

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081821\
 Data File : VD070150.D
 Acq On : 19 Aug 2021 03:49
 Operator : VA/SY
 Sample : M3418-04
 Misc : 6.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-14-0205

Quant Time: Aug 19 07:38:41 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)

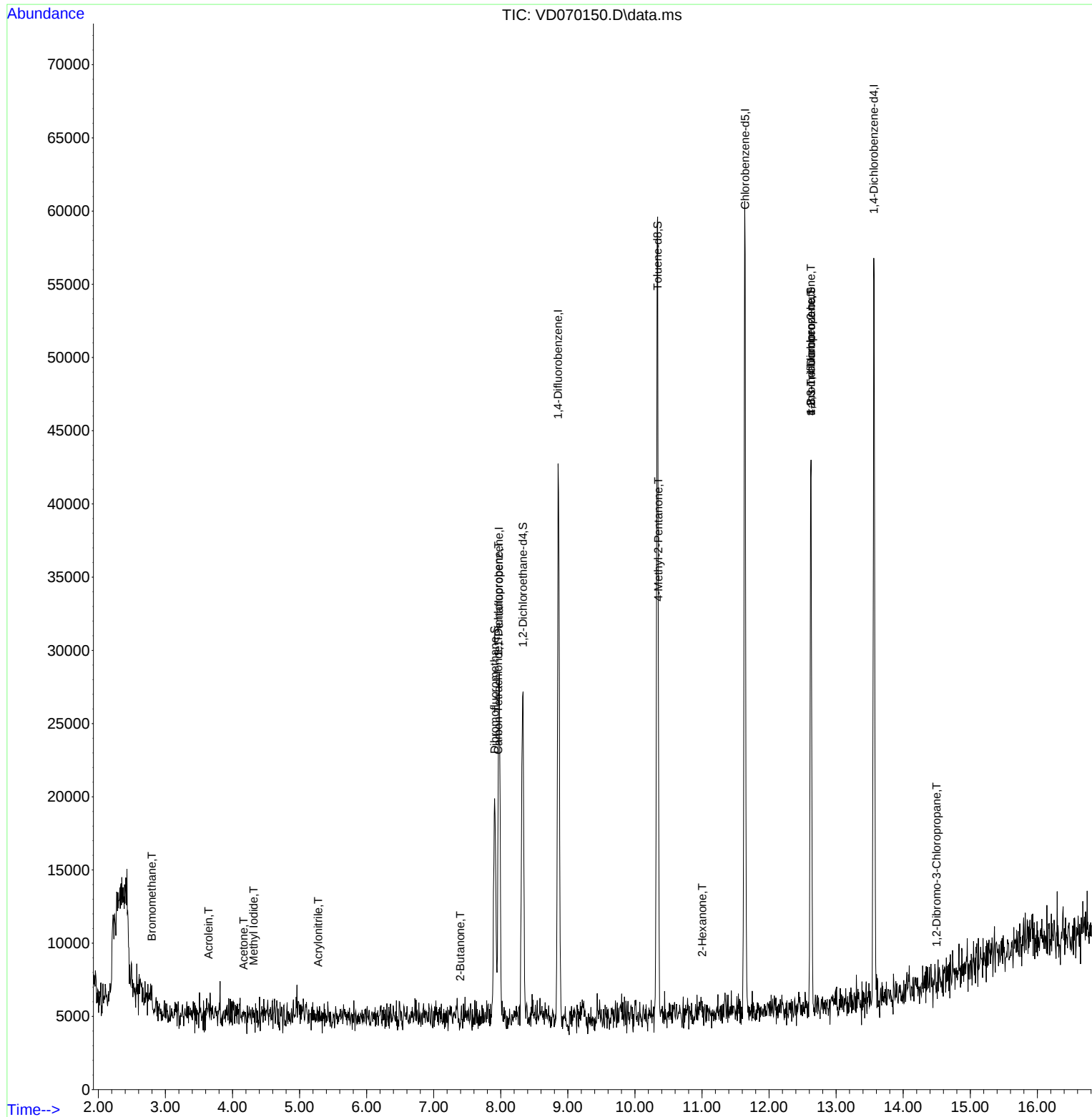
Internal Standards						
1) Pentafluorobenzene	7.973	168	17650	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	31185	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	31113	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	13616	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	17876	86.111	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 172.220%#			
35) Dibromofluoromethane	7.908	113	11442	56.791	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.580%			
50) Toluene-d8	10.338	98	38433	49.045	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.080%			
62) 4-Bromofluorobenzene	12.626	95	11975	46.396	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 92.800%			
Target Compounds					Qvalue	
3) Chloromethane	2.209	50	1011	Below Cal		91
5) Bromomethane	2.797	94	1287	3.909 ug/l #		81
10) Methyl Iodide	4.314	142	405	1.941 ug/l #		40
13) Acrolein	3.644	56	96	7.264 ug/l #		14
15) Acrylonitrile	5.279	53	60	1.260 ug/l #		18
16) Acetone	4.167	43	351	9.178 ug/l #		41
20) Methylene Chloride	4.962	84	670	Below Cal #		69
25) 2-Butanone	7.397	43	73	1.397 ug/l #		44
36) 1,1-Dichloropropene	7.967	75	1847	5.505 ug/l #		42
38) Carbon Tetrachloride	7.961	117	867	2.847 ug/l #		27
51) 4-Methyl-2-Pentanone	10.349	43	197	1.665 ug/l #		1
59) 2-Hexanone	11.002	43	89	1.123 ug/l #		21
76) 1,2,3-Trichloropropane	12.626	75	6398	46.334 ug/l #		1
81) trans-1,4-Dichloro-2-b...	12.626	75	6398	120.265 ug/l #		17
92) 1,2-Dibromo-3-Chloropr...	14.496	75	66	2.230 ug/l #		8

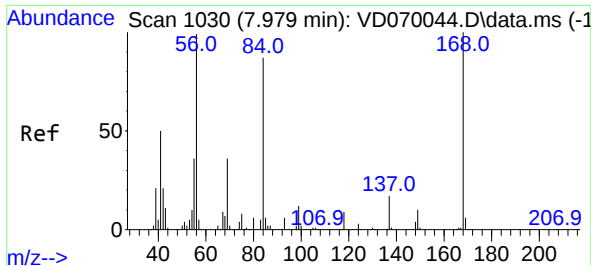
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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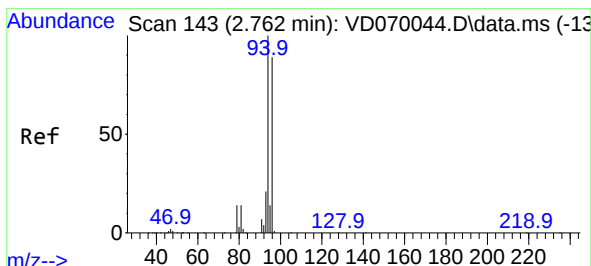
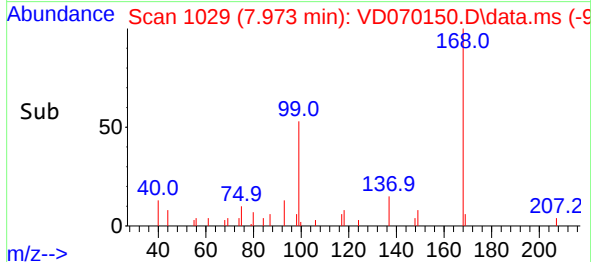
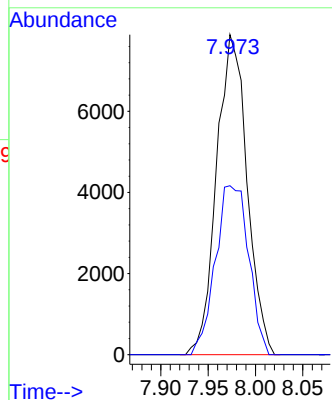
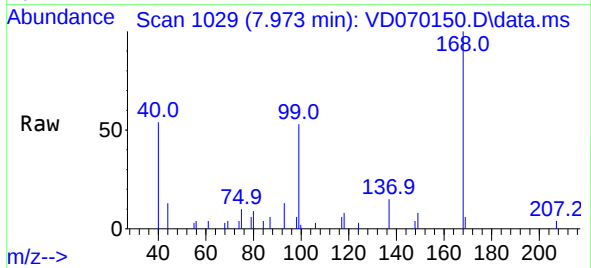




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070150.D
Acq: 19 Aug 2021 03:49

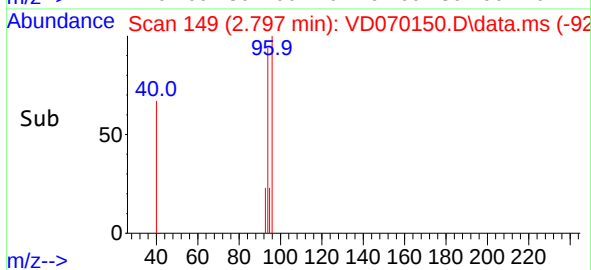
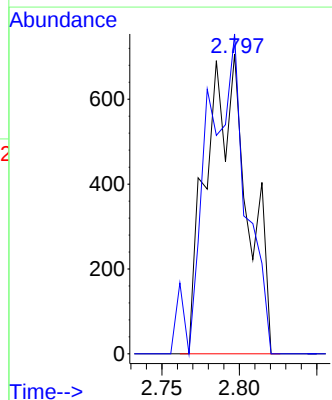
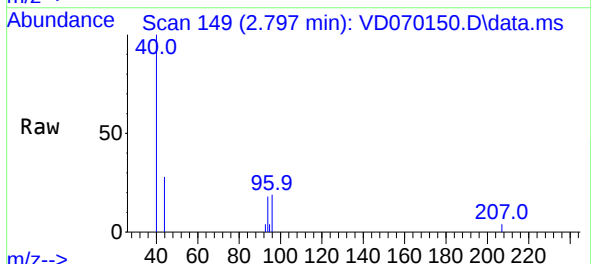
Instrument :
MSVOA_D
ClientSampleId :
SWCS-14-0205

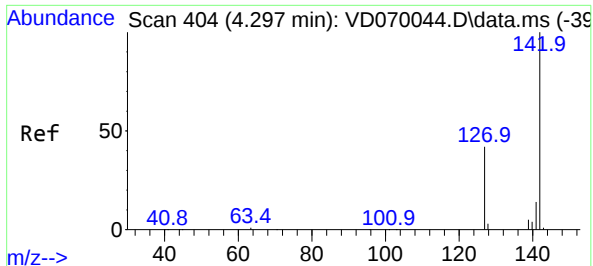
Tgt Ion:168 Resp: 17650
Ion Ratio Lower Upper
168 100
99 52.8 50.3 75.5



#5
Bromomethane
Concen: 3.909 ug/l
RT: 2.797 min Scan# 149
Delta R.T. 0.035 min
Lab File: VD070150.D
Acq: 19 Aug 2021 03:49

Tgt Ion: 94 Resp: 1287
Ion Ratio Lower Upper
94 100
96 106.6 70.9 106.3#

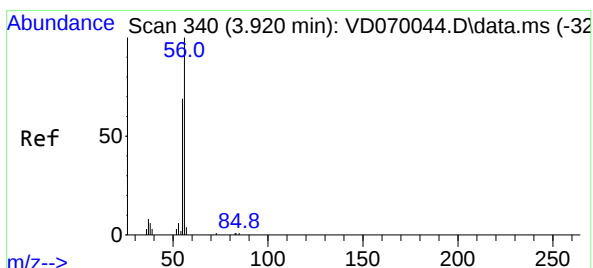
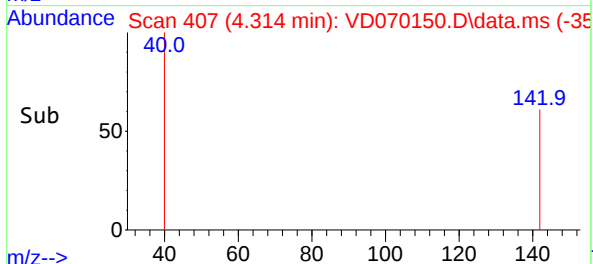
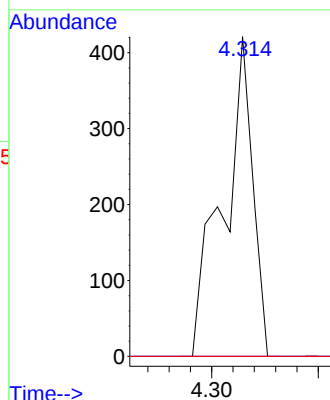
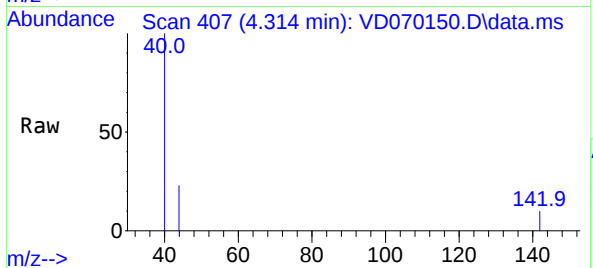




#10
Methyl Iodide
Concen: 1.941 ug/l
RT: 4.314 min Scan# 407
Delta R.T. 0.018 min
Lab File: VD070150.D
Acq: 19 Aug 2021 03:49

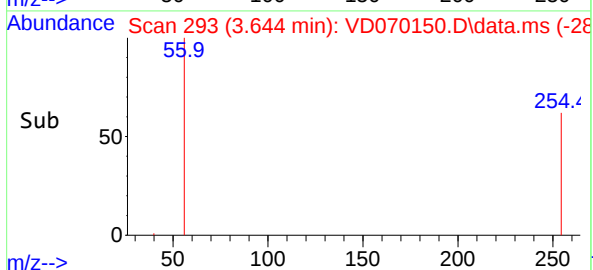
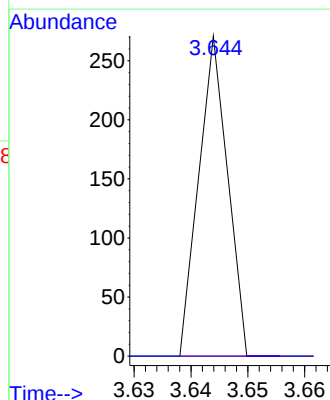
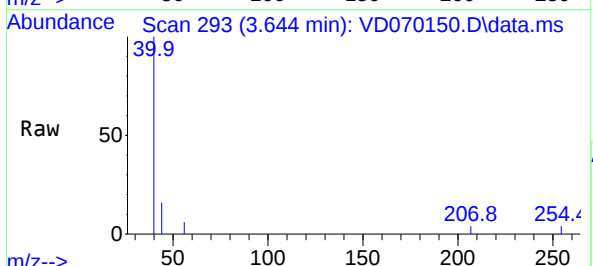
Instrument :
MSVOA_D
ClientSampleId :
SWCS-14-0205

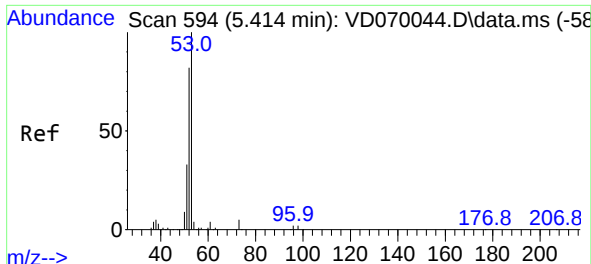
Tgt Ion:142 Resp: 405
Ion Ratio Lower Upper
142 100
127 0.0 35.4 53.0#
141 0.0 12.1 18.1#



#13
Acrolein
Concen: 7.264 ug/l
RT: 3.644 min Scan# 293
Delta R.T. -0.277 min
Lab File: VD070150.D
Acq: 19 Aug 2021 03:49

Tgt Ion: 56 Resp: 96
Ion Ratio Lower Upper
56 100
55 0.0 57.4 86.0#

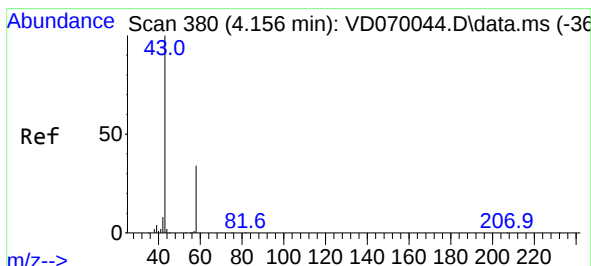
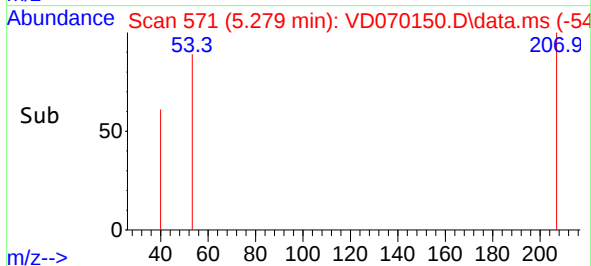
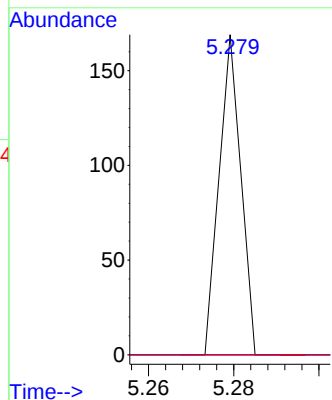
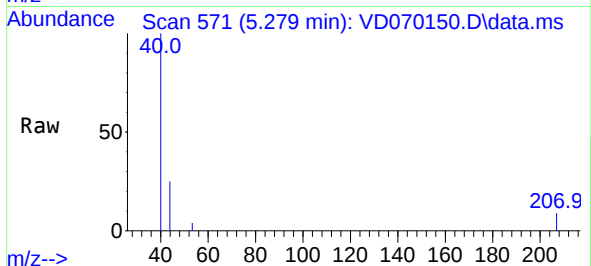




#15
Acrylonitrile
Concen: 1.260 ug/l
RT: 5.279 min Scan# 571
Delta R.T. -0.135 min
Lab File: VD070150.D
Acq: 19 Aug 2021 03:49

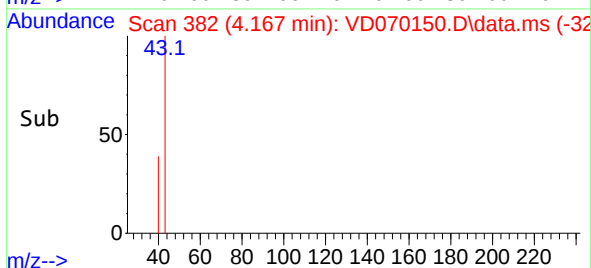
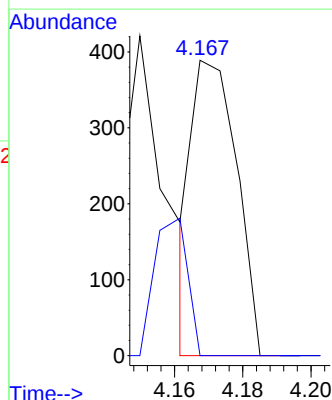
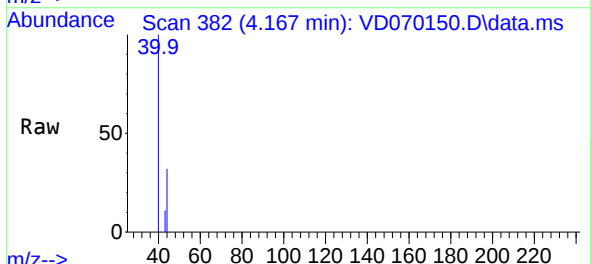
Instrument :
MSVOA_D
ClientSampleId :
SWCS-14-0205

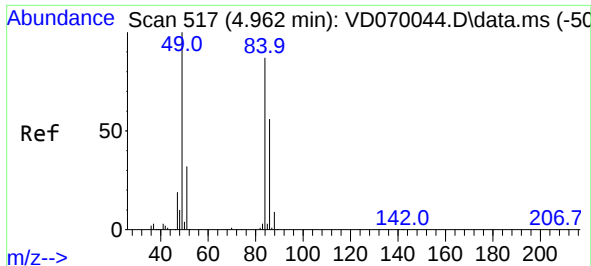
Tgt Ion: 53 Resp: 60
Ion Ratio Lower Upper
53 100
52 0.0 64.5 96.7#
51 0.0 28.2 42.4#



#16
Acetone
Concen: 9.178 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD070150.D
Acq: 19 Aug 2021 03:49

Tgt Ion: 43 Resp: 351
Ion Ratio Lower Upper
43 100
58 0.0 26.8 40.2#



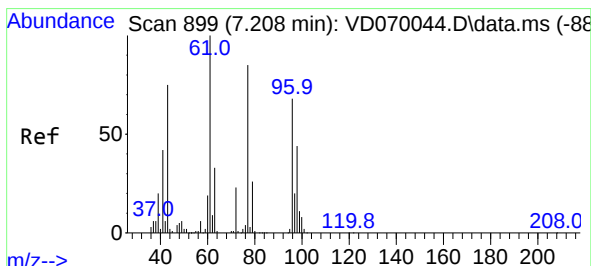
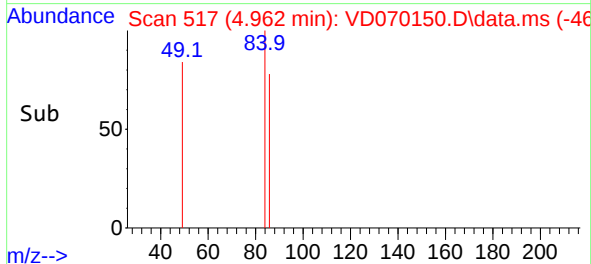
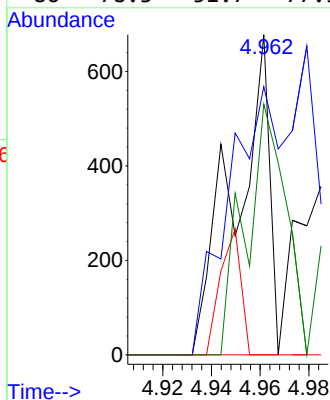
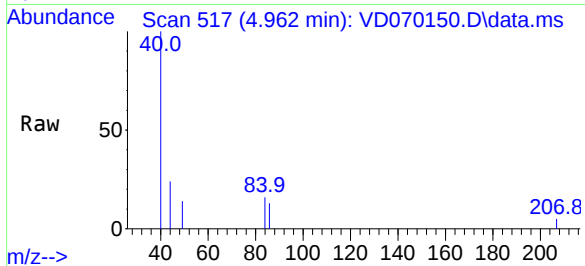


#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD070150.D
Acq: 19 Aug 2021 03:49

Instrument :
MSVOA_D
ClientSampleId :
SWCS-14-0205

Tgt Ion: 84 Resp: 670

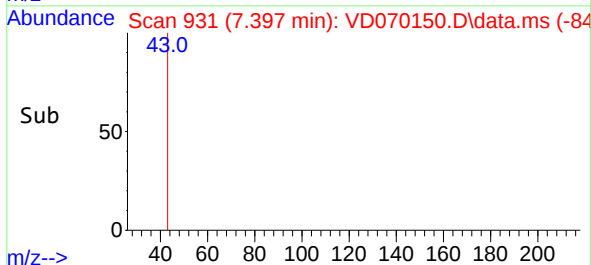
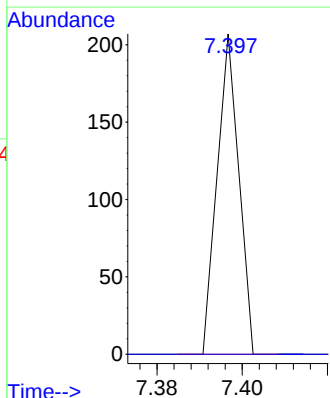
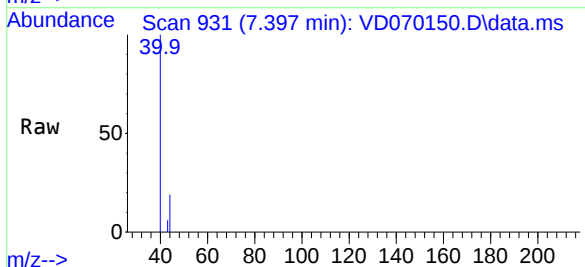
Ion	Ratio	Lower	Upper
84	100		
49	83.8	92.5	138.7#
51	0.0	29.7	44.5#
86	78.3	51.7	77.5#

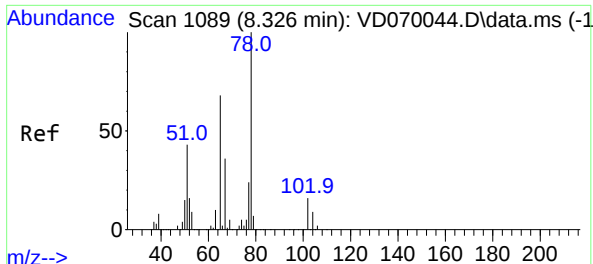


#25
2-Butanone
Concen: 1.397 ug/l
RT: 7.397 min Scan# 931
Delta R.T. 0.188 min
Lab File: VD070150.D
Acq: 19 Aug 2021 03:49

Tgt Ion: 43 Resp: 73

Ion	Ratio	Lower	Upper
43	100		
72	0.0	24.2	36.4#

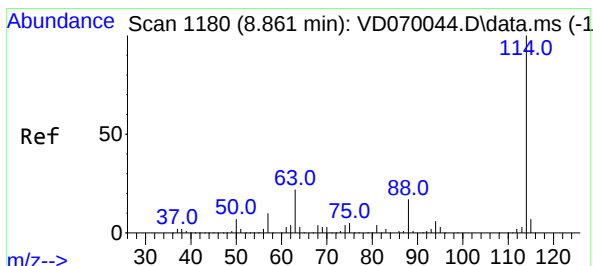
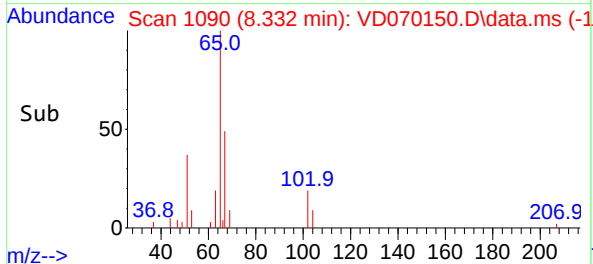
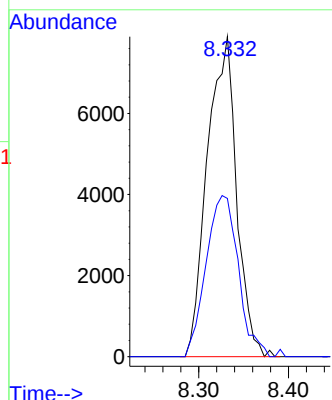
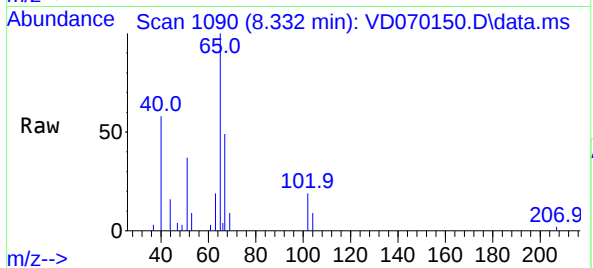




#33
1,2-Dichloroethane-d4
Concen: 86.111 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD070150.D
Acq: 19 Aug 2021 03:49

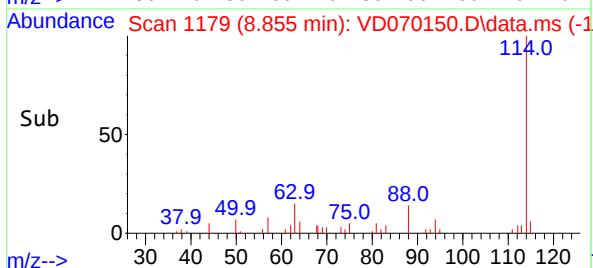
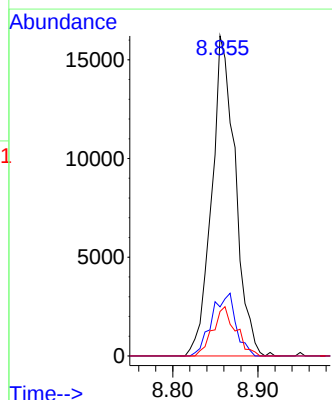
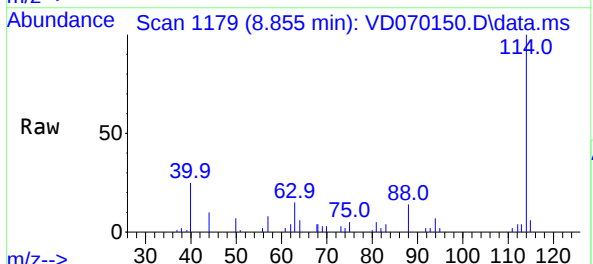
Instrument :
MSVOA_D
ClientSampleId :
SWCS-14-0205

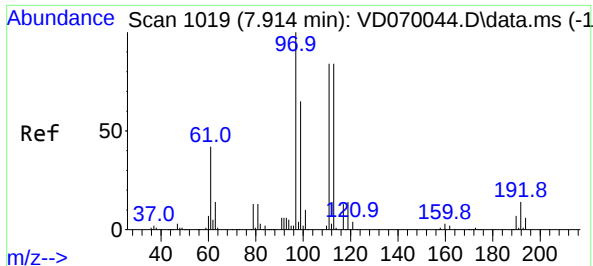
Tgt Ion: 65 Resp: 17876
Ion Ratio Lower Upper
65 100
67 55.5 0.0 107.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VD070150.D
Acq: 19 Aug 2021 03:49

Tgt Ion: 114 Resp: 31185
Ion Ratio Lower Upper
114 100
63 15.4 0.0 43.6
88 13.9 0.0 33.4



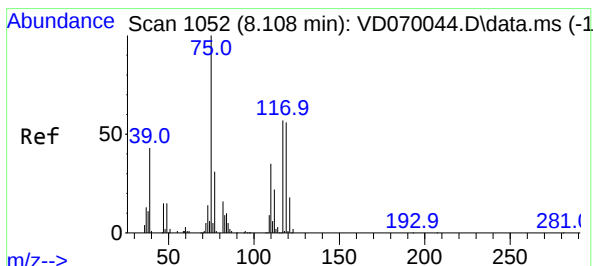
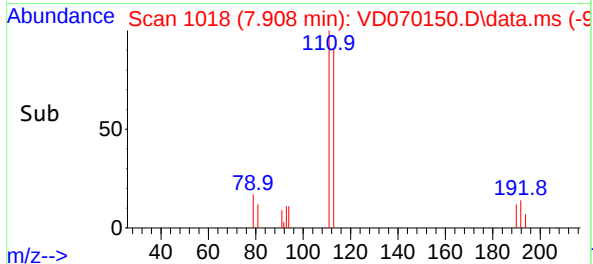
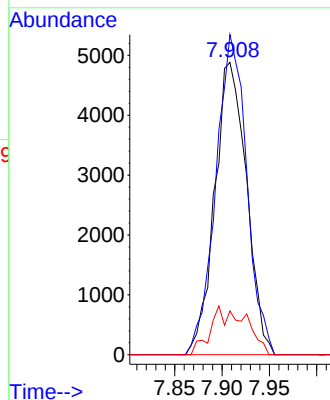
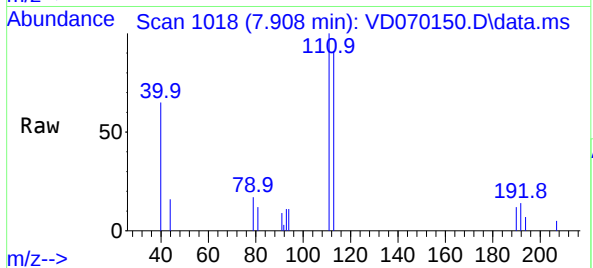


#35

Dibromofluoromethane
Concen: 56.791 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070150.D
Acq: 19 Aug 2021 03:49

Instrument :
MSVOA_D
ClientSampleId :
SWCS-14-0205

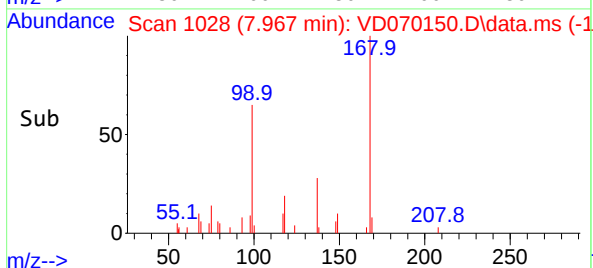
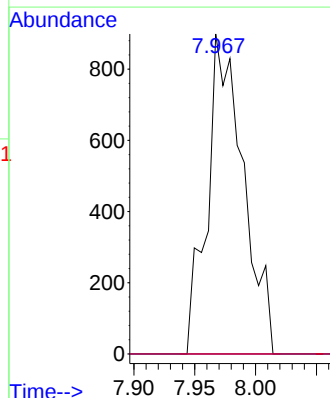
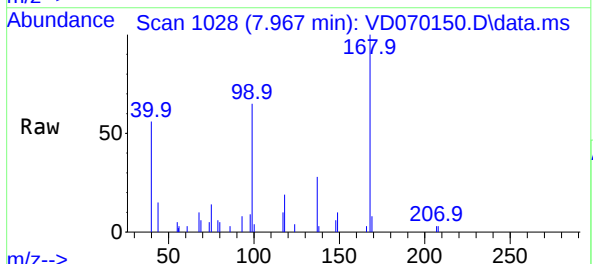
Tgt Ion:113 Resp: 11442
Ion Ratio Lower Upper
113 100
111 106.2 81.8 122.6
192 7.9 13.2 19.8#

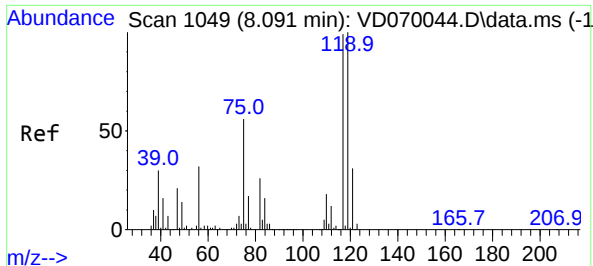


#36

1,1-Dichloropropene
Concen: 5.505 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.141 min
Lab File: VD070150.D
Acq: 19 Aug 2021 03:49

Tgt Ion: 75 Resp: 1847
Ion Ratio Lower Upper
75 100
110 0.0 16.9 50.7#
77 0.0 25.2 37.8#

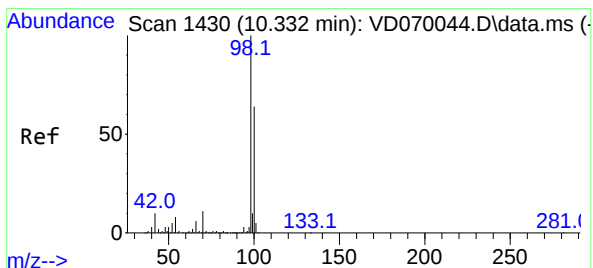
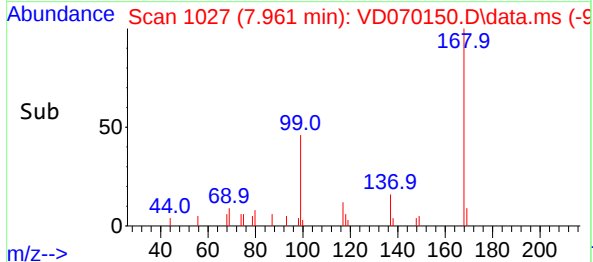
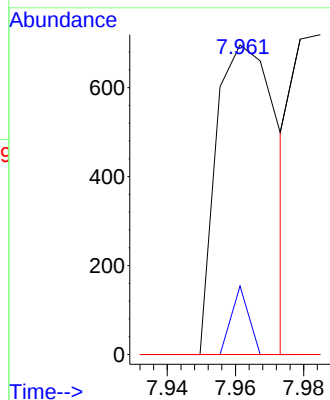
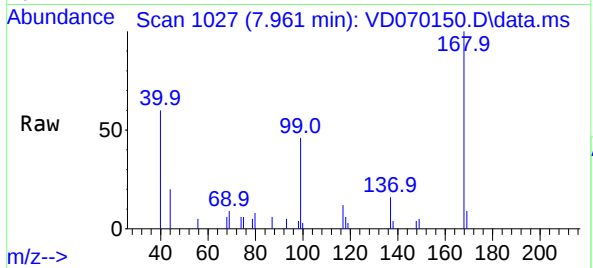




#38
Carbon Tetrachloride
Concen: 2.847 ug/l
RT: 7.961 min Scan# 1027
Delta R.T. -0.129 min
Lab File: VD070150.D
Acq: 19 Aug 2021 03:49

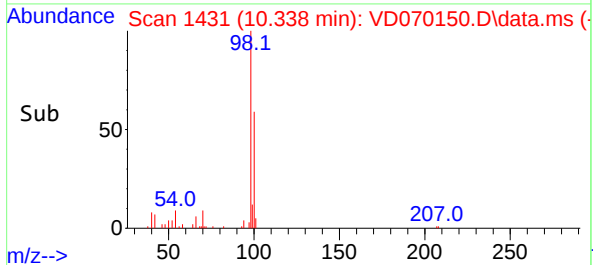
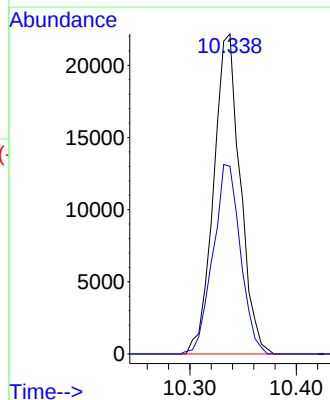
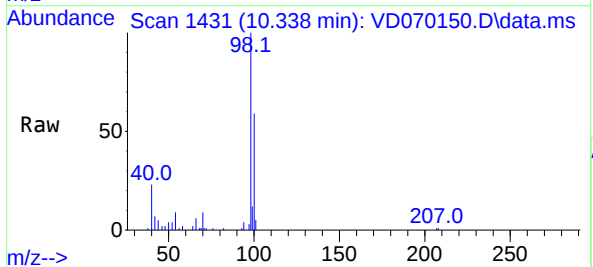
Instrument :
MSVOA_D
ClientSampleId :
SWCS-14-0205

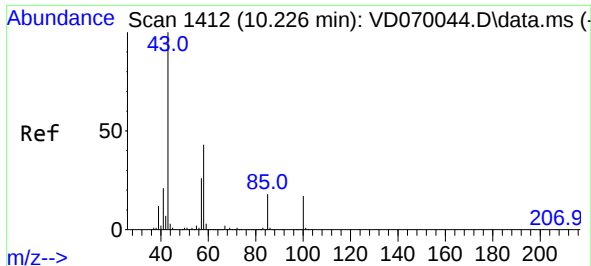
Tgt Ion:117 Resp: 867
Ion Ratio Lower Upper
117 100
119 22.1 81.0 121.6#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 49.045 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070150.D
Acq: 19 Aug 2021 03:49

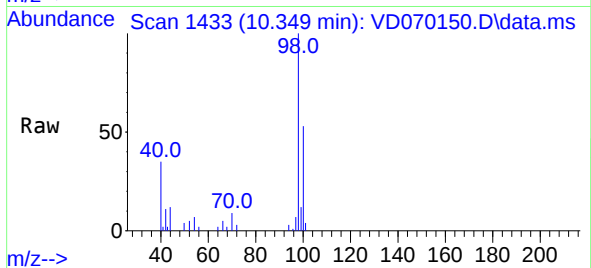
Tgt Ion: 98 Resp: 38433
Ion Ratio Lower Upper
98 100
100 61.0 52.6 78.8



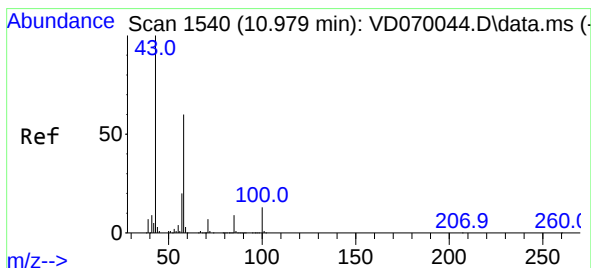
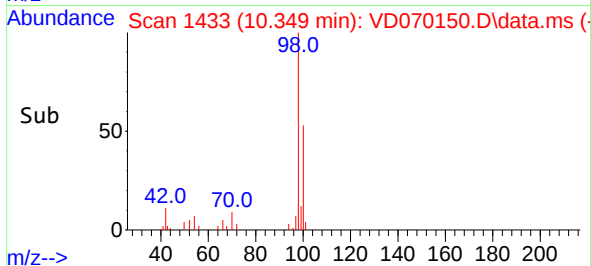
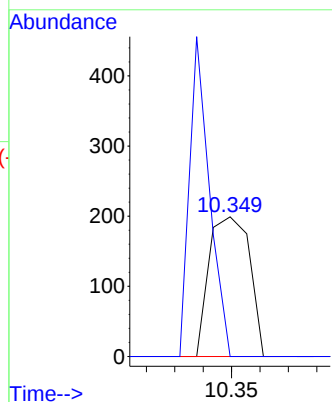


#51
4-Methyl-2-Pentanone
Concen: 1.665 ug/l
RT: 10.349 min Scan# 1433
Delta R.T. 0.123 min
Lab File: VD070150.D
Acq: 19 Aug 2021 03:49

Instrument :
MSVOA_D
ClientSampleId :
SWCS-14-0205

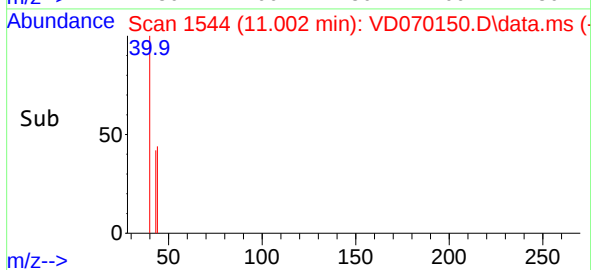
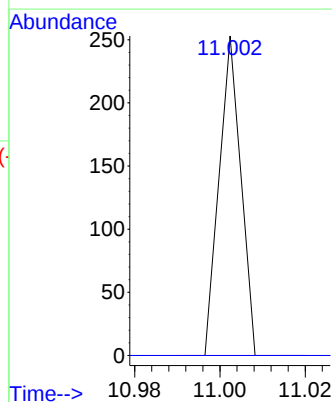
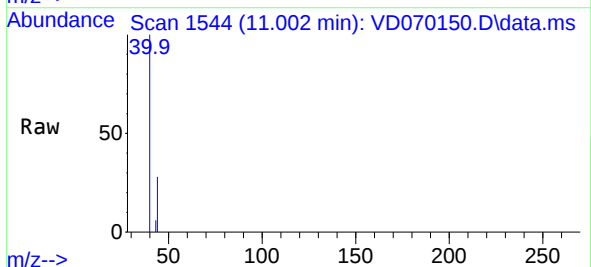


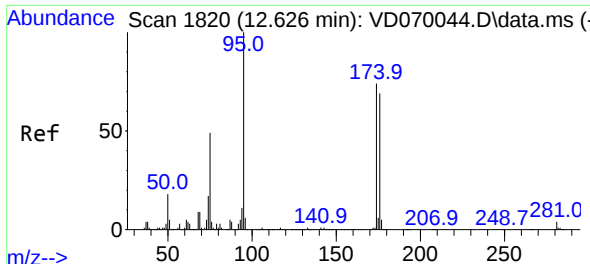
Tgt Ion: 43 Resp: 197
Ion Ratio Lower Upper
43 100
58 112.7 33.9 50.9#



#59
2-Hexanone
Concen: 1.123 ug/l
RT: 11.002 min Scan# 1544
Delta R.T. 0.023 min
Lab File: VD070150.D
Acq: 19 Aug 2021 03:49

Tgt Ion: 43 Resp: 89
Ion Ratio Lower Upper
43 100
58 0.0 29.5 88.5#

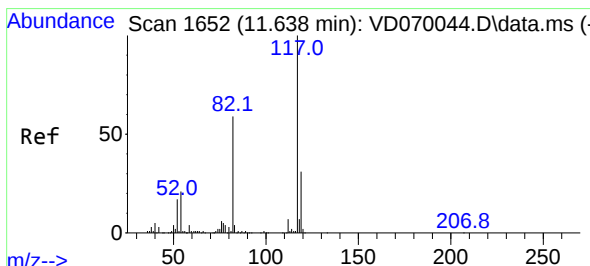
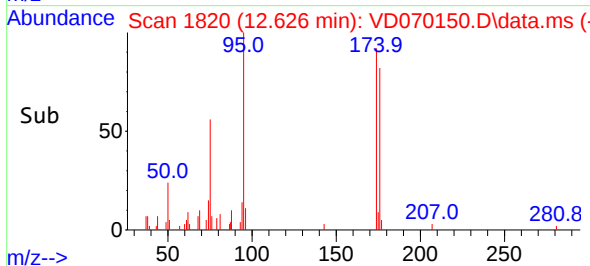
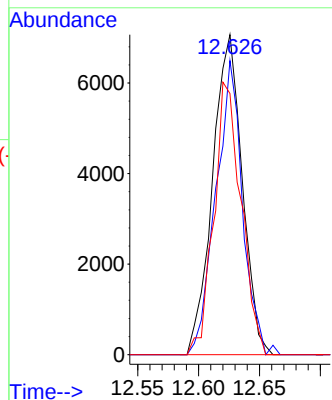
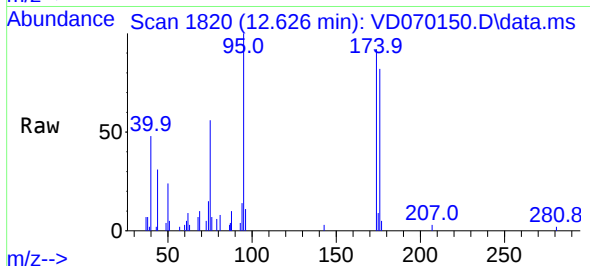




#62
4-Bromofluorobenzene
Concen: 46.396 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070150.D
Acq: 19 Aug 2021 03:49

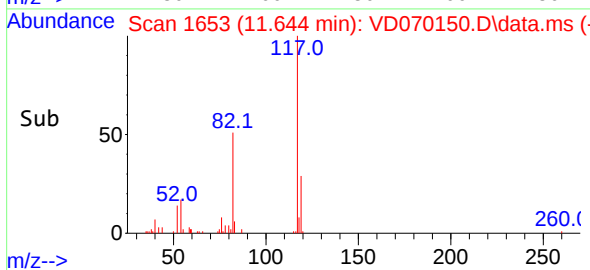
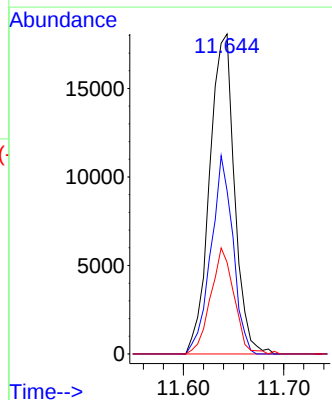
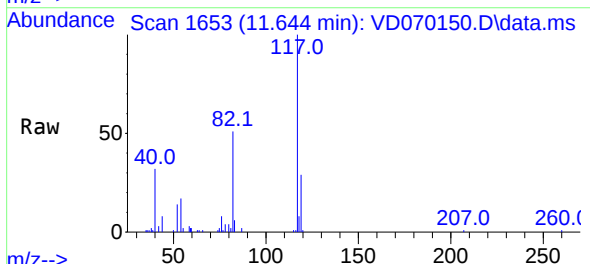
Instrument :
MSVOA_D
ClientSampleId :
SWCS-14-0205

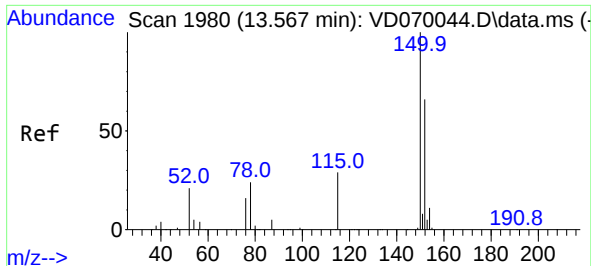
Tgt Ion:	95	Resp:	11975
Ion	Ratio	Lower	Upper
95	100		
174	82.7	0.0	141.6
176	78.4	0.0	138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.006 min
Lab File: VD070150.D
Acq: 19 Aug 2021 03:49

Tgt Ion:	117	Resp:	31113
Ion	Ratio	Lower	Upper
117	100		
82	51.0	47.5	71.3
119	28.6	25.1	37.7

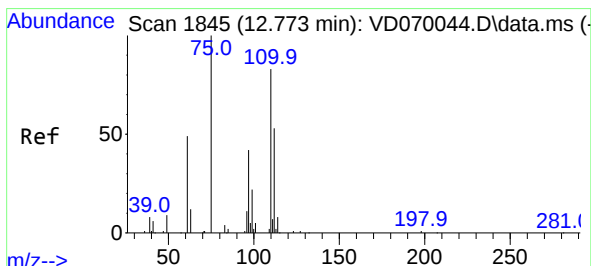
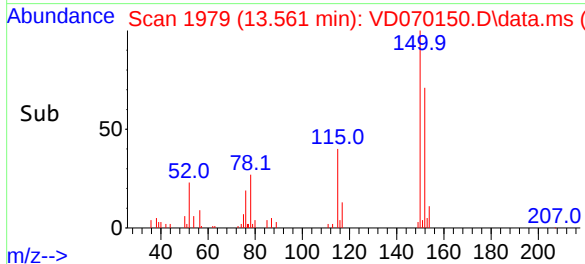
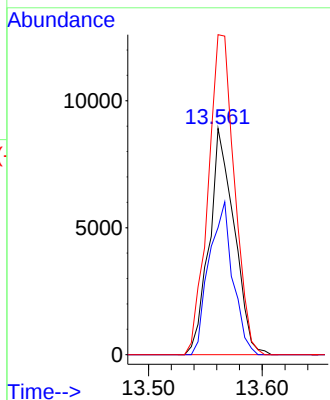
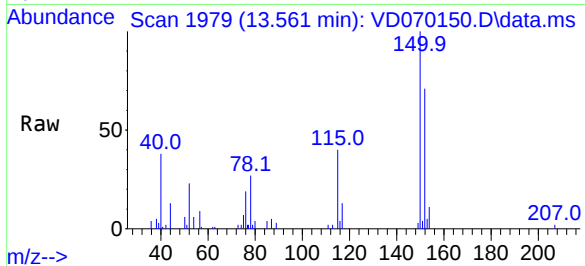




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD070150.D
Acq: 19 Aug 2021 03:49

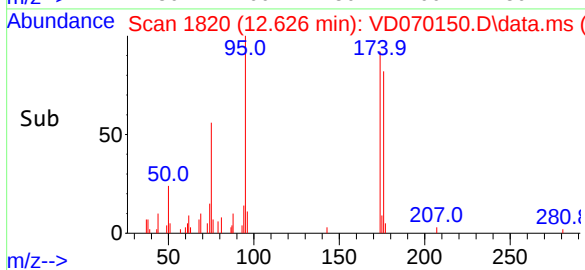
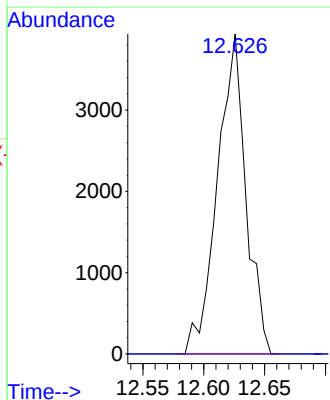
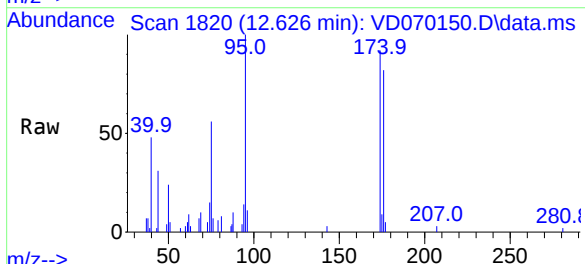
Instrument :
MSVOA_D
ClientSampleId :
SWCS-14-0205

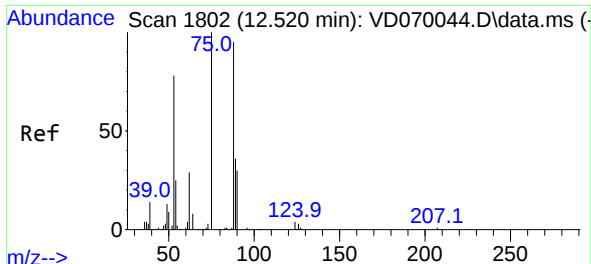
Tgt Ion:152 Resp: 13616
Ion Ratio Lower Upper
152 100
115 64.4 31.2 93.6
150 149.4 0.0 352.0



#76
1,2,3-Trichloropropane
Concen: 46.334 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070150.D
Acq: 19 Aug 2021 03:49

Tgt Ion: 75 Resp: 6398
Ion Ratio Lower Upper
75 100
77 0.0 182.4 547.2#

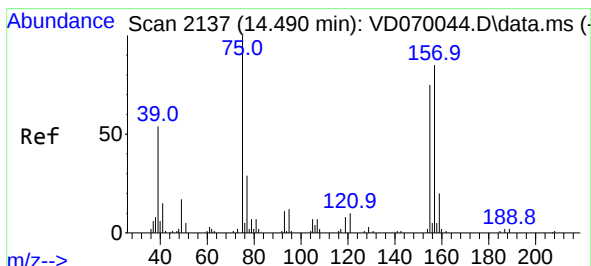
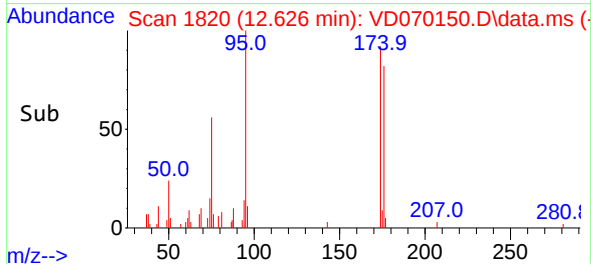
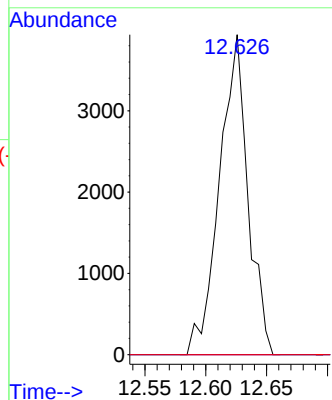
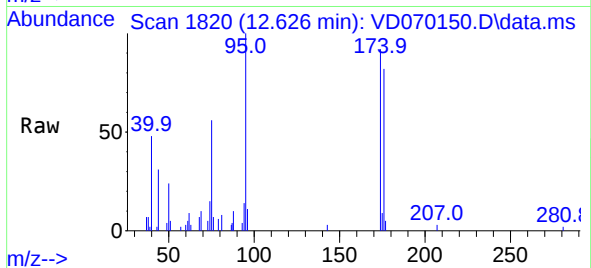




#81
trans-1,4-Dichloro-2-butene
Concen: 120.265 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070150.D
Acq: 19 Aug 2021 03:49

Instrument :
MSVOA_D
ClientSampleId :
SWCS-14-0205

Tgt Ion: 75 Resp: 6398
Ion Ratio Lower Upper
75 100
53 0.0 64.5 96.7#
89 0.0 33.7 50.5#



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.230 ug/l
RT: 14.496 min Scan# 2138
Delta R.T. 0.006 min
Lab File: VD070150.D
Acq: 19 Aug 2021 03:49

Tgt Ion: 75 Resp: 66
Ion Ratio Lower Upper
75 100
155 0.0 35.3 105.9#
157 0.0 46.8 140.3#

