

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081621\
 Data File : VD070070.D
 Acq On : 16 Aug 2021 16:48
 Operator : VA/SY
 Sample : M3368-21
 Misc : 3.24G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-04-0205

Quant Time: Aug 17 03:56:55 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)

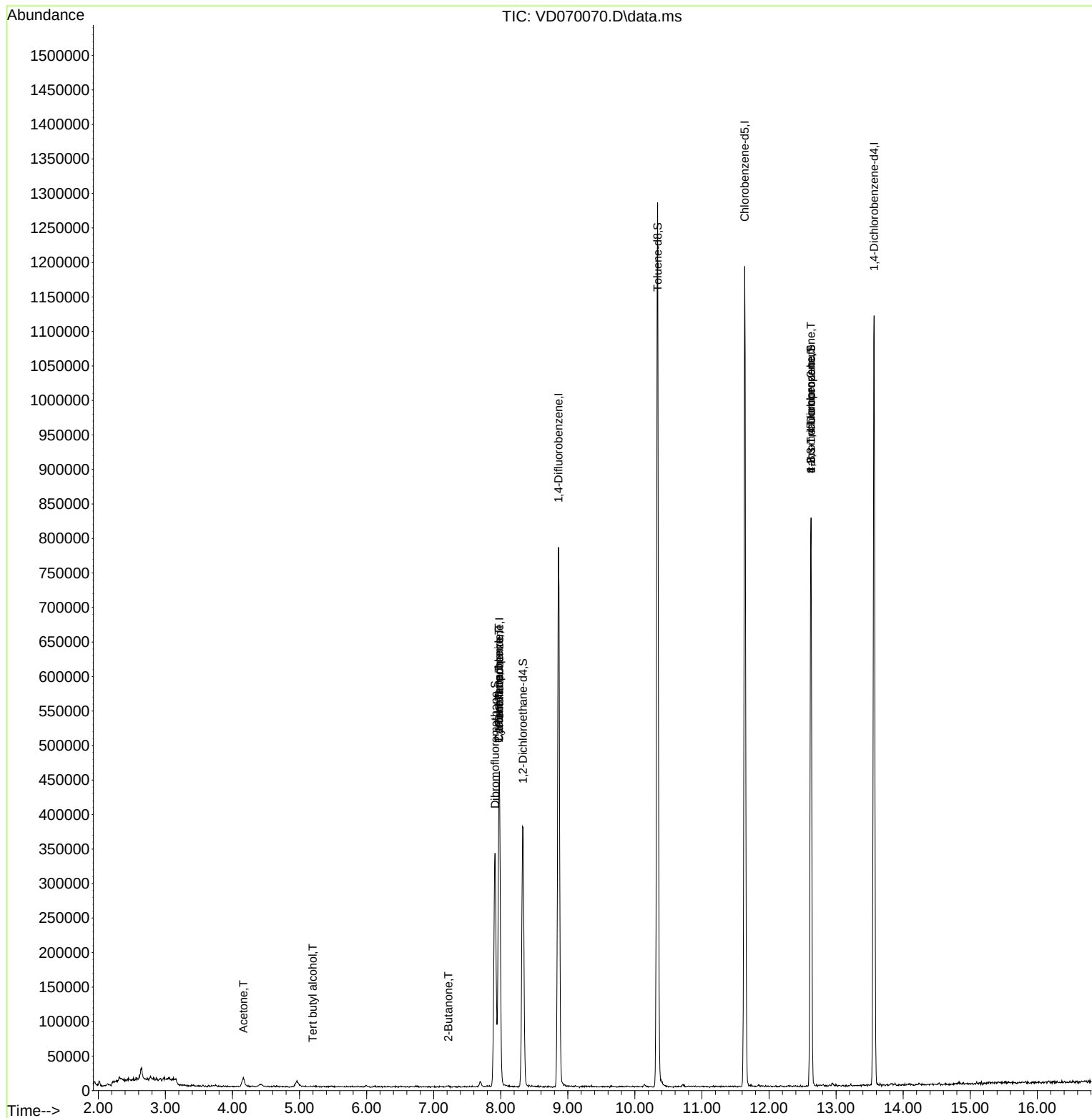
Internal Standards						
1) Pentafluorobenzene	7.979	168	323435	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	664817	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	684314	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	296543	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	299940	78.846	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 157.700%			
35) Dibromofluoromethane	7.914	113	248324	57.815	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 115.620%			
50) Toluene-d8	10.338	98	875690	52.418	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.840%			
62) 4-Bromofluorobenzene	12.626	95	295710	53.742	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 107.480%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	274	Below Cal	#	42
3) Chloromethane	2.209	50	1720	Below Cal	#	87
5) Bromomethane	2.773	94	3365	Below Cal	#	63
11) Tert butyl alcohol	5.197	59	1098	5.222 ug/l	#	71
16) Acetone	4.162	43	21749	31.035 ug/l	#	74
20) Methylene Chloride	4.956	84	4381	Below Cal	#	78
25) 2-Butanone	7.220	43	1112	1.161 ug/l	#	57
31) Cyclohexane	7.973	56	8125	1.079 ug/l	#	3
36) 1,1-Dichloropropene	7.973	75	29478	4.122 ug/l	#	49
38) Carbon Tetrachloride	7.973	117	35581	5.480 ug/l	#	14
76) 1,2,3-Trichloropropane	12.626	75	143903	47.850 ug/l	#	1
81) trans-1,4-Dichloro-2-b...	12.626	75	143903	124.202 ug/l	#	18

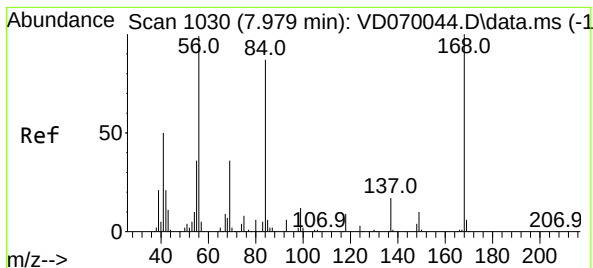
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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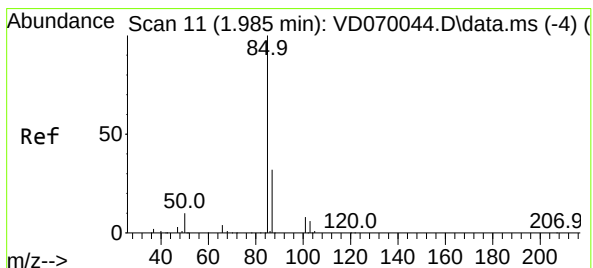
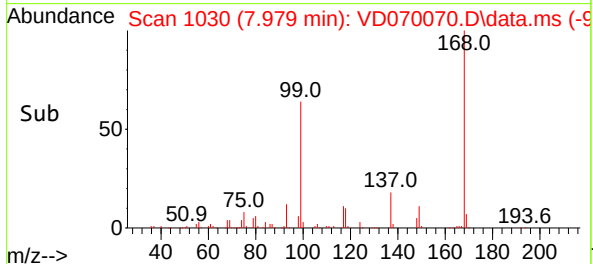
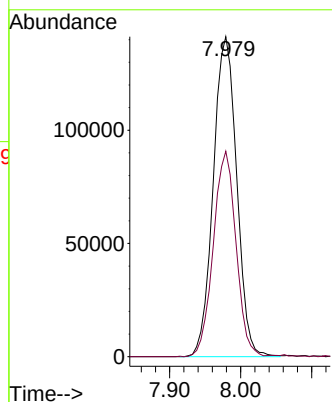
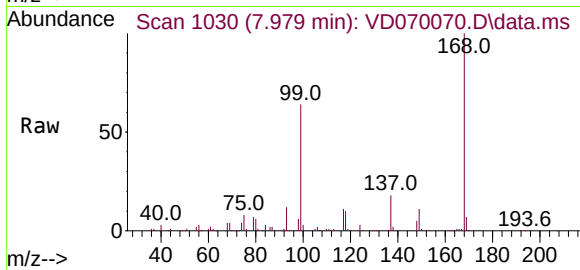




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070070.D
Acq: 16 Aug 2021 16:48

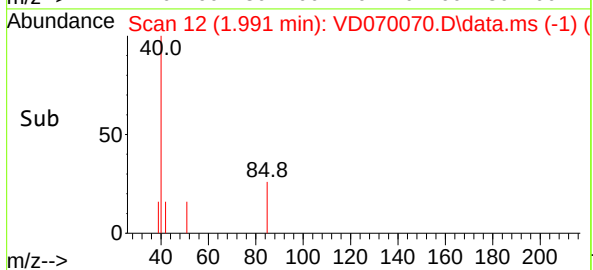
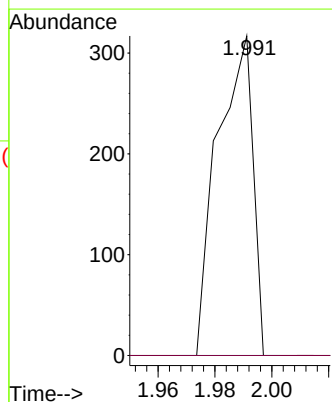
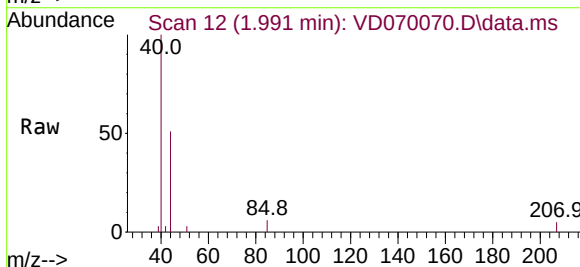
Instrument :
MSVOA_D
ClientSampleId :
SWCS-04-0205

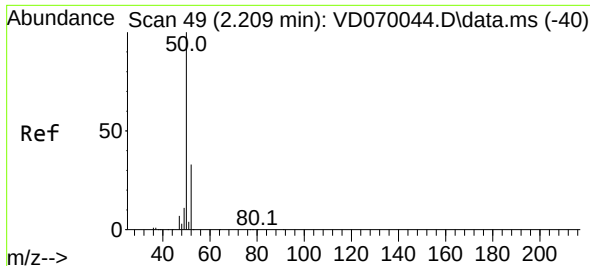
Tgt Ion:168 Resp: 323435
Ion Ratio Lower Upper
168 100
99 64.0 50.3 75.5



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.991 min Scan# 12
Delta R.T. 0.006 min
Lab File: VD070070.D
Acq: 16 Aug 2021 16:48

Tgt Ion: 85 Resp: 274
Ion Ratio Lower Upper
85 100
87 0.0 16.2 48.6#

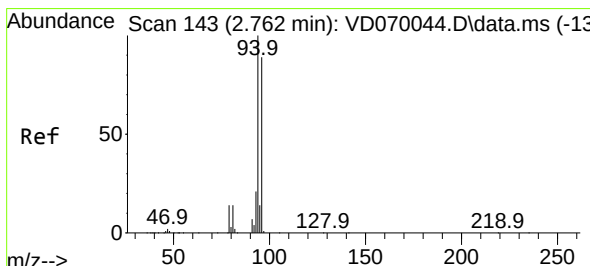
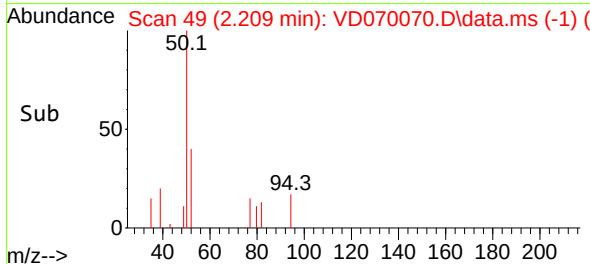
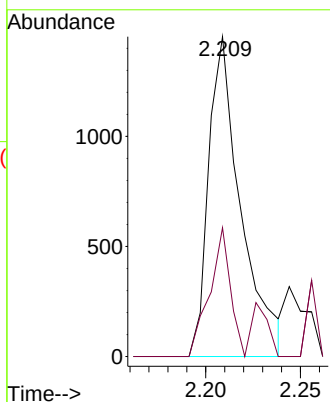
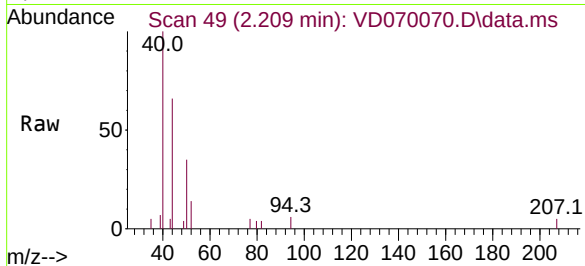




#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070070.D
Acq: 16 Aug 2021 16:48

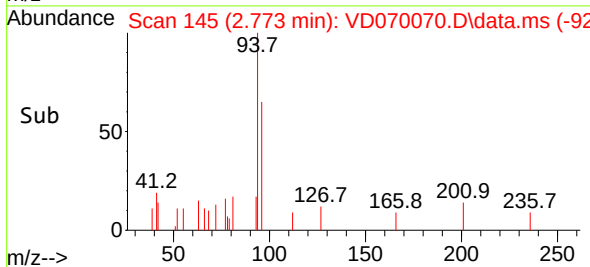
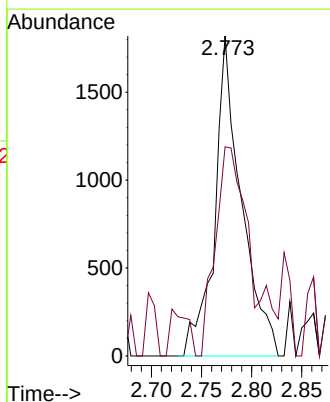
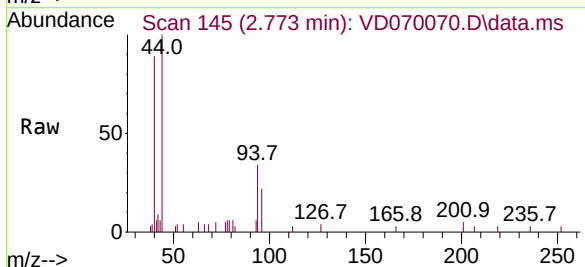
Instrument :
MSVOA_D
ClientSampleId :
SWCS-04-0205

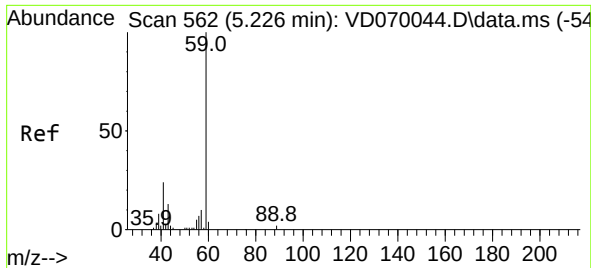
Tgt Ion: 50 Resp: 1720
Ion Ratio Lower Upper
50 100
52 40.3 26.3 39.5#



#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 145
Delta R.T. 0.011 min
Lab File: VD070070.D
Acq: 16 Aug 2021 16:48

Tgt Ion: 94 Resp: 3365
Ion Ratio Lower Upper
94 100
96 53.8 70.9 106.3#

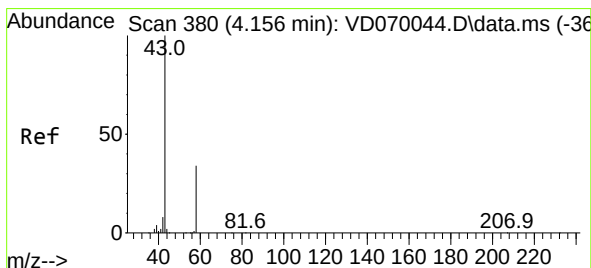
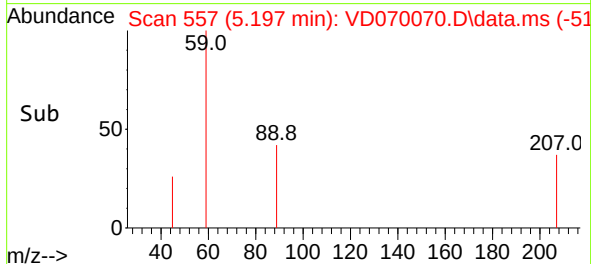
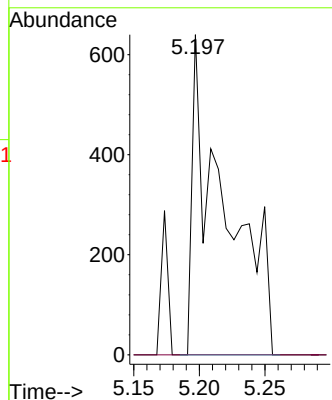
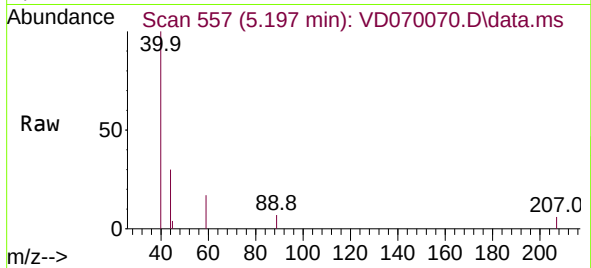




#11
Tert butyl alcohol
Concen: 5.222 ug/l
RT: 5.197 min Scan# 557
Delta R.T. -0.029 min
Lab File: VD070070.D
Acq: 16 Aug 2021 16:48

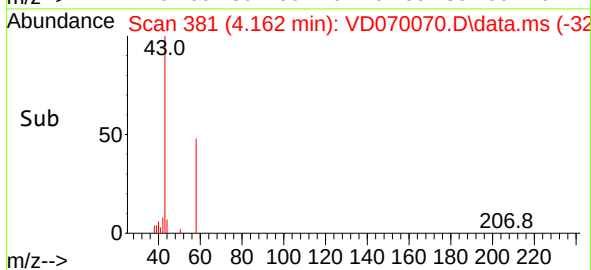
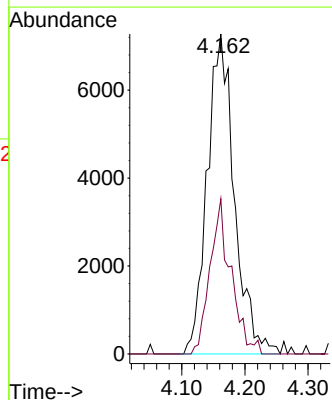
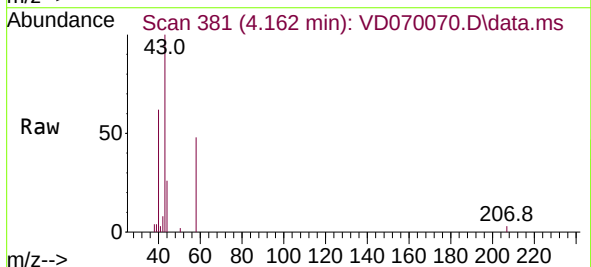
Instrument :
MSVOA_D
ClientSampleId :
SWCS-04-0205

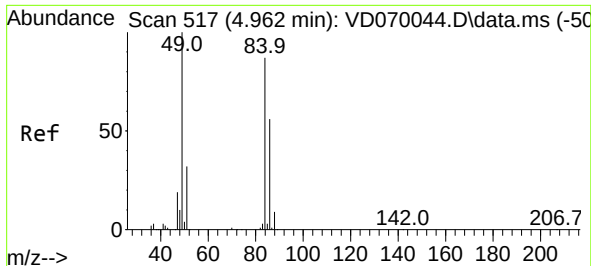
Tgt Ion: 59 Resp: 1098
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#



#16
Acetone
Concen: 31.035 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070070.D
Acq: 16 Aug 2021 16:48

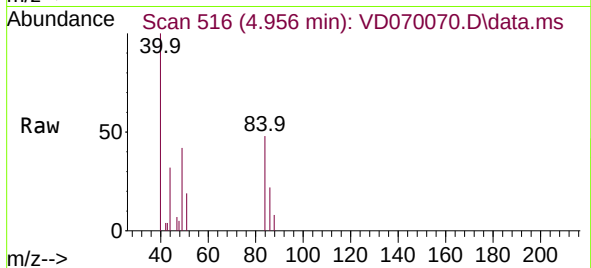
Tgt Ion: 43 Resp: 21749
Ion Ratio Lower Upper
43 100
58 48.5 26.8 40.2#



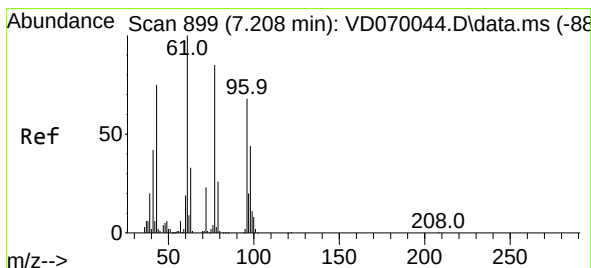
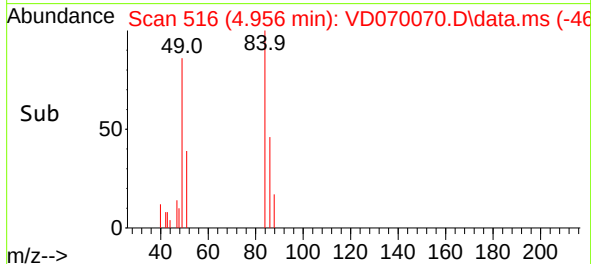
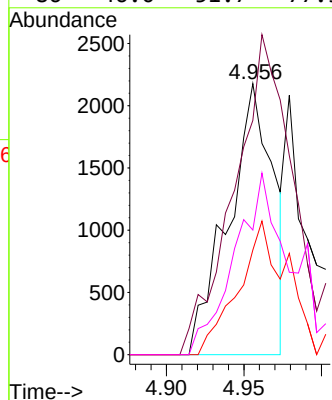


#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD070070.D
Acq: 16 Aug 2021 16:48

Instrument :
MSVOA_D
ClientSampleId :
SWCS-04-0205

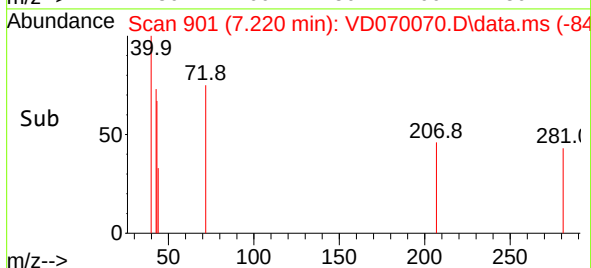
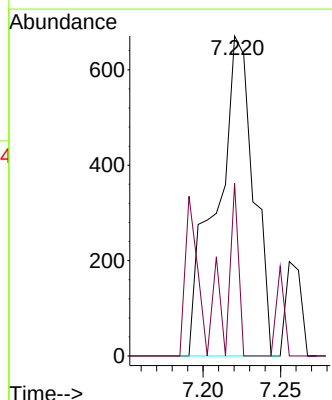
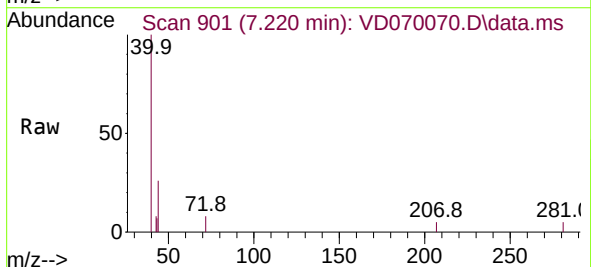


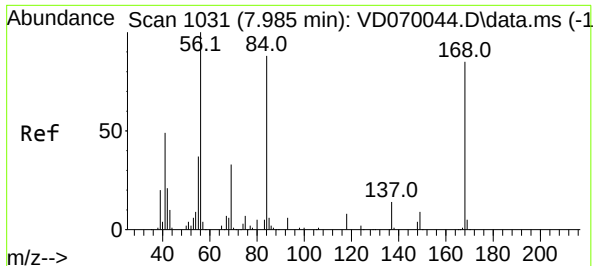
Tgt Ion:	84	Resp:	4381
Ion	Ratio	Lower	Upper
84	100		
49	86.4	92.5	138.7#
51	38.6	29.7	44.5
86	46.0	51.7	77.5#



#25
2-Butanone
Concen: 1.161 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.012 min
Lab File: VD070070.D
Acq: 16 Aug 2021 16:48

Tgt Ion:	43	Resp:	1112
Ion	Ratio	Lower	Upper
43	100		
72	53.9	24.2	36.4#

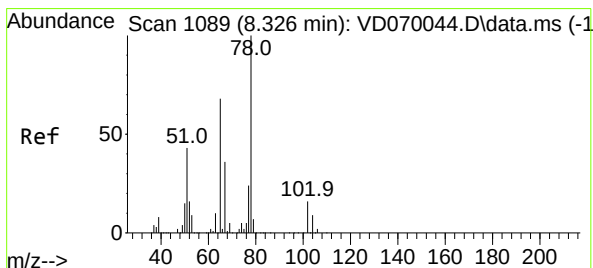
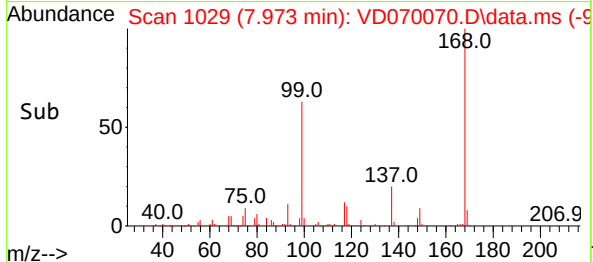
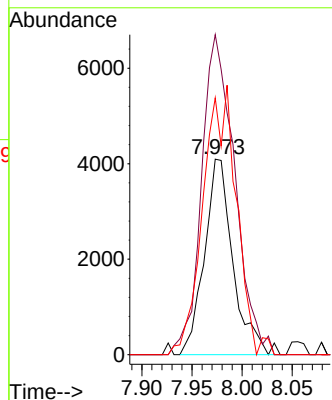
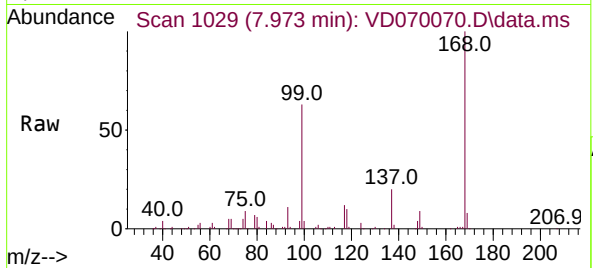




#31
Cyclohexane
Concen: 1.079 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD070070.D
Acq: 16 Aug 2021 16:48

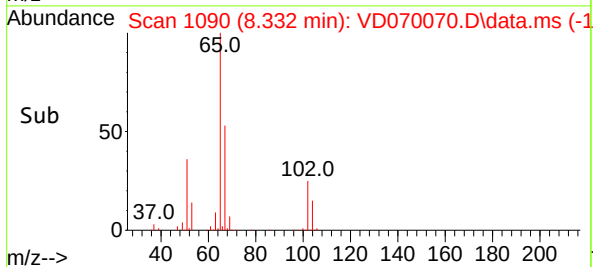
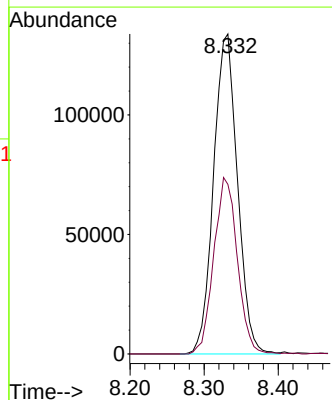
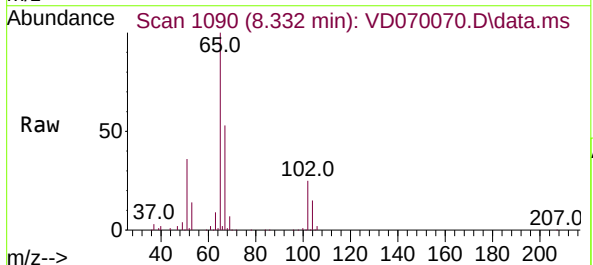
Instrument :
MSVOA_D
ClientSampleId :
SWCS-04-0205

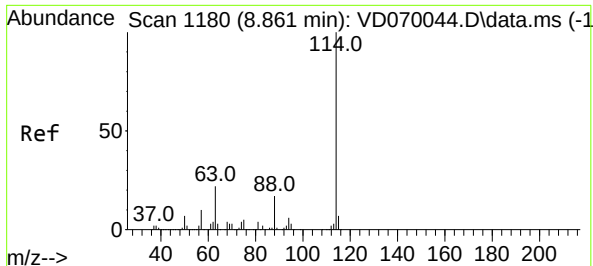
Tgt Ion: 56 Resp: 8125
Ion Ratio Lower Upper
56 100
69 163.6 26.7 40.1#
84 131.3 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 78.846 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD070070.D
Acq: 16 Aug 2021 16:48

Tgt Ion: 65 Resp: 299940
Ion Ratio Lower Upper
65 100
67 54.5 0.0 107.8

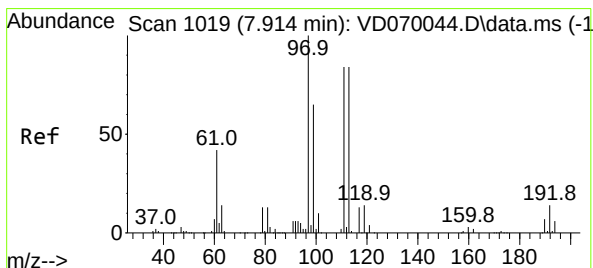
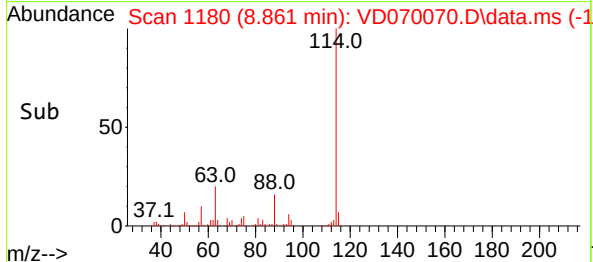
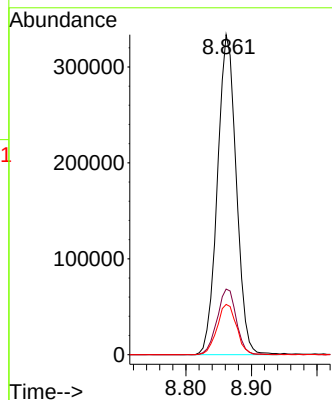
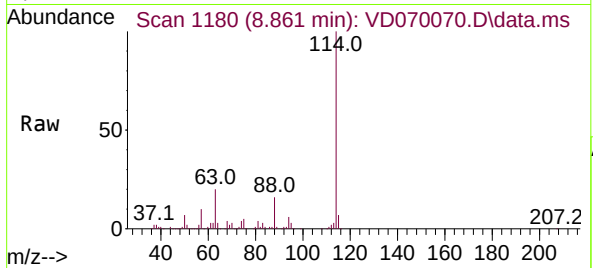




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070070.D
Acq: 16 Aug 2021 16:48

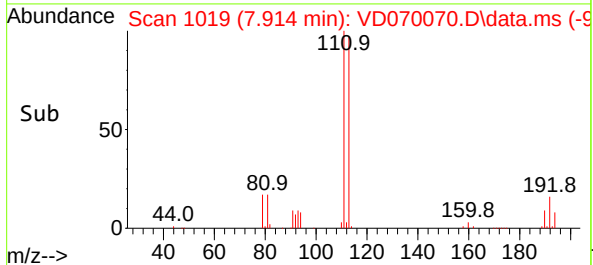
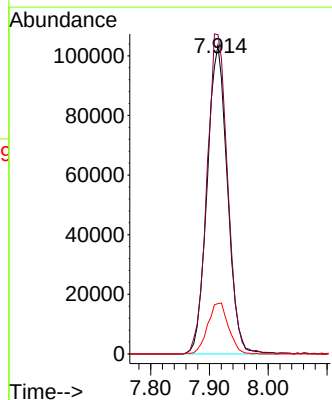
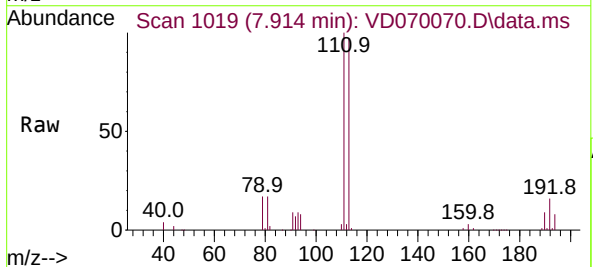
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SWCS-04-0205

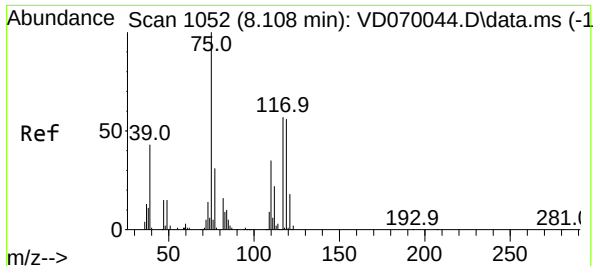
Tgt Ion:114 Resp: 664817
Ion Ratio Lower Upper
114 100
63 20.5 0.0 43.6
88 15.7 0.0 33.4



#35
Dibromofluoromethane
Concen: 57.815 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070070.D
Acq: 16 Aug 2021 16:48

Tgt Ion:113 Resp: 248324
Ion Ratio Lower Upper
113 100
111 105.2 81.8 122.6
192 16.9 13.2 19.8

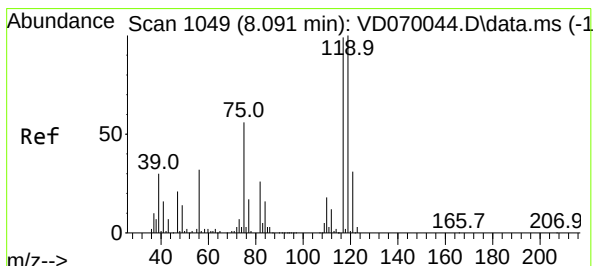
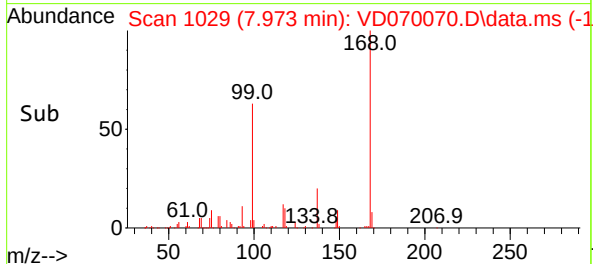
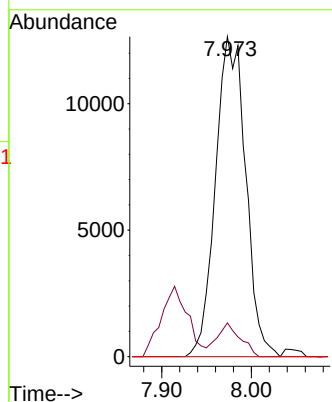
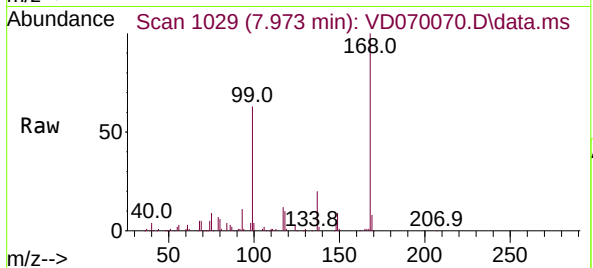




#36
1,1-Dichloropropene
Concen: 4.122 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD070070.D
Acq: 16 Aug 2021 16:48

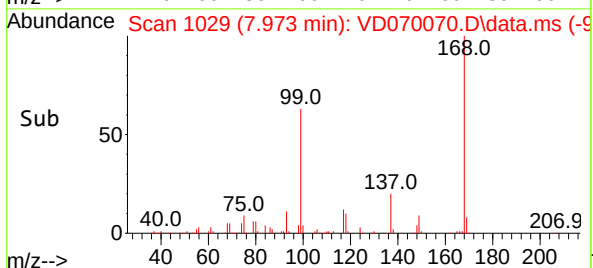
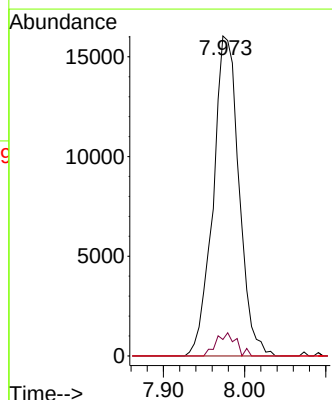
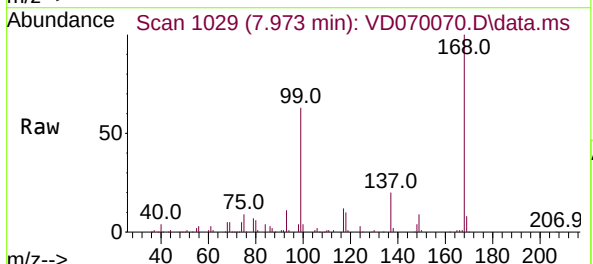
Instrument :
MSVOA_D
ClientSampleId :
SWCS-04-0205

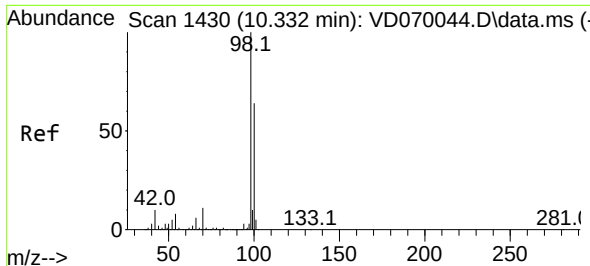
Tgt Ion: 75 Resp: 29478
Ion Ratio Lower Upper
75 100
110 8.1 16.9 50.7#
77 0.0 25.2 37.8#



#38
Carbon Tetrachloride
Concen: 5.480 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD070070.D
Acq: 16 Aug 2021 16:48

Tgt Ion: 117 Resp: 35581
Ion Ratio Lower Upper
117 100
119 5.2 81.0 121.6#
121 0.0 25.0 37.6#

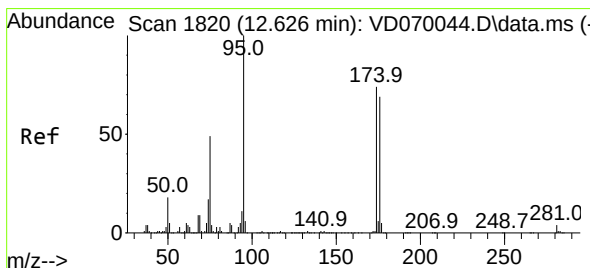
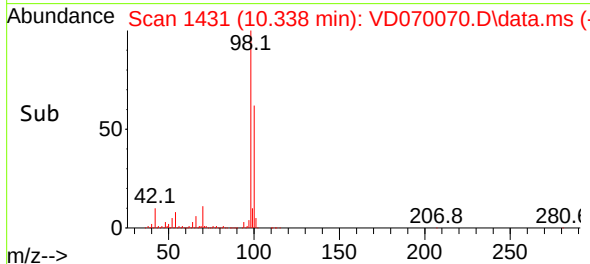
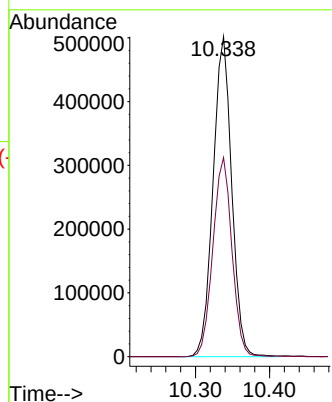
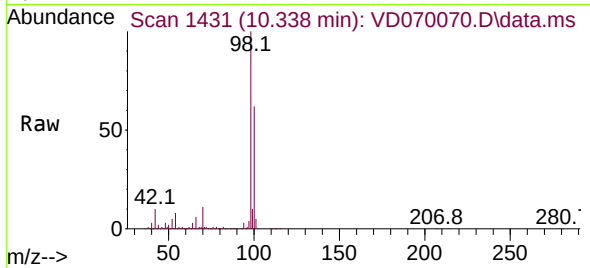




#50
Toluene-d8
Concen: 52.418 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070070.D
Acq: 16 Aug 2021 16:48

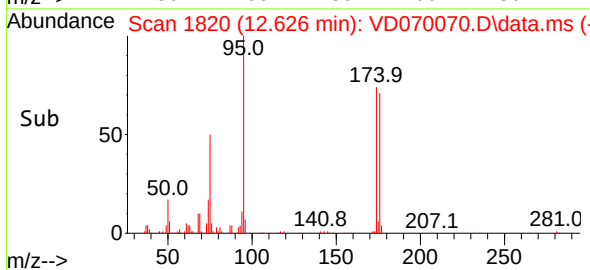
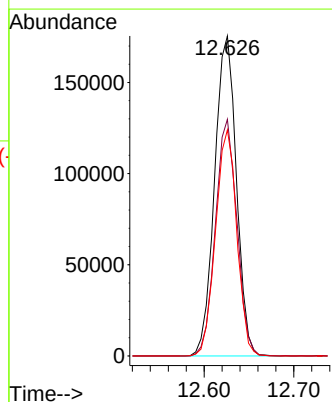
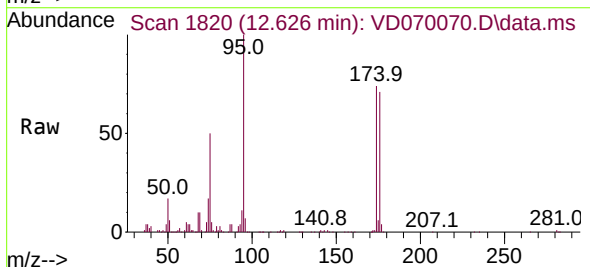
Instrument :
MSVOA_D
ClientSampleId :
SWCS-04-0205

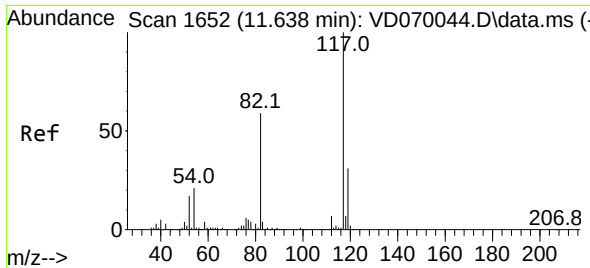
Tgt Ion: 98 Resp: 875690
Ion Ratio Lower Upper
98 100
100 63.7 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 53.742 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070070.D
Acq: 16 Aug 2021 16:48

Tgt Ion: 95 Resp: 295710
Ion Ratio Lower Upper
95 100
174 73.1 0.0 141.6
176 69.0 0.0 138.2

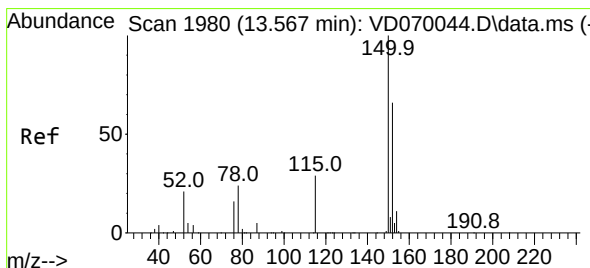
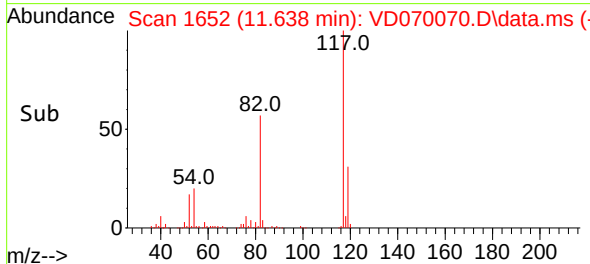
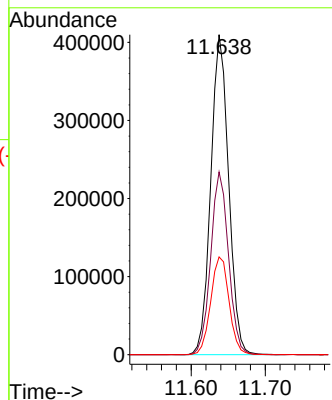
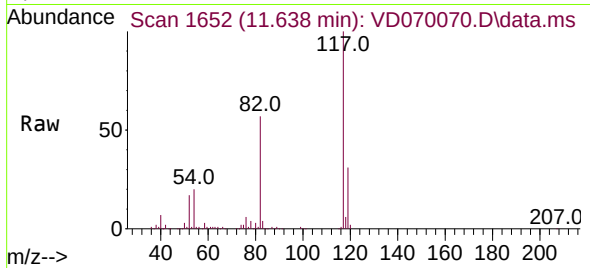




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070070.D
Acq: 16 Aug 2021 16:48

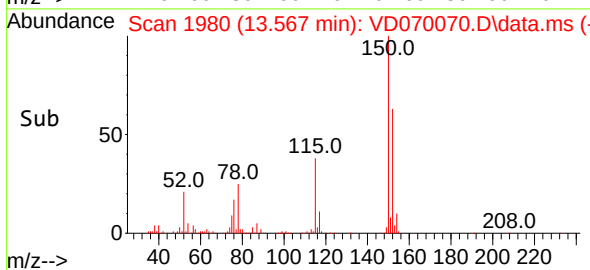
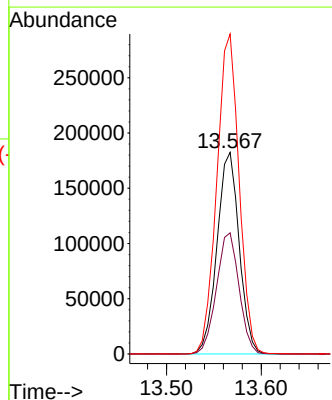
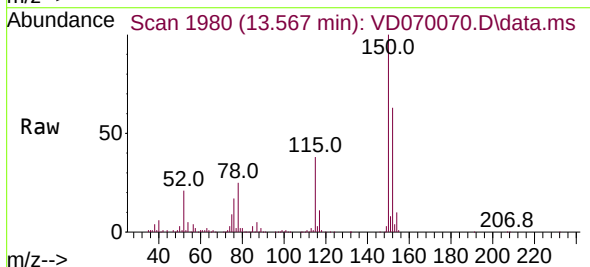
Instrument :
MSVOA_D
ClientSampleId :
SWCS-04-0205

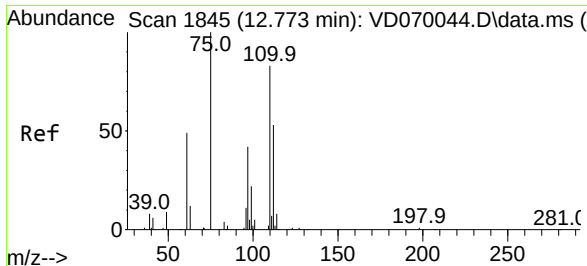
Tgt Ion:117 Resp: 684314
Ion Ratio Lower Upper
117 100
82 57.1 47.5 71.3
119 30.5 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD070070.D
Acq: 16 Aug 2021 16:48

Tgt Ion:152 Resp: 296543
Ion Ratio Lower Upper
152 100
115 61.3 31.2 93.6
150 159.6 0.0 352.0

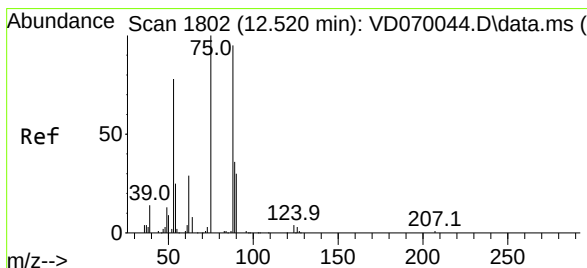
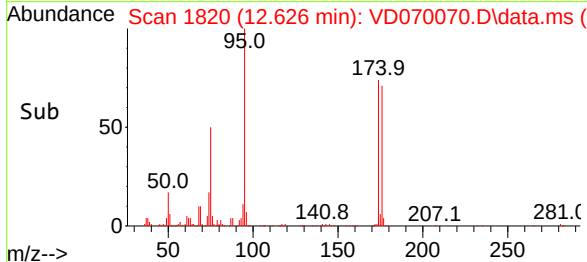
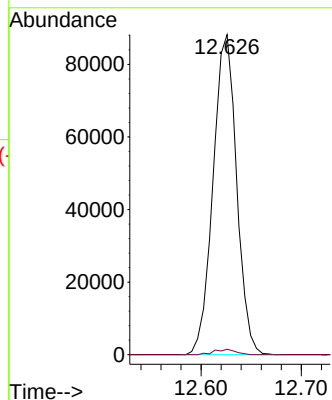
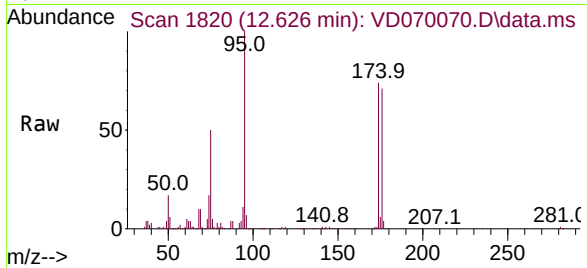




#76
1,2,3-Trichloropropane
Concen: 47.850 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070070.D
Acq: 16 Aug 2021 16:48

Instrument :
MSVOA_D
ClientSampleId :
SWCS-04-0205

Tgt Ion: 75 Resp: 143903
Ion Ratio Lower Upper
75 100
77 1.6 182.4 547.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 124.202 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070070.D
Acq: 16 Aug 2021 16:48

Tgt Ion: 75 Resp: 143903
Ion Ratio Lower Upper
75 100
53 0.1 64.5 96.7#
89 0.0 33.7 50.5#

