

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081321\
 Data File : VD070057.D
 Acq On : 13 Aug 2021 18:41
 Operator : VA/SY
 Sample : M3368-14
 Misc : 7.44G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-06-0510

Quant Time: Aug 14 02:52:20 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)

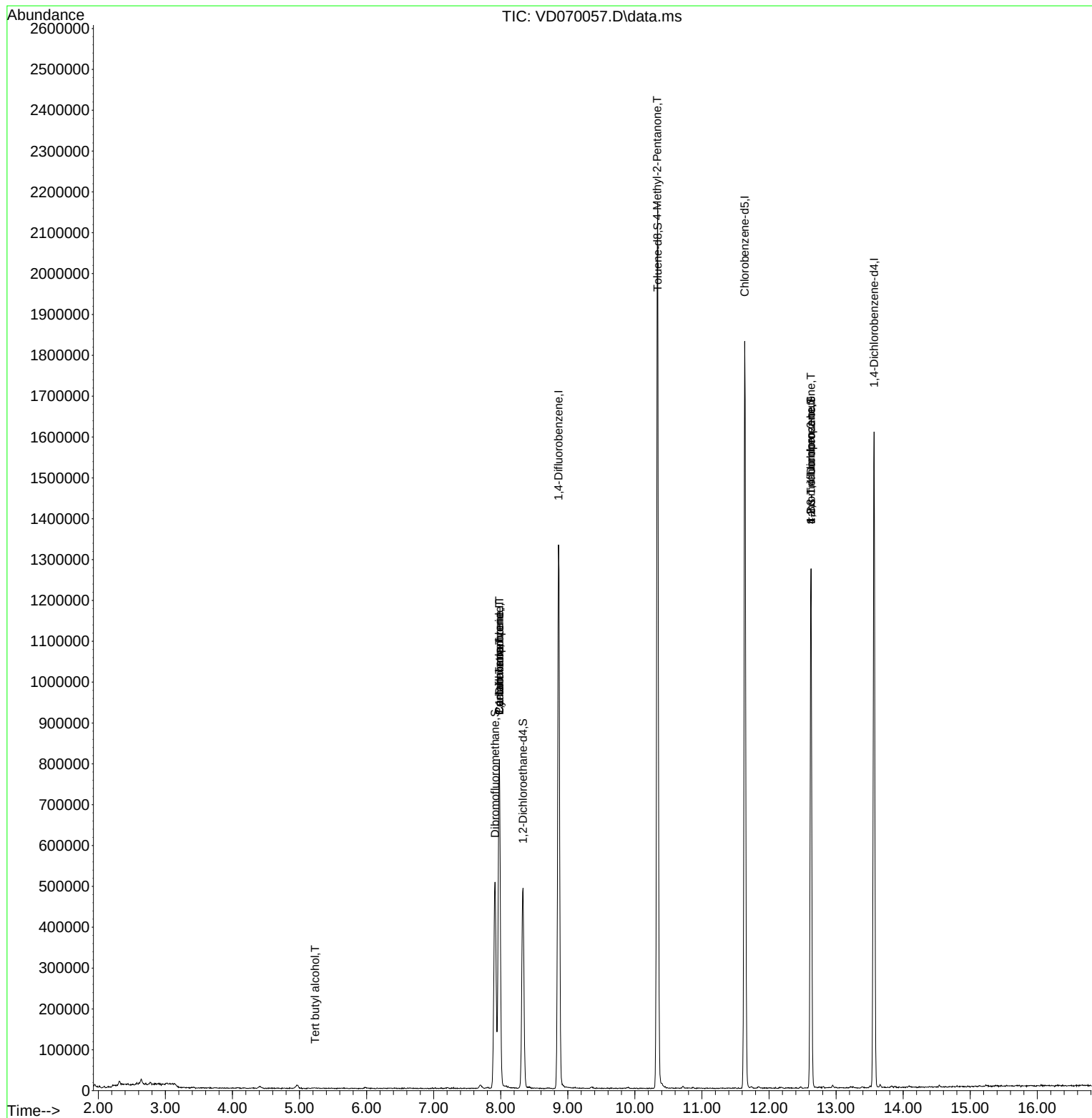
Internal Standards						
1) Pentafluorobenzene	7.979	168	571835	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1145785	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1075039	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	429125	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	389254	57.876	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.760%	
35) Dibromofluoromethane	7.914	113	382743	51.704	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.400%	
50) Toluene-d8	10.338	98	1441985	50.083	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.160%	
62) 4-Bromofluorobenzene	12.626	95	439499	46.345	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 92.680%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	886	Below Cal	#	42
3) Chloromethane	2.215	50	1829	Below Cal	#	78
5) Bromomethane	2.773	94	3259	Below Cal		96
11) Tert butyl alcohol	5.232	59	655	1.762	ug/l #	71
20) Methylene Chloride	4.968	84	5902	Below Cal	#	81
31) Cyclohexane	7.979	56	14442	1.085	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	53038	4.303	ug/l #	49
38) Carbon Tetrachloride	7.979	117	61910	5.532	ug/l #	16
51) 4-Methyl-2-Pentanone	10.332	43	5675	1.306	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	216296	49.701	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	216296	129.006	ug/l #	18

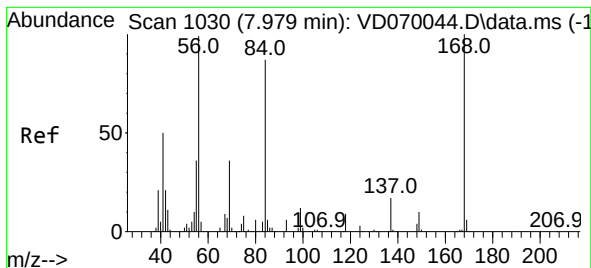
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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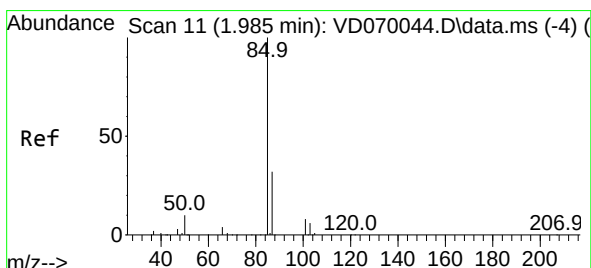
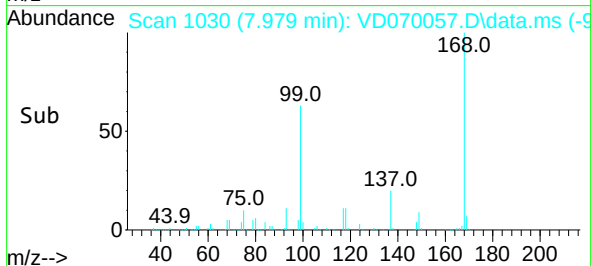
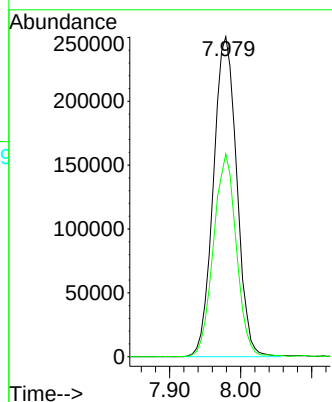
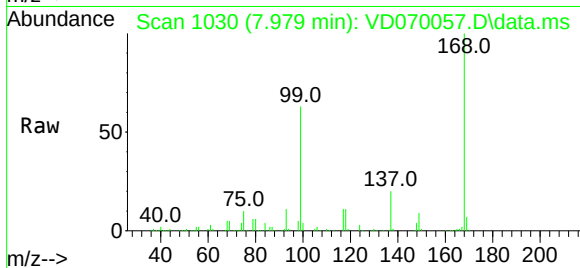




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070057.D
Acq: 13 Aug 2021 18:41

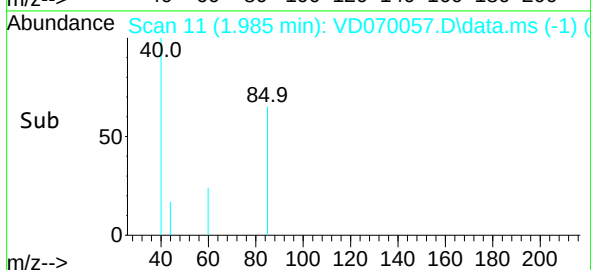
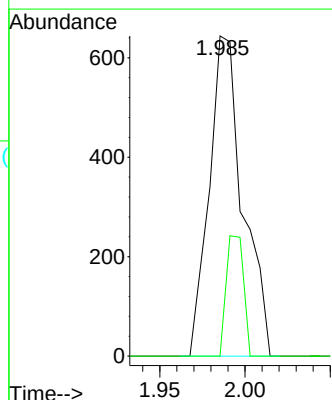
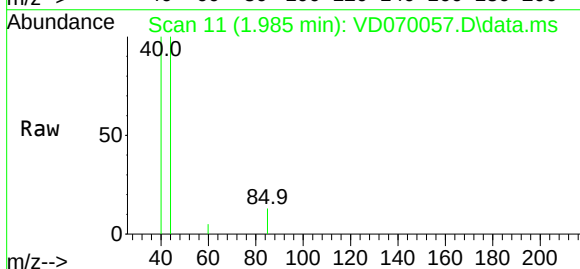
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MSVOA_D
ClientSampleId :
SWCS-06-0510

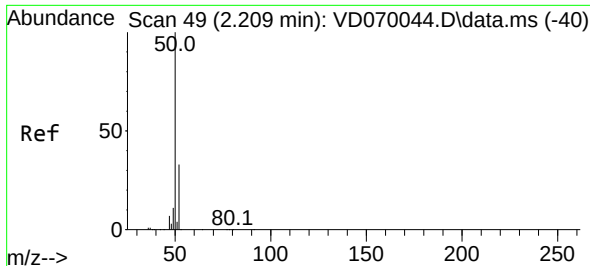
Tgt Ion:168 Resp: 571835
Ion Ratio Lower Upper
168 100
99 63.3 50.3 75.5



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.985 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD070057.D
Acq: 13 Aug 2021 18:41

Tgt Ion: 85 Resp: 886
Ion Ratio Lower Upper
85 100
87 0.0 16.2 48.6#

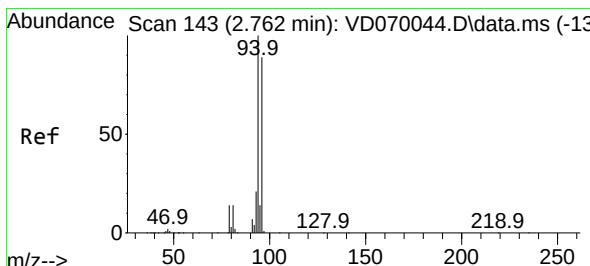
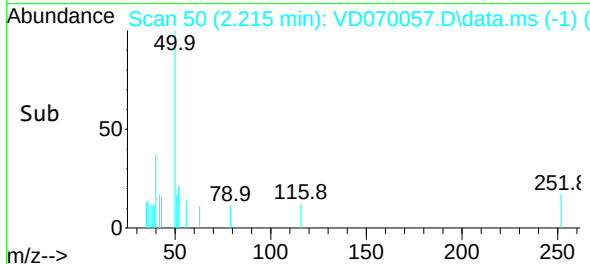
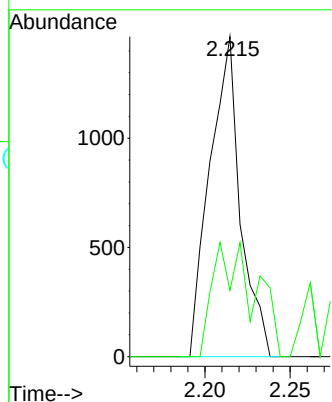
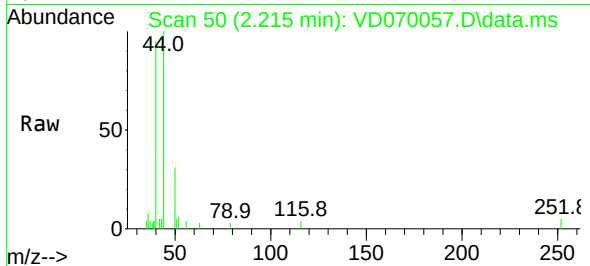




#3
Chloromethane
Concen: Below Cal
RT: 2.215 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD070057.D
Acq: 13 Aug 2021 18:41

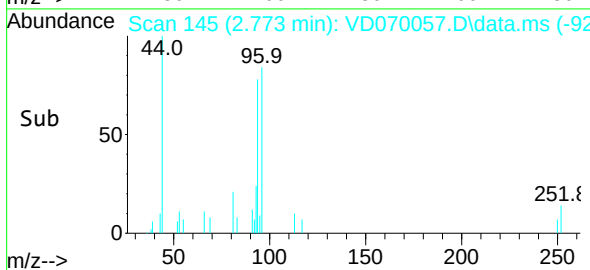
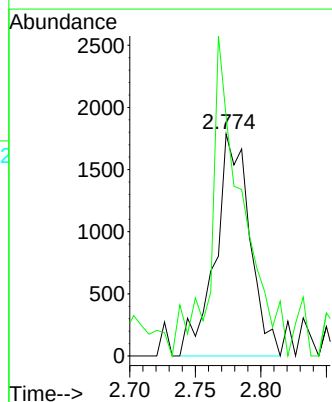
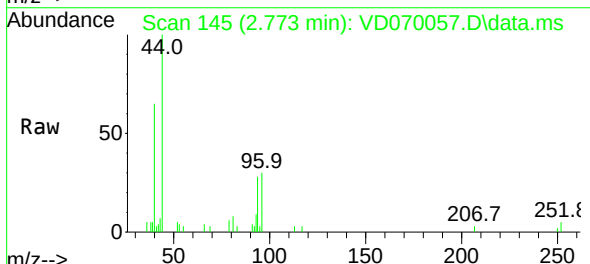
Instrument :
MSVOA_D
ClientSampleId :
SWCS-06-0510

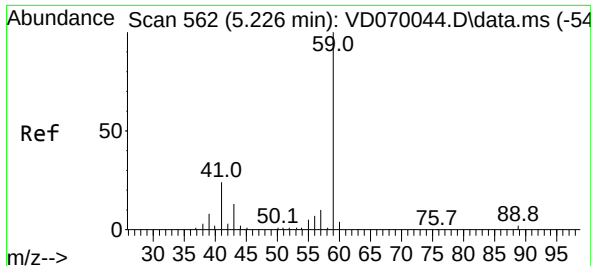
Tgt Ion: 50 Resp: 1829
Ion Ratio Lower Upper
50 100
52 20.8 26.3 39.5#



#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 145
Delta R.T. 0.011 min
Lab File: VD070057.D
Acq: 13 Aug 2021 18:41

Tgt Ion: 94 Resp: 3259
Ion Ratio Lower Upper
94 100
96 84.7 70.9 106.3



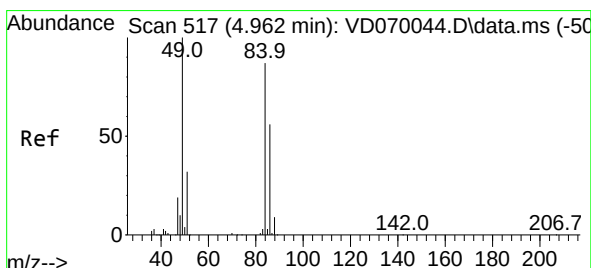
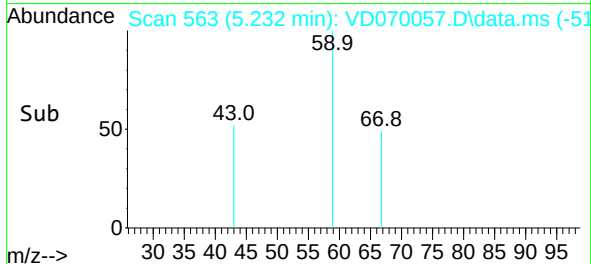
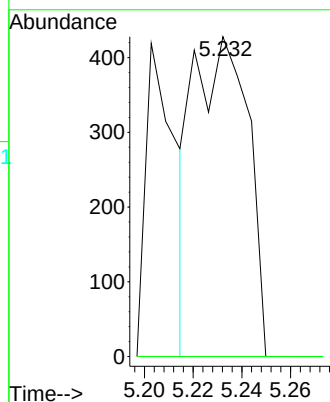
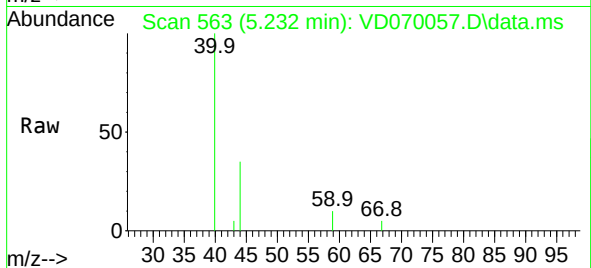


#11

Tert butyl alcohol
Concen: 1.762 ug/l
RT: 5.232 min Scan# 563
Delta R.T. 0.006 min
Lab File: VD070057.D
Acq: 13 Aug 2021 18:41

Instrument :
MSVOA_D
ClientSampleId :
SWCS-06-0510

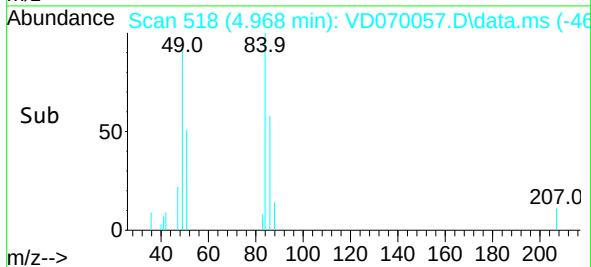
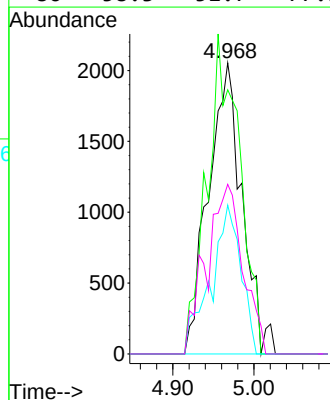
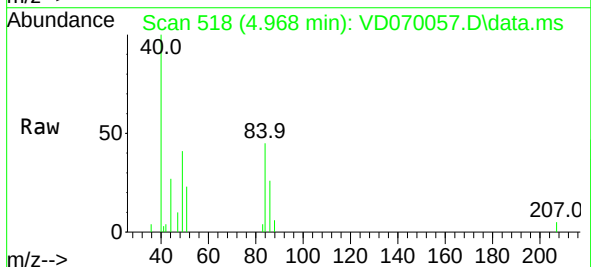
Tgt Ion: 59 Resp: 655
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#

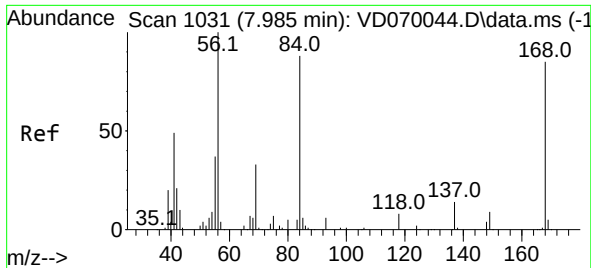


#20

Methylene Chloride
Concen: Below Cal
RT: 4.968 min Scan# 518
Delta R.T. 0.006 min
Lab File: VD070057.D
Acq: 13 Aug 2021 18:41

Tgt Ion: 84 Resp: 5902
Ion Ratio Lower Upper
84 100
49 90.7 92.5 138.7#
51 51.1 29.7 44.5#
86 58.3 51.7 77.5

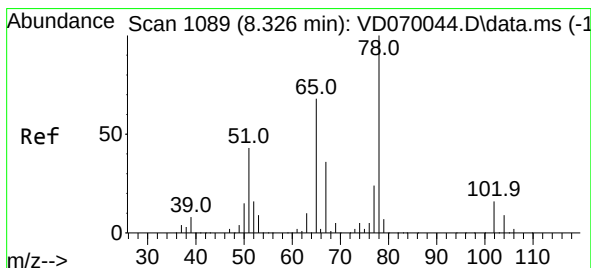
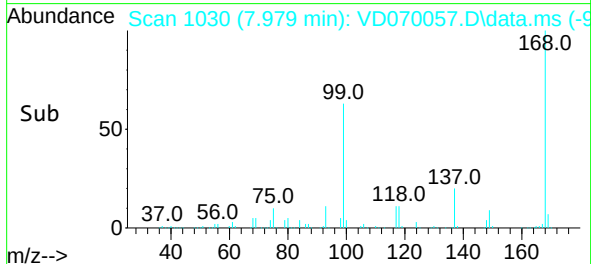
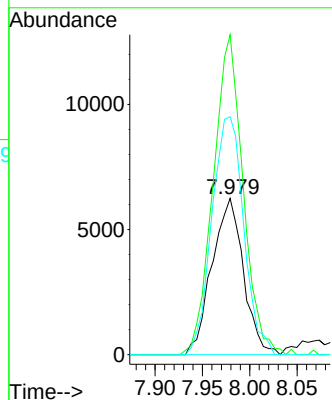
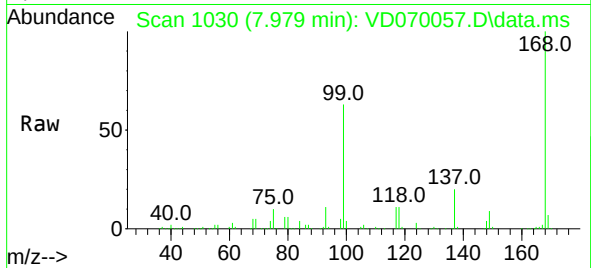




#31
Cyclohexane
Concen: 1.085 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070057.D
Acq: 13 Aug 2021 18:41

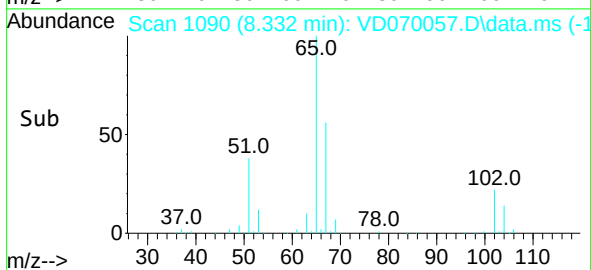
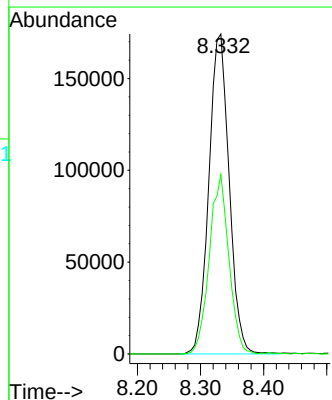
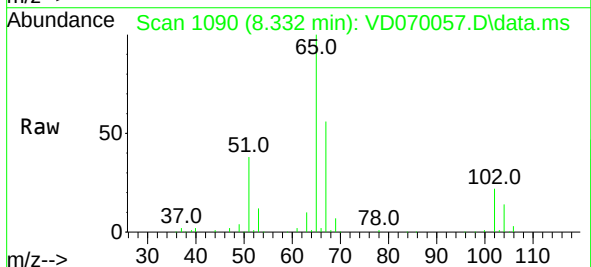
Instrument :
MSVOA_D
ClientSampleId :
SWCS-06-0510

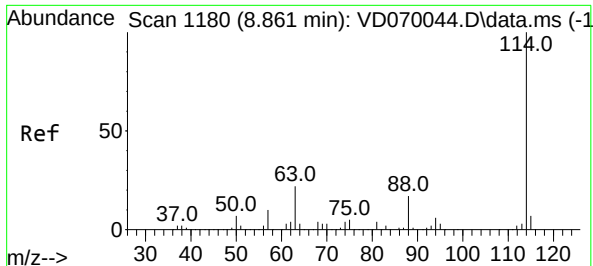
Tgt Ion: 56 Resp: 14442
Ion Ratio Lower Upper
56 100
69 204.7 26.7 40.1#
84 152.3 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 57.876 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD070057.D
Acq: 13 Aug 2021 18:41

Tgt Ion: 65 Resp: 389254
Ion Ratio Lower Upper
65 100
67 53.9 0.0 107.8

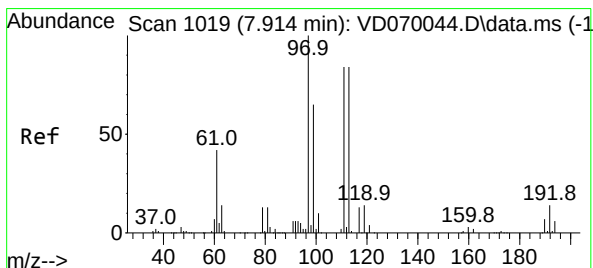
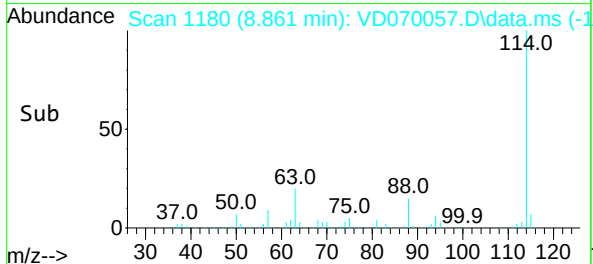
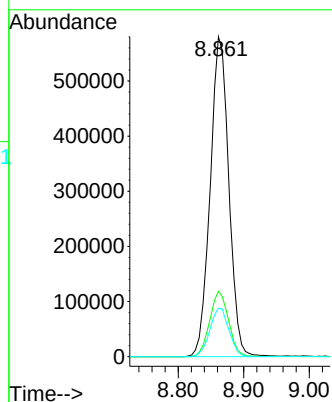
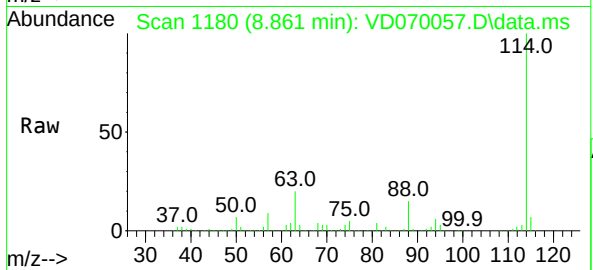




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070057.D
Acq: 13 Aug 2021 18:41

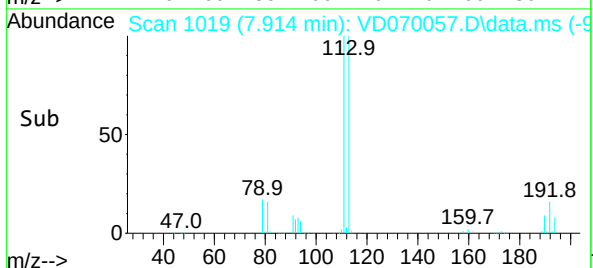
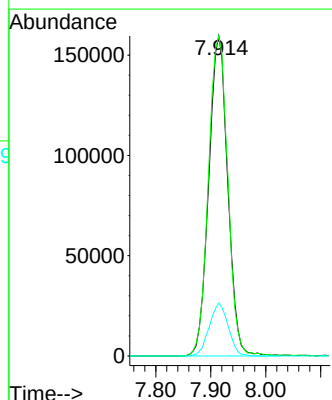
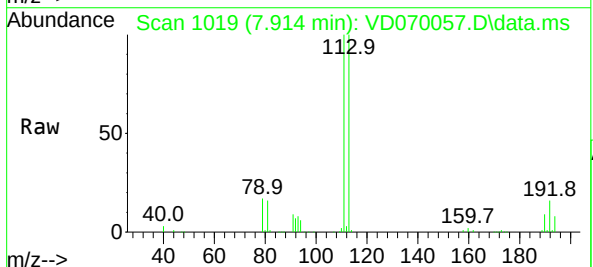
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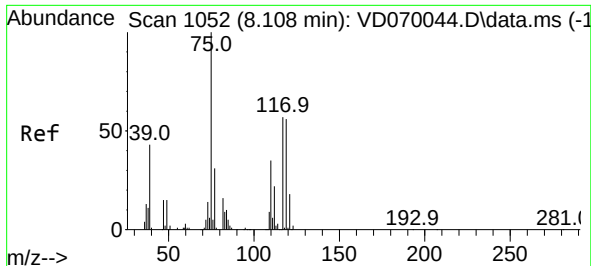
Tgt Ion:114 Resp: 1145785
Ion Ratio Lower Upper
114 100
63 20.5 0.0 43.6
88 15.1 0.0 33.4



#35
Dibromofluoromethane
Concen: 51.704 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070057.D
Acq: 13 Aug 2021 18:41

Tgt Ion:113 Resp: 382743
Ion Ratio Lower Upper
113 100
111 102.1 81.8 122.6
192 16.4 13.2 19.8

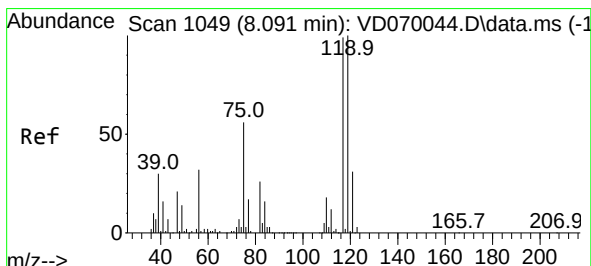
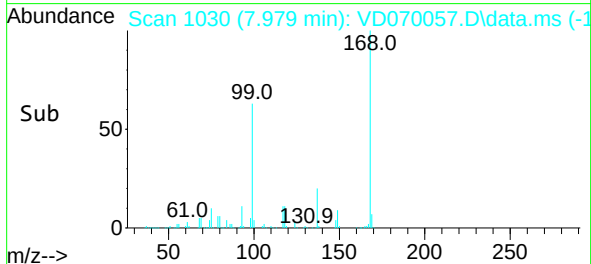
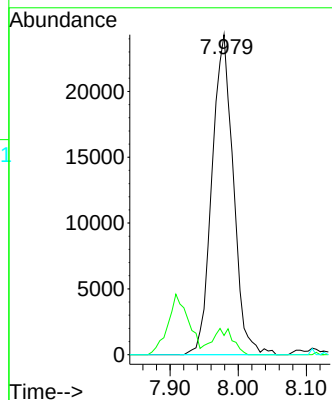
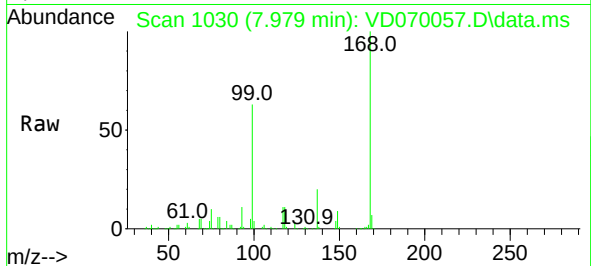




#36
1,1-Dichloropropene
Concen: 4.303 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.129 min
Lab File: VD070057.D
Acq: 13 Aug 2021 18:41

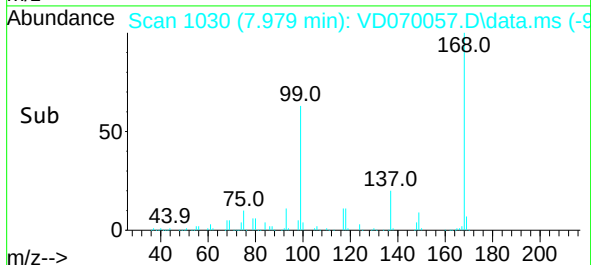
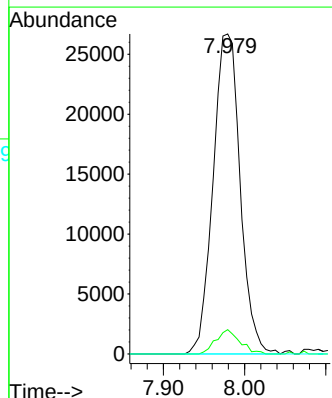
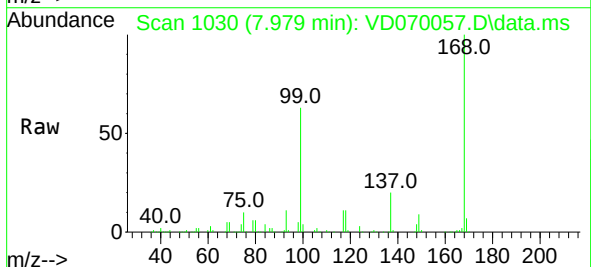
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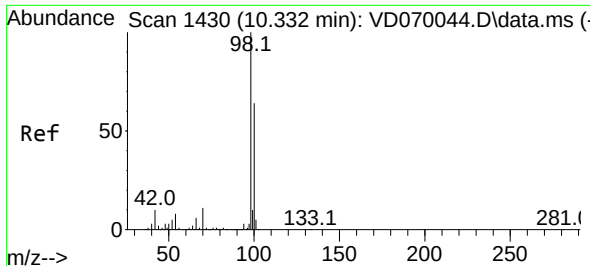
Tgt Ion: 75 Resp: 53038
Ion Ratio Lower Upper
75 100
110 7.6 16.9 50.7#
77 0.0 25.2 37.8#



#38
Carbon Tetrachloride
Concen: 5.532 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.112 min
Lab File: VD070057.D
Acq: 13 Aug 2021 18:41

Tgt Ion: 117 Resp: 61910
Ion Ratio Lower Upper
117 100
119 7.6 81.0 121.6#
121 0.0 25.0 37.6#

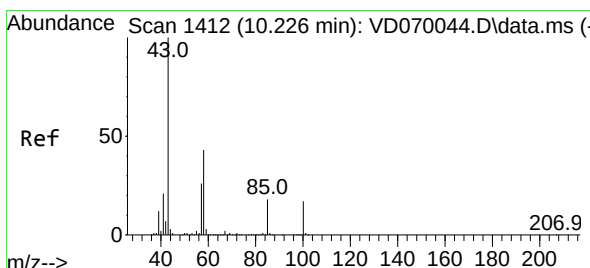
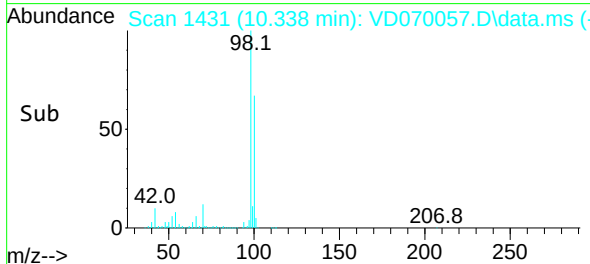
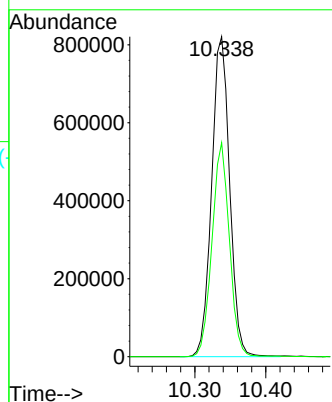
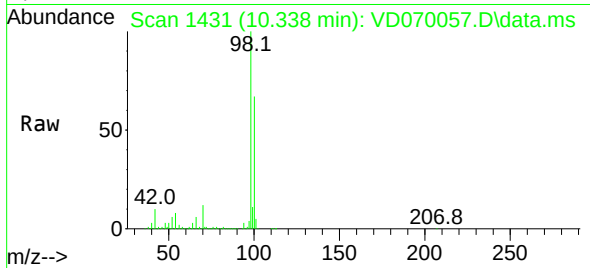




#50
Toluene-d8
Concen: 50.083 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070057.D
Acq: 13 Aug 2021 18:41

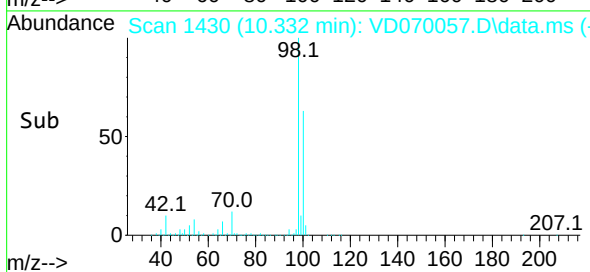
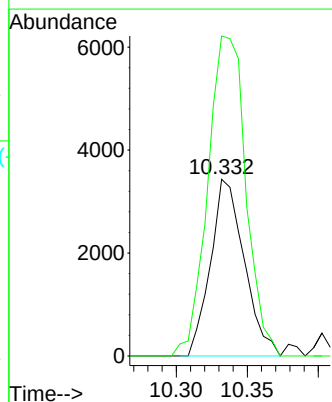
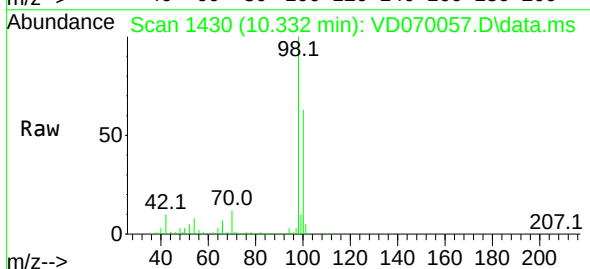
Instrument :
MSVOA_D
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SWCS-06-0510

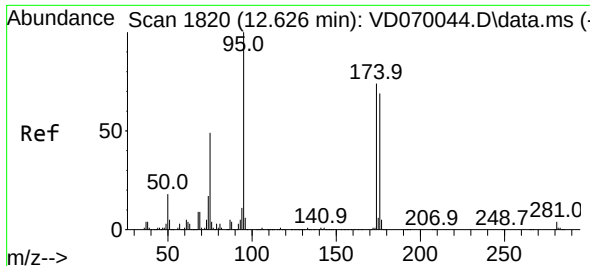
Tgt Ion: 98 Resp: 1441985
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 1.306 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.106 min
Lab File: VD070057.D
Acq: 13 Aug 2021 18:41

Tgt Ion: 43 Resp: 5675
Ion Ratio Lower Upper
43 100
58 204.3 33.9 50.9#

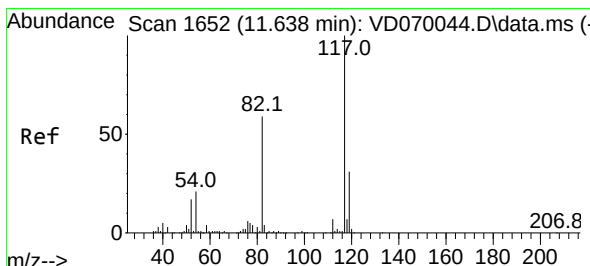
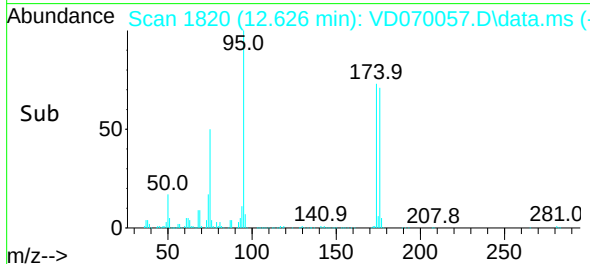
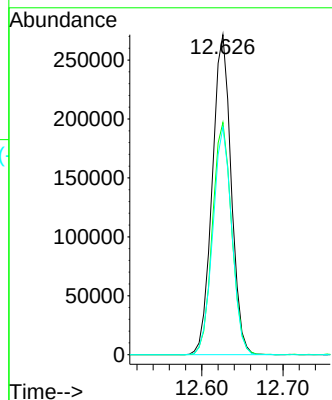
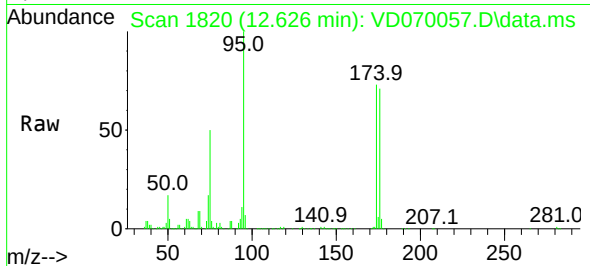




#62
4-Bromofluorobenzene
Concen: 46.345 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070057.D
Acq: 13 Aug 2021 18:41

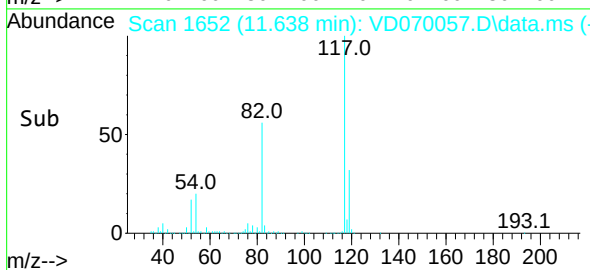
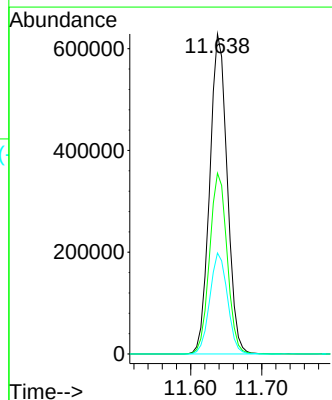
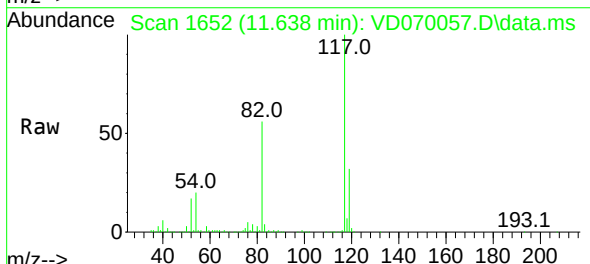
Instrument :
MSVOA_D
ClientSampleId :
SWCS-06-0510

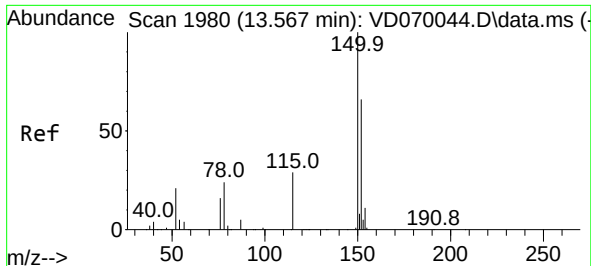
Tgt Ion: 95 Resp: 439499
Ion Ratio Lower Upper
95 100
174 73.5 0.0 141.6
176 71.1 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070057.D
Acq: 13 Aug 2021 18:41

Tgt Ion: 117 Resp: 1075039
Ion Ratio Lower Upper
117 100
82 56.5 47.5 71.3
119 31.6 25.1 37.7

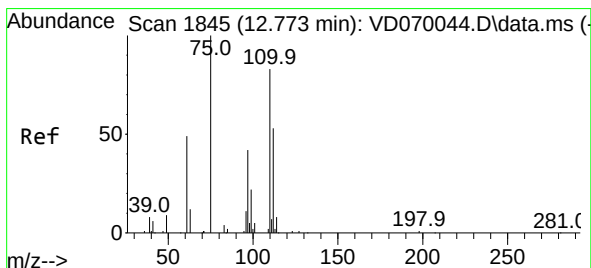
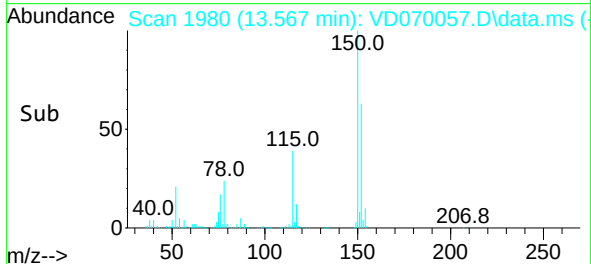
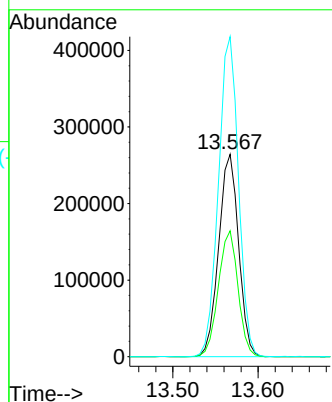
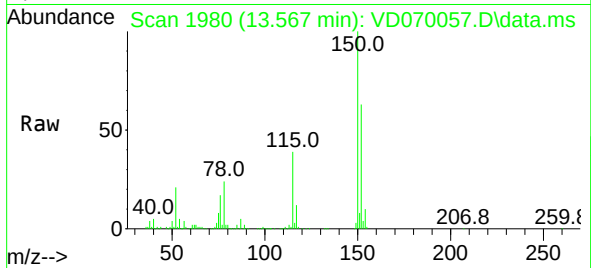




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. 0.000 min
 Lab File: VD070057.D
 Acq: 13 Aug 2021 18:41

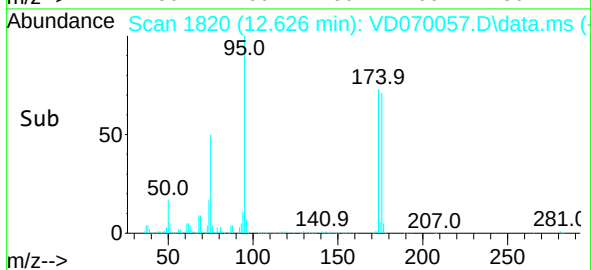
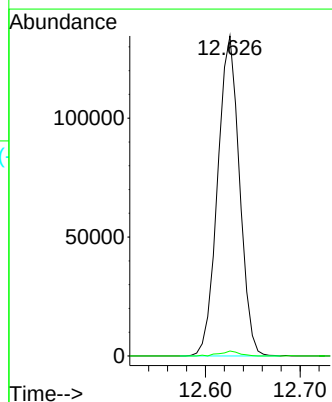
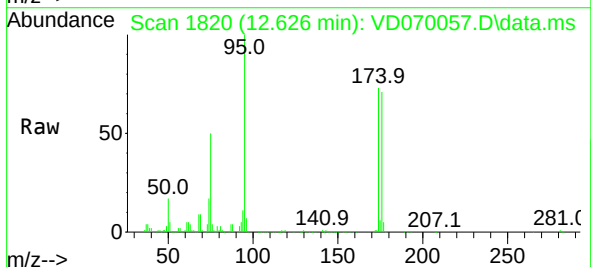
Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-06-0510

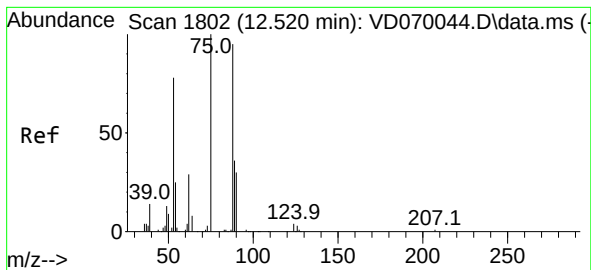
Tgt Ion:152 Resp: 429125
 Ion Ratio Lower Upper
 152 100
 115 61.4 31.2 93.6
 150 158.8 0.0 352.0



#76
 1,2,3-Trichloropropane
 Concen: 49.701 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD070057.D
 Acq: 13 Aug 2021 18:41

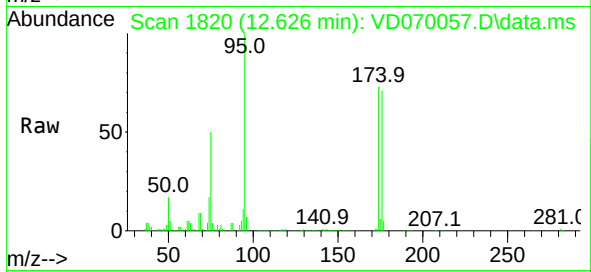
Tgt Ion: 75 Resp: 216296
 Ion Ratio Lower Upper
 75 100
 77 1.4 182.4 547.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 129.006 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.106 min
 Lab File: VD070057.D
 Acq: 13 Aug 2021 18:41

Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-06-0510



Tgt Ion: 75 Resp: 216296
 Ion Ratio Lower Upper
 75 100
 53 0.2 64.5 96.7#
 89 0.0 33.7 50.5#

