

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031422\
 Data File : VD072177.D
 Acq On : 14 Mar 2022 19:46
 Operator : VA/SY
 Sample : N1888-03
 Misc : 2.84G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SS-3(PILE-3)

Quant Time: Mar 15 01:26:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

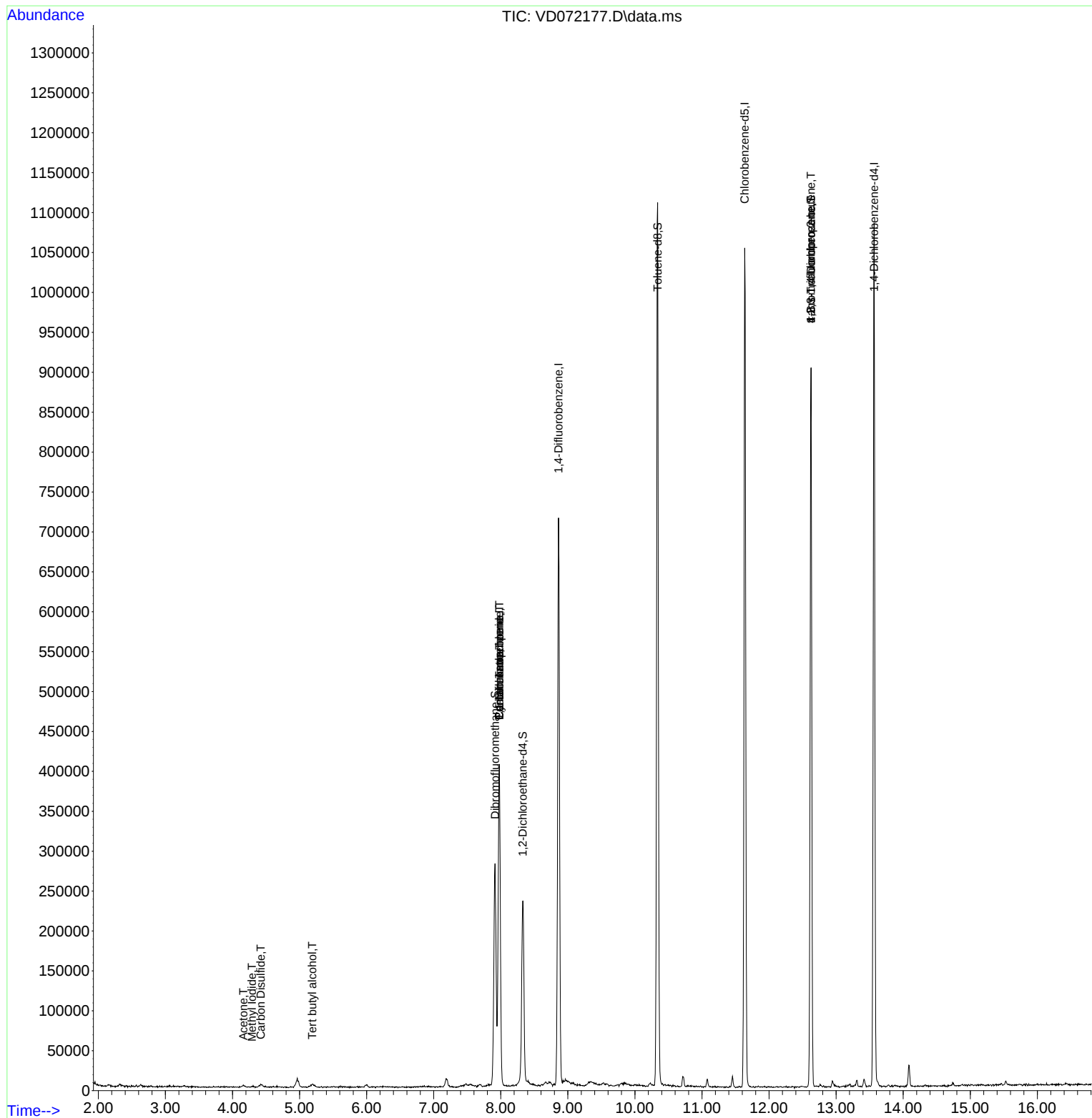
Internal Standards						
1) Pentafluorobenzene	7.979	168	293128	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	592250	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	607985	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	284017	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	189158	57.904	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.800%
35) Dibromofluoromethane	7.914	113	199323	47.826	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.660%
50) Toluene-d8	10.338	98	752895	49.405	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.800%
62) 4-Bromofluorobenzene	12.626	95	279176	47.148	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.300%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.291	142	568	2.408	ug/l #	82
11) Tert butyl alcohol	5.191	59	4071	21.493	ug/l #	74
16) Acetone	4.162	43	3643	5.136	ug/l #	89
17) Carbon Disulfide	4.420	76	2716	1.920	ug/l #	74
20) Methylene Chloride	4.967	84	7971	Below Cal	#	69
31) Cyclohexane	7.979	56	7316	1.433	ug/l #	11
36) 1,1-Dichloropropene	7.979	75	25230	4.315	ug/l #	50
38) Carbon Tetrachloride	7.979	117	31246	4.701	ug/l #	17
76) 1,2,3-Trichloropropane	12.626	75	141641	45.210	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	141641	112.171	ug/l #	7

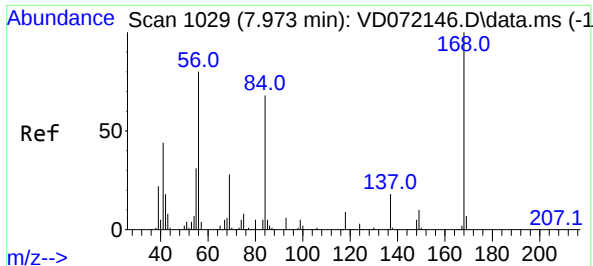
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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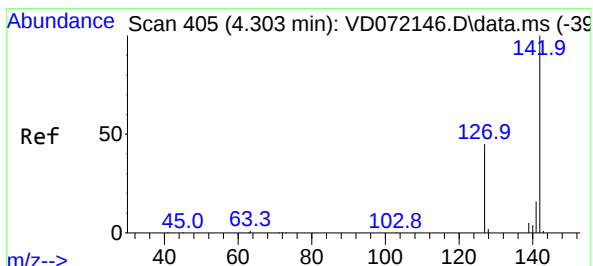
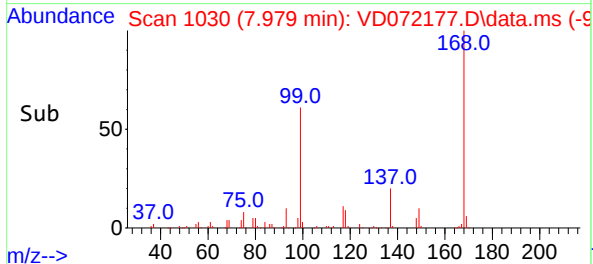
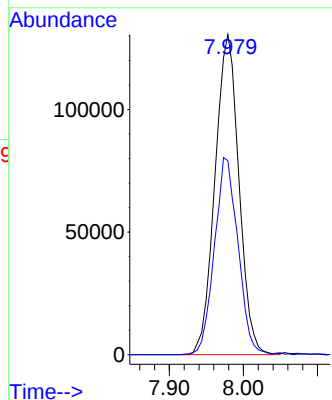
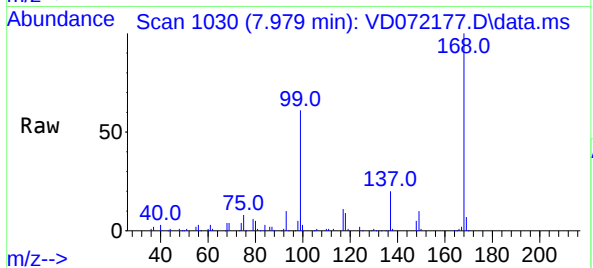




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072177.D
Acq: 14 Mar 2022 19:46

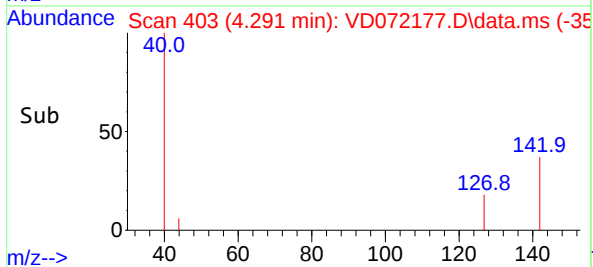
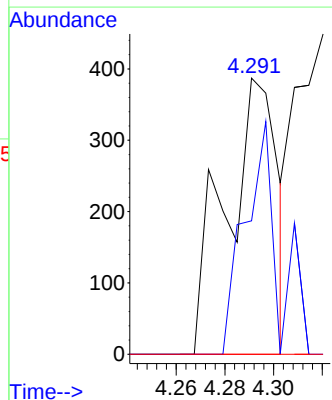
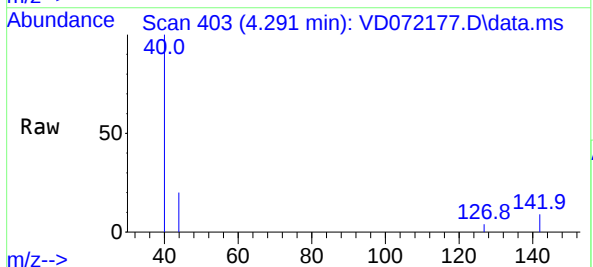
Instrument :
MSVOA_D
ClientSampleId :
SS-3(PILE-3)

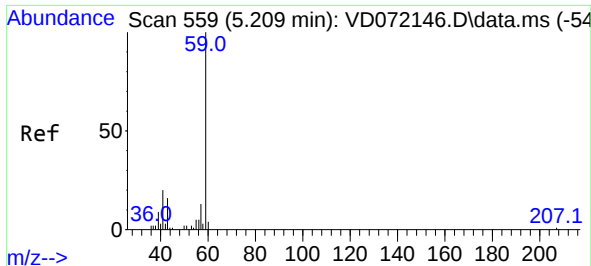
Tgt Ion:168 Resp: 293128
Ion Ratio Lower Upper
168 100
99 60.6 49.8 74.6



#10
Methyl Iodide
Concen: 2.408 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.012 min
Lab File: VD072177.D
Acq: 14 Mar 2022 19:46

Tgt Ion:142 Resp: 568
Ion Ratio Lower Upper
142 100
127 54.6 37.3 55.9
141 0.0 11.7 17.5#

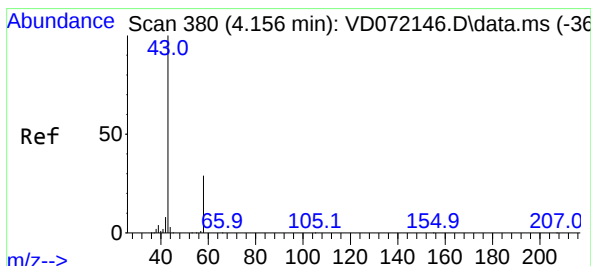
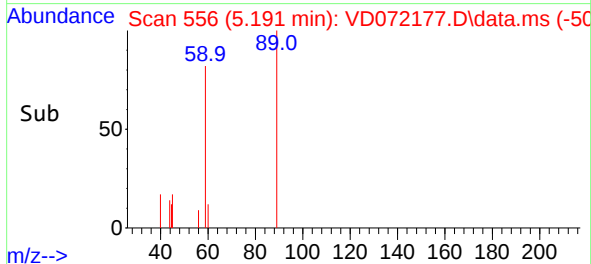
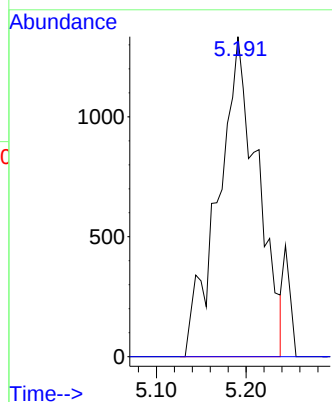
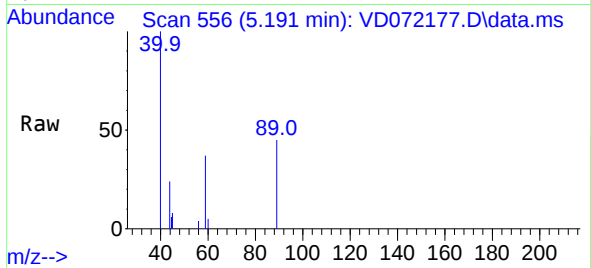




#11
Tert butyl alcohol
Concen: 21.493 ug/l
RT: 5.191 min Scan# 51
Delta R.T. -0.018 min
Lab File: VD072177.D
Acq: 14 Mar 2022 19:46

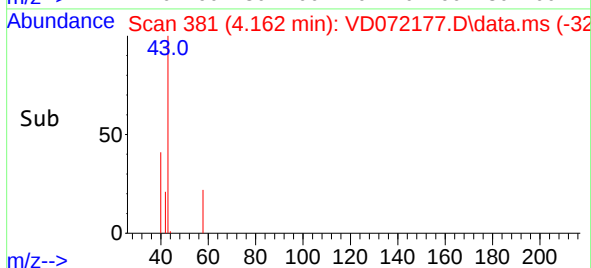
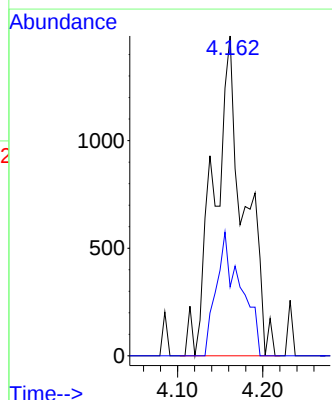
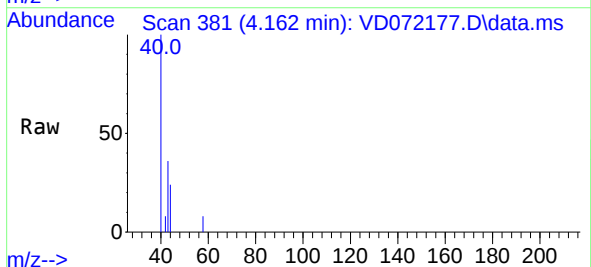
Instrument :
MSVOA_D
ClientSampleId :
SS-3(PILE-3)

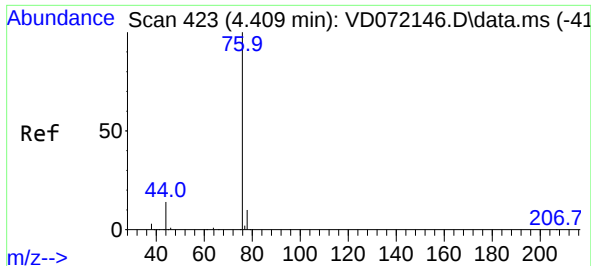
Tgt Ion: 59 Resp: 4071
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 5.136 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD072177.D
Acq: 14 Mar 2022 19:46

Tgt Ion: 43 Resp: 3643
Ion Ratio Lower Upper
43 100
58 21.6 22.1 33.1#

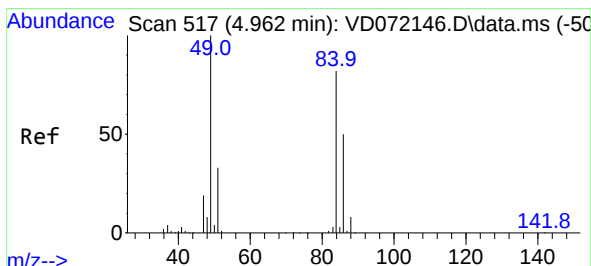
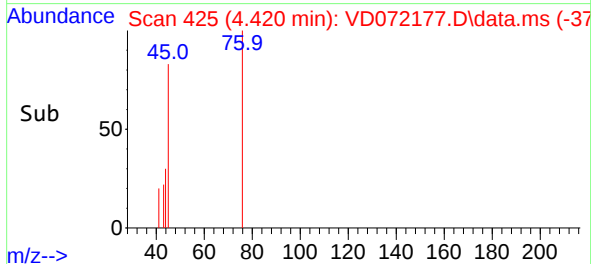
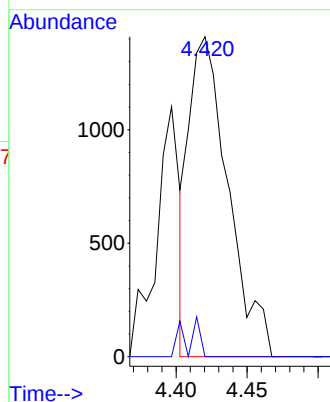
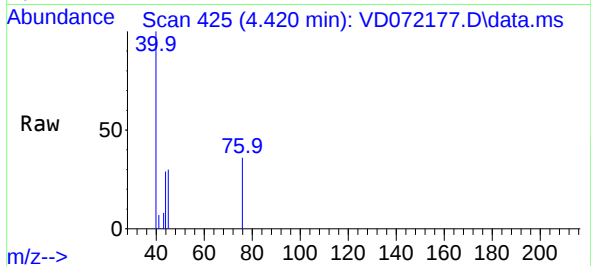




#17
Carbon Disulfide
Concen: 1.920 ug/l
RT: 4.420 min Scan# 41
Delta R.T. 0.011 min
Lab File: VD072177.D
Acq: 14 Mar 2022 19:46

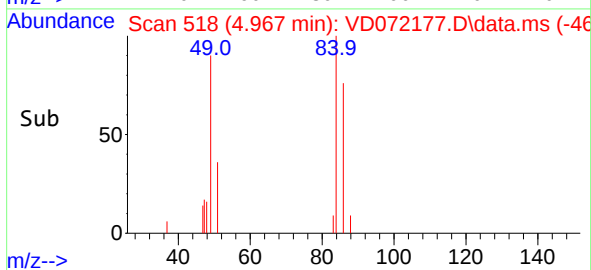
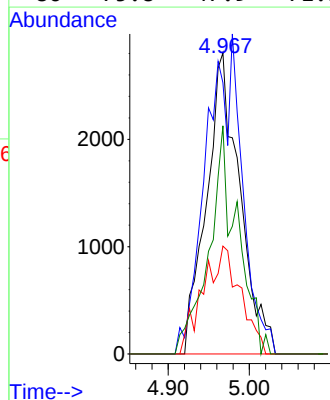
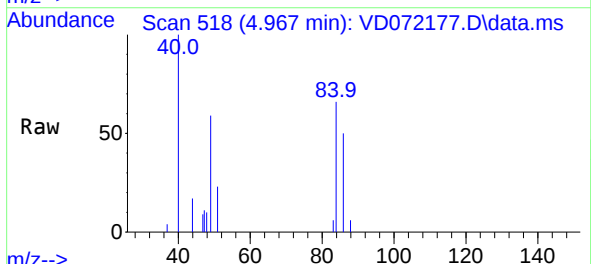
Instrument :
MSVOA_D
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SS-3(PILE-3)

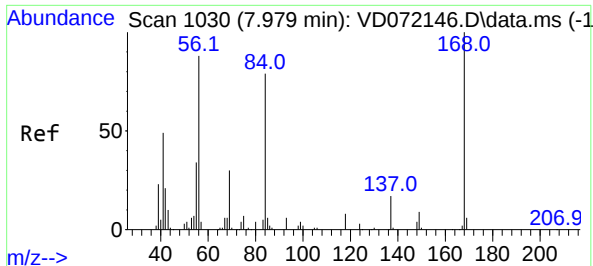
Tgt Ion: 76 Resp: 2716
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.005 min
Lab File: VD072177.D
Acq: 14 Mar 2022 19:46

Tgt Ion: 84 Resp: 7971
Ion Ratio Lower Upper
84 100
49 90.1 112.8 169.2#
51 35.8 32.6 48.8
86 75.8 47.9 71.9#

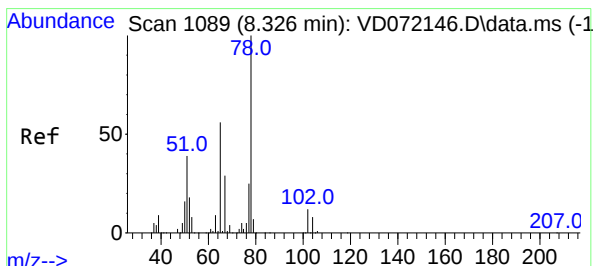
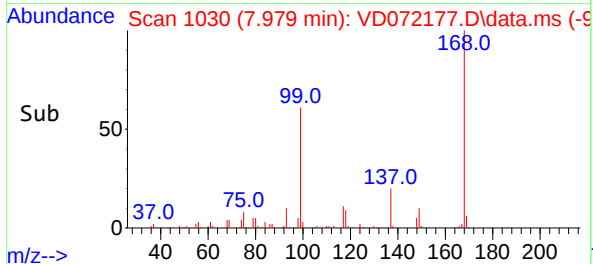
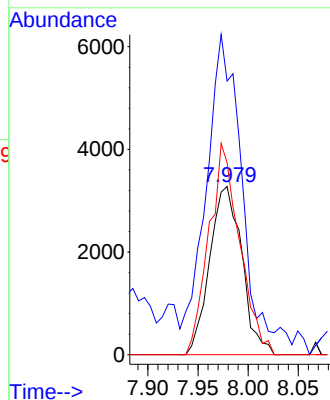
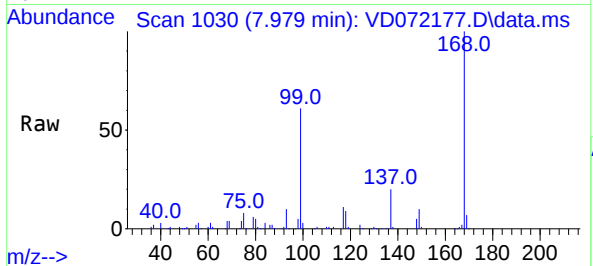




#31
Cyclohexane
Concen: 1.433 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD072177.D
Acq: 14 Mar 2022 19:46

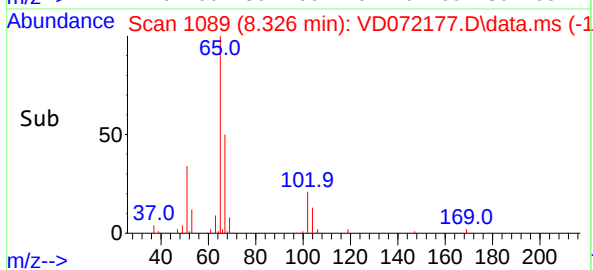
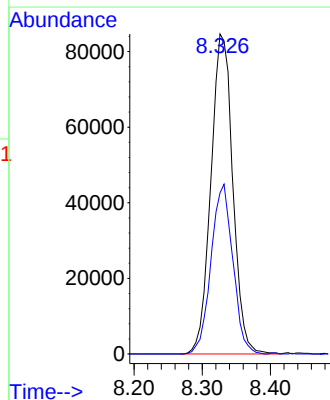
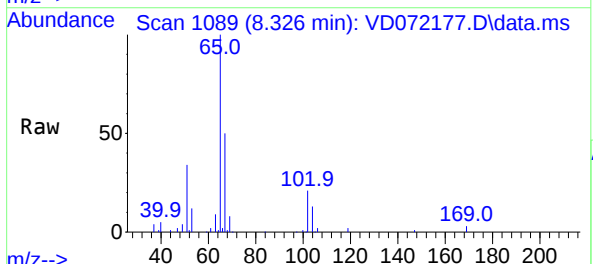
Instrument :
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ClientSampleId :
SS-3(PILE-3)

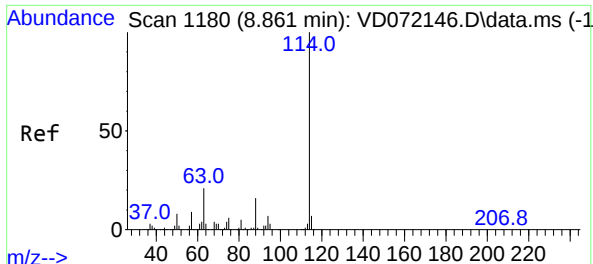
Tgt Ion: 56 Resp: 7316
Ion Ratio Lower Upper
56 100
69 147.3 25.4 38.2#
84 114.2 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 57.904 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072177.D
Acq: 14 Mar 2022 19:46

Tgt Ion: 65 Resp: 189158
Ion Ratio Lower Upper
65 100
67 52.7 0.0 101.4

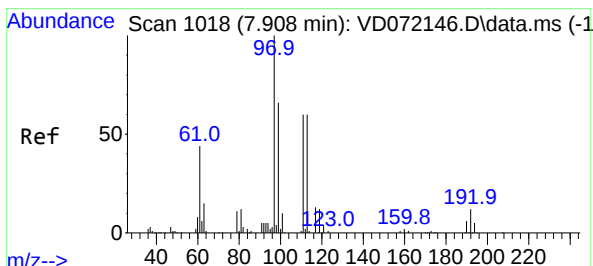
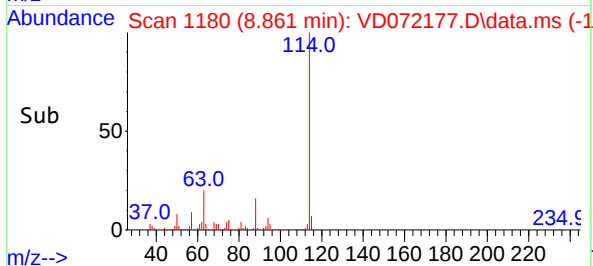
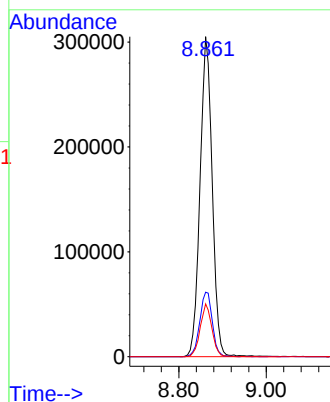
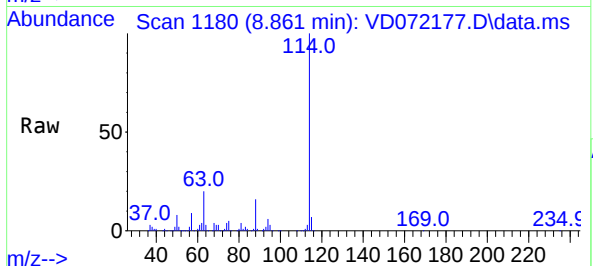




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD072177.D
Acq: 14 Mar 2022 19:46

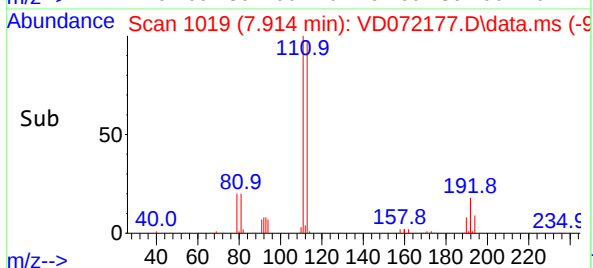
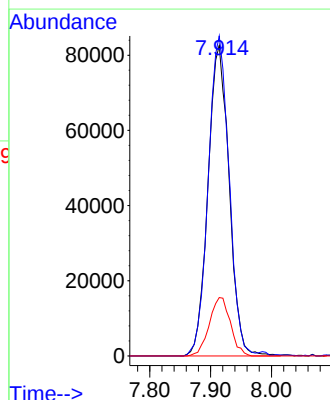
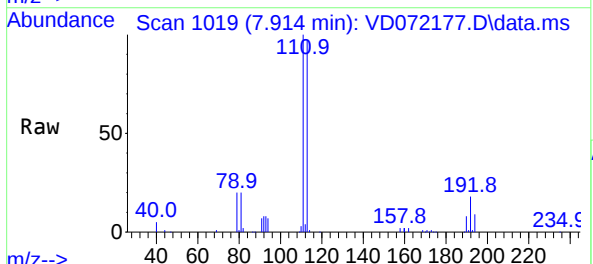
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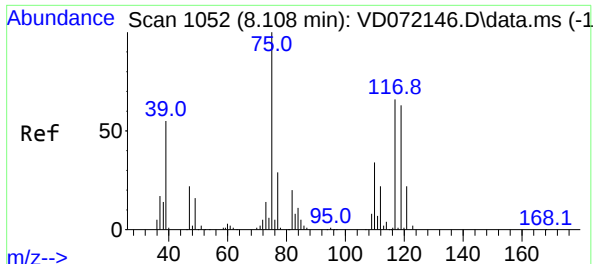
Tgt Ion:114 Resp: 592250
Ion Ratio Lower Upper
114 100
63 20.1 0.0 46.6
88 16.5 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.826 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD072177.D
Acq: 14 Mar 2022 19:46

Tgt Ion:113 Resp: 199323
Ion Ratio Lower Upper
113 100
111 101.5 83.8 125.6
192 18.8 14.6 21.8

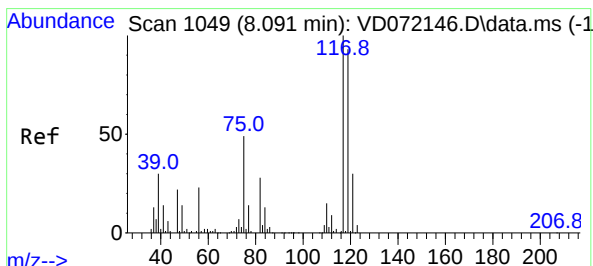
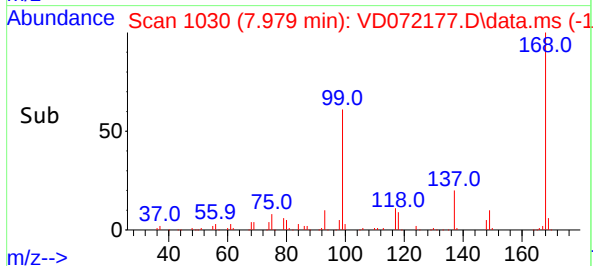
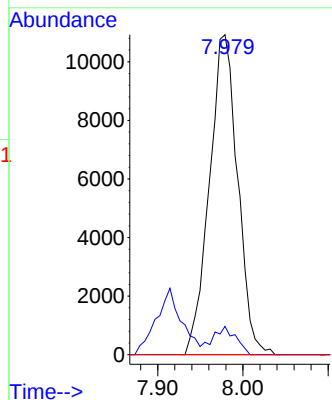
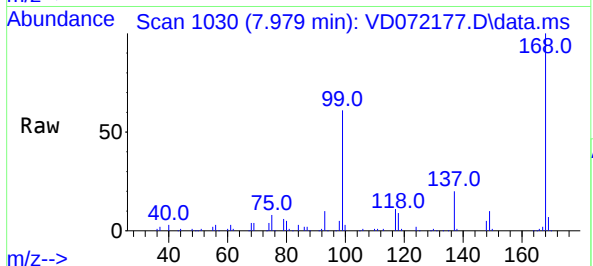




#36
1,1-Dichloropropene
Concen: 4.315 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.129 min
Lab File: VD072177.D
Acq: 14 Mar 2022 19:46

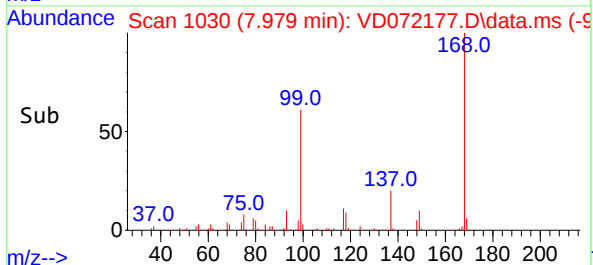
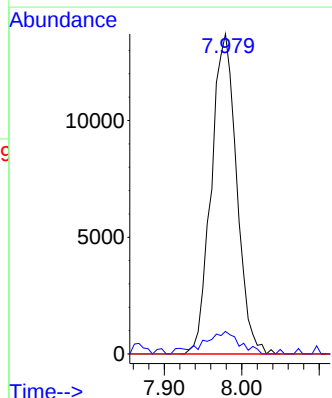
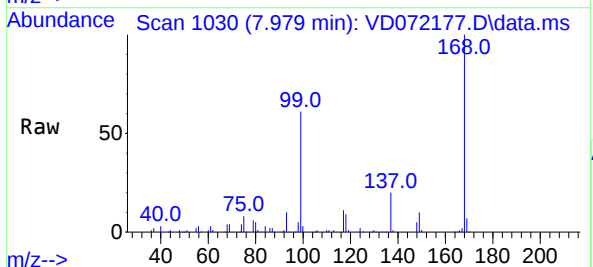
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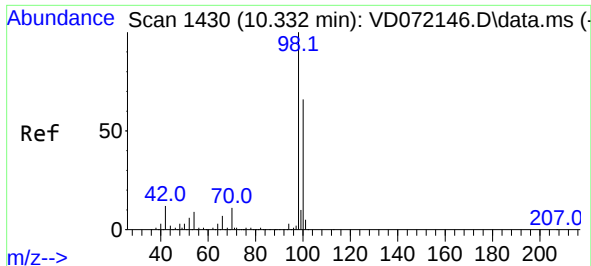
Tgt Ion: 75 Resp: 25230
Ion Ratio Lower Upper
75 100
110 7.2 16.4 49.1#
77 0.0 24.2 36.2#



#38
Carbon Tetrachloride
Concen: 4.701 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.112 min
Lab File: VD072177.D
Acq: 14 Mar 2022 19:46

Tgt Ion: 117 Resp: 31246
Ion Ratio Lower Upper
117 100
119 5.7 75.8 113.6#
121 0.0 24.5 36.7#

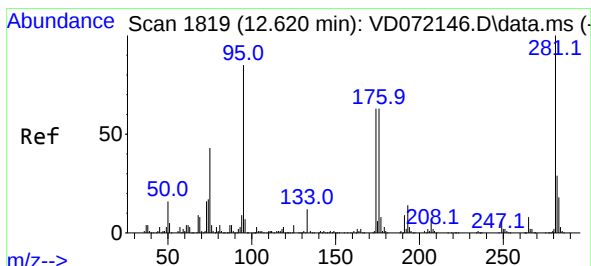
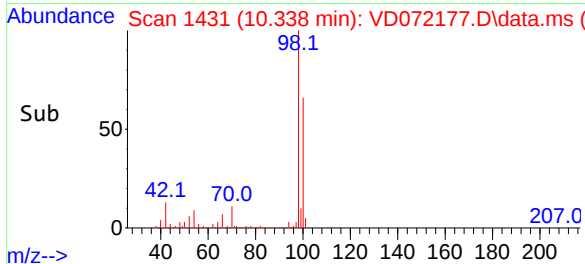
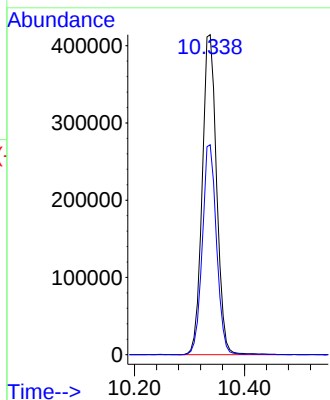
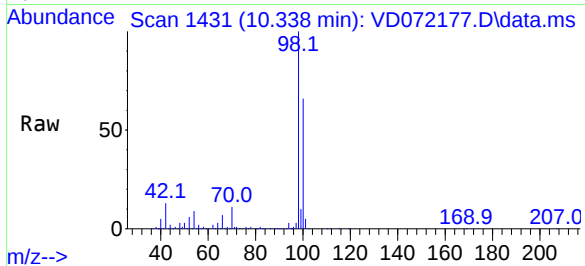




#50
Toluene-d8
Concen: 49.405 ug/l
RT: 10.338 min Scan# 14
Delta R.T. 0.006 min
Lab File: VD072177.D
Acq: 14 Mar 2022 19:46

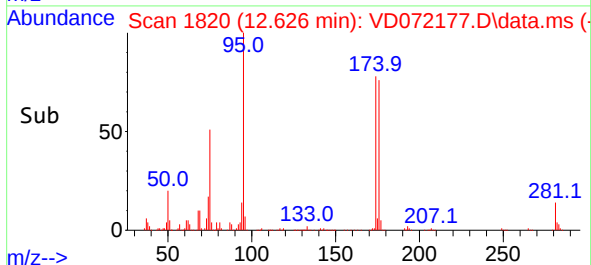
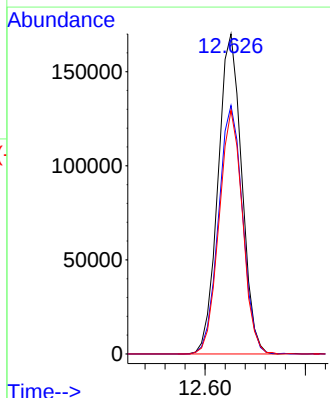
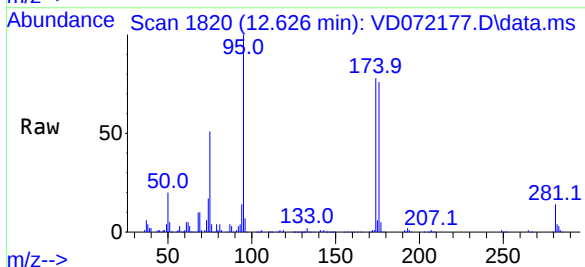
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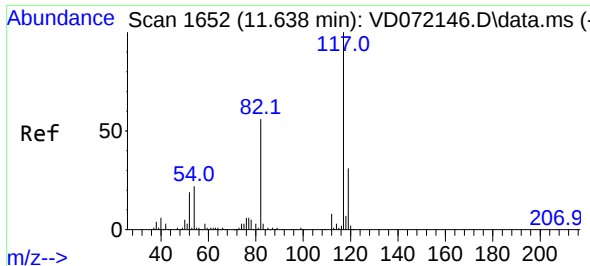
Tgt Ion: 98 Resp: 752895
Ion Ratio Lower Upper
98 100
100 64.6 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 47.148 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072177.D
Acq: 14 Mar 2022 19:46

Tgt Ion: 95 Resp: 279176
Ion Ratio Lower Upper
95 100
174 78.8 0.0 152.8
176 75.0 0.0 145.4

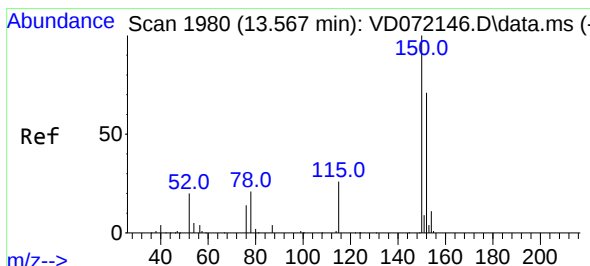
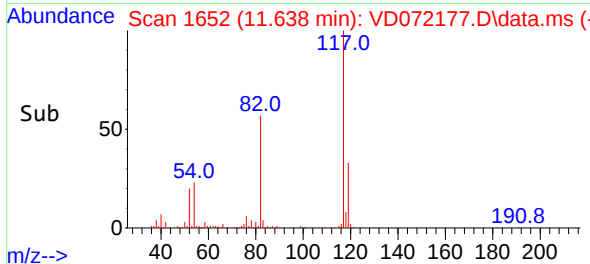
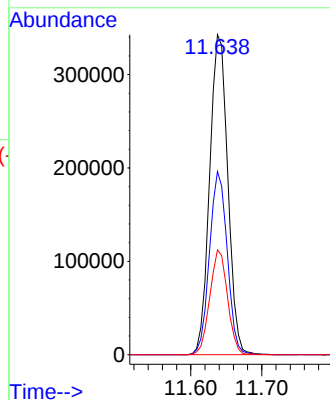
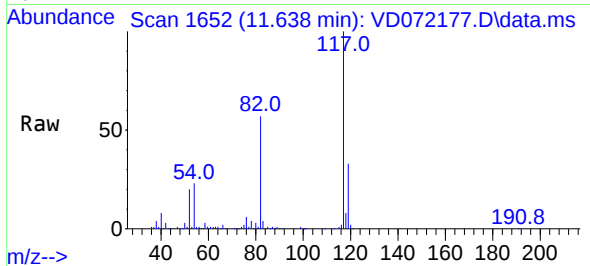




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD072177.D
Acq: 14 Mar 2022 19:46

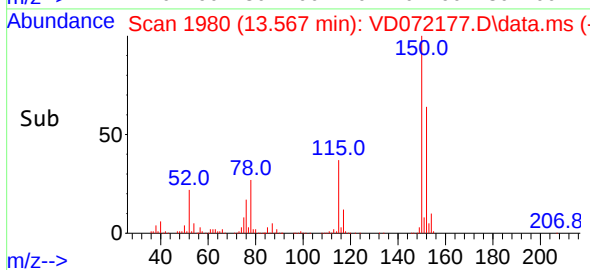
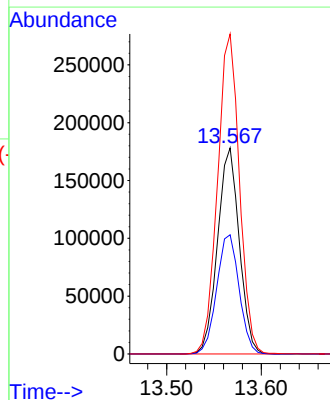
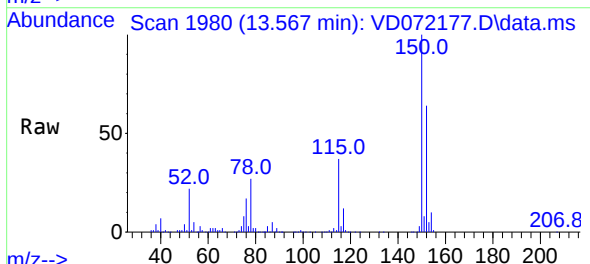
Instrument :
MSVOA_D
ClientSampleId :
SS-3(PILE-3)

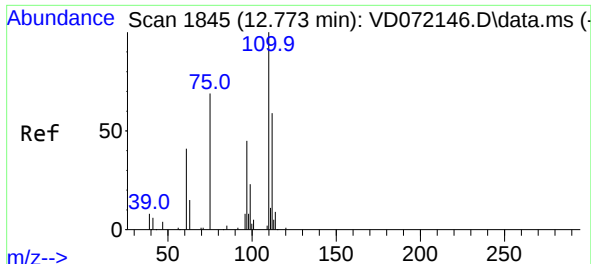
Tgt Ion:117 Resp: 607985
Ion Ratio Lower Upper
117 100
82 57.2 45.3 67.9
119 32.8 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD072177.D
Acq: 14 Mar 2022 19:46

Tgt Ion:152 Resp: 284017
Ion Ratio Lower Upper
152 100
115 59.7 31.3 93.8
150 156.6 0.0 348.6

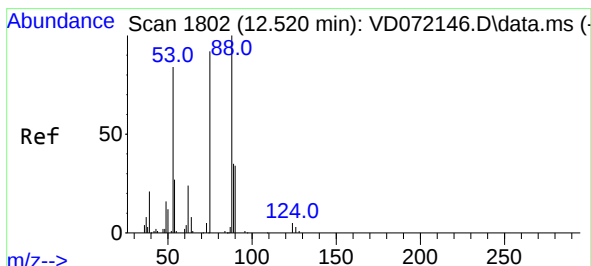
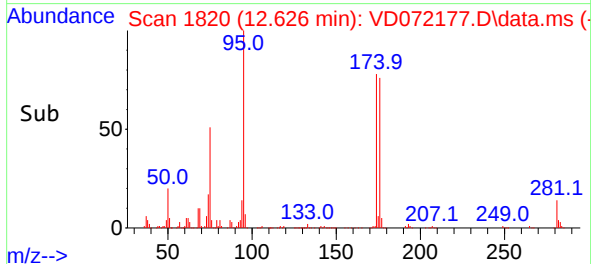
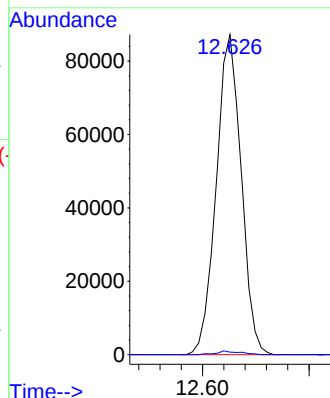
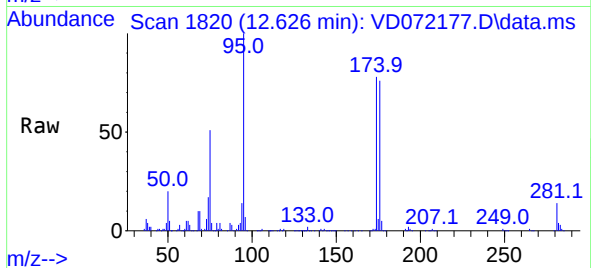




#76
1,2,3-Trichloropropane
Concen: 45.210 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD072177.D
Acq: 14 Mar 2022 19:46

Instrument :
MSVOA_D
ClientSampleId :
SS-3(PILE-3)

Tgt Ion: 75 Resp: 141641
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 112.171 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD072177.D
Acq: 14 Mar 2022 19:46

Tgt Ion: 75 Resp: 141641
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.3 33.9 50.9#

