

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081321\
 Data File : VD070056.D
 Acq On : 13 Aug 2021 18:12
 Operator : VA/SY
 Sample : M3368-13
 Misc : 5.42G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-06-0205

Quant Time: Aug 14 02:52:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

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

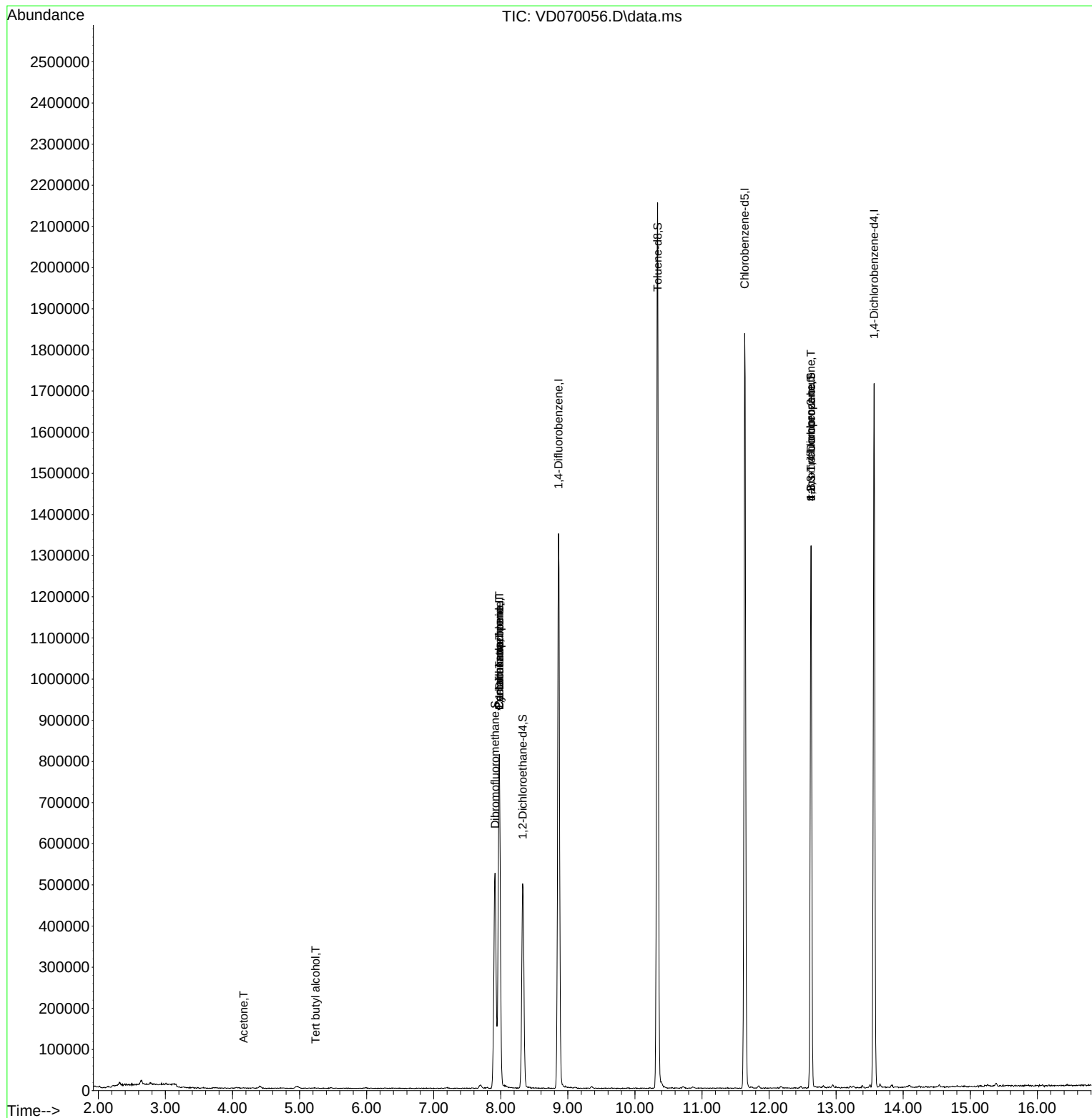
Internal Standards						
1) Pentafluorobenzene	7.979	168	566769	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1135518	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1067720	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	443178	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	397395	59.614	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.220%	
35) Dibromofluoromethane	7.914	113	389663	53.115	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.240%	
50) Toluene-d8	10.338	98	1466881	51.409	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.820%	
62) 4-Bromofluorobenzene	12.626	95	448253	47.695	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 95.400%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.985	85	1205	Below Cal	88	
3) Chloromethane	2.209	50	2162	Below Cal	98	
5) Bromomethane	2.773	94	3235	Below Cal	97	
11) Tert butyl alcohol	5.238	59	586	1.590 ug/l	#	71
16) Acetone	4.167	43	1827	1.488 ug/l	#	41
20) Methylene Chloride	4.967	84	2121	Below Cal	#	85
31) Cyclohexane	7.979	56	13979	1.059 ug/l	#	1
36) 1,1-Dichloropropene	7.979	75	52454	4.294 ug/l	#	49
38) Carbon Tetrachloride	7.979	117	60054	5.415 ug/l	#	14
76) 1,2,3-Trichloropropane	12.626	75	217666	48.430 ug/l	#	1
81) trans-1,4-Dichloro-2-b...	12.626	75	217666	125.707 ug/l	#	18

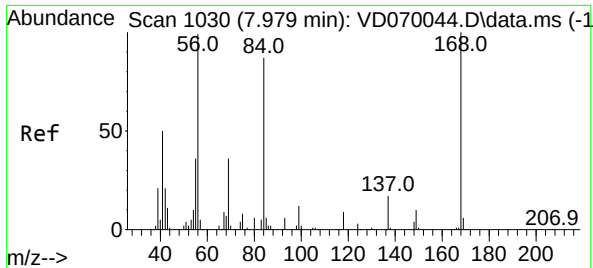
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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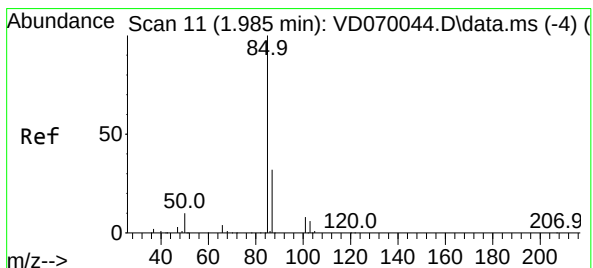
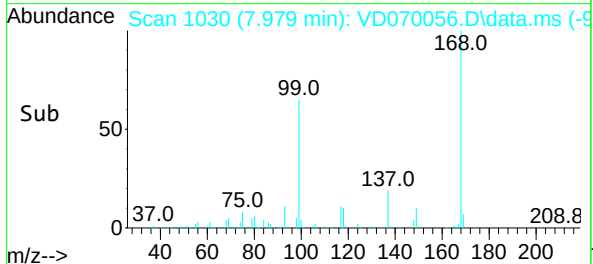
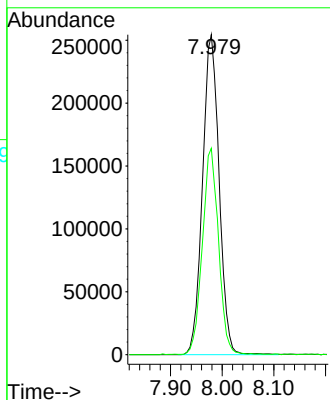
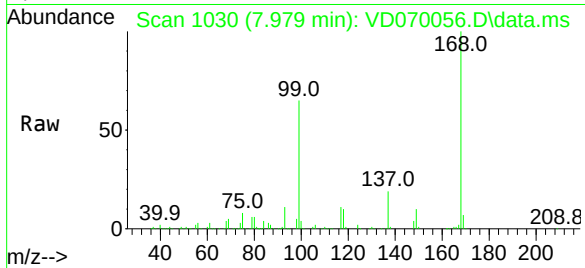




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070056.D
Acq: 13 Aug 2021 18:12

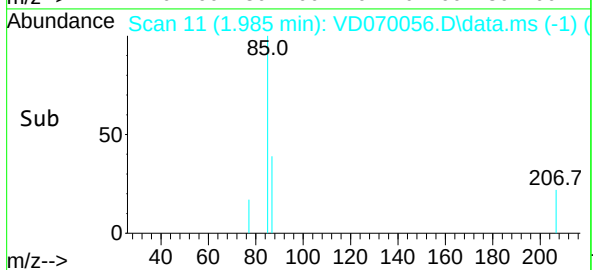
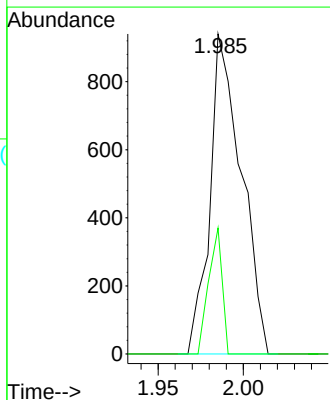
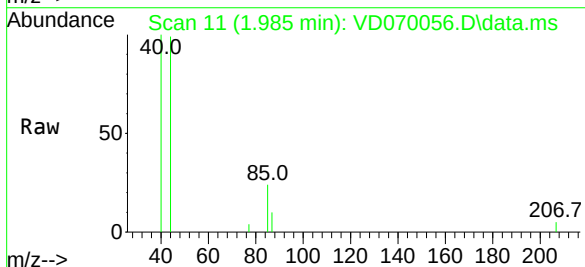
Instrument :
MSVOA_D
ClientSampleId :
SWCS-06-0205

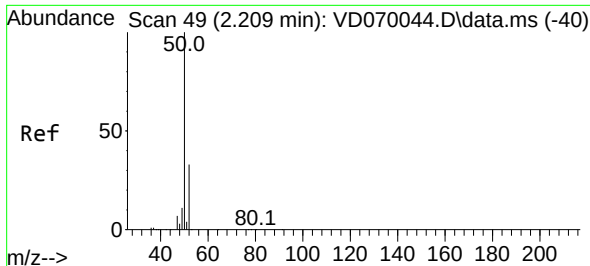
Tgt Ion:168 Resp: 566769
Ion Ratio Lower Upper
168 100
99 64.4 50.3 75.5



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.985 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD070056.D
Acq: 13 Aug 2021 18:12

Tgt Ion: 85 Resp: 1205
Ion Ratio Lower Upper
85 100
87 39.4 16.2 48.6

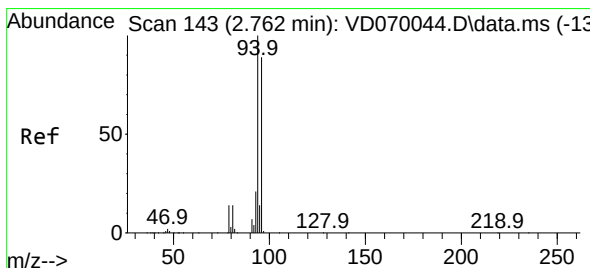
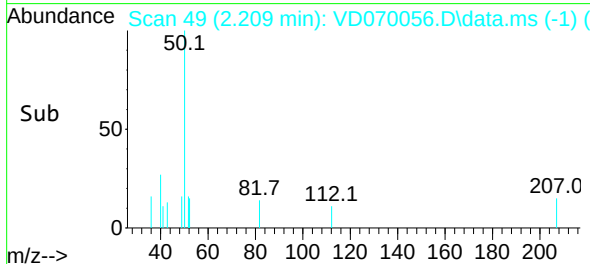
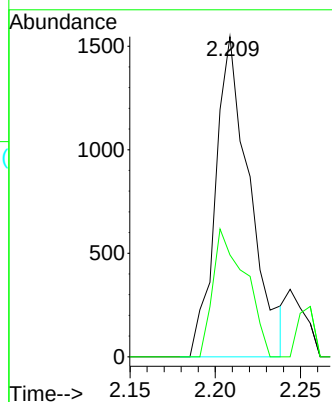
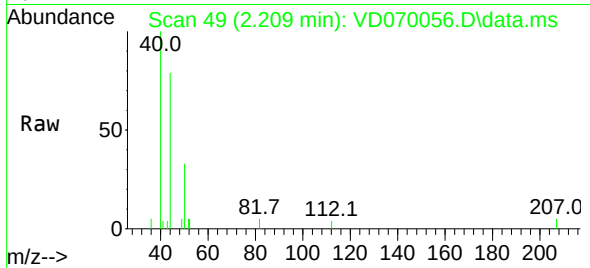




#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070056.D
Acq: 13 Aug 2021 18:12

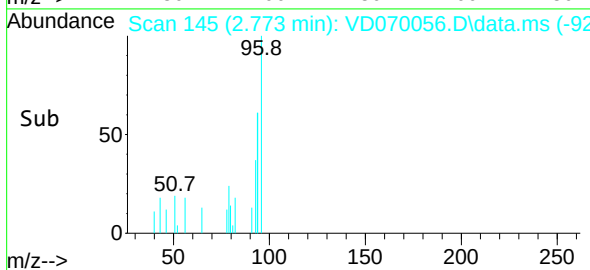
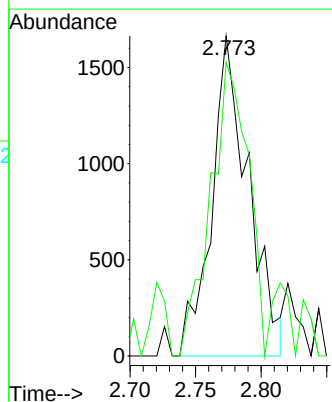
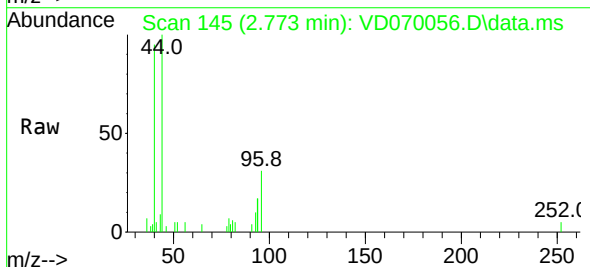
Instrument :
MSVOA_D
ClientSampleId :
SWCS-06-0205

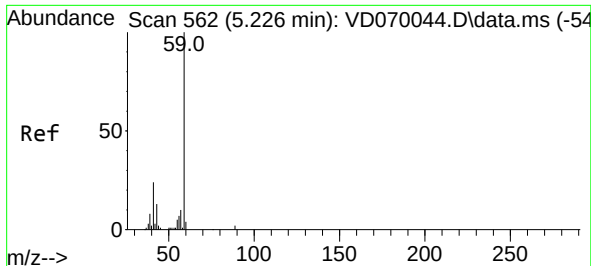
Tgt Ion: 50 Resp: 2162
Ion Ratio Lower Upper
50 100
52 31.8 26.3 39.5



#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 145
Delta R.T. 0.011 min
Lab File: VD070056.D
Acq: 13 Aug 2021 18:12

Tgt Ion: 94 Resp: 3235
Ion Ratio Lower Upper
94 100
96 91.8 70.9 106.3



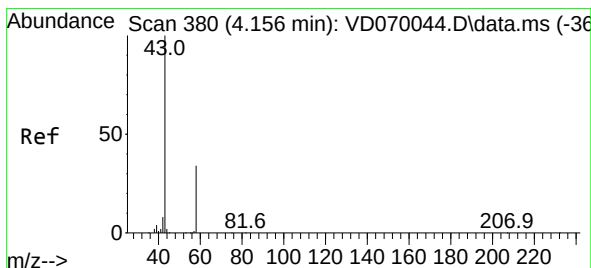
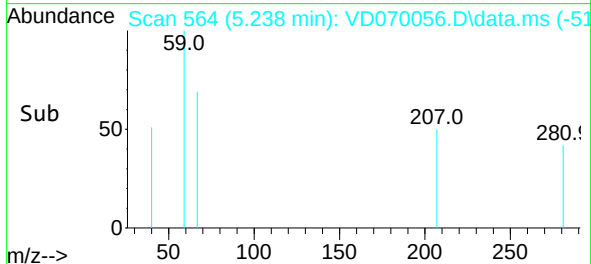
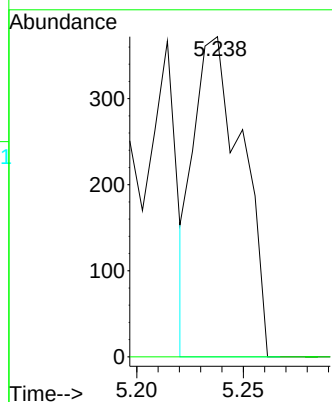
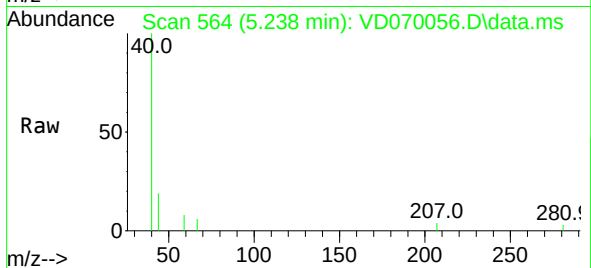


#11

Tert butyl alcohol
Concen: 1.590 ug/l
RT: 5.238 min Scan# 564
Delta R.T. 0.012 min
Lab File: VD070056.D
Acq: 13 Aug 2021 18:12

Instrument :
MSVOA_D
ClientSampleId :
SWCS-06-0205

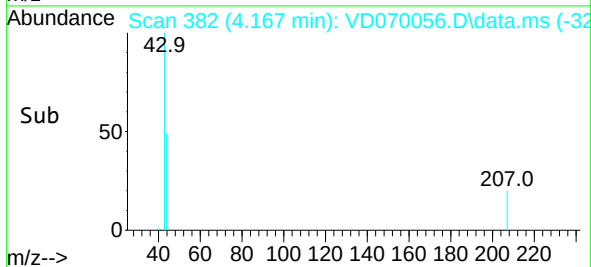
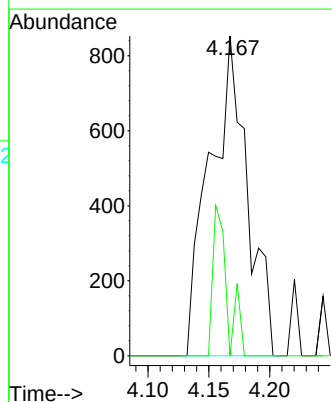
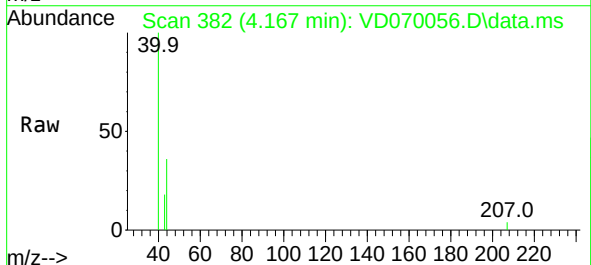
Tgt Ion: 59 Resp: 586
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#

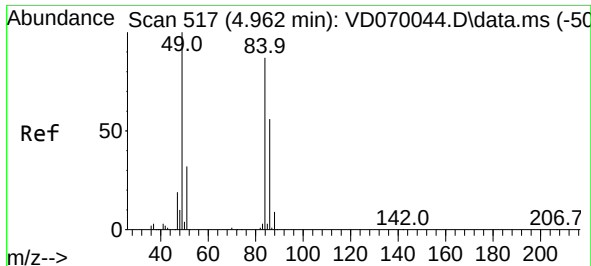


#16

Acetone
Concen: 1.488 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD070056.D
Acq: 13 Aug 2021 18:12

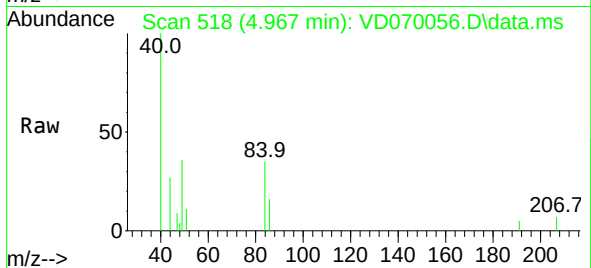
Tgt Ion: 43 Resp: 1827
Ion Ratio Lower Upper
43 100
58 0.0 26.8 40.2#



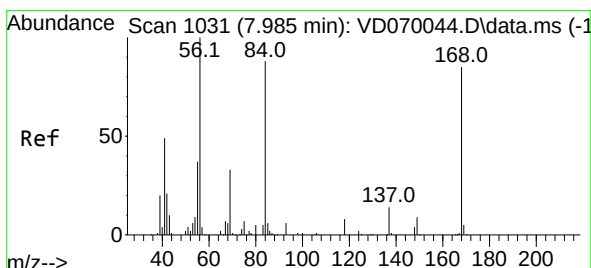
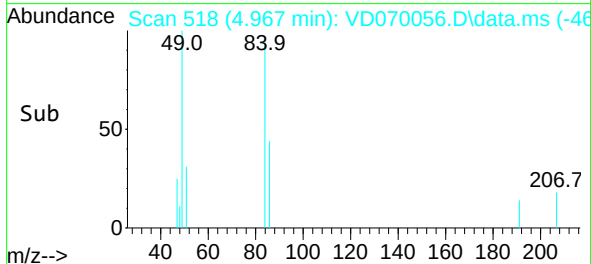
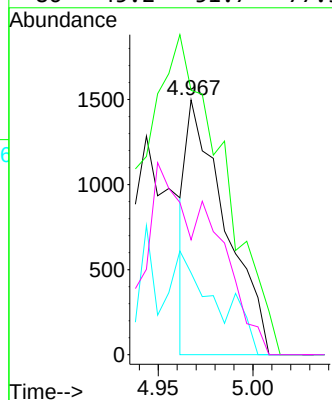


#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.005 min
Lab File: VD070056.D
Acq: 13 Aug 2021 18:12

Instrument :
MSVOA_D
ClientSampleId :
SWCS-06-0205

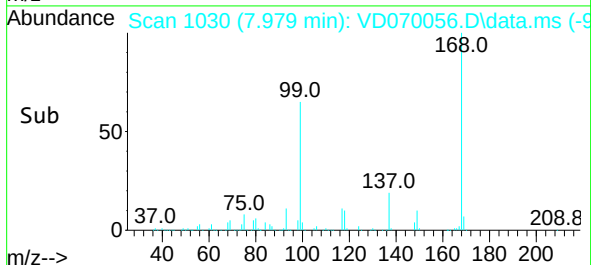
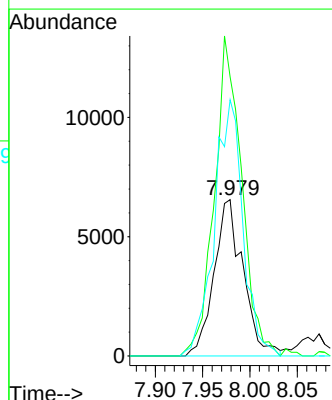
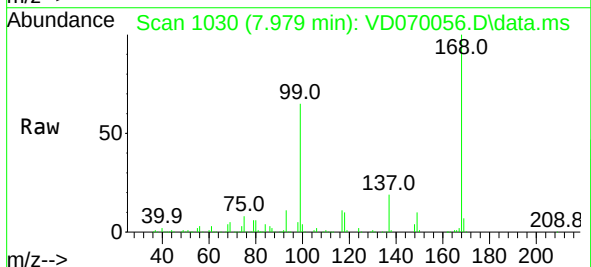


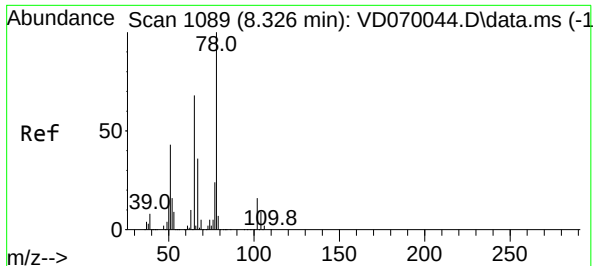
Tgt Ion:	84	Resp:	2121
Ion	Ratio	Lower	Upper
84	100		
49	103.8	92.5	138.7
51	32.1	29.7	44.5
86	45.2	51.7	77.5#



#31
Cyclohexane
Concen: 1.059 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070056.D
Acq: 13 Aug 2021 18:12

Tgt Ion:	56	Resp:	13979
Ion	Ratio	Lower	Upper
56	100		
69	178.5	26.7	40.1#
84	163.8	70.4	105.6#

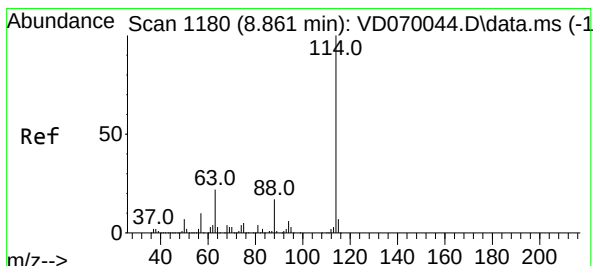
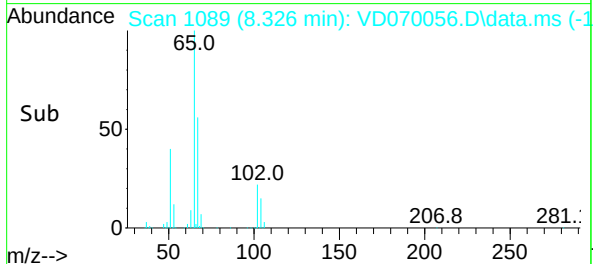
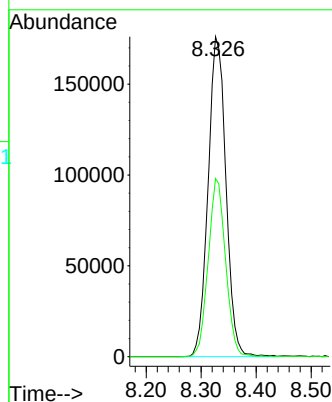
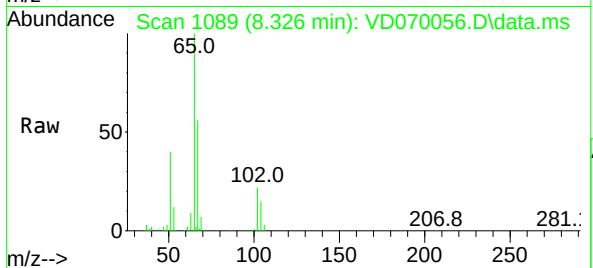




#33
1,2-Dichloroethane-d4
Concen: 59.614 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070056.D
Acq: 13 Aug 2021 18:12

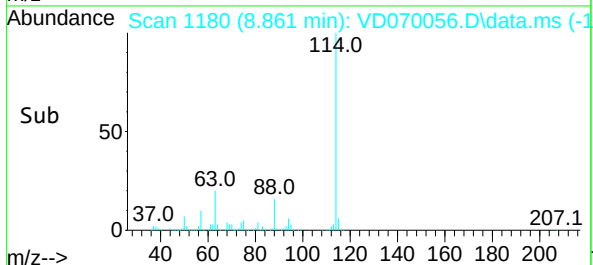
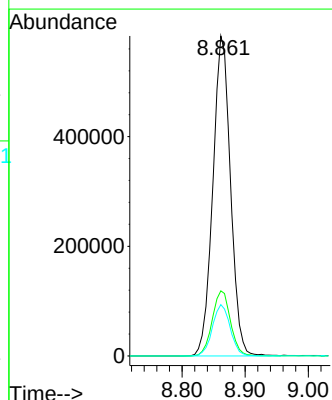
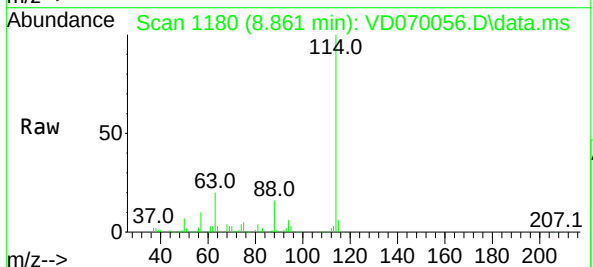
Instrument :
MSVOA_D
ClientSampleId :
SWCS-06-0205

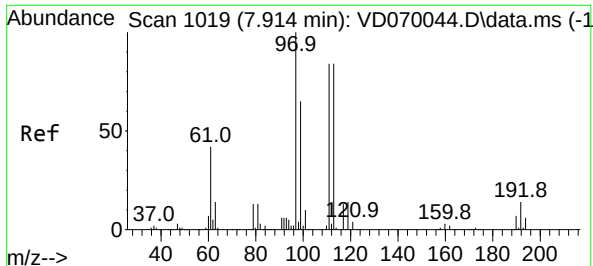
Tgt Ion: 65 Resp: 397395
Ion Ratio Lower Upper
65 100
67 54.1 0.0 107.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070056.D
Acq: 13 Aug 2021 18:12

Tgt Ion: 114 Resp: 1135518
Ion Ratio Lower Upper
114 100
63 20.4 0.0 43.6
88 16.0 0.0 33.4

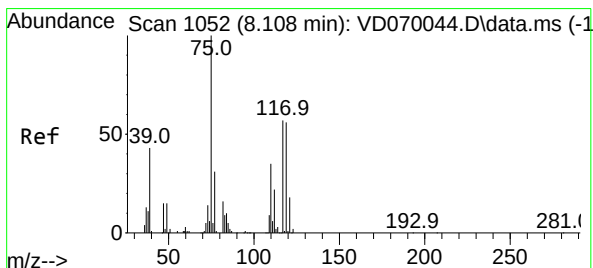
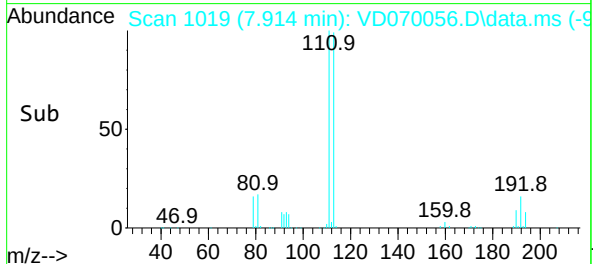
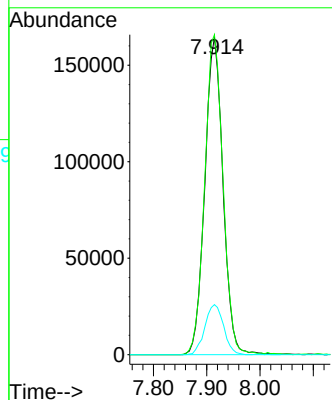
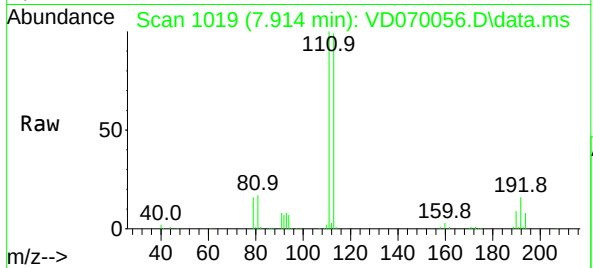




#35
Dibromofluoromethane
Concen: 53.115 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070056.D
Acq: 13 Aug 2021 18:12

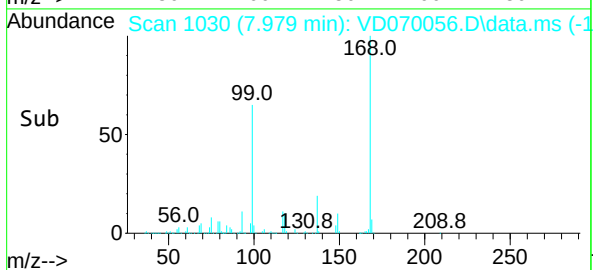
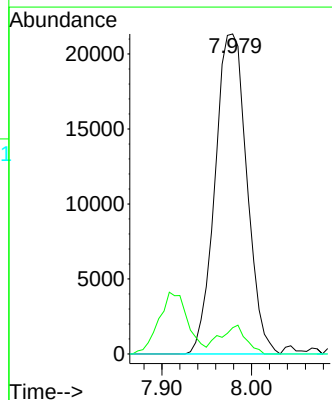
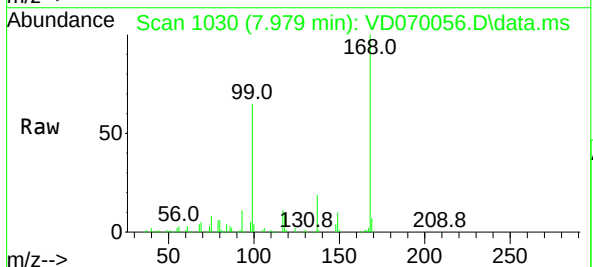
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MSVOA_D
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SWCS-06-0205

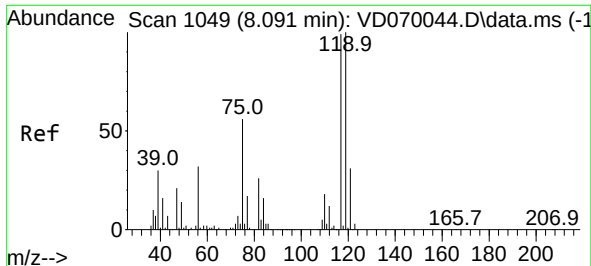
Tgt Ion:113 Resp: 389663
Ion Ratio Lower Upper
113 100
111 101.5 81.8 122.6
192 16.3 13.2 19.8



#36
1,1-Dichloropropene
Concen: 4.294 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.130 min
Lab File: VD070056.D
Acq: 13 Aug 2021 18:12

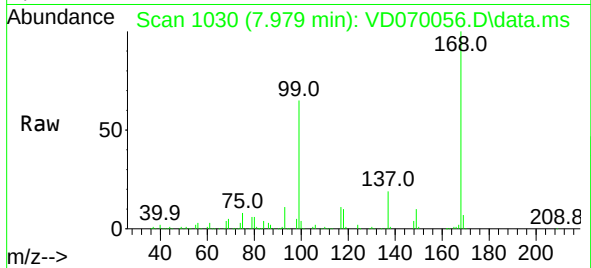
Tgt Ion: 75 Resp: 52454
Ion Ratio Lower Upper
75 100
110 7.4 16.9 50.7#
77 0.0 25.2 37.8#



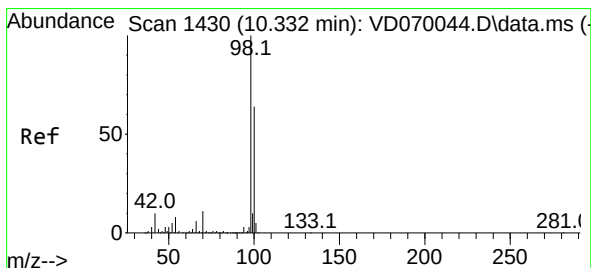
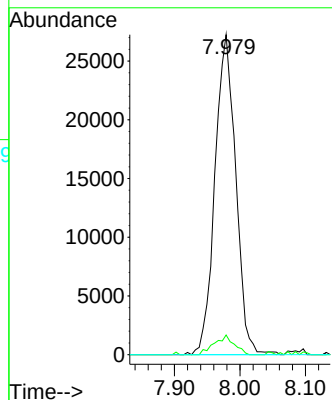
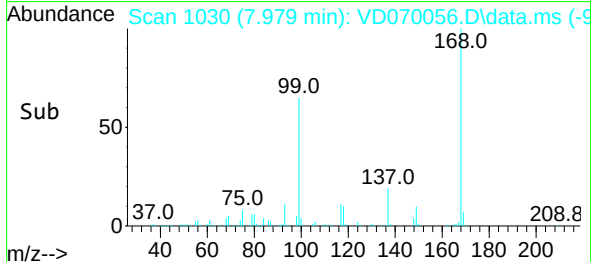


#38
Carbon Tetrachloride
Concen: 5.415 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.112 min
Lab File: VD070056.D
Acq: 13 Aug 2021 18:12

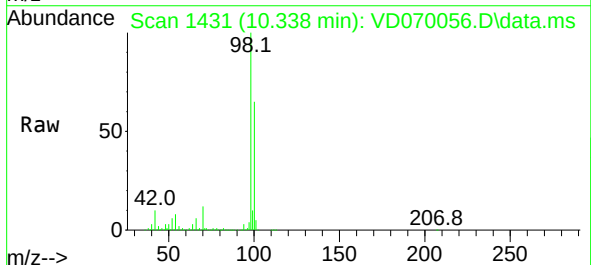
Instrument :
MSVOA_D
ClientSampleId :
SWCS-06-0205



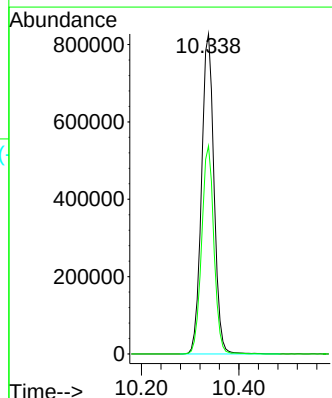
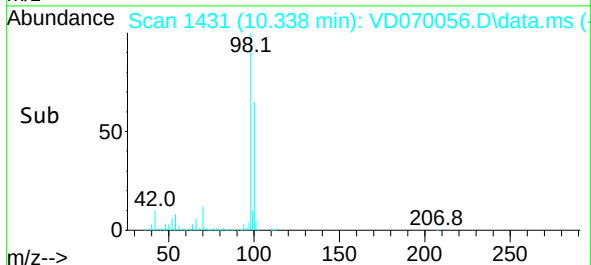
Tgt Ion:117 Resp: 60054
Ion Ratio Lower Upper
117 100
119 6.1 81.0 121.6#
121 0.0 25.0 37.6#

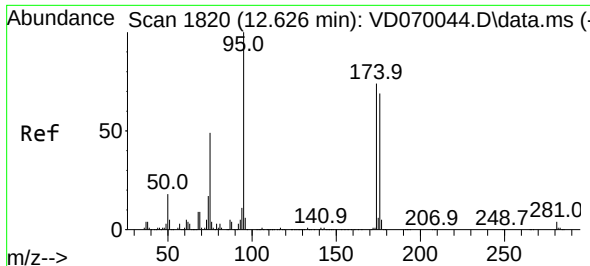


#50
Toluene-d8
Concen: 51.409 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070056.D
Acq: 13 Aug 2021 18:12



Tgt Ion: 98 Resp: 1466881
Ion Ratio Lower Upper
98 100
100 64.1 52.6 78.8

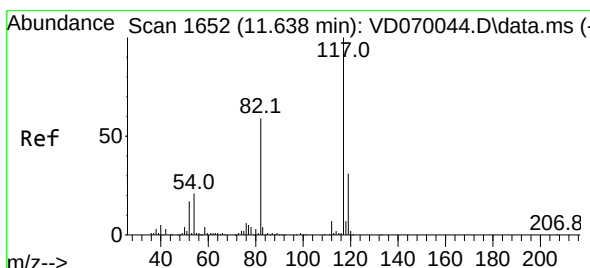
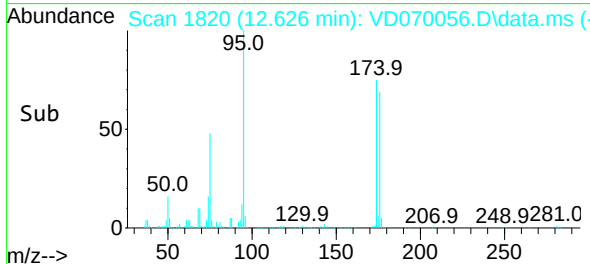
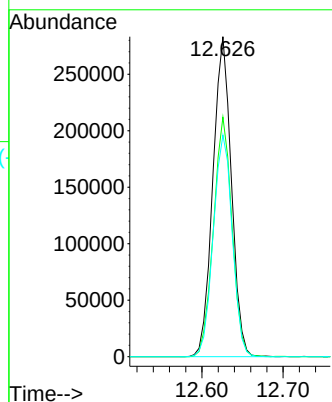
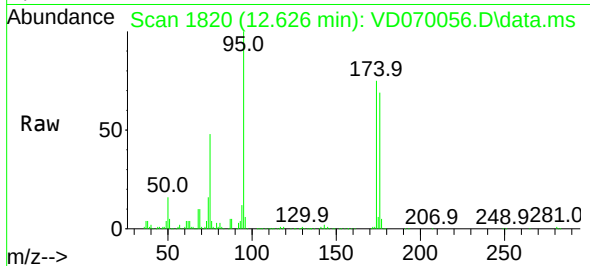




#62
4-Bromofluorobenzene
Concen: 47.695 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070056.D
Acq: 13 Aug 2021 18:12

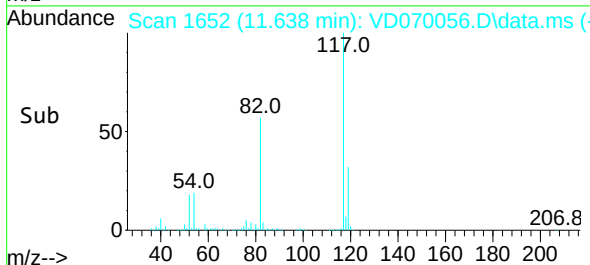
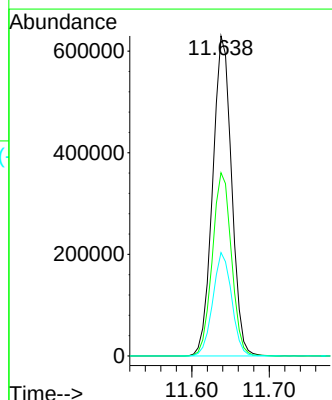
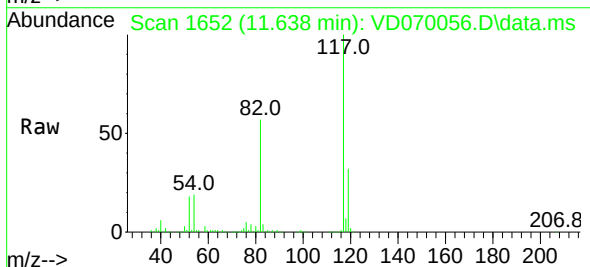
Instrument :
MSVOA_D
ClientSampleId :
SWCS-06-0205

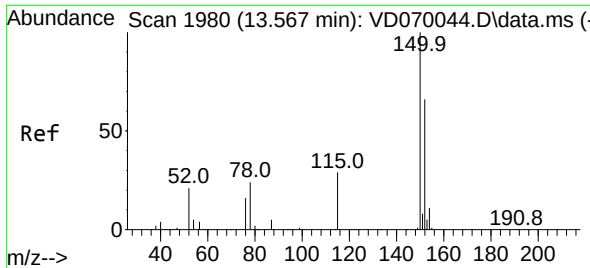
Tgt Ion: 95 Resp: 448253
Ion Ratio Lower Upper
95 100
174 75.0 0.0 141.6
176 71.1 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070056.D
Acq: 13 Aug 2021 18:12

Tgt Ion: 117 Resp: 1067720
Ion Ratio Lower Upper
117 100
82 57.3 47.5 71.3
119 32.3 25.1 37.7

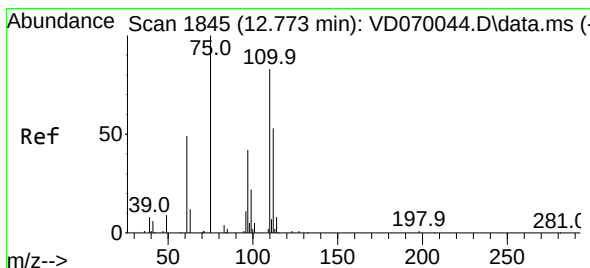
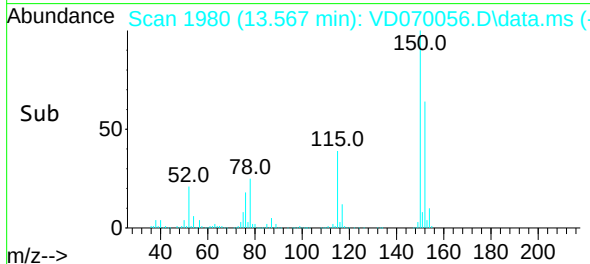
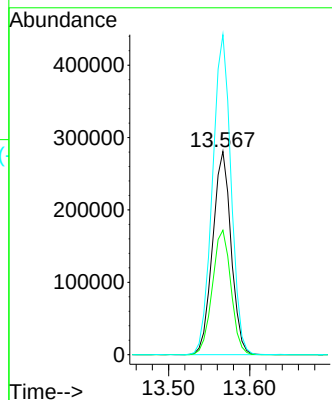
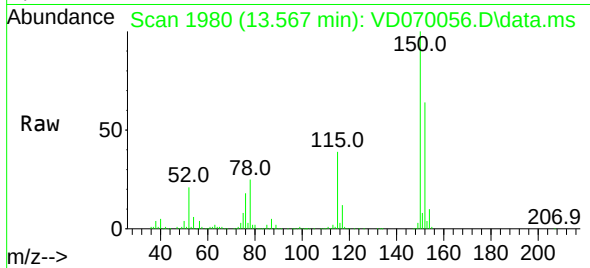




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070056.D
Acq: 13 Aug 2021 18:12

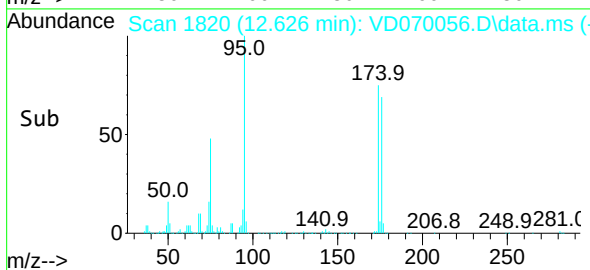
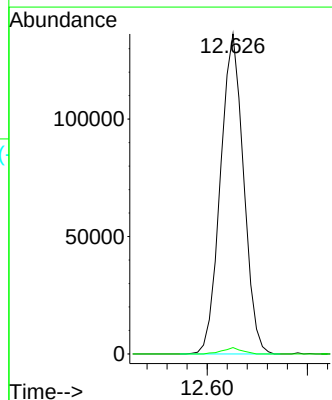
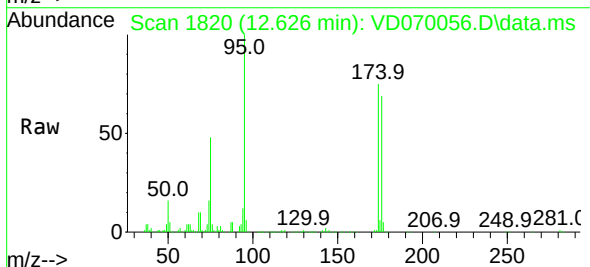
Instrument :
MSVOA_D
ClientSampleId :
SWCS-06-0205

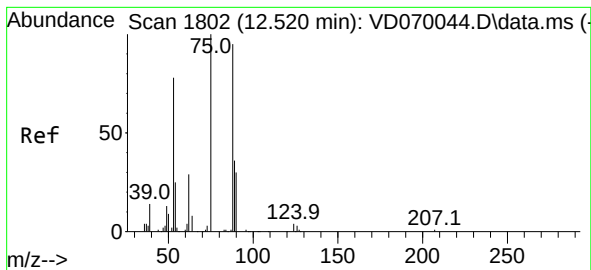
Tgt Ion:152 Resp: 443178
Ion Ratio Lower Upper
152 100
115 61.7 31.2 93.6
150 158.1 0.0 352.0



#76
1,2,3-Trichloropropane
Concen: 48.430 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070056.D
Acq: 13 Aug 2021 18:12

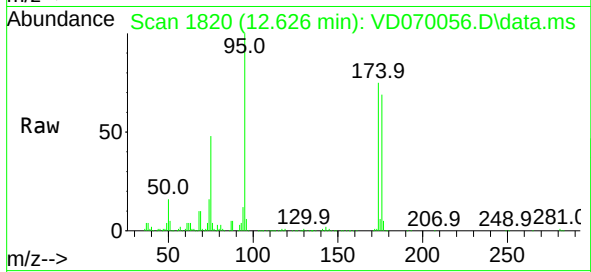
Tgt Ion: 75 Resp: 217666
Ion Ratio Lower Upper
75 100
77 1.7 182.4 547.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 125.707 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.106 min
 Lab File: VD070056.D
 Acq: 13 Aug 2021 18:12

Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-06-0205



Tgt Ion: 75 Resp: 217666
 Ion Ratio Lower Upper
 75 100
 53 0.2 64.5 96.7#
 89 0.0 33.7 50.5#

