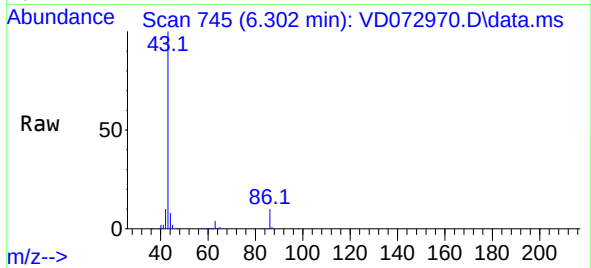
Tgt Ion: 45 Resp: 227467
Ion Ratio Lower Upper
45 100
43 50.9 46.6 70.0
87 28.3 18.4 27.6#
59 11.9 8.6 13.0





#23
 Vinyl Acetate
 Concen: 81.916 ug/l
 RT: 6.302 min Scan# 745
 Delta R.T. -0.001 min
 Lab File: VD072970.D
 Acq: 13 May 2022 02:56

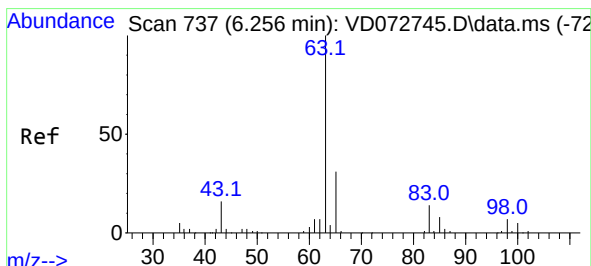
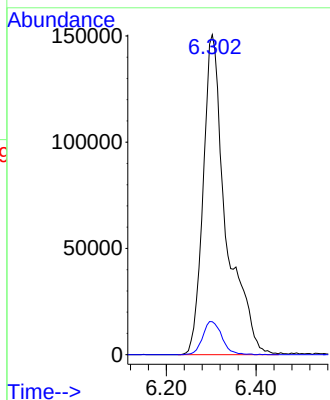
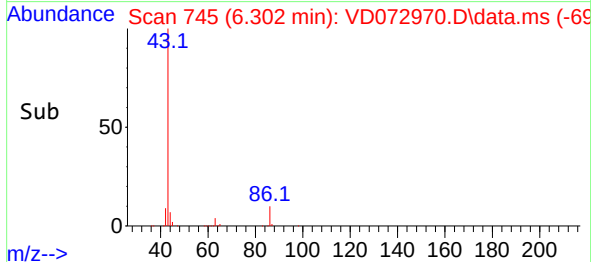
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0512SBS02



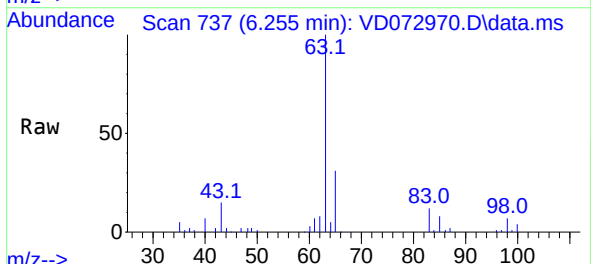
Tgt Ion: 43 Resp: 533980
 Ion Ratio Lower Upper
 43 100
 86 10.3 7.1 10.7

Manual Integrations
 APPROVED

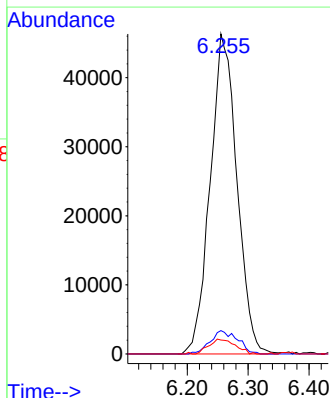
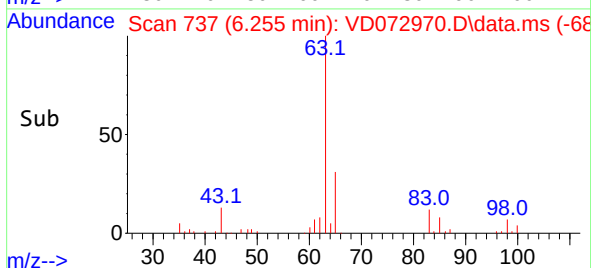
Reviewed By :John Carlone 05/13/2022
 Supervised By :Mahesh Dadoda 05/13/2022

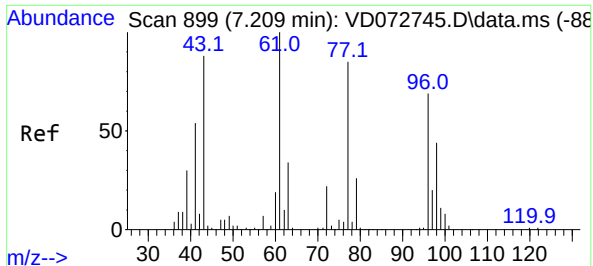


#24
 1,1-Dichloroethane
 Concen: 19.926 ug/l
 RT: 6.255 min Scan# 737
 Delta R.T. -0.001 min
 Lab File: VD072970.D
 Acq: 13 May 2022 02:56



Tgt Ion: 63 Resp: 141272
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.9
 100 4.4 2.1 6.5





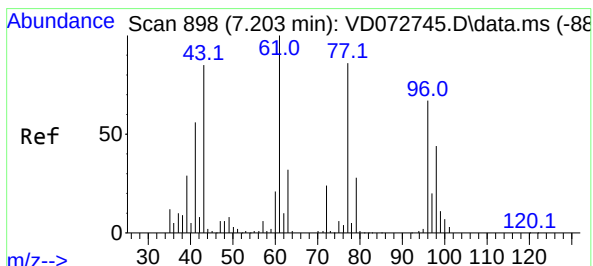
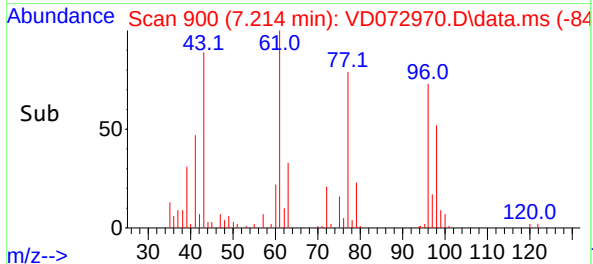
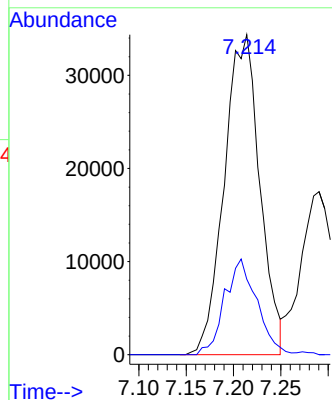
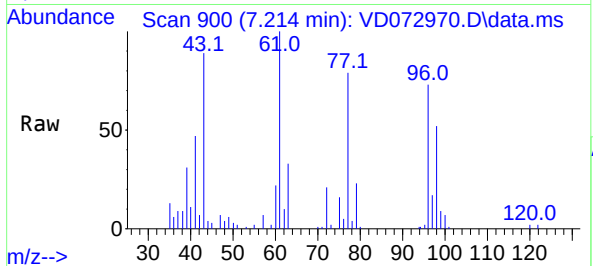
#25
2-Butanone
Concen: 86.152 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.005 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS02

Tgt Ion: 43 Resp: 89780
Ion Ratio Lower Upper
43 100
72 23.6 18.6 27.8

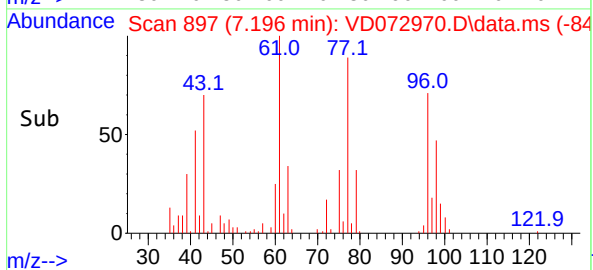
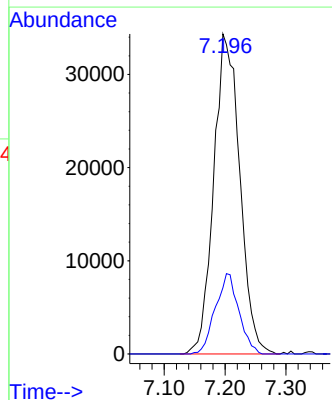
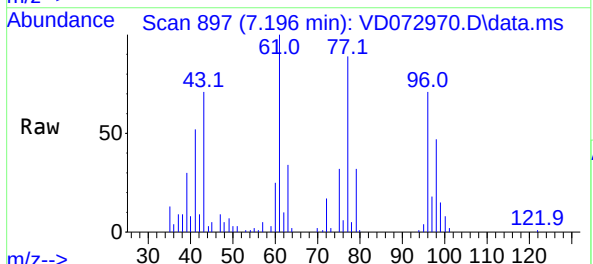
Manual Integrations
APPROVED

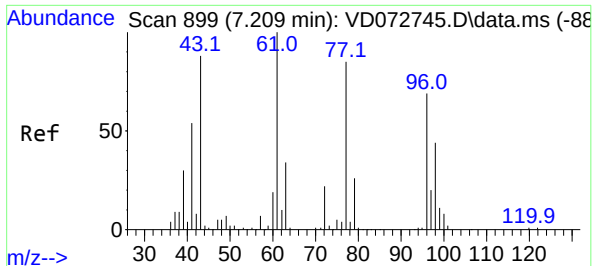
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#26
2,2-Dichloropropane
Concen: 16.997 ug/l
RT: 7.196 min Scan# 897
Delta R.T. -0.007 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56

Tgt Ion: 77 Resp: 101872
Ion Ratio Lower Upper
77 100
97 22.6 10.8 32.4





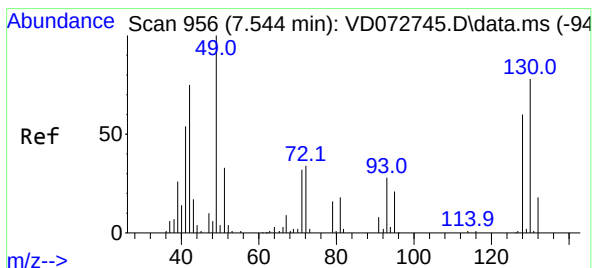
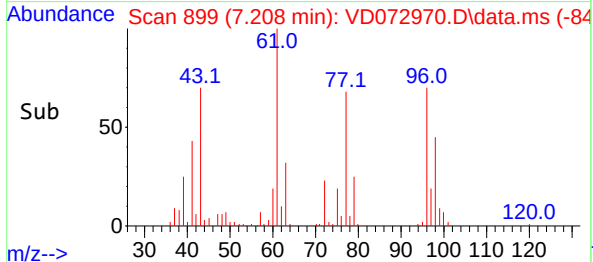
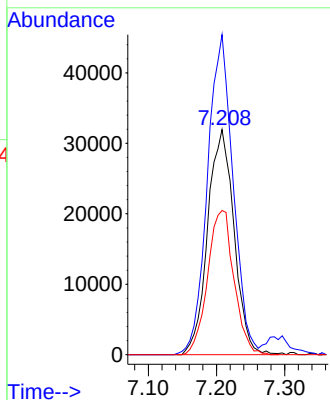
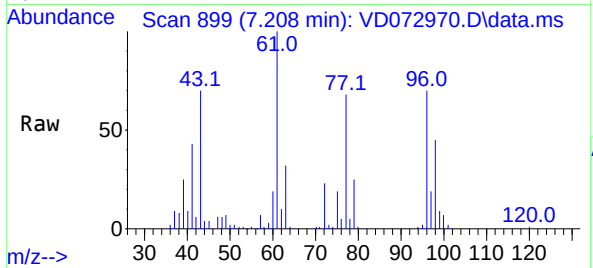
#27
cis-1,2-Dichloroethene
Concen: 19.741 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.001 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS02

Tgt Ion: 96 Resp: 86160
Ion Ratio Lower Upper
96 100
61 137.8 0.0 313.8
98 63.8 0.0 128.8

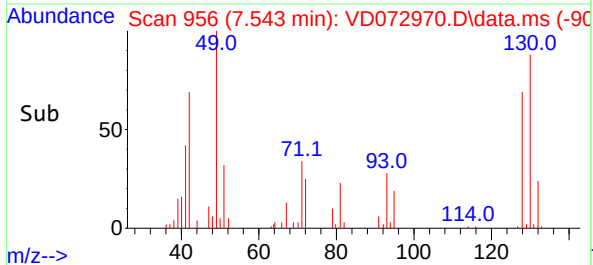
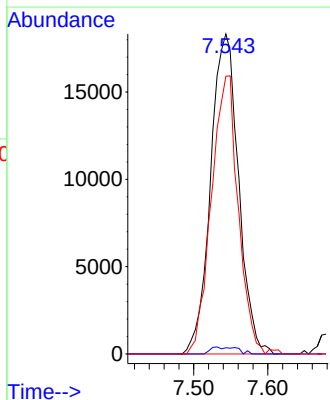
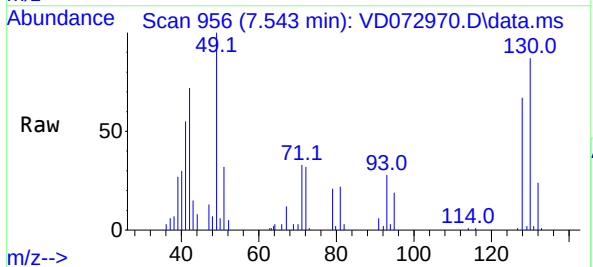
Manual Integrations
APPROVED

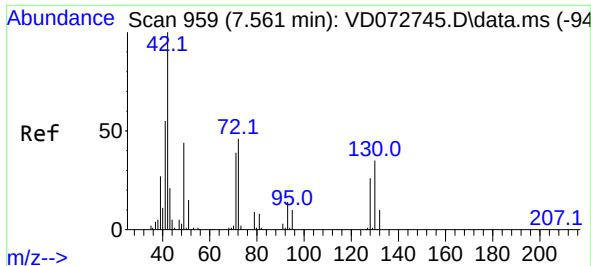
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#28
Bromochloromethane
Concen: 18.110 ug/l
RT: 7.543 min Scan# 956
Delta R.T. -0.001 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56

Tgt Ion: 49 Resp: 47881
Ion Ratio Lower Upper
49 100
129 0.9 0.0 4.0
130 83.4 52.6 79.0#





#29

Tetrahydrofuran

Concen: 90.069 ug/l

RT: 7.567 min Scan# 90

Delta R.T. 0.006 min

Lab File: VD072970.D

Acq: 13 May 2022 02:56

Instrument :

MSVOA_D

ClientSampleId :

VD0512SBS02

Tgt Ion: 42 Resp: 5983

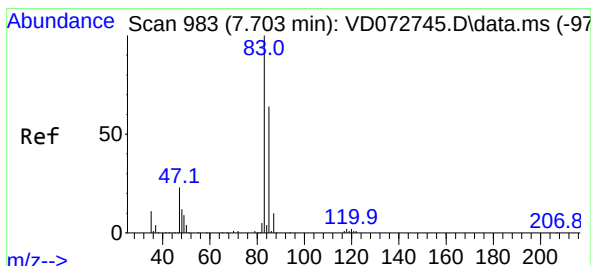
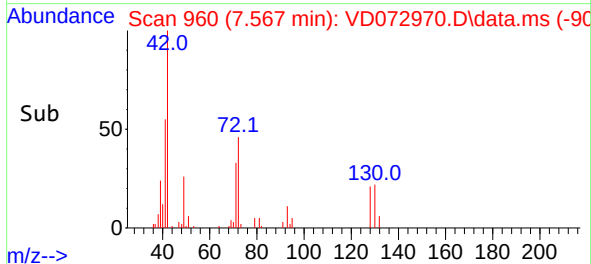
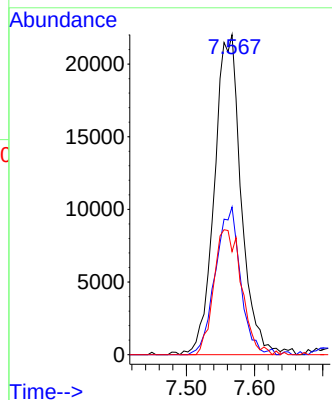
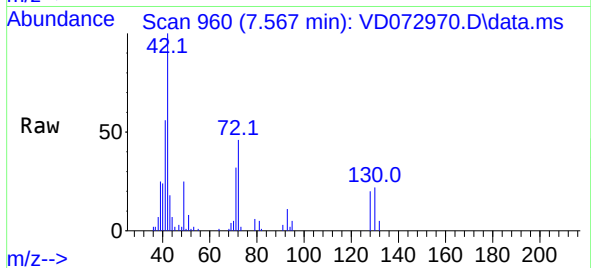
Ion	Ratio	Lower	Upper
42	100		
72	43.4	30.7	46.1
71	40.8	28.6	43.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#30

Chloroform

Concen: 20.321 ug/l

RT: 7.702 min Scan# 983

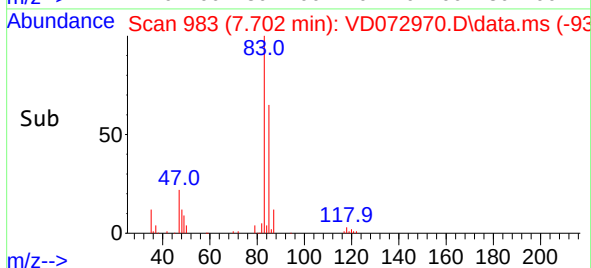
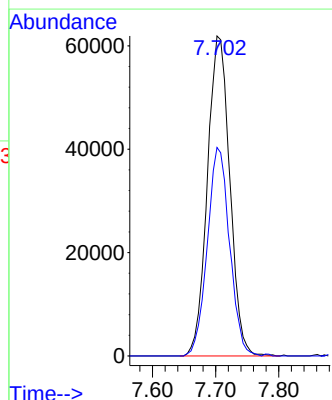
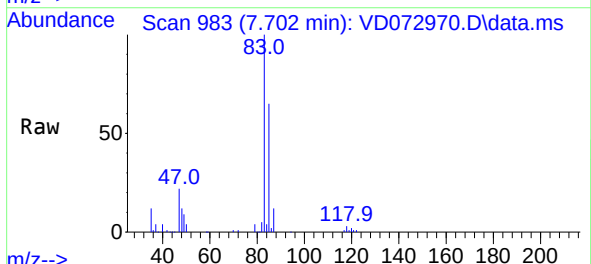
Delta R.T. -0.001 min

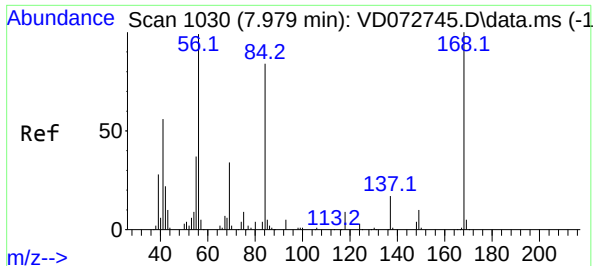
Lab File: VD072970.D

Acq: 13 May 2022 02:56

Tgt Ion: 83 Resp: 152441

Ion	Ratio	Lower	Upper
83	100		
85	65.2	52.7	79.1





#31

Cyclohexane

Concen: 17.047 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VD072970.D

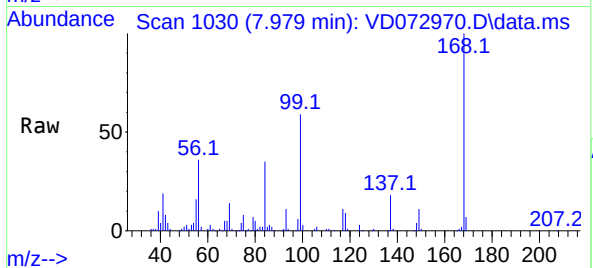
Acq: 13 May 2022 02:56

Instrument :

MSVOA_D

ClientSampleId :

VD0512SBS02



Tgt Ion: 56 Resp: 106592

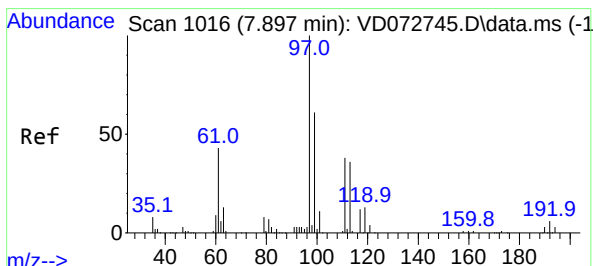
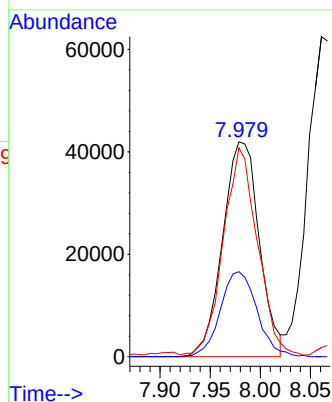
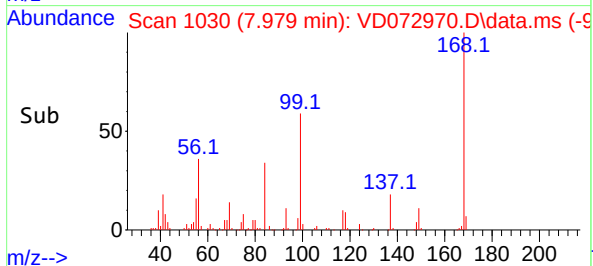
Ion	Ratio	Lower	Upper
56	100		
69	39.5	25.4	38.2
84	96.4	63.0	94.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#32

1,1,1-Trichloroethane

Concen: 19.761 ug/l

RT: 7.896 min Scan# 1016

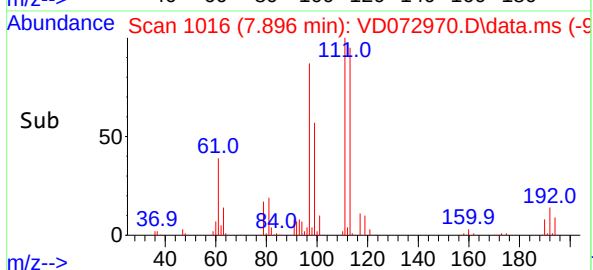
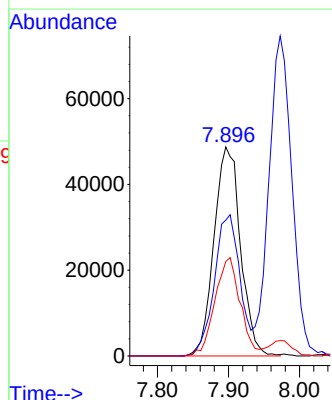
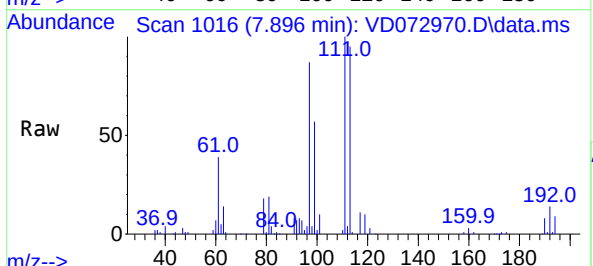
Delta R.T. -0.001 min

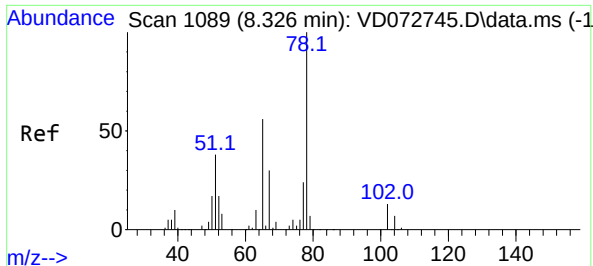
Lab File: VD072970.D

Acq: 13 May 2022 02:56

Tgt Ion: 97 Resp: 126345

Ion	Ratio	Lower	Upper
97	100		
99	65.0	52.4	78.6
61	44.9	38.0	57.0





#33
1,2-Dichloroethane-d4
Concen: 49.111 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56

Instrument :

MSVOA_D

ClientSampleId :

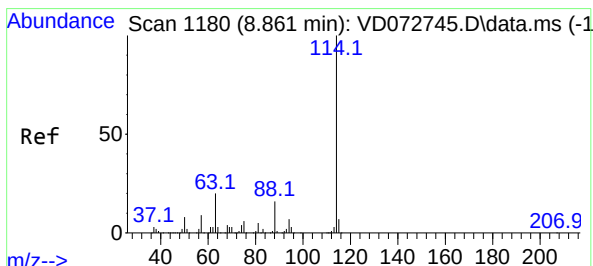
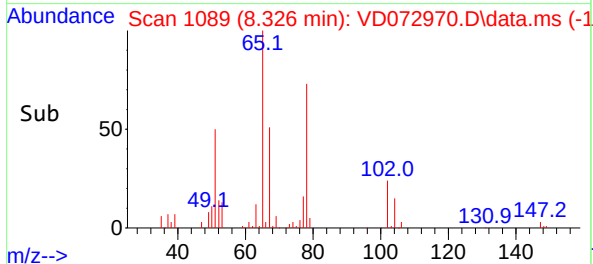
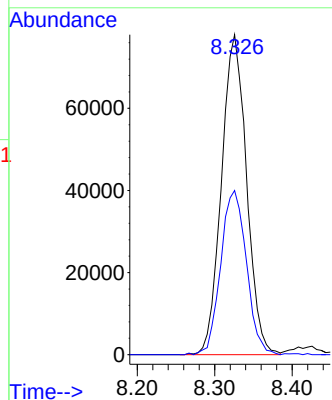
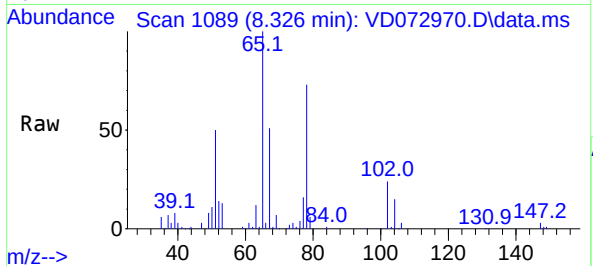
VD0512SBS02

Tgt Ion: 65 Resp: 17566
Ion Ratio Lower Upper
65 100
67 52.5 0.0 101.4

Manual Integrations

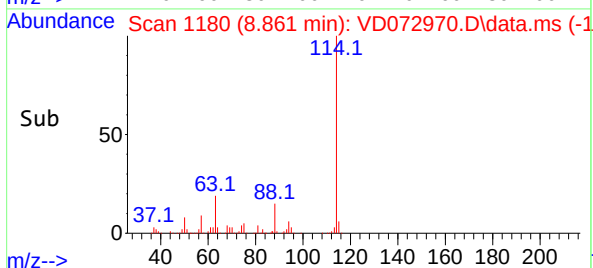
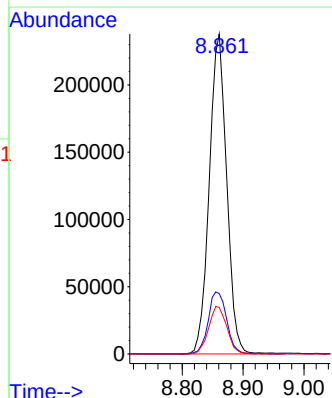
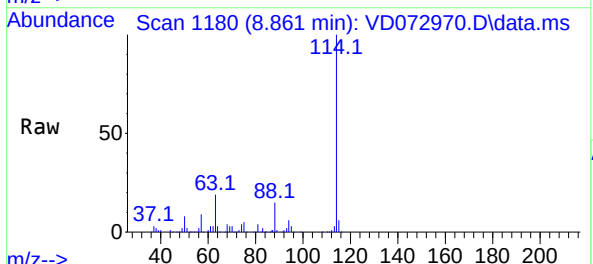
APPROVED

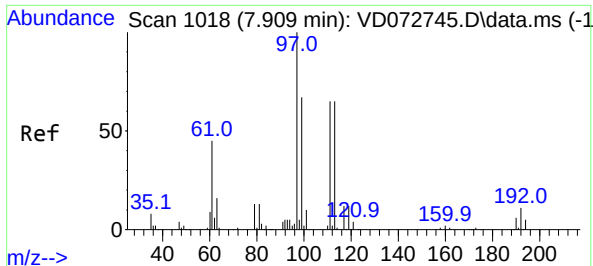
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56

Tgt Ion:114 Resp: 471417
Ion Ratio Lower Upper
114 100
63 18.9 0.0 46.6
88 14.6 0.0 33.2





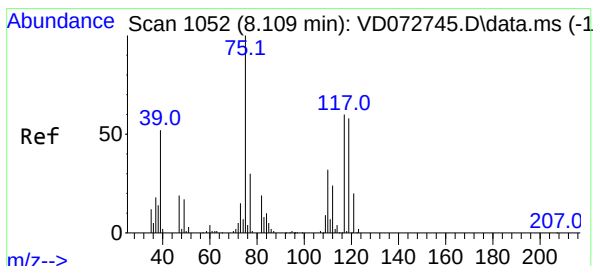
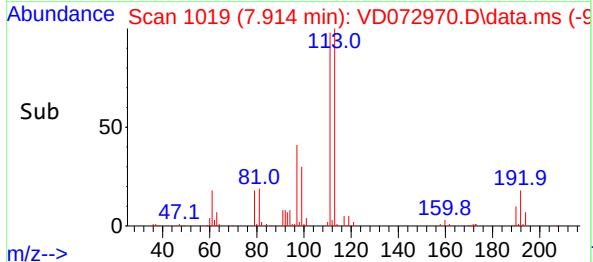
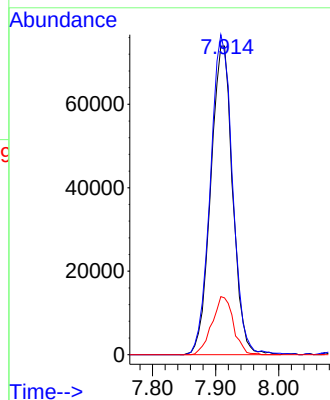
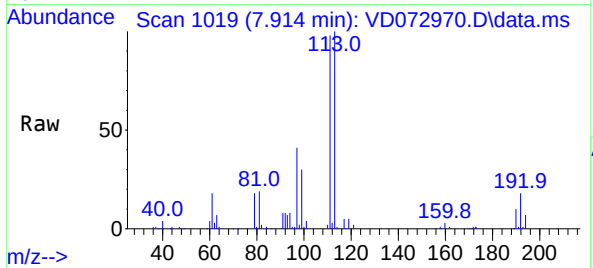
#35
Dibromofluoromethane
Concen: 53.941 ug/l
RT: 7.914 min Scan# 1018
Delta R.T. 0.005 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS02

Tgt Ion: 113 Resp: 17858
Ion Ratio Lower Upper
113 100
111 104.8 83.8 125.6
192 18.3 14.6 21.8

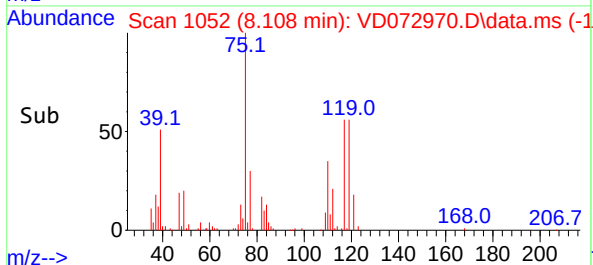
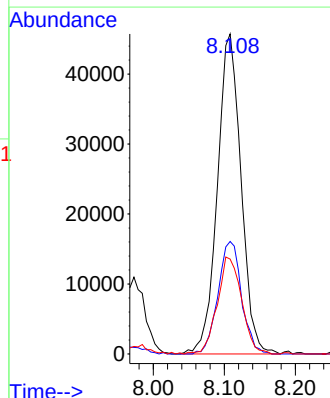
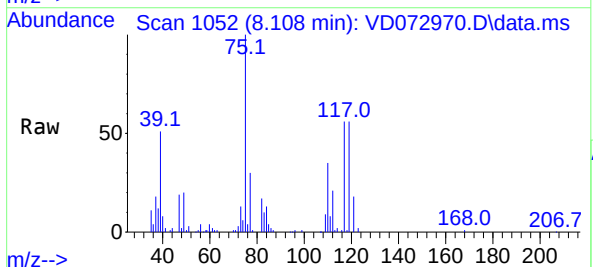
Manual Integrations
APPROVED

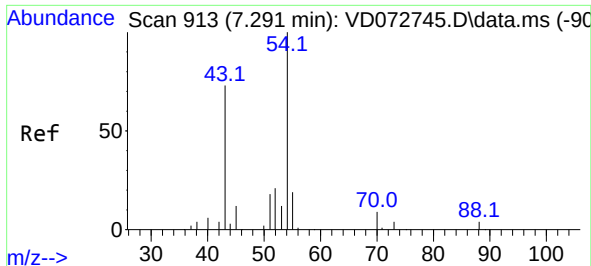
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#36
1,1-Dichloropropene
Concen: 19.601 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. -0.001 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56

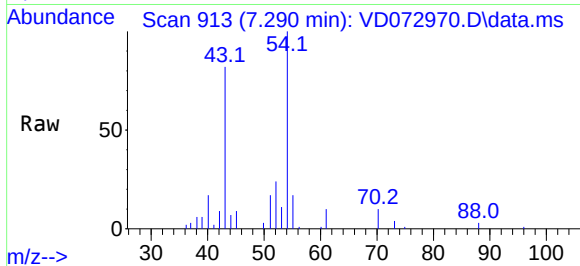
Tgt Ion: 75 Resp: 105522
Ion Ratio Lower Upper
75 100
110 35.0 16.4 49.1
77 31.2 24.2 36.2





#37
Ethyl Acetate
Concen: 17.102 ug/l
RT: 7.290 min Scan# 913
Delta R.T. -0.001 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56

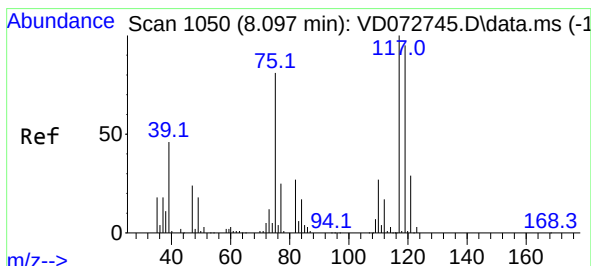
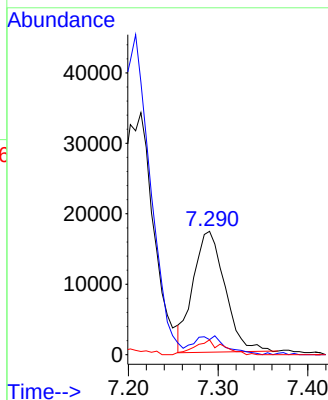
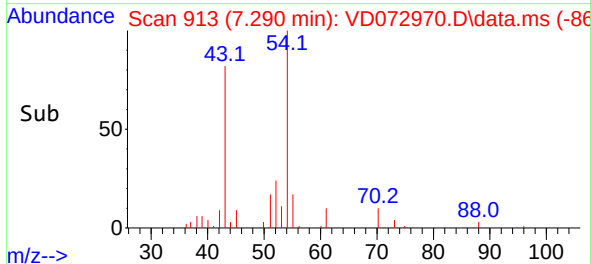
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS02



Tgt Ion: 43 Resp: 4232
Ion Ratio Lower Upper
43 100
61 15.5 9.8 14.8
70 10.8 6.9 10.3

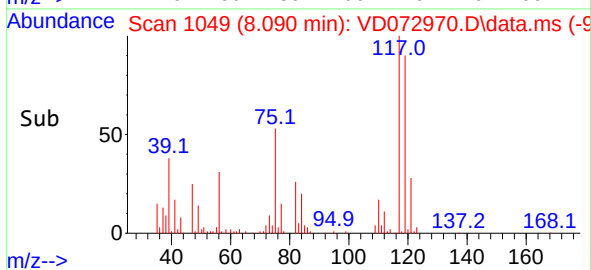
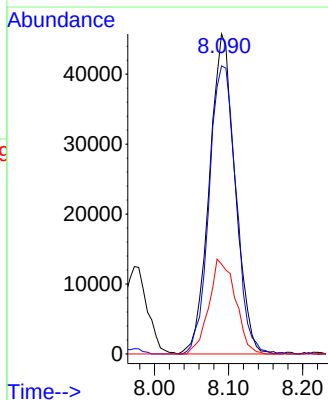
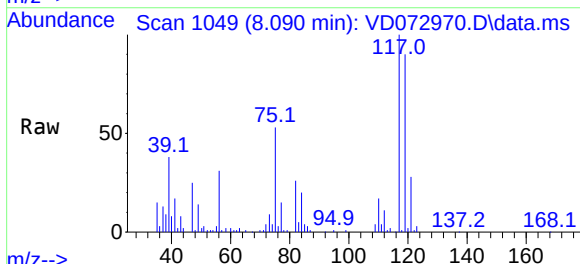
Manual Integrations
APPROVED

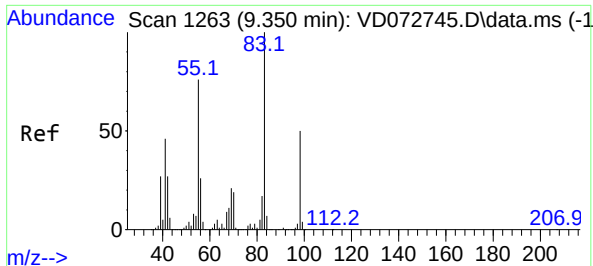
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#38
Carbon Tetrachloride
Concen: 19.739 ug/l
RT: 8.090 min Scan# 1049
Delta R.T. -0.007 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56

Tgt Ion:117 Resp: 110310
Ion Ratio Lower Upper
117 100
119 90.0 75.8 113.6
121 28.1 24.5 36.7





#39

Methylcyclohexane

Concen: 17.299 ug/l

RT: 9.349 min Scan# 1092

Delta R.T. -0.001 min

Lab File: VD072970.D

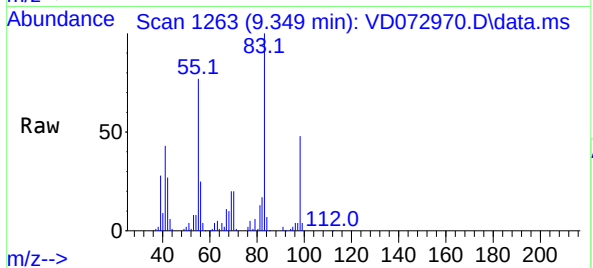
Acq: 13 May 2022 02:56

Instrument :

MSVOA_D

ClientSampleId :

VD0512SBS02



Tgt Ion: 83 Resp: 10802

Ion Ratio Lower Upper

83 100

55 77.0 63.2 94.8

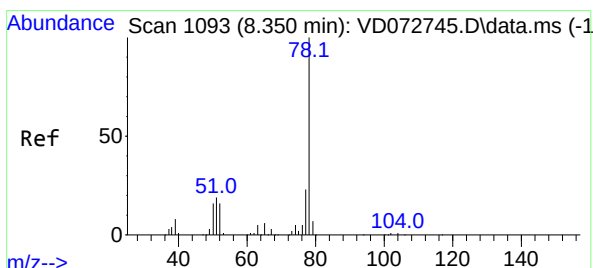
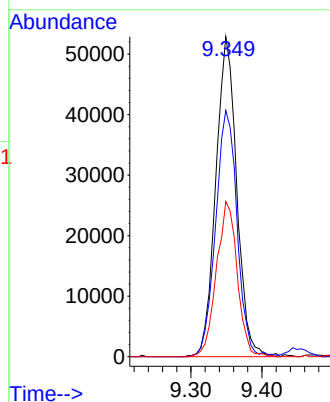
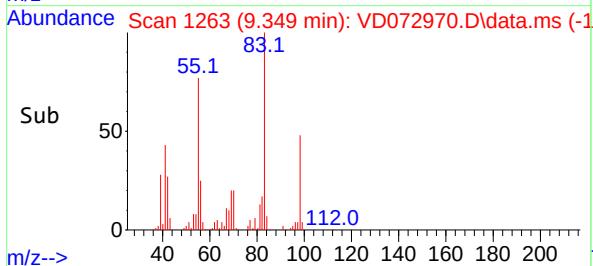
98 48.5 38.2 57.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#40

Benzene

Concen: 20.317 ug/l

RT: 8.343 min Scan# 1092

Delta R.T. -0.007 min

Lab File: VD072970.D

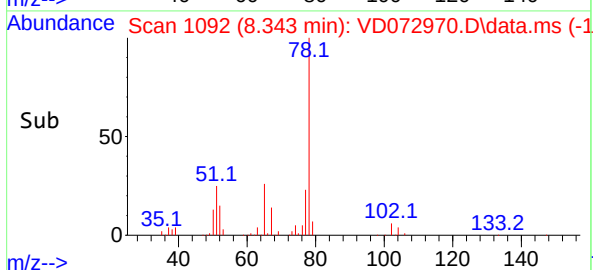
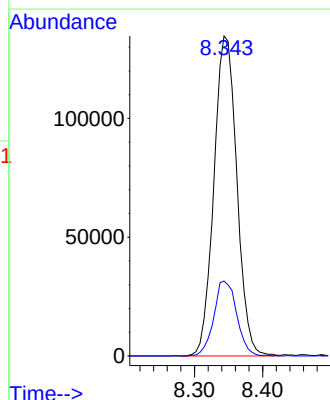
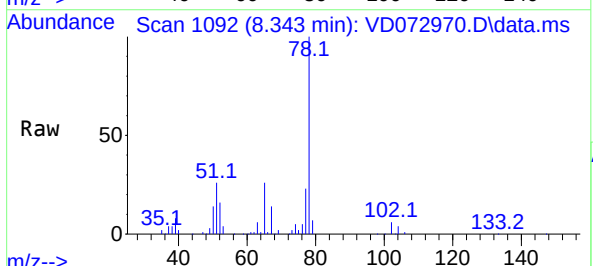
Acq: 13 May 2022 02:56

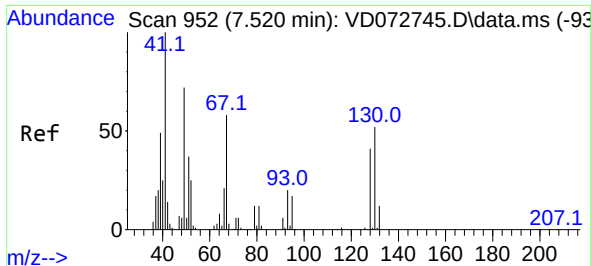
Tgt Ion: 78 Resp: 315856

Ion Ratio Lower Upper

78 100

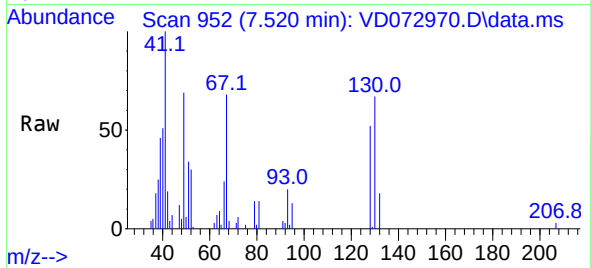
77 23.4 19.1 28.7





#41
Methacrylonitrile
Concen: 18.585 ug/l
RT: 7.520 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56

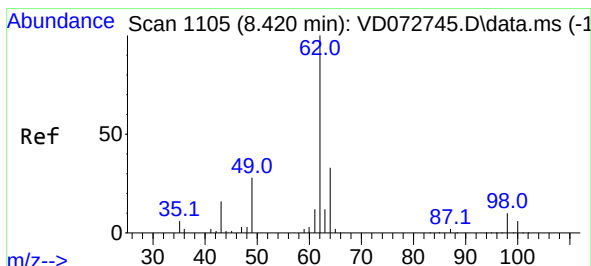
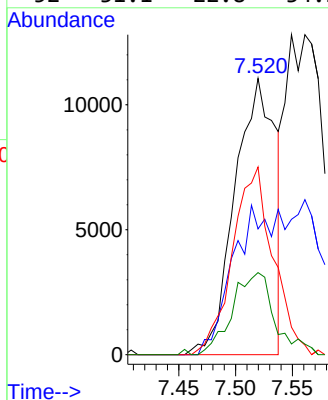
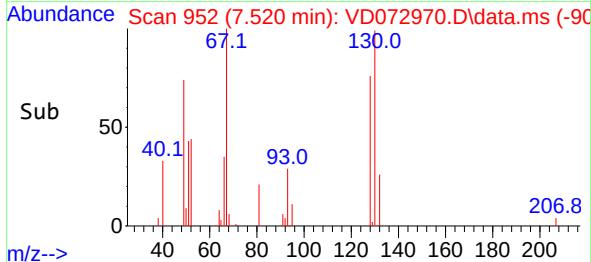
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS02



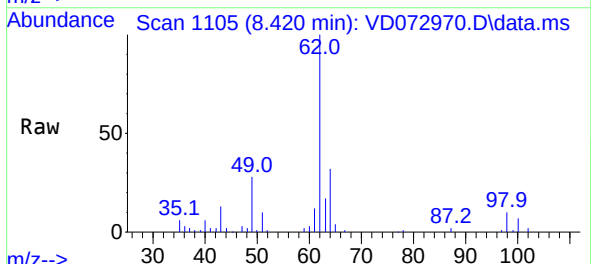
Tgt Ion: 41 Resp: 2738
Ion Ratio Lower Upper
41 100
39 49.9 44.6 67.0
67 68.3 48.2 72.4
52 31.1 22.8 34.2

Manual Integrations
APPROVED

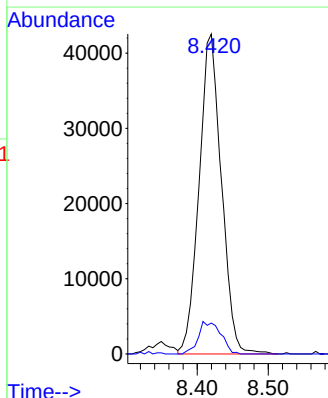
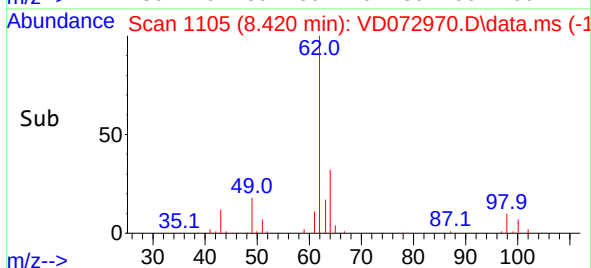
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

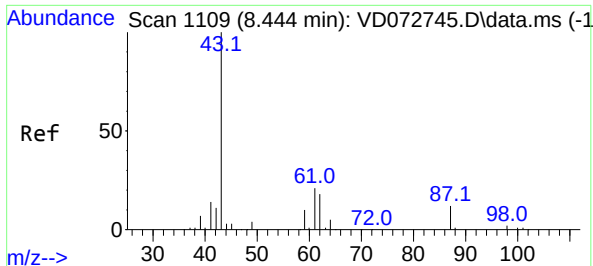


#42
1,2-Dichloroethane
Concen: 19.842 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56



Tgt Ion: 62 Resp: 92959
Ion Ratio Lower Upper
62 100
98 10.2 0.0 17.6





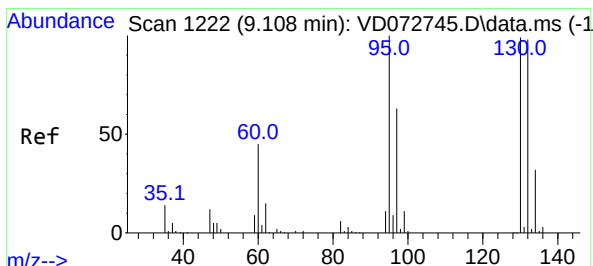
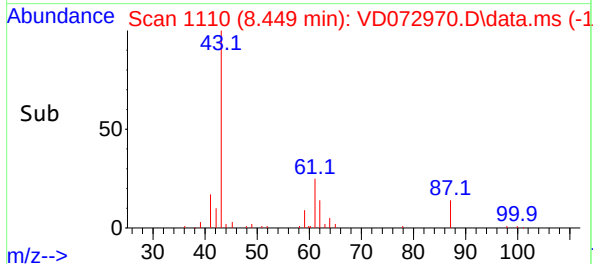
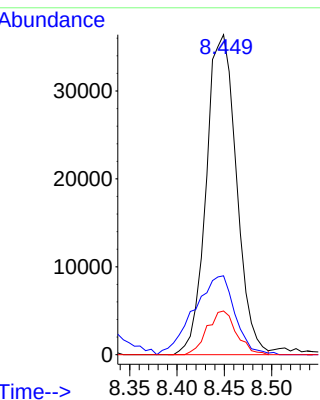
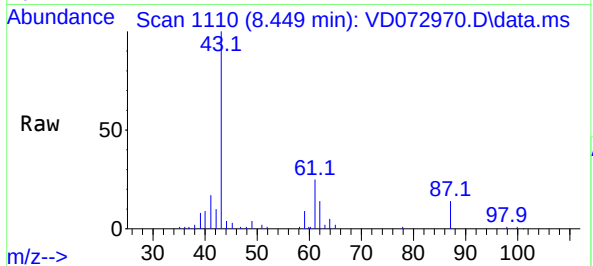
#43
Isopropyl Acetate
Concen: 17.654 ug/l
RT: 8.449 min Scan# 1110
Delta R.T. 0.005 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS02

Tgt Ion: 43 Resp: 8064
Ion Ratio Lower Upper
43 100
61 33.5 22.4 33.6
87 13.2 8.7 13.1

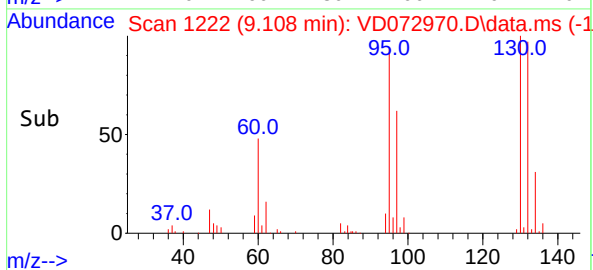
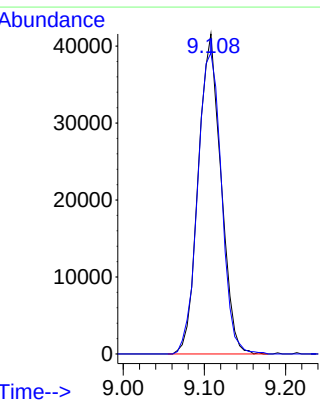
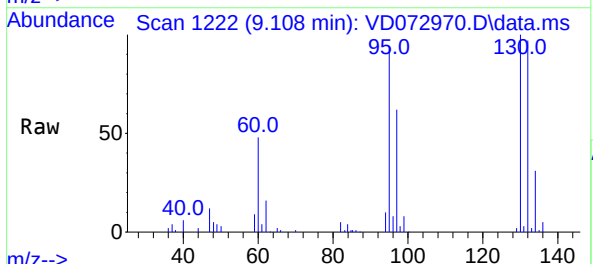
Manual Integrations
APPROVED

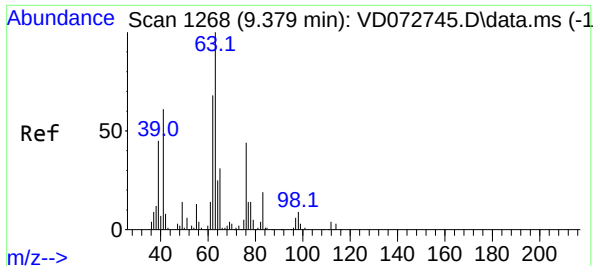
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#44
Trichloroethene
Concen: 19.349 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56

Tgt Ion:130 Resp: 80475
Ion Ratio Lower Upper
130 100
95 94.1 0.0 205.4





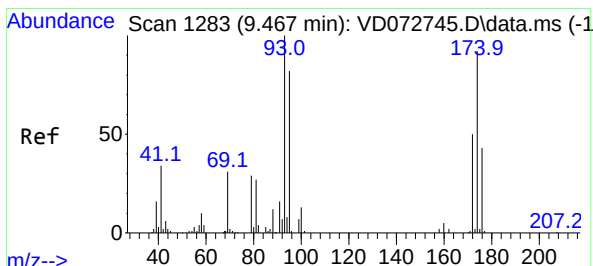
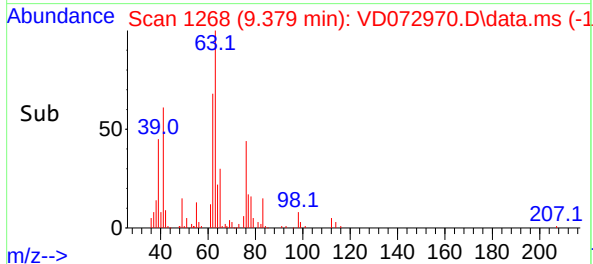
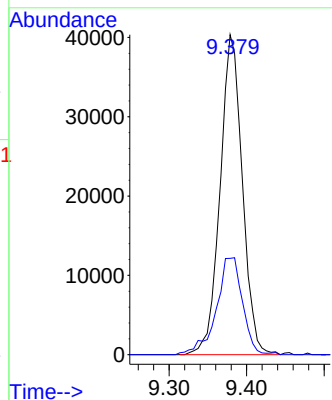
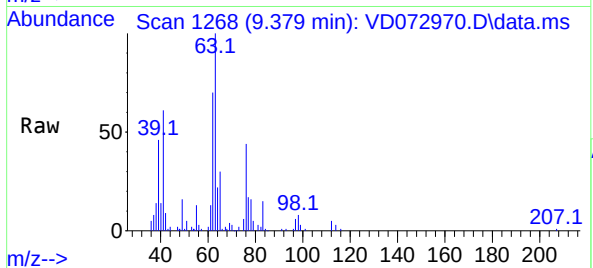
#45
1,2-Dichloropropane
Concen: 19.732 ug/l
RT: 9.379 min Scan# 1268
Delta R.T. -0.000 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS02

Tgt Ion: 63 Resp: 8056
Ion Ratio Lower Upper
63 100
65 30.1 26.2 39.4

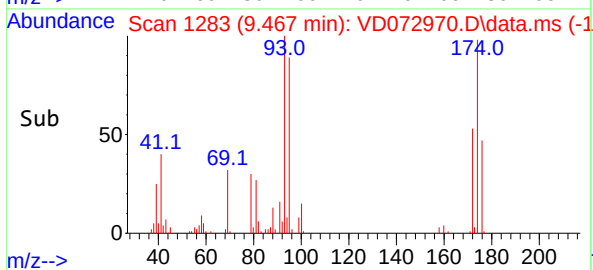
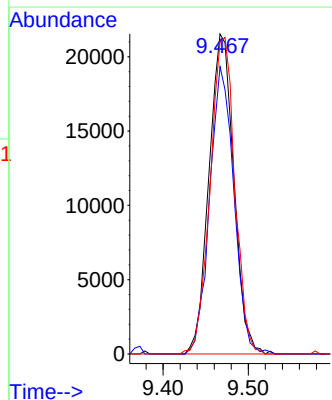
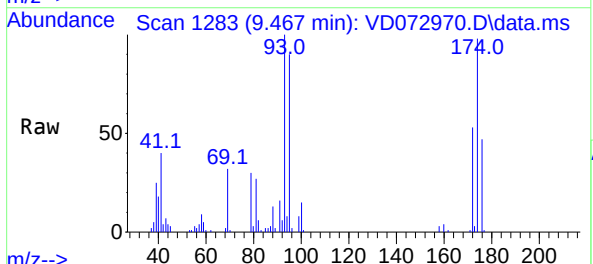
Manual Integrations
APPROVED

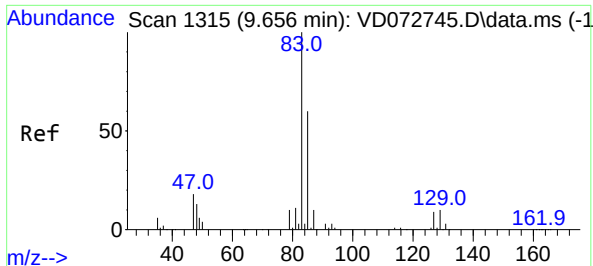
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#46
Dibromomethane
Concen: 19.336 ug/l
RT: 9.467 min Scan# 1283
Delta R.T. -0.000 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56

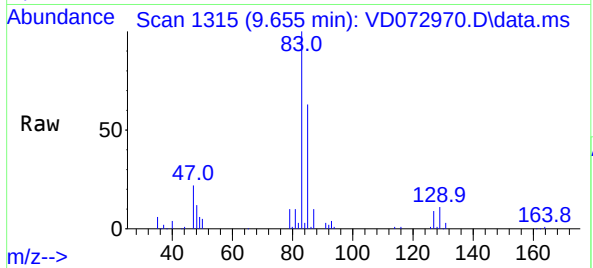
Tgt Ion: 93 Resp: 43549
Ion Ratio Lower Upper
93 100
95 87.4 66.7 100.1
174 98.1 71.6 107.4





#47
Bromodichloromethane
Concen: 20.170 ug/l
RT: 9.655 min Scan# 11686
Delta R.T. -0.001 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56

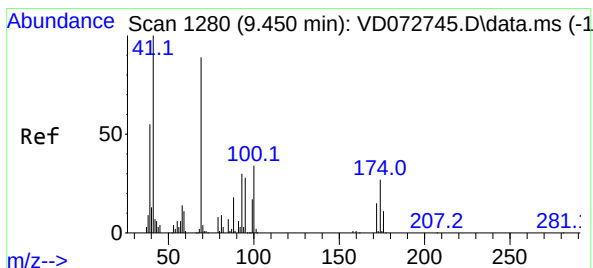
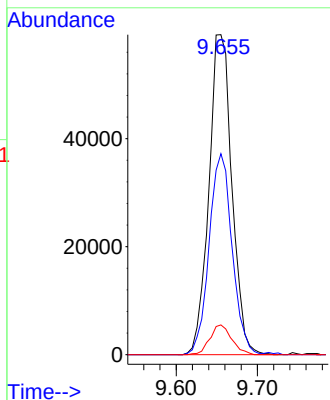
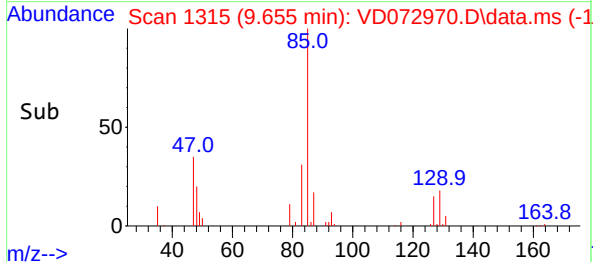
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS02



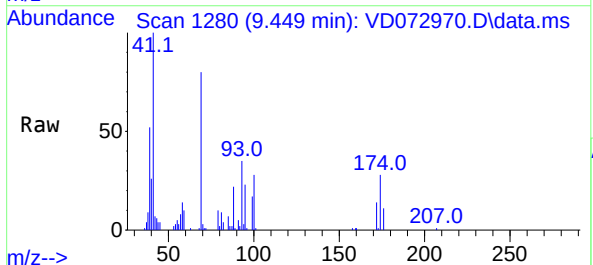
Tgt Ion: 83 Resp: 11686
Ion Ratio Lower Upper
83 100
85 62.8 51.4 77.0
127 9.3 6.1 9.1

Manual Integrations
APPROVED

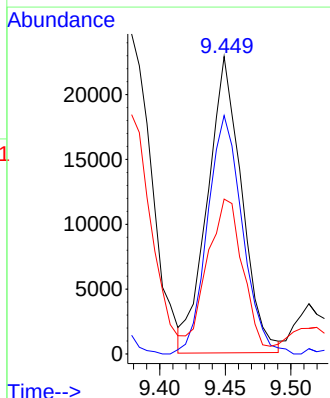
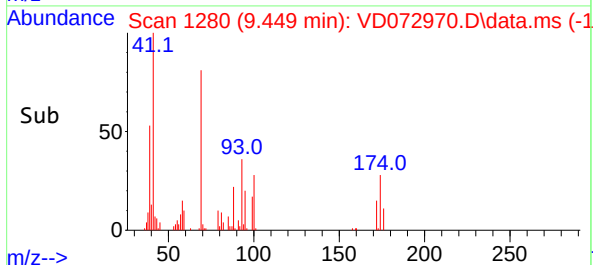
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

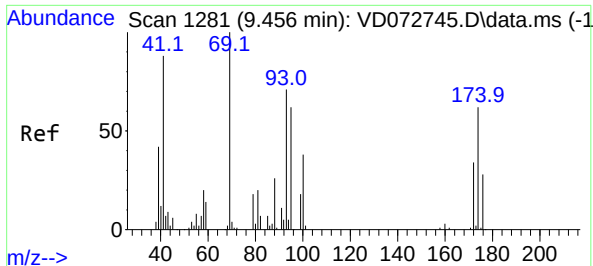


#48
Methyl methacrylate
Concen: 18.551 ug/l
RT: 9.449 min Scan# 1280
Delta R.T. -0.001 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56



Tgt Ion: 41 Resp: 41455
Ion Ratio Lower Upper
41 100
69 82.2 56.7 85.1
39 53.7 42.7 64.1





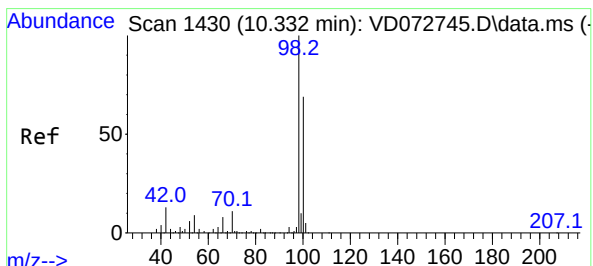
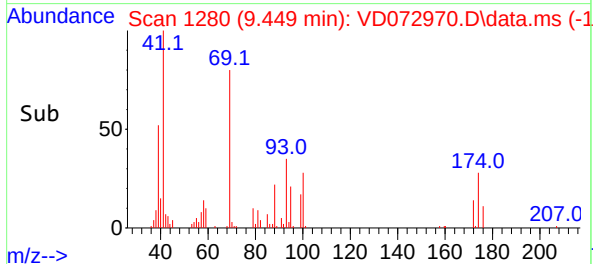
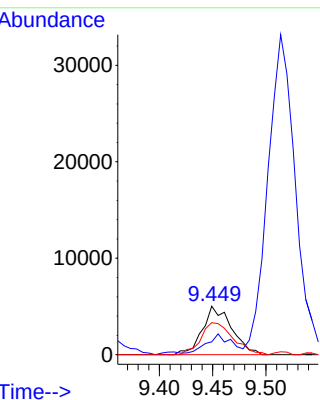
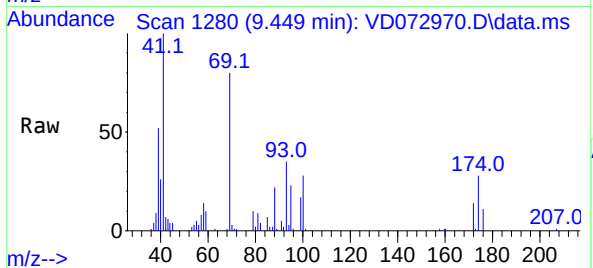
#49
1,4-Dioxane
Concen: 377.779 ug/l
RT: 9.449 min Scan# 11
Delta R.T. -0.007 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS02

Tgt Ion: 88 Resp: 958
Ion Ratio Lower Upper
88 100
43 32.5 31.0 46.4
58 72.4 58.1 87.1

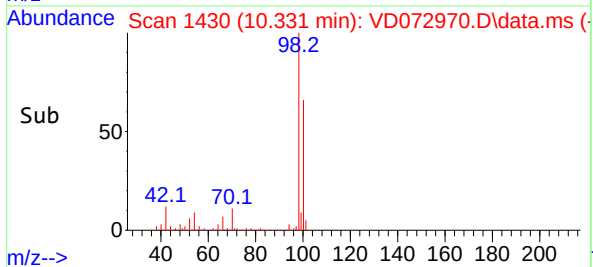
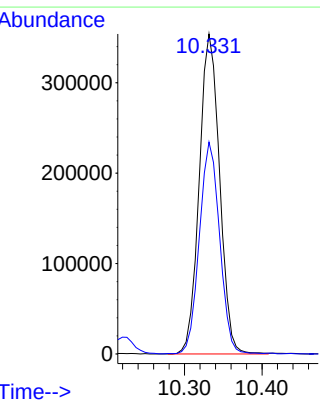
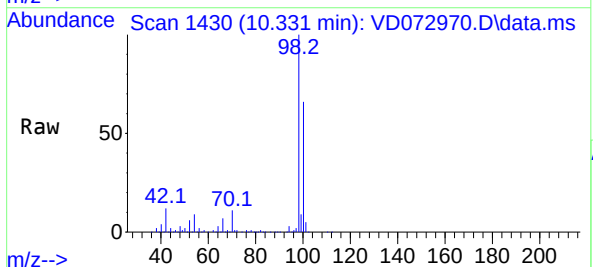
Manual Integrations
APPROVED

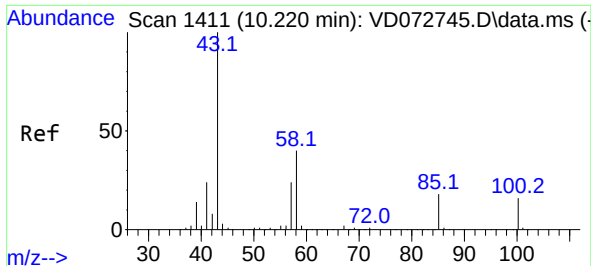
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#50
Toluene-d8
Concen: 54.350 ug/l
RT: 10.331 min Scan# 1430
Delta R.T. -0.001 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56

Tgt Ion: 98 Resp: 645468
Ion Ratio Lower Upper
98 100
100 65.7 52.4 78.6





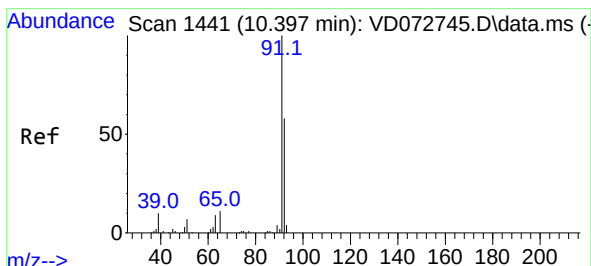
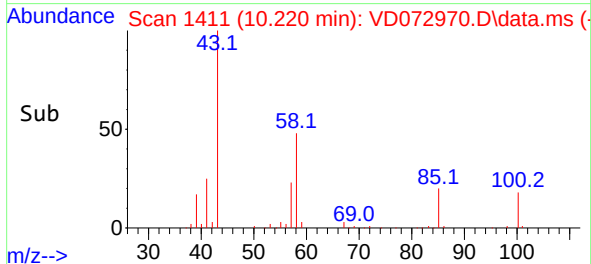
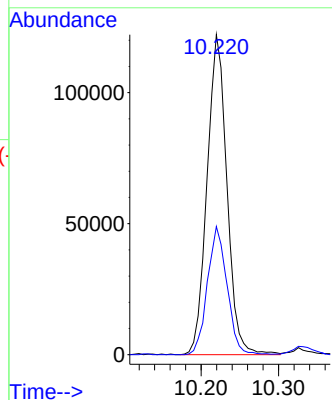
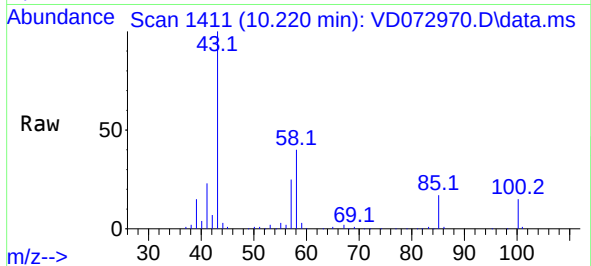
#51
4-Methyl-2-Pentanone
Concen: 91.721 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS02

Tgt Ion: 43 Resp: 217700
Ion Ratio Lower Upper
43 100
58 39.5 28.6 43.0

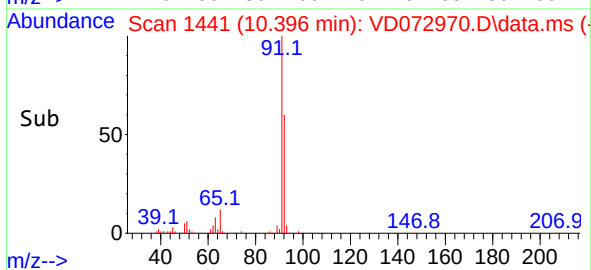
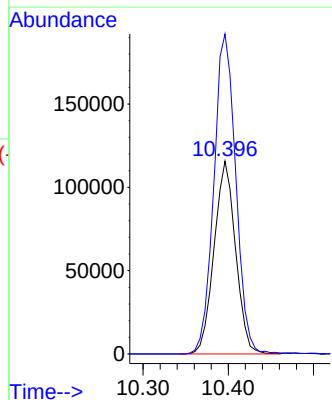
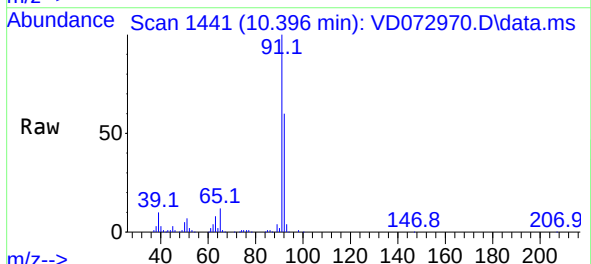
Manual Integrations
APPROVED

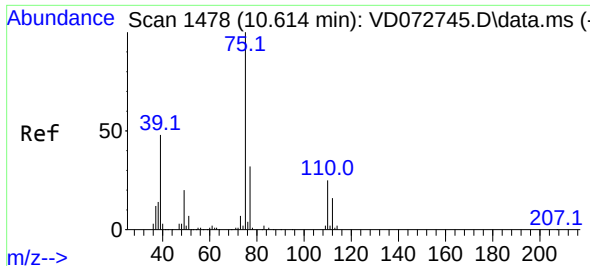
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#52
Toluene
Concen: 20.918 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.001 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56

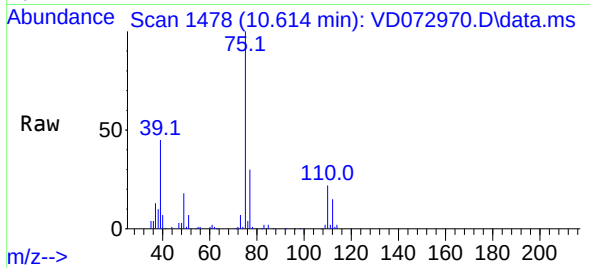
Tgt Ion: 92 Resp: 202857
Ion Ratio Lower Upper
92 100
91 170.0 139.6 209.4





#53
t-1,3-Dichloropropene
Concen: 18.689 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56

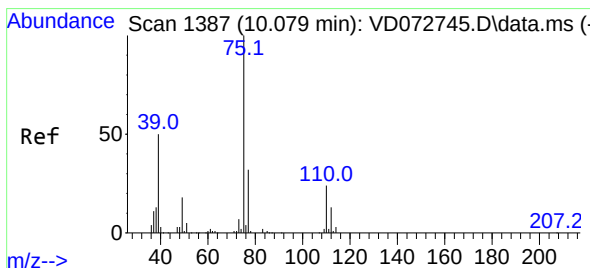
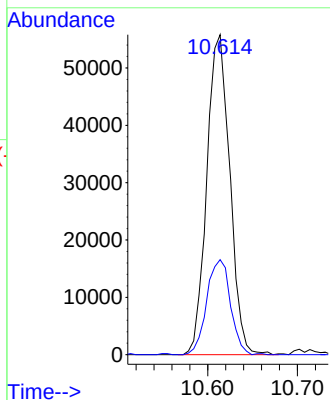
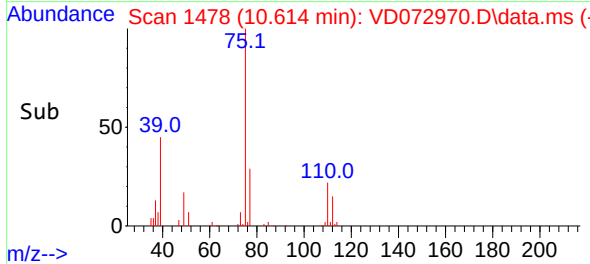
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS02



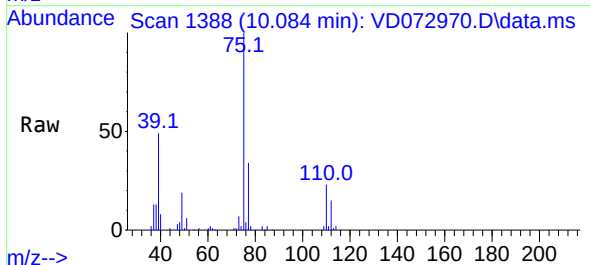
Tgt Ion: 75 Resp: 9945
Ion Ratio Lower Upper
75 100
77 29.7 24.5 36.7

Manual Integrations
APPROVED

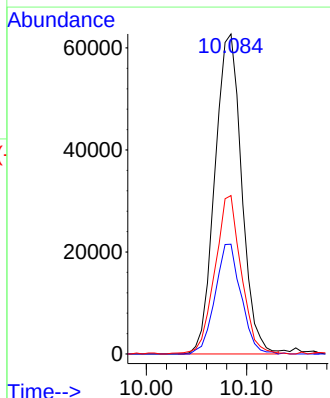
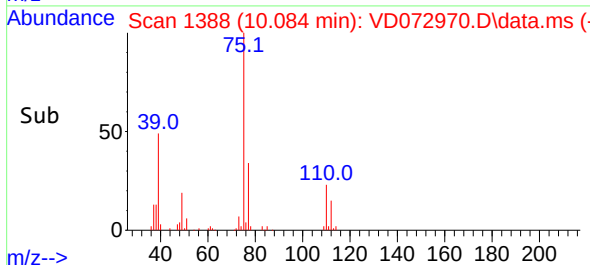
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

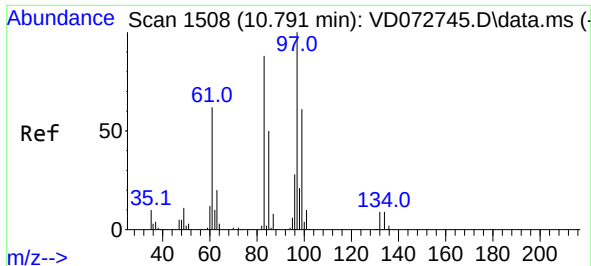


#54
cis-1,3-Dichloropropene
Concen: 18.827 ug/l
RT: 10.084 min Scan# 1388
Delta R.T. 0.005 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56



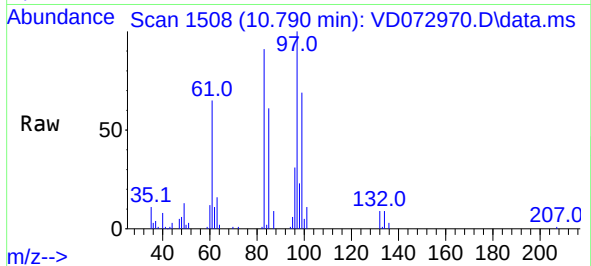
Tgt Ion: 75 Resp: 116406
Ion Ratio Lower Upper
75 100
77 34.3 24.8 37.2
39 49.2 46.8 70.2





#55
1,1,2-Trichloroethane
Concen: 20.523 ug/l
RT: 10.790 min Scan# 1508
Delta R.T. -0.001 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS02

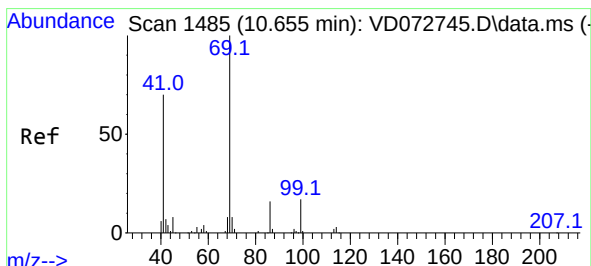
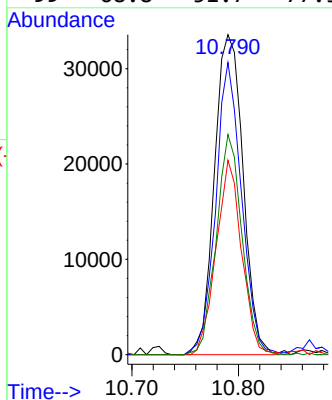
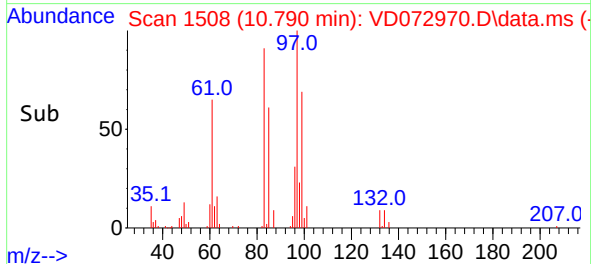


Tgt Ion: 97 Resp: 62484

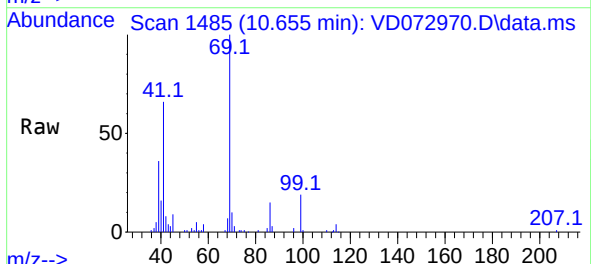
Ion	Ratio	Lower	Upper
97	100		
83	91.3	69.0	103.4
85	60.7	42.6	63.8
99	68.8	51.7	77.5

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

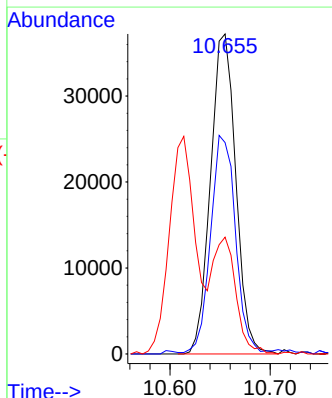
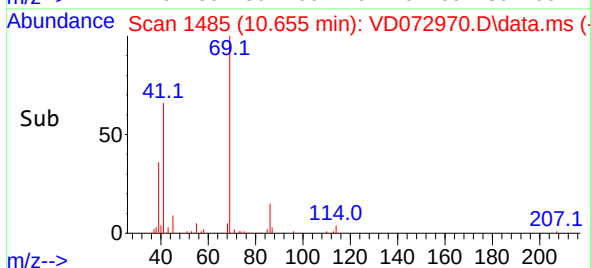


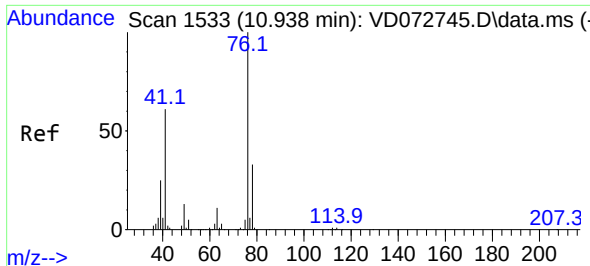
#56
Ethyl methacrylate
Concen: 18.159 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. -0.000 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56



Tgt Ion: 69 Resp: 65097

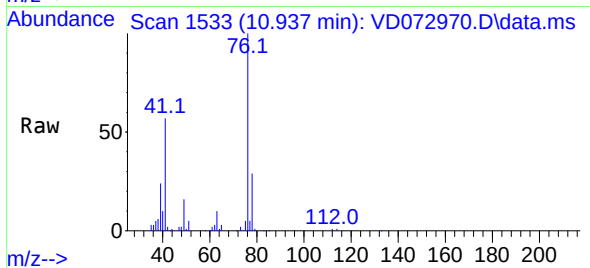
Ion	Ratio	Lower	Upper
69	100		
41	66.3	63.0	94.6
39	32.7	33.8	50.8





#57
1,3-Dichloropropane
Concen: 19.902 ug/l
RT: 10.937 min Scan# 1533
Delta R.T. -0.001 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56

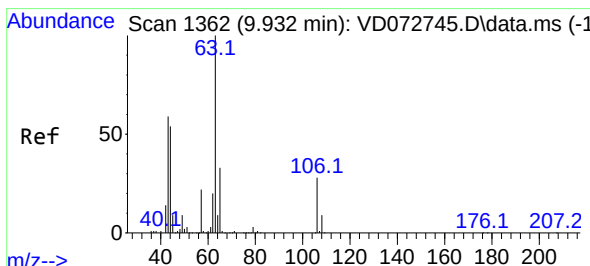
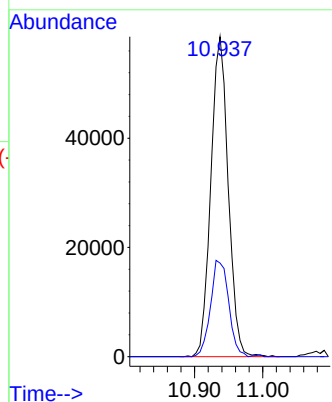
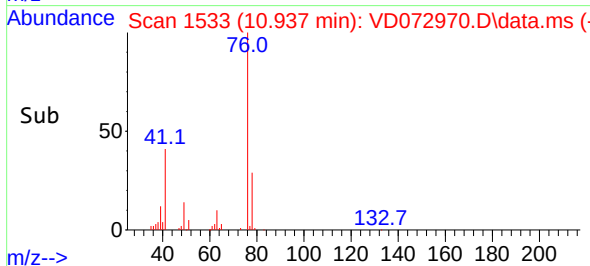
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS02



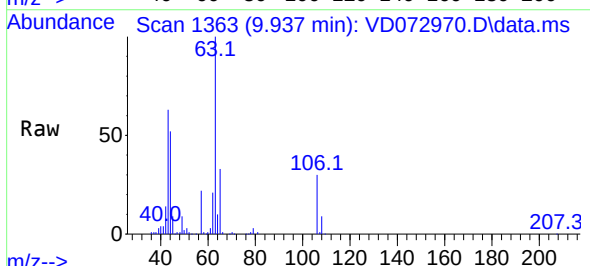
Tgt Ion: 76 Resp: 103982
Ion Ratio Lower Upper
76 100
78 31.4 26.0 39.0

Manual Integrations
APPROVED

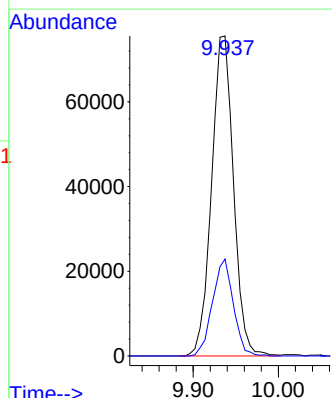
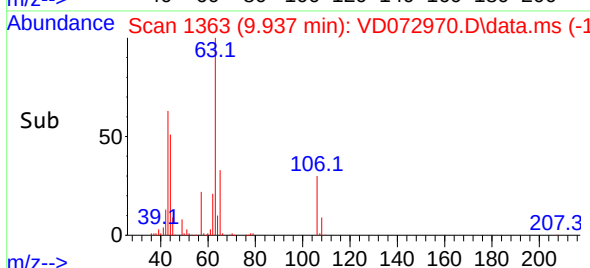
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

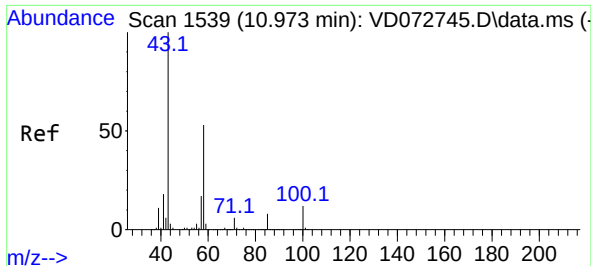


#58
2-Chloroethyl Vinyl ether
Concen: 77.783 ug/l
RT: 9.937 min Scan# 1363
Delta R.T. 0.005 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56



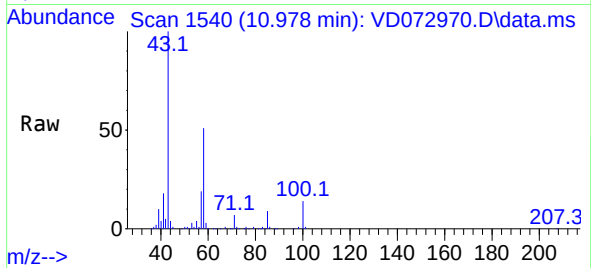
Tgt Ion: 63 Resp: 135189
Ion Ratio Lower Upper
63 100
106 28.8 21.4 32.0





#59
2-Hexanone
Concen: 90.263 ug/l
RT: 10.978 min Scan# 1539
Delta R.T. 0.005 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56

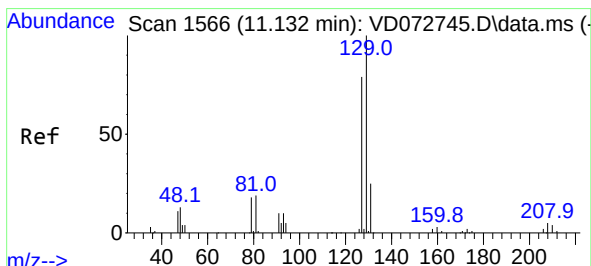
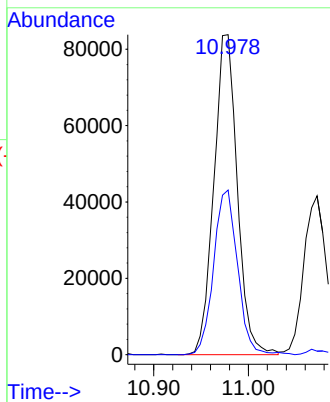
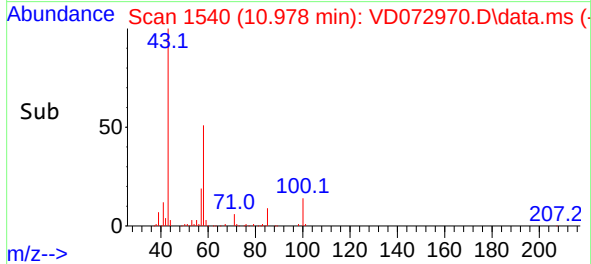
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS02



Tgt Ion: 43 Resp: 14416
Ion Ratio Lower Upper
43 100
58 52.6 25.3 75.9

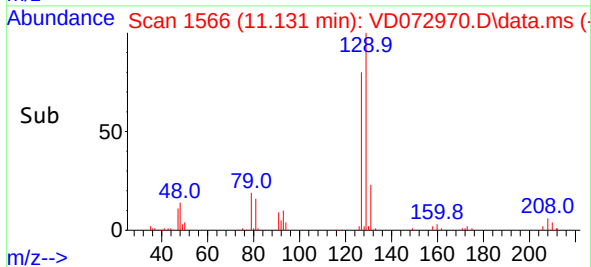
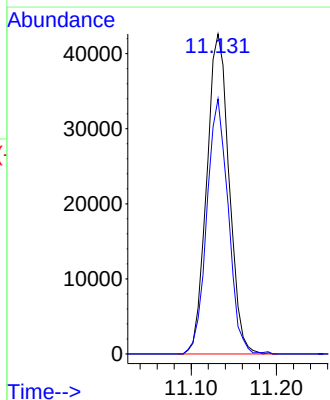
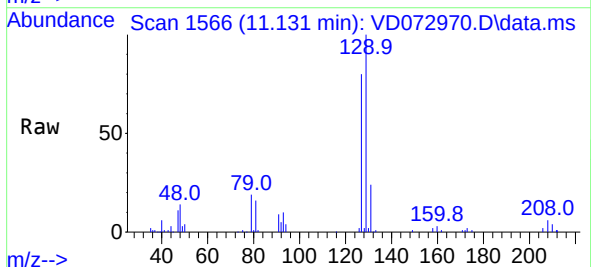
Manual Integrations
APPROVED

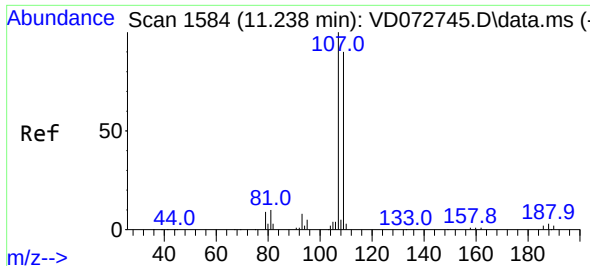
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#60
Dibromochloromethane
Concen: 20.255 ug/l
RT: 11.131 min Scan# 1566
Delta R.T. -0.001 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56

Tgt Ion:129 Resp: 77632
Ion Ratio Lower Upper
129 100
127 76.2 39.2 117.6





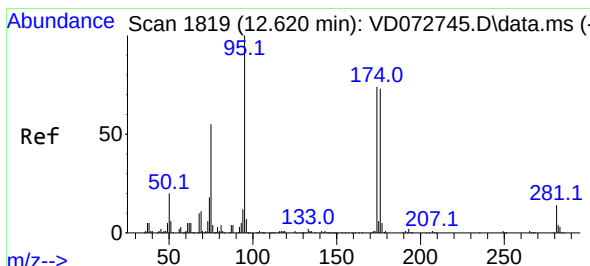
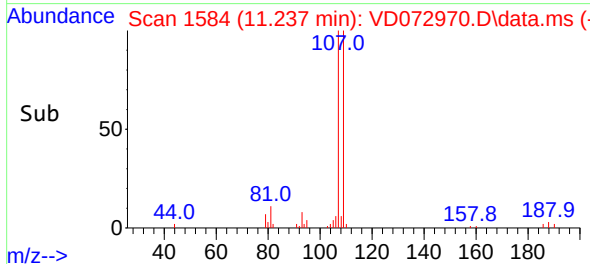
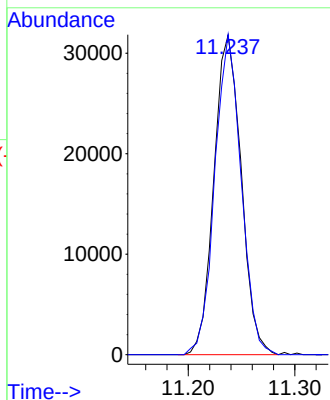
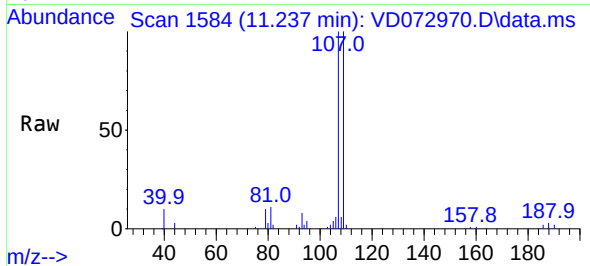
#61
1,2-Dibromoethane
Concen: 19.047 ug/l
RT: 11.237 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS02

Tgt Ion:107 Resp: 56440
Ion Ratio Lower Upper
107 100
109 96.7 74.2 111.4

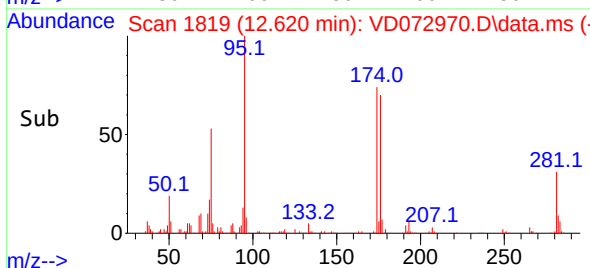
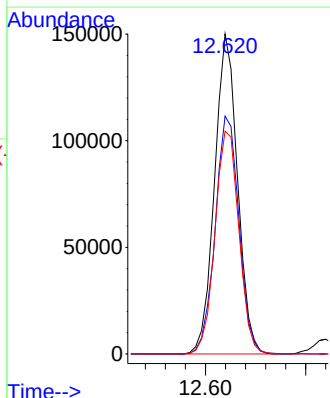
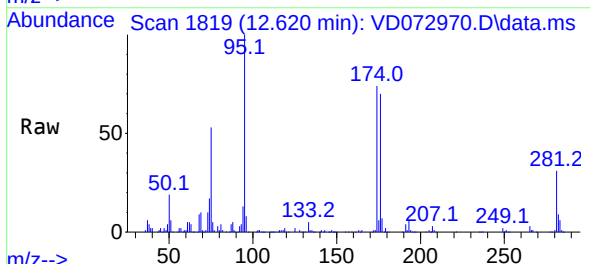
Manual Integrations
APPROVED

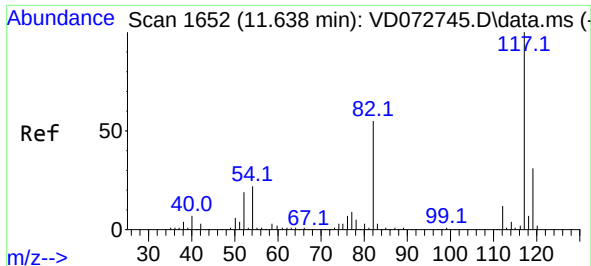
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#62
4-Bromofluorobenzene
Concen: 53.738 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56

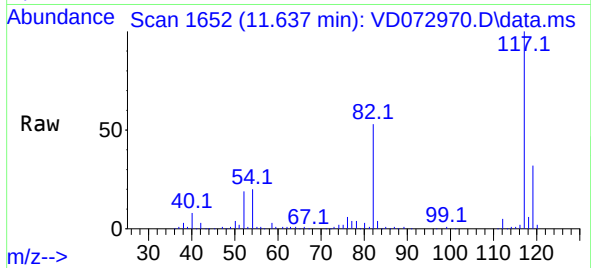
Tgt Ion: 95 Resp: 237968
Ion Ratio Lower Upper
95 100
174 77.2 0.0 152.8
176 72.7 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.001 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56

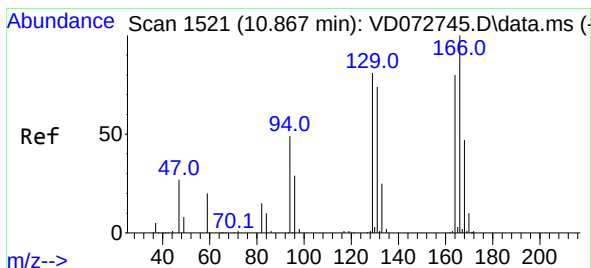
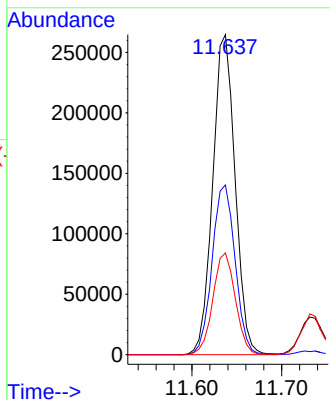
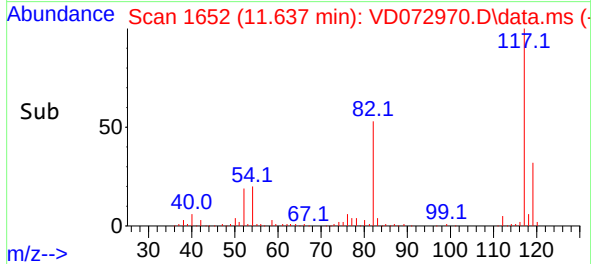
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS02



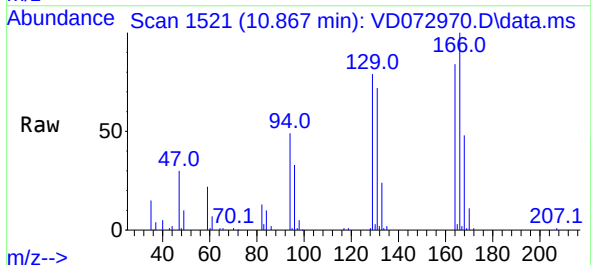
Tgt Ion:117 Resp: 45845
Ion Ratio Lower Upper
117 100
82 53.0 45.3 67.9
119 31.8 26.6 40.0

Manual Integrations
APPROVED

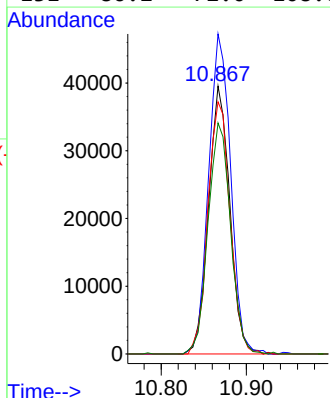
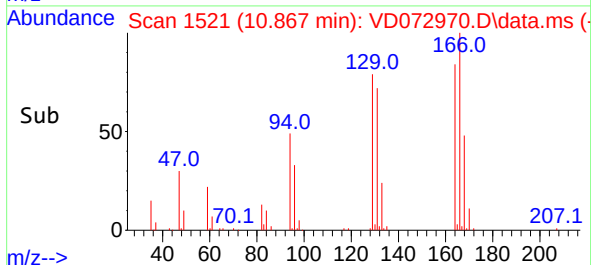
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

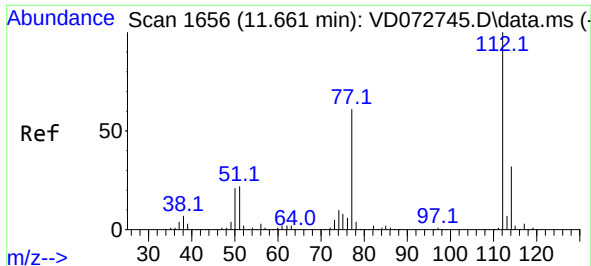


#64
Tetrachloroethene
Concen: 20.526 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.000 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56



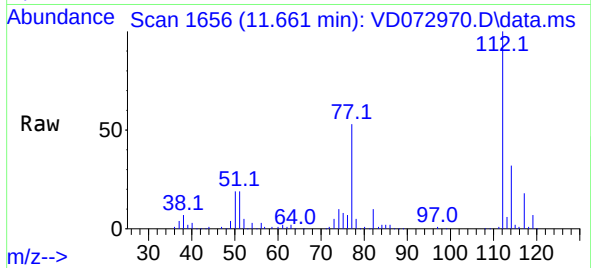
Tgt Ion:164 Resp: 68801
Ion Ratio Lower Upper
164 100
166 119.4 98.5 147.7
129 94.1 74.6 111.8
131 86.2 72.0 108.0





#65
Chlorobenzene
Concen: 20.345 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.000 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56

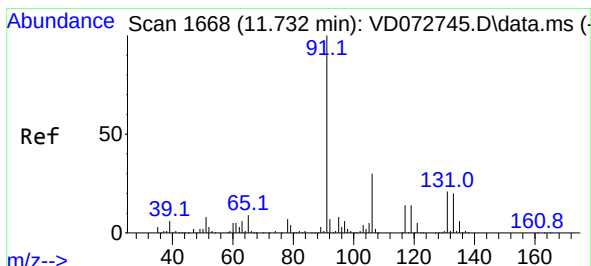
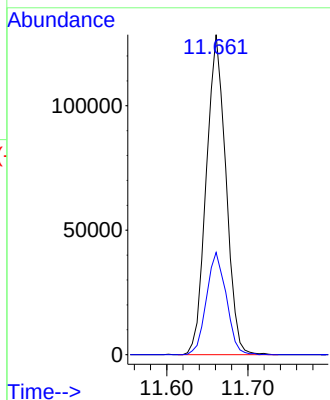
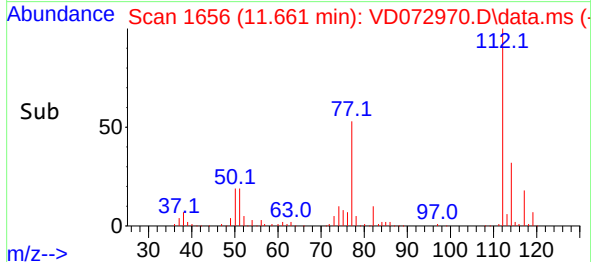
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS02



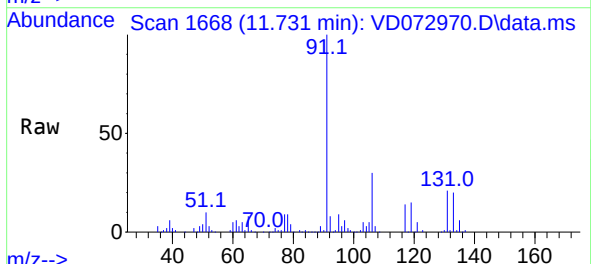
Tgt Ion:112 Resp: 215739
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.6

Manual Integrations
APPROVED

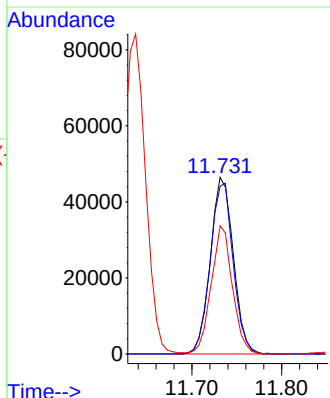
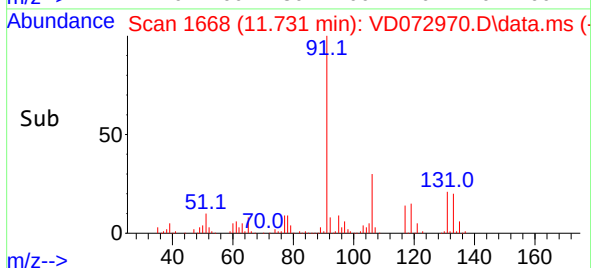
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

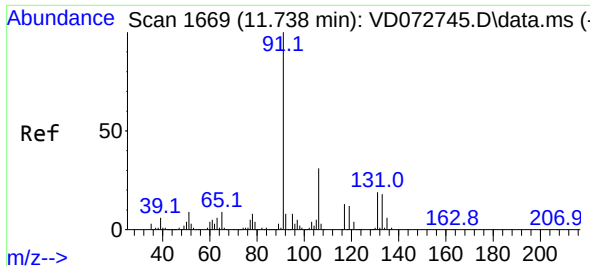


#66
1,1,1,2-Tetrachloroethane
Concen: 20.638 ug/l
RT: 11.731 min Scan# 1668
Delta R.T. -0.001 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56



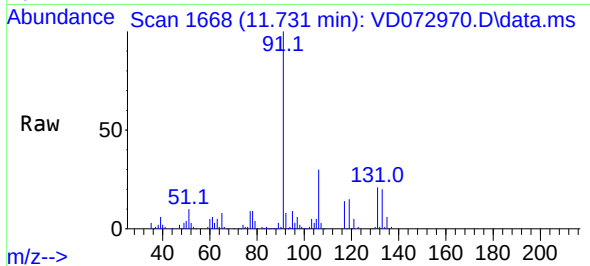
Tgt Ion:131 Resp: 82245
Ion Ratio Lower Upper
131 100
133 97.3 48.1 144.3
119 67.2 31.9 95.9





#67
Ethyl Benzene
Concen: 20.298 ug/l
RT: 11.731 min Scan# 1668
Delta R.T. -0.007 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56

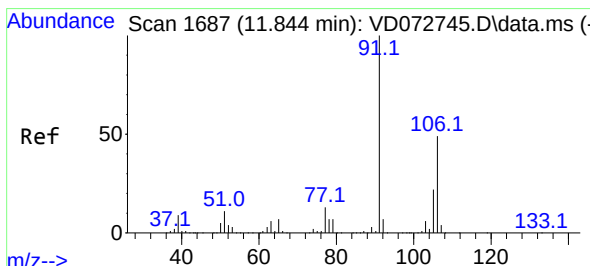
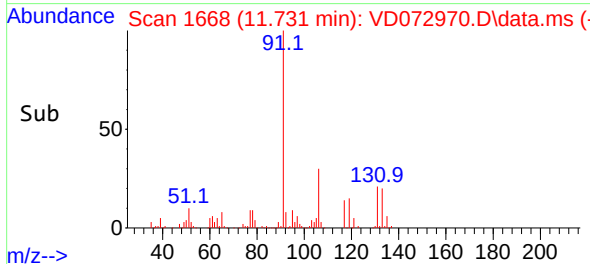
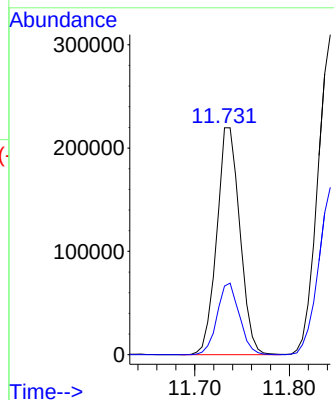
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS02



Tgt Ion: 91 Resp: 372490
Ion Ratio Lower Upper
91 100
106 30.3 24.2 36.4

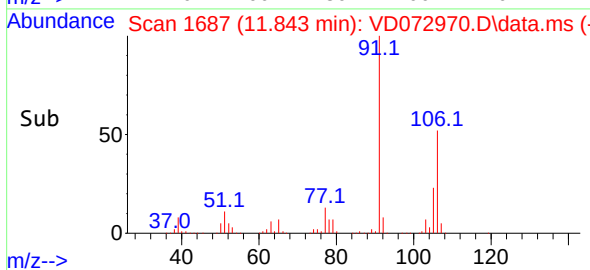
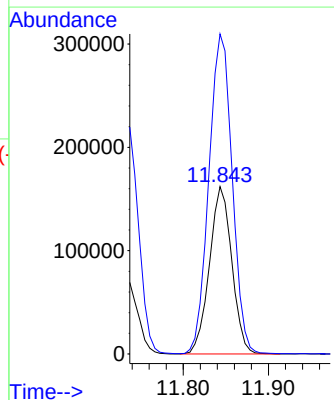
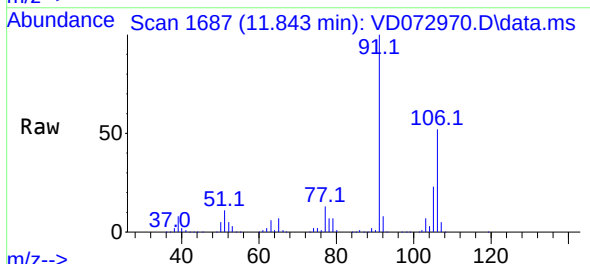
Manual Integrations
APPROVED

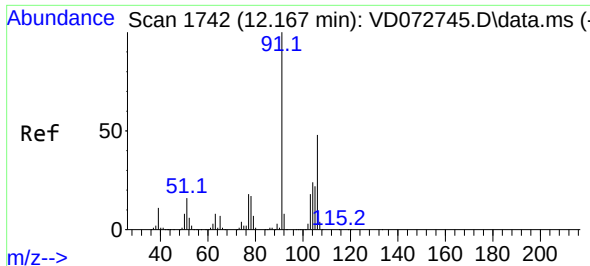
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#68
m/p-Xylenes
Concen: 41.827 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.001 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56

Tgt Ion:106 Resp: 295669
Ion Ratio Lower Upper
106 100
91 199.4 163.7 245.5





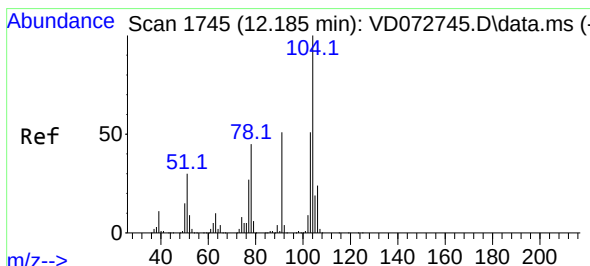
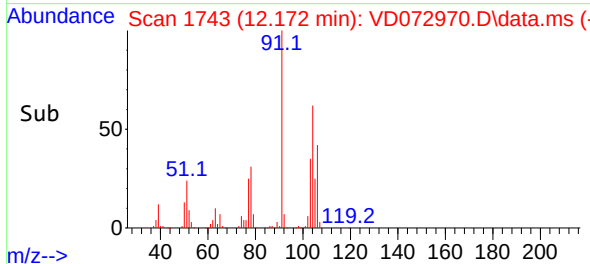
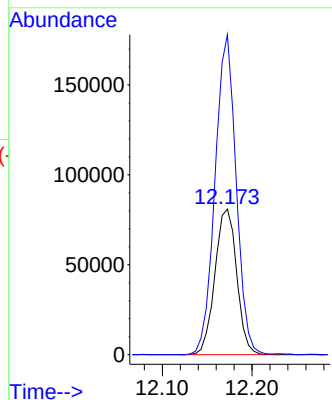
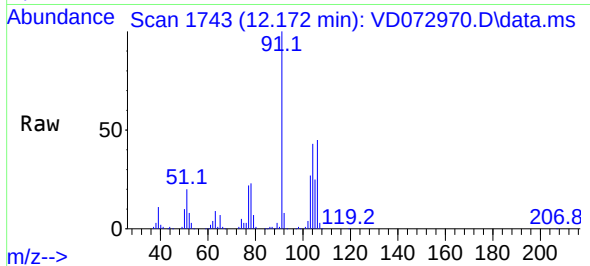
#69
o-Xylene
Concen: 20.662 ug/l
RT: 12.172 min Scan# 1742
Delta R.T. 0.005 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS02

Tgt Ion:106 Resp: 13640
Ion Ratio Lower Upper
106 100
91 213.2 110.4 331.2

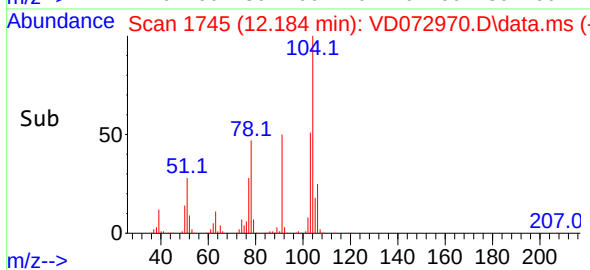
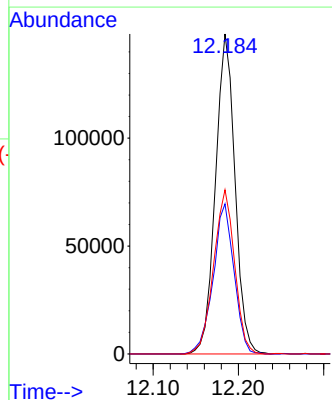
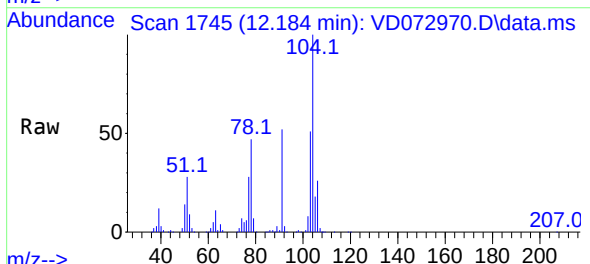
Manual Integrations
APPROVED

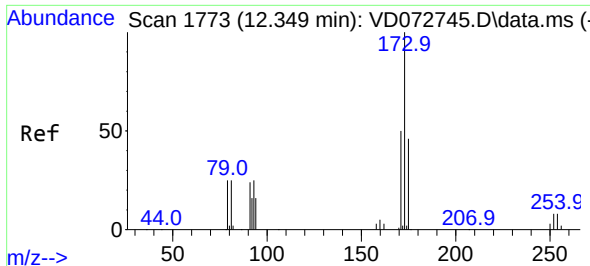
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#70
Styrene
Concen: 20.634 ug/l
RT: 12.184 min Scan# 1745
Delta R.T. -0.001 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56

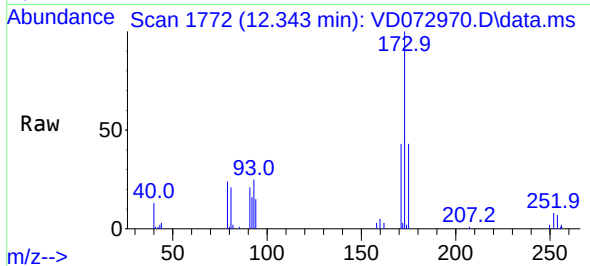
Tgt Ion:104 Resp: 236025
Ion Ratio Lower Upper
104 100
78 50.1 41.8 62.8
103 55.2 44.2 66.4





#71
Bromoform
Concen: 20.474 ug/l
RT: 12.343 min Scan# 1772
Delta R.T. -0.006 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56

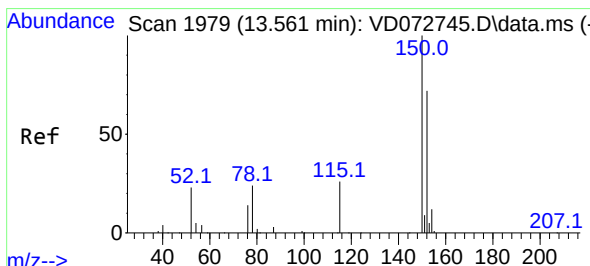
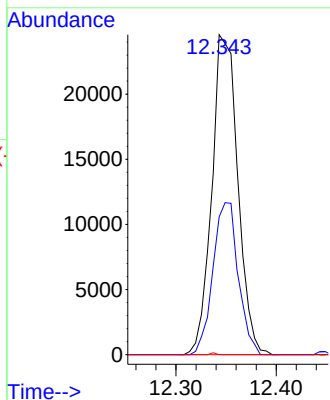
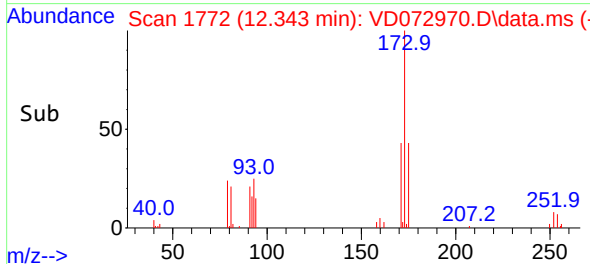
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS02



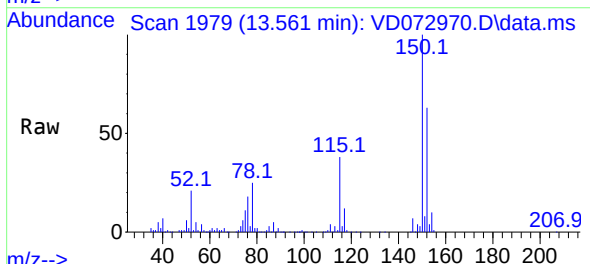
Tgt Ion:173 Resp: 44219
Ion Ratio Lower Upper
173 100
175 46.3 23.9 71.8
254 0.1 0.0 0.0

Manual Integrations
APPROVED

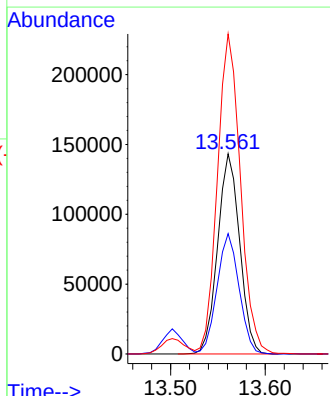
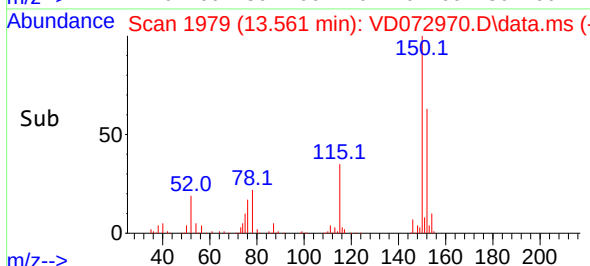
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

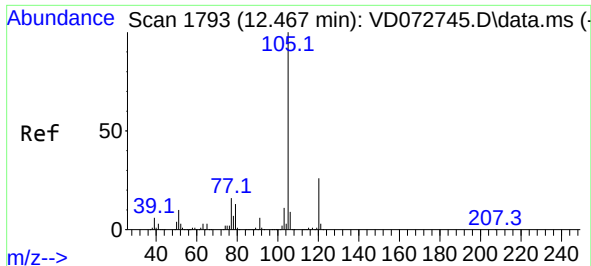


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56



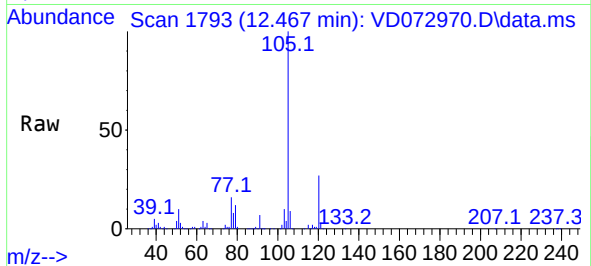
Tgt Ion:152 Resp: 231497
Ion Ratio Lower Upper
152 100
115 60.2 31.3 93.8
150 167.4 0.0 348.6





#73
Isopropylbenzene
Concen: 19.461 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56

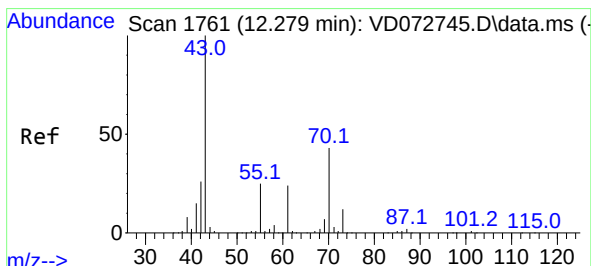
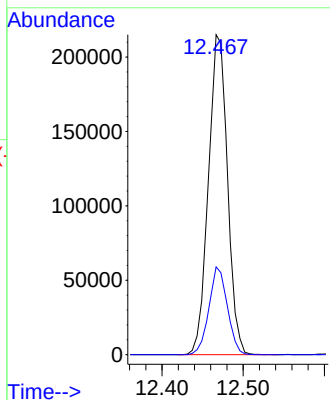
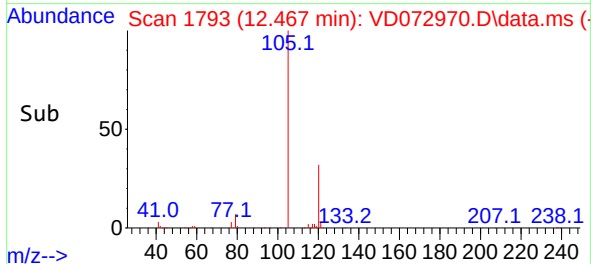
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS02



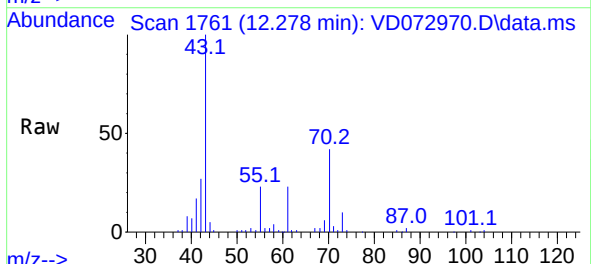
Tgt Ion: 105 Resp: 35051
Ion Ratio Lower Upper
105 100
120 26.5 13.0 38.9

Manual Integrations
APPROVED

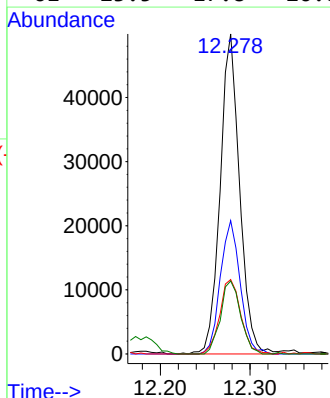
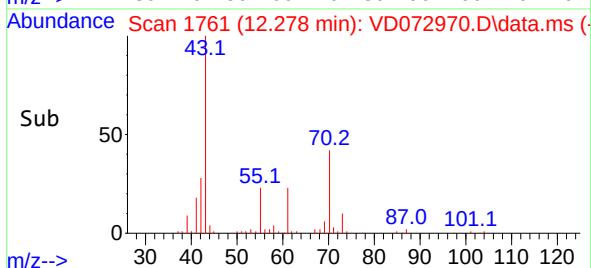
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

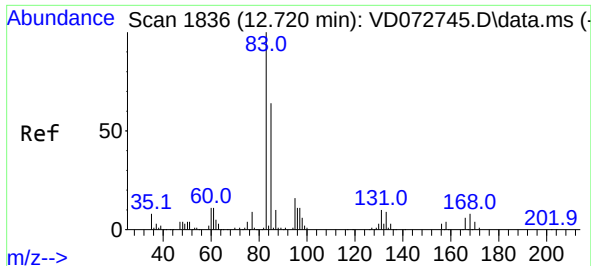


#74
N-ethyl acetate
Concen: 16.771 ug/l
RT: 12.278 min Scan# 1761
Delta R.T. -0.001 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56



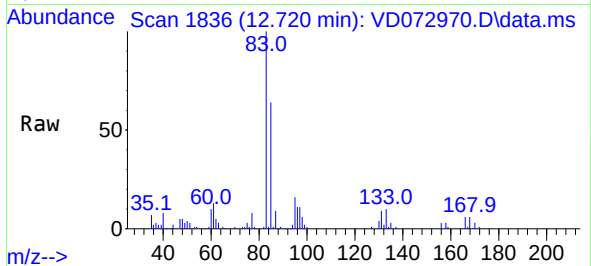
Tgt Ion: 43 Resp: 75225
Ion Ratio Lower Upper
43 100
70 42.4 31.3 46.9
55 25.2 20.0 30.0
61 23.5 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 19.786 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56

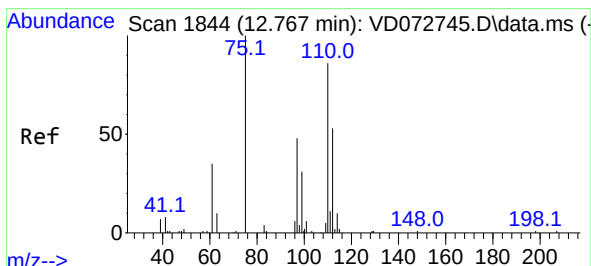
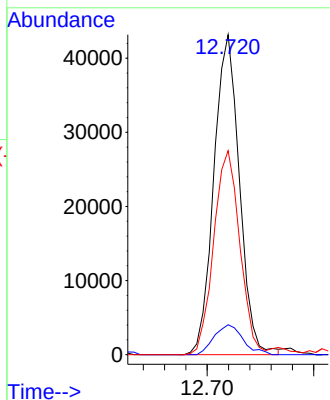
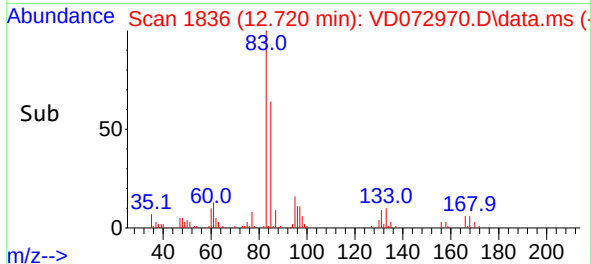
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS02



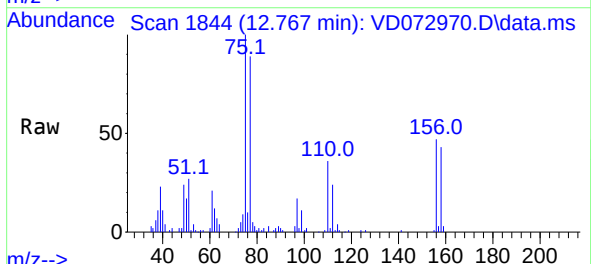
Tgt Ion: 83 Resp: 7193
Ion Ratio Lower Upper
83 100
131 10.5 5.0 14.9
85 65.0 32.6 98.0

Manual Integrations
APPROVED

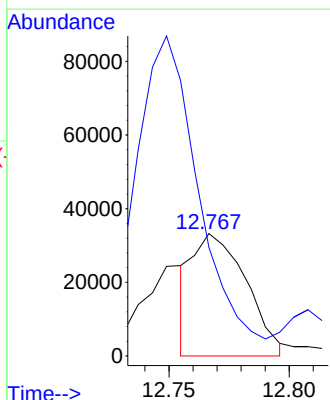
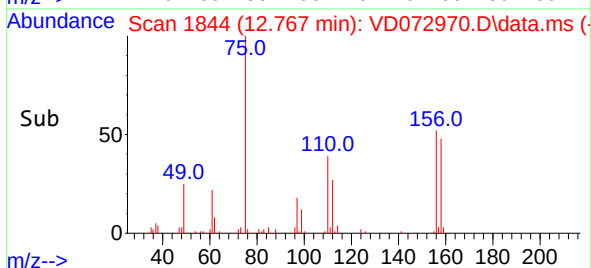
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

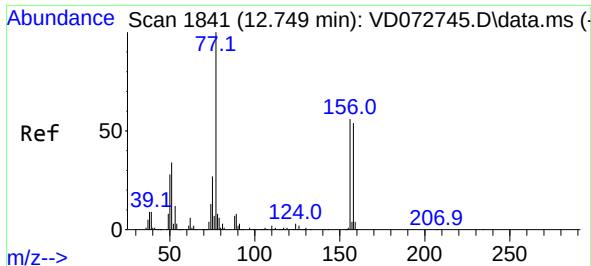


#76
1,2,3-Trichloropropane
Concen: 19.871 ug/l m
RT: 12.767 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56



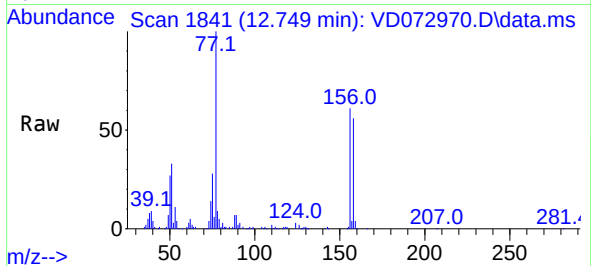
Tgt Ion: 75 Resp: 51294
Ion Ratio Lower Upper
75 100
77 316.3 0.0 0.0#





#77
Bromobenzene
Concen: 19.893 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56

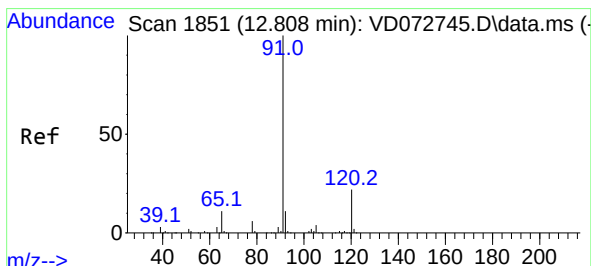
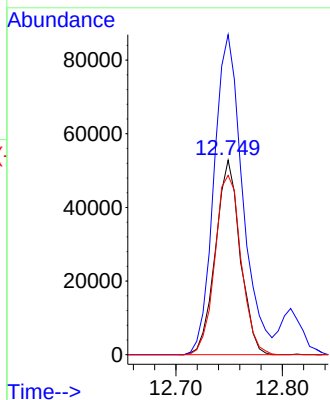
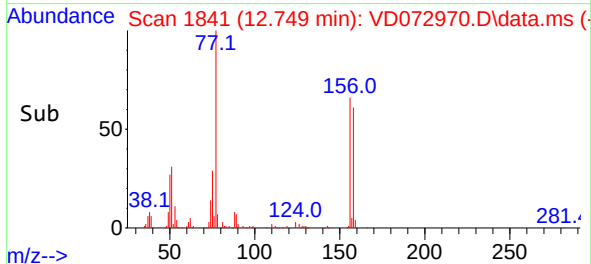
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS02



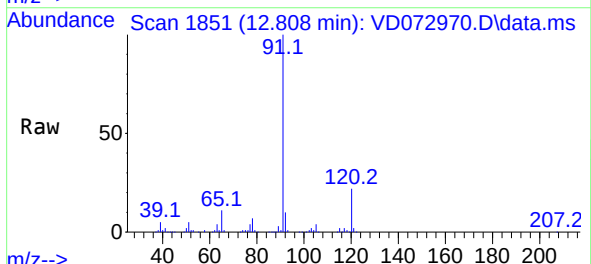
Tgt Ion:156 Resp: 85082
Ion Ratio Lower Upper
156 100
77 190.7 102.8 308.3
158 97.7 48.7 146.1

Manual Integrations
APPROVED

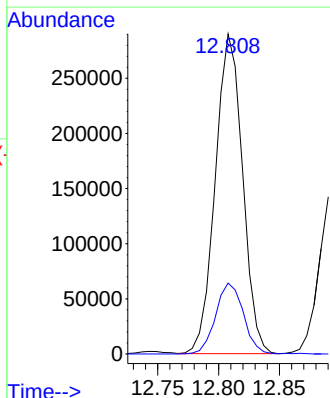
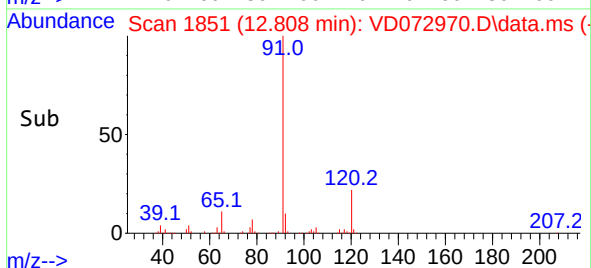
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

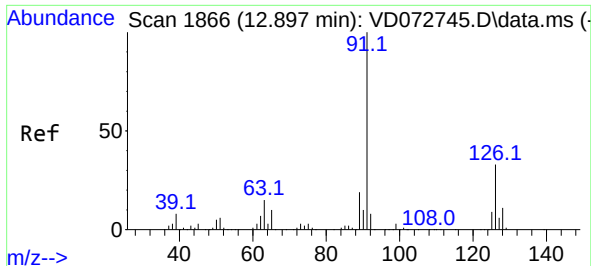


#78
n-propylbenzene
Concen: 19.885 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56



Tgt Ion: 91 Resp: 451399
Ion Ratio Lower Upper
91 100
120 22.5 10.9 32.9





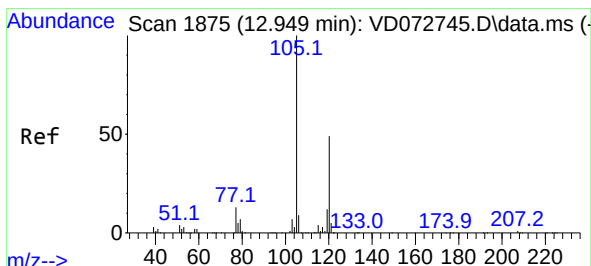
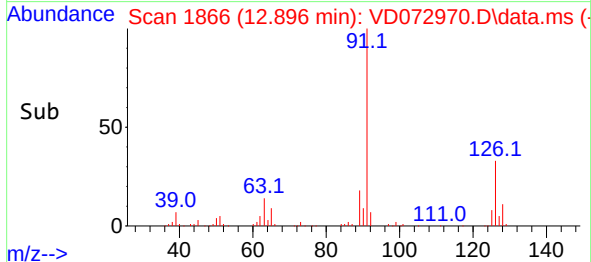
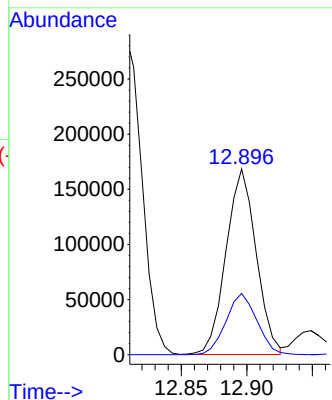
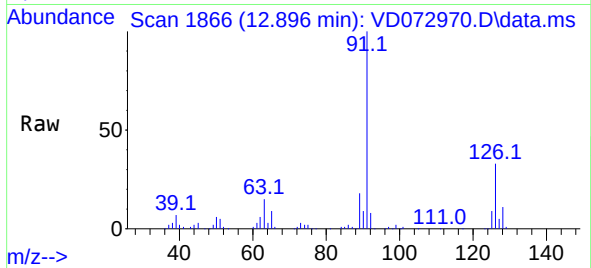
#79
2-Chlorotoluene
Concen: 20.277 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. -0.001 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS02

Tgt Ion: 91 Resp: 268879
Ion Ratio Lower Upper
91 100
126 33.9 16.2 48.6

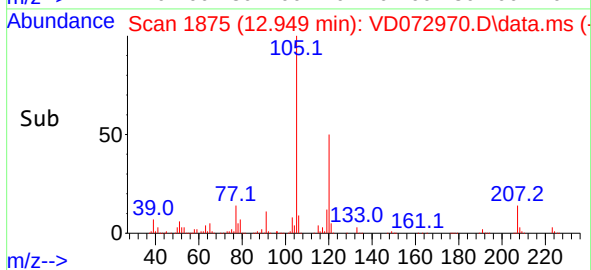
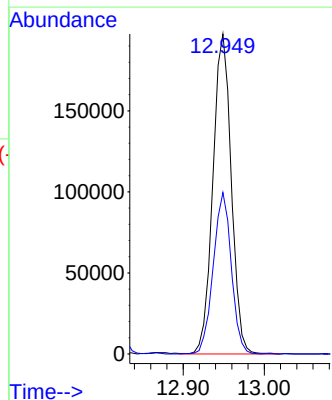
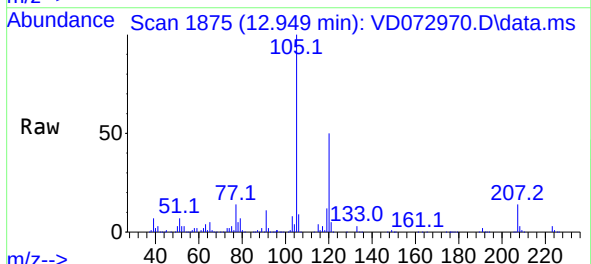
Manual Integrations
APPROVED

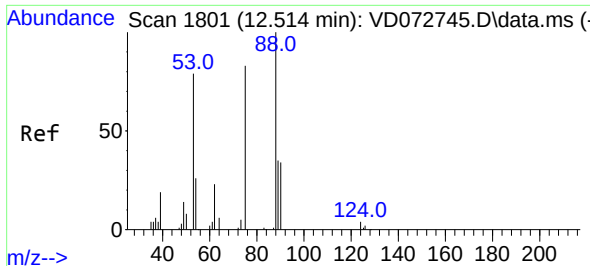
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.338 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56

Tgt Ion:105 Resp: 310611
Ion Ratio Lower Upper
105 100
120 49.4 24.3 72.8





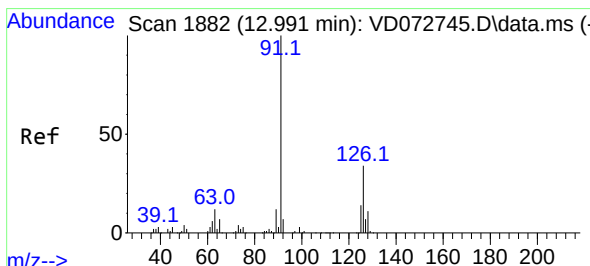
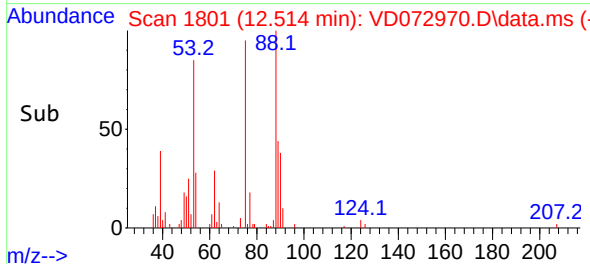
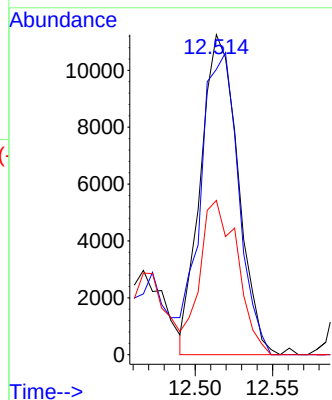
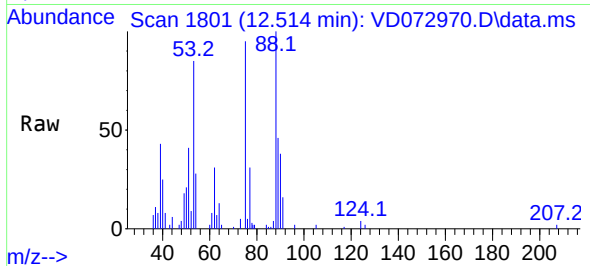
#81
trans-1,4-Dichloro-2-butene
Concen: 16.851 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. -0.000 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS02

Tgt Ion: 75 Resp: 18910
Ion Ratio Lower Upper
75 100
53 97.1 86.5 129.7
89 48.4 33.9 50.9

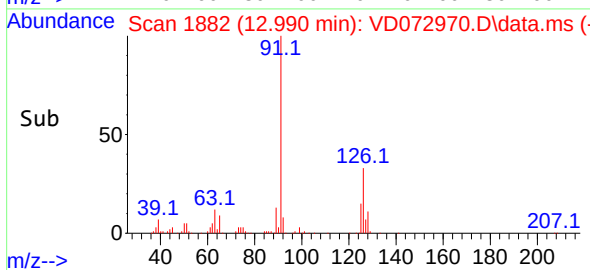
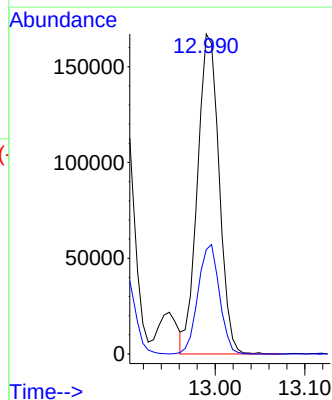
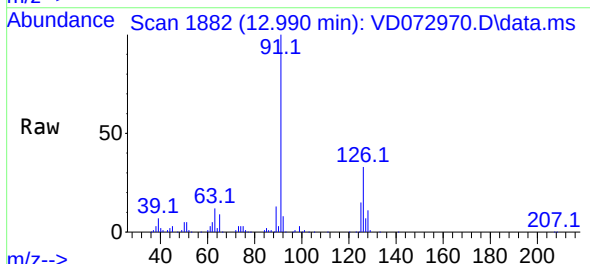
Manual Integrations
APPROVED

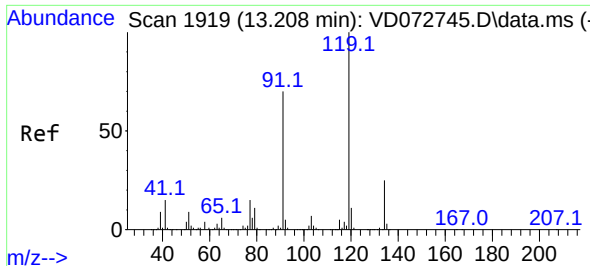
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#82
4-Chlorotoluene
Concen: 20.195 ug/l
RT: 12.990 min Scan# 1882
Delta R.T. -0.001 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56

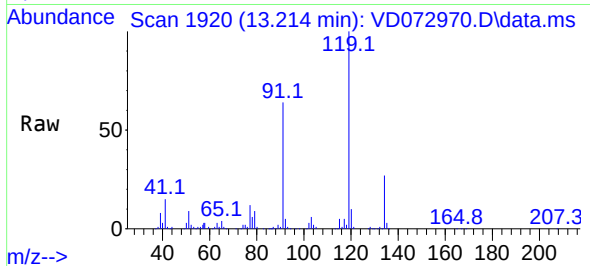
Tgt Ion: 91 Resp: 279807
Ion Ratio Lower Upper
91 100
126 33.8 16.5 49.5





#83
tert-Butylbenzene
Concen: 20.008 ug/l
RT: 13.214 min Scan# 1919
Delta R.T. 0.006 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56

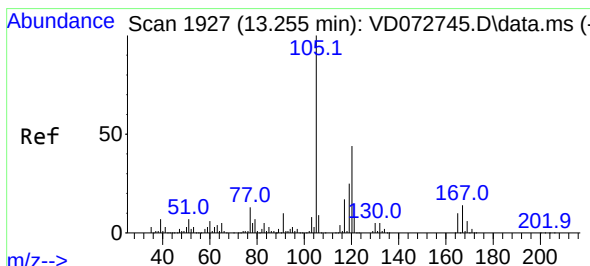
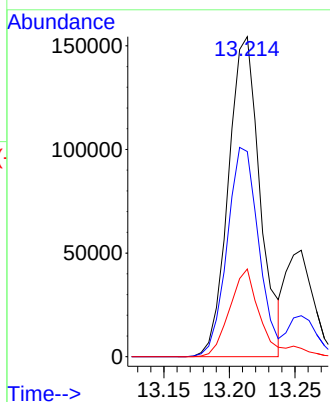
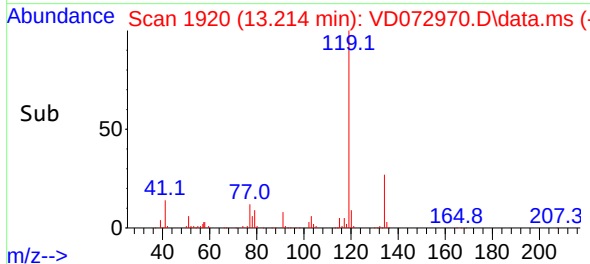
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS02



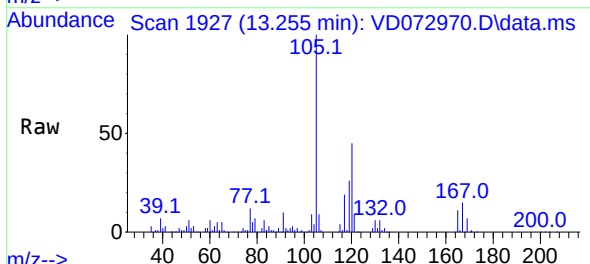
Tgt Ion:119 Resp: 25978
Ion Ratio Lower Upper
119 100
91 65.1 34.8 104.5
134 27.5 13.3 39.9

Manual Integrations
APPROVED

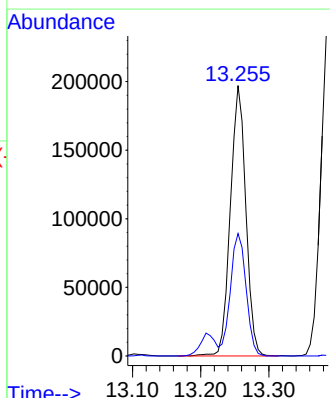
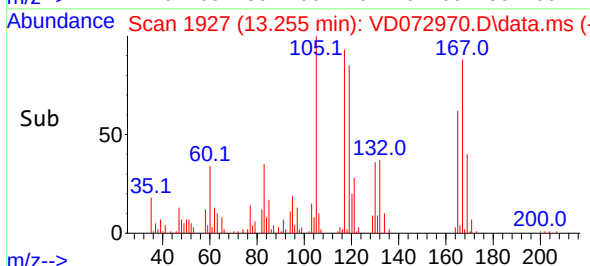
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

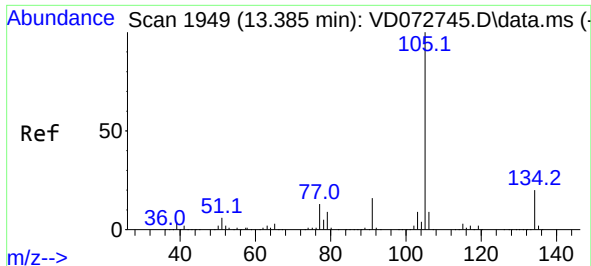


#84
1,2,4-Trimethylbenzene
Concen: 20.395 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56



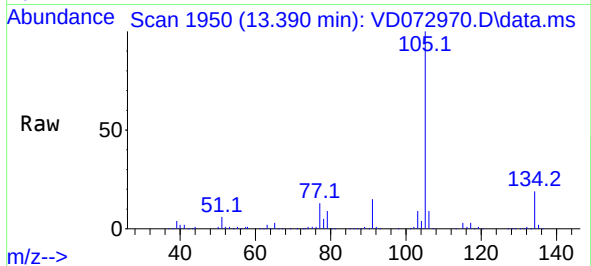
Tgt Ion:105 Resp: 311341
Ion Ratio Lower Upper
105 100
120 45.9 22.3 66.8





#85
 sec-Butylbenzene
 Concen: 20.008 ug/l
 RT: 13.390 min Scan# 1949
 Delta R.T. 0.005 min
 Lab File: VD072970.D
 Acq: 13 May 2022 02:56

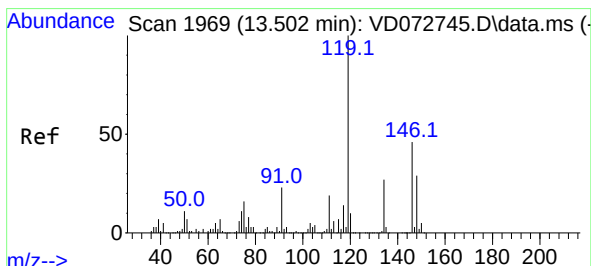
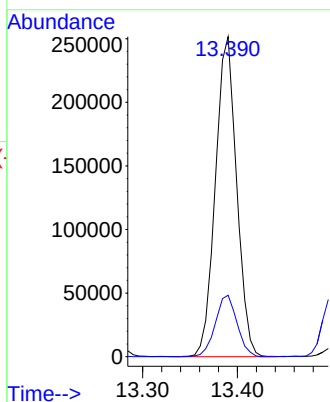
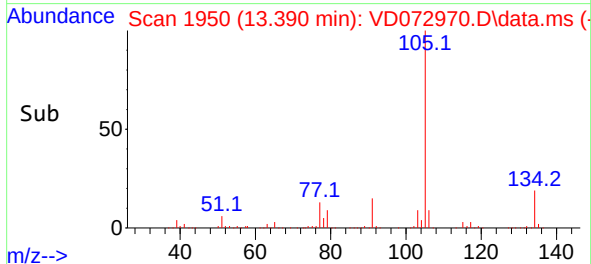
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0512SBS02



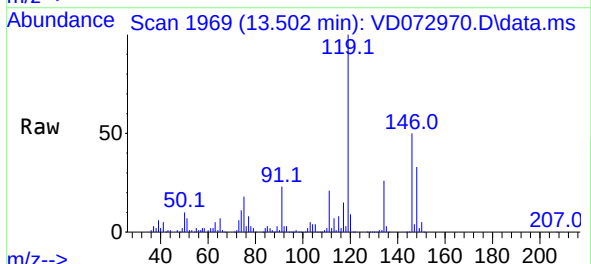
Tgt Ion:105 Resp: 391819
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.3

Manual Integrations
 APPROVED

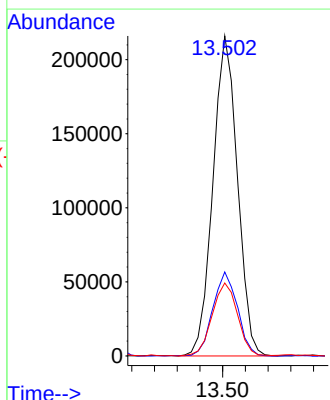
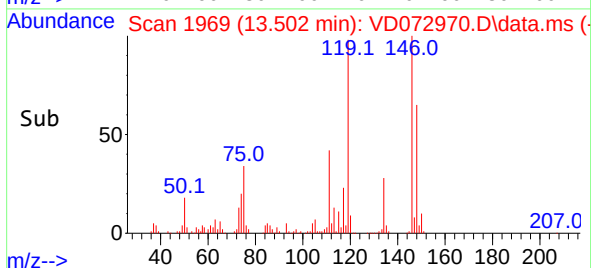
Reviewed By :John Carbone 05/13/2022
 Supervised By :Mahesh Dadoda 05/13/2022

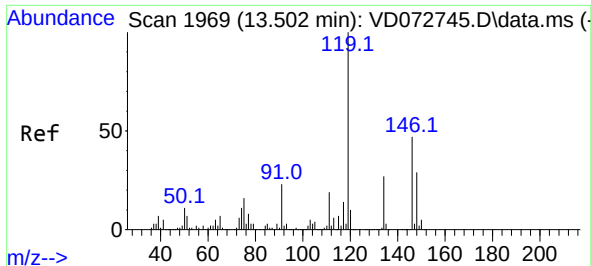


#86
 p-Isopropyltoluene
 Concen: 20.166 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.000 min
 Lab File: VD072970.D
 Acq: 13 May 2022 02:56



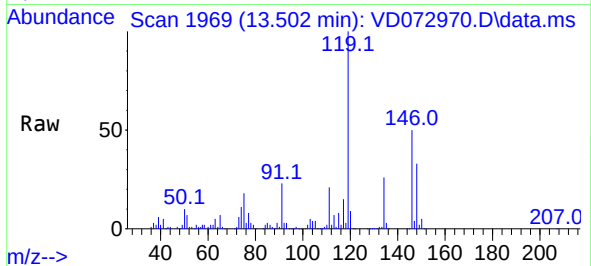
Tgt Ion:119 Resp: 323788
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.9 38.6
 91 23.7 12.1 36.3





#87
1,3-Dichlorobenzene
Concen: 20.158 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56

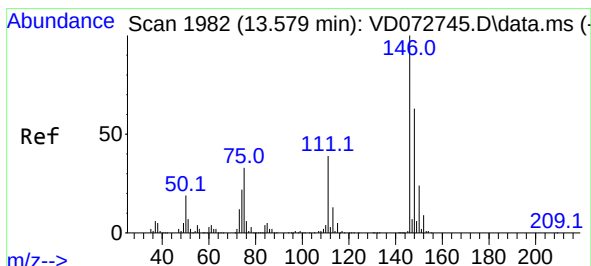
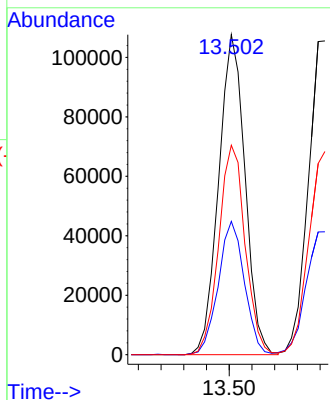
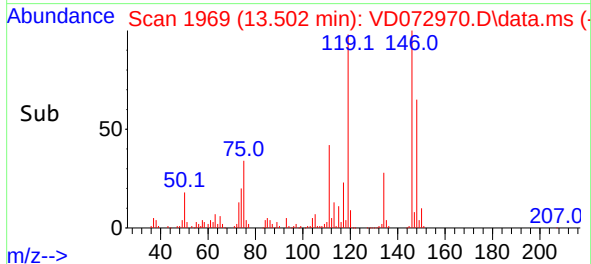
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS02



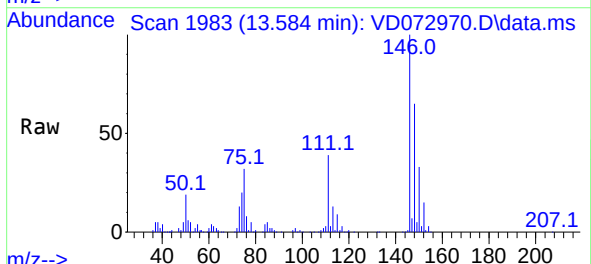
Tgt Ion:146 Resp: 17368
Ion Ratio Lower Upper
146 100
111 41.4 20.4 61.3
148 65.5 31.9 95.7

Manual Integrations
APPROVED

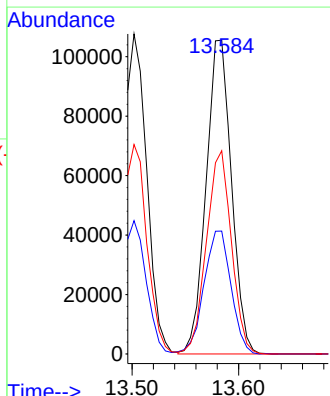
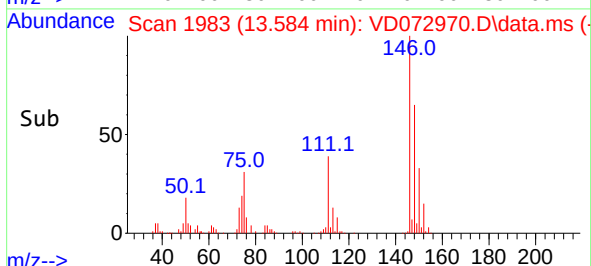
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

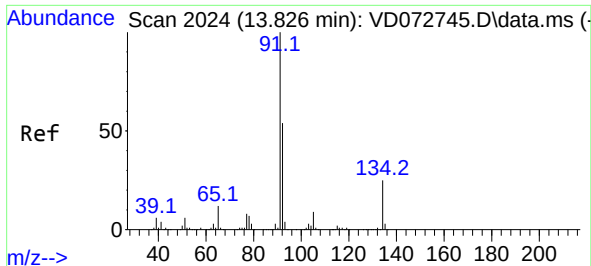


#88
1,4-Dichlorobenzene
Concen: 20.377 ug/l
RT: 13.584 min Scan# 1983
Delta R.T. 0.005 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56



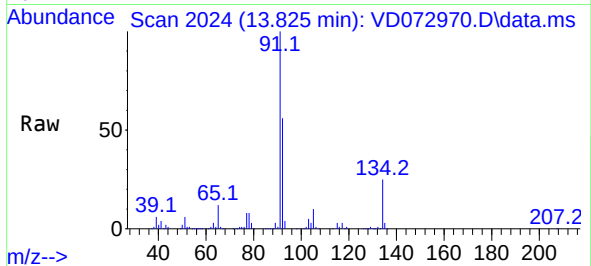
Tgt Ion:146 Resp: 174839
Ion Ratio Lower Upper
146 100
111 41.9 20.3 60.9
148 63.8 31.7 95.1





#89
n-Butylbenzene
Concen: 19.186 ug/l
RT: 13.825 min Scan# 2024
Delta R.T. -0.001 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56

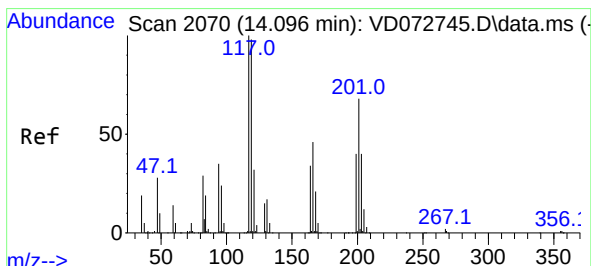
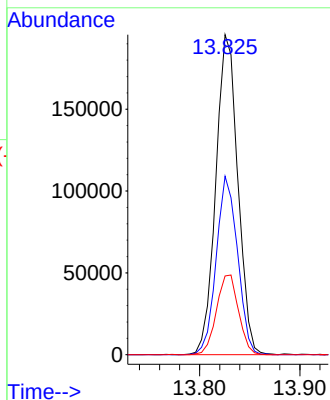
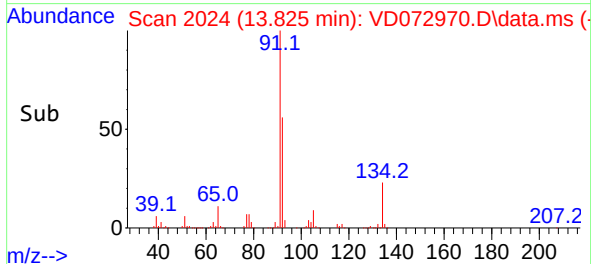
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS02



Tgt Ion: 91 Resp: 298412
Ion Ratio Lower Upper
91 100
92 53.9 26.6 79.8
134 25.0 12.3 36.9

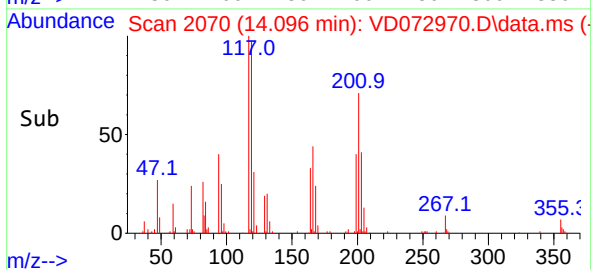
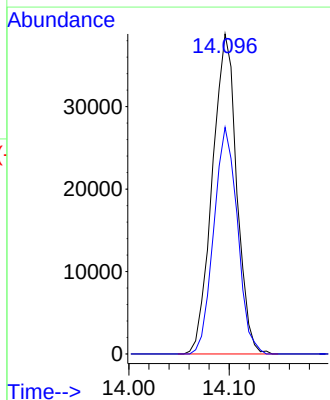
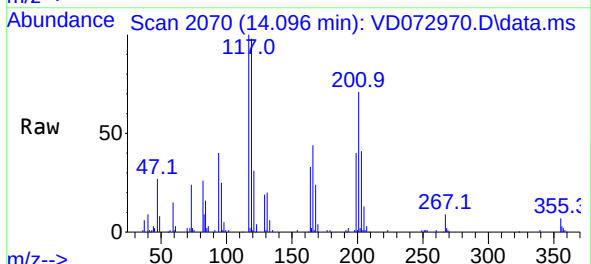
Manual Integrations
APPROVED

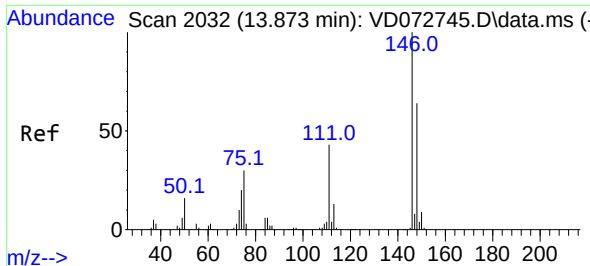
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#90
Hexachloroethane
Concen: 19.909 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56

Tgt Ion:117 Resp: 65485
Ion Ratio Lower Upper
117 100
201 68.8 33.4 100.2





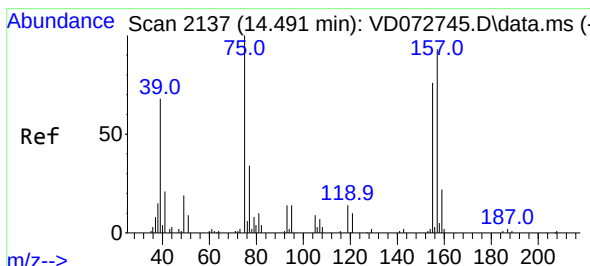
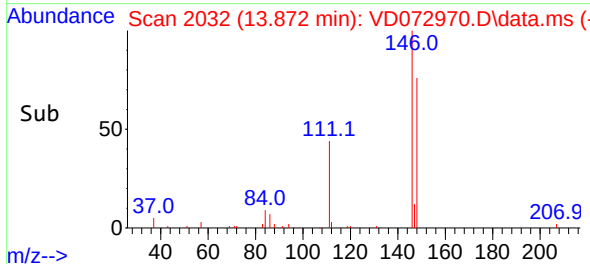
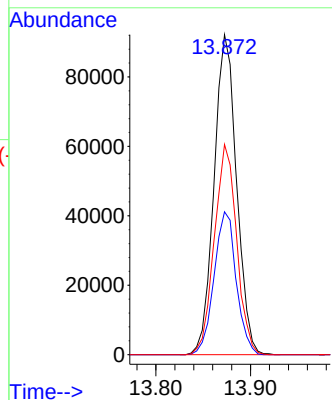
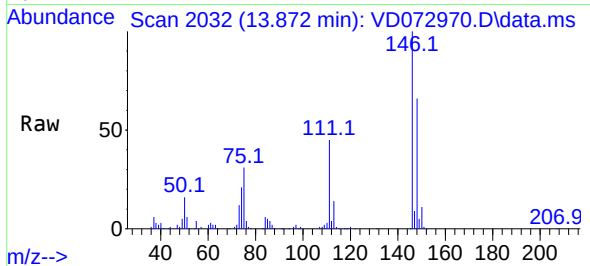
#91
1,2-Dichlorobenzene
Concen: 20.291 ug/l
RT: 13.872 min Scan# 2032
Delta R.T. -0.001 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS02

Tgt Ion:146 Resp: 15236
Ion Ratio Lower Upper
146 100
111 44.0 21.1 63.3
148 65.1 31.7 95.1

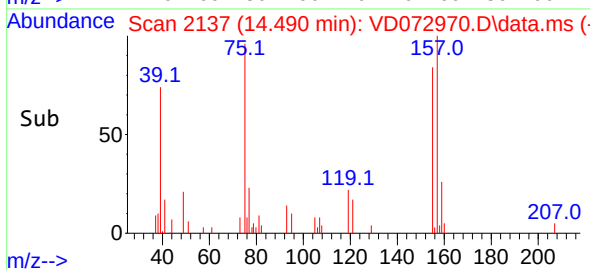
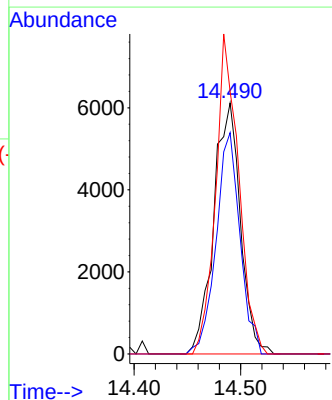
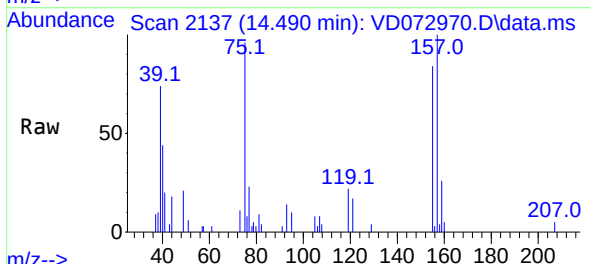
Manual Integrations
APPROVED

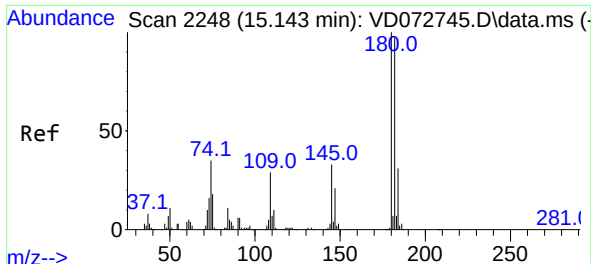
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.444 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. -0.001 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56

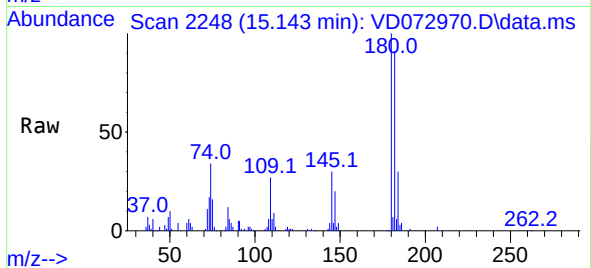
Tgt Ion: 75 Resp: 10630
Ion Ratio Lower Upper
75 100
155 79.1 36.8 110.3
157 109.7 48.4 145.0





#93
1,2,4-Trichlorobenzene
Concen: 18.839 ug/l
RT: 15.143 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56

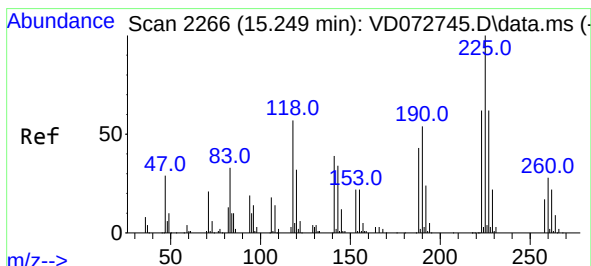
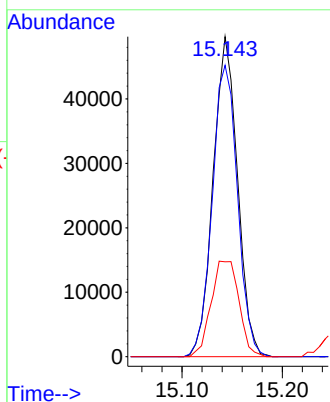
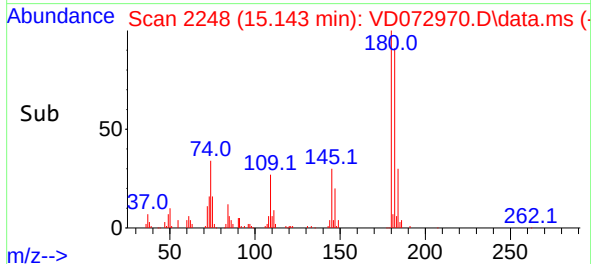
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS02



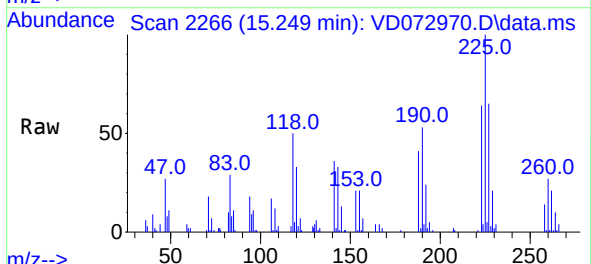
Tgt Ion:180 Resp: 8377
Ion Ratio Lower Upper
180 100
182 94.6 47.3 142.0
145 34.2 16.2 48.5

Manual Integrations
APPROVED

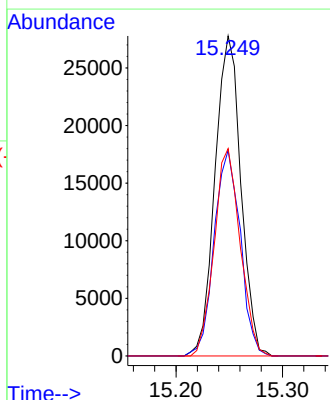
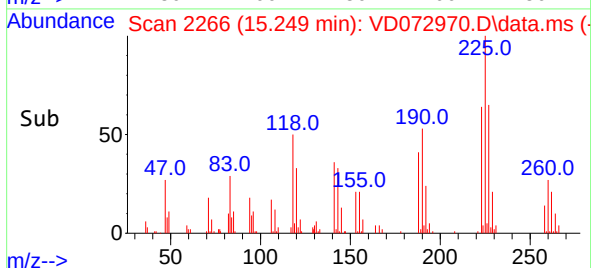
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

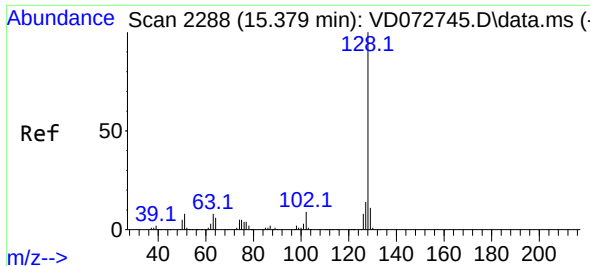


#94
Hexachlorobutadiene
Concen: 19.296 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. -0.000 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56



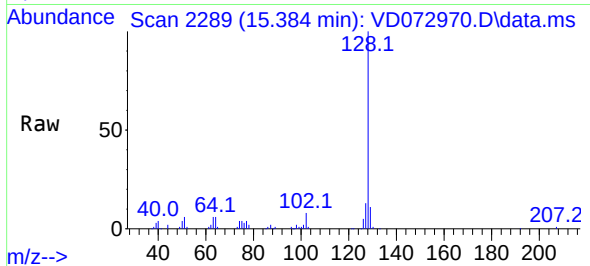
Tgt Ion:225 Resp: 46864
Ion Ratio Lower Upper
225 100
223 64.7 31.1 93.2
227 65.1 32.4 97.0





#95
Naphthalene
Concen: 18.000 ug/l
RT: 15.384 min Scan# 2288
Delta R.T. 0.005 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56

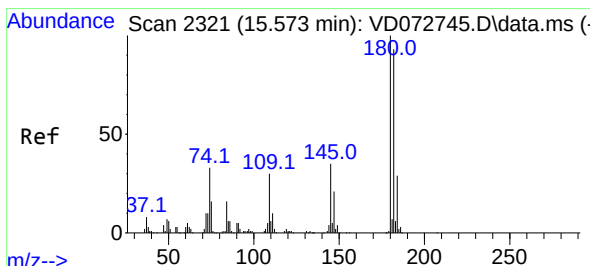
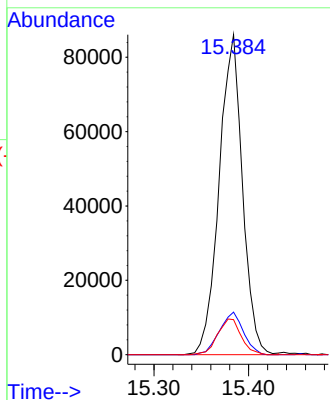
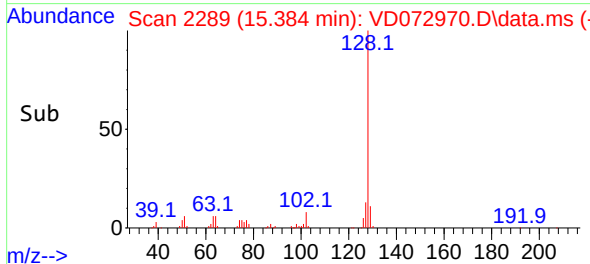
Instrument :
MSVOA_D
ClientSampleId :
VD0512SBS02



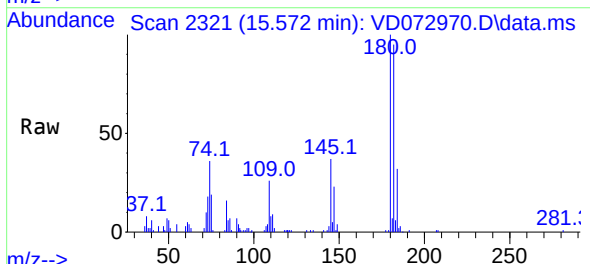
Tgt Ion:128 Resp: 147168
Ion Ratio Lower Upper
128 100
127 13.7 10.3 15.5
129 11.3 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#96
1,2,3-Trichlorobenzene
Concen: 19.346 ug/l
RT: 15.572 min Scan# 2321
Delta R.T. -0.001 min
Lab File: VD072970.D
Acq: 13 May 2022 02:56



Tgt Ion:180 Resp: 76265
Ion Ratio Lower Upper
180 100
182 93.5 47.6 142.9
145 34.5 17.1 51.3

