

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081821\
 Data File : VD070151.D
 Acq On : 19 Aug 2021 04:18
 Operator : VA/SY
 Sample : M3418-05
 Misc : 13.94G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-14-0515

Quant Time: Aug 19 07:38:57 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)

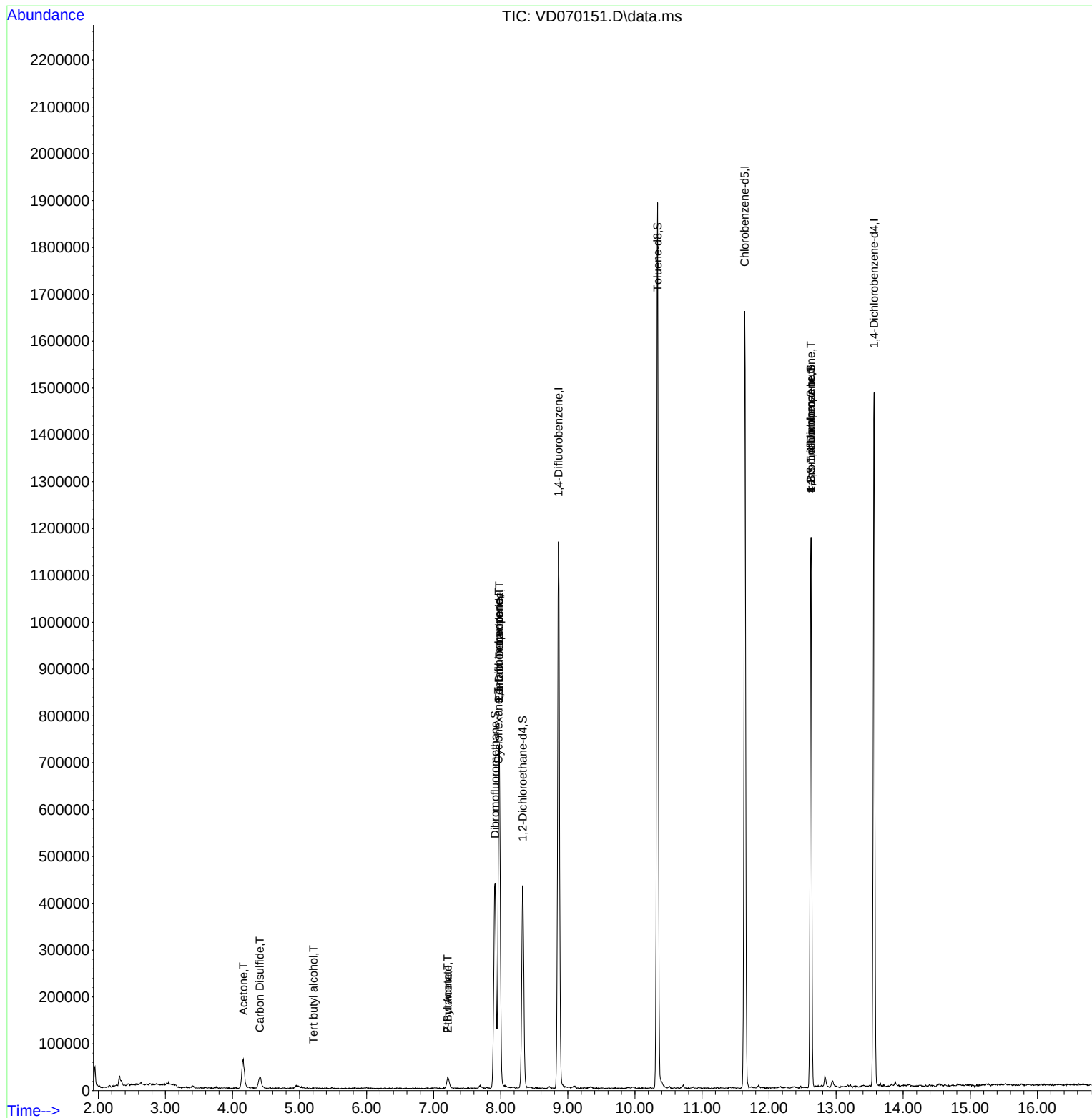
Internal Standards						
1) Pentafluorobenzene	7.973	168	520605	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	997355	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	960152	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	386604	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	335644	54.816	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.640%			
35) Dibromofluoromethane	7.914	113	334254	51.874	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.740%			
50) Toluene-d8	10.338	98	1273564	50.817	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.640%			
62) 4-Bromofluorobenzene	12.626	95	398424	48.266	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 96.540%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	571	Below Cal		92
3) Chloromethane	2.209	50	1135	Below Cal	#	87
5) Bromomethane	2.773	94	1867	Below Cal	#	78
11) Tert butyl alcohol	5.208	59	1219	3.602	ug/l #	71
16) Acetone	4.162	43	107210	95.046	ug/l	92
17) Carbon Disulfide	4.409	76	54075	2.418	ug/l	97
20) Methylene Chloride	4.950	84	2835	Below Cal	#	85
25) 2-Butanone	7.208	43	38211	24.791	ug/l #	86
31) Cyclohexane	7.967	56	14166	1.169	ug/l #	11
36) 1,1-Dichloropropene	7.973	75	46961	4.377	ug/l #	49
37) Ethyl Acetate	7.208	43	38211	9.805	ug/l #	68
38) Carbon Tetrachloride	7.979	117	56823	5.834	ug/l #	14
76) 1,2,3-Trichloropropane	12.626	75	197862	50.466	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	197862	130.991	ug/l #	18

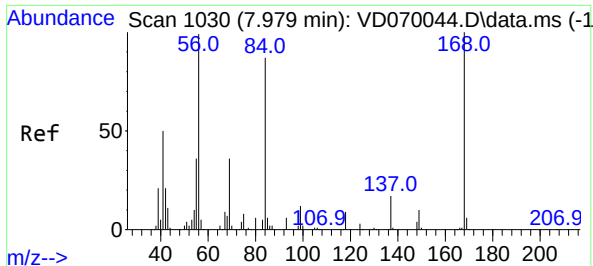
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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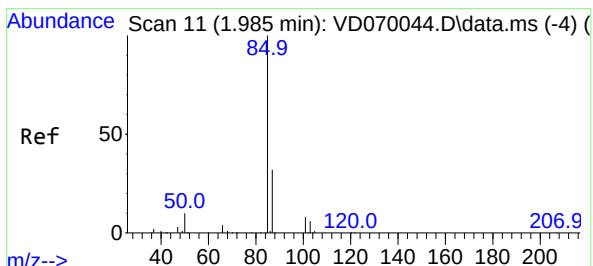
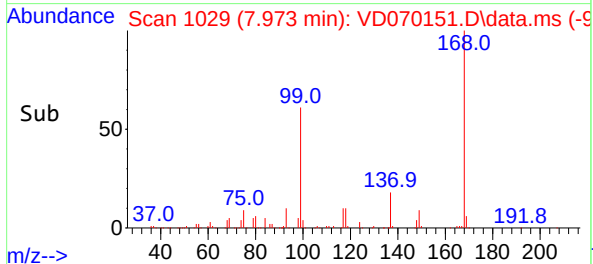
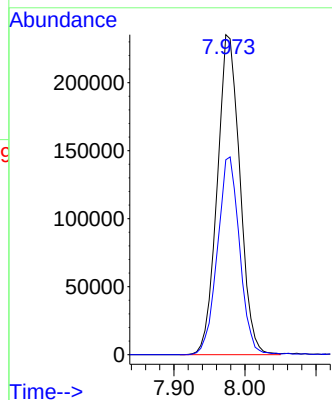
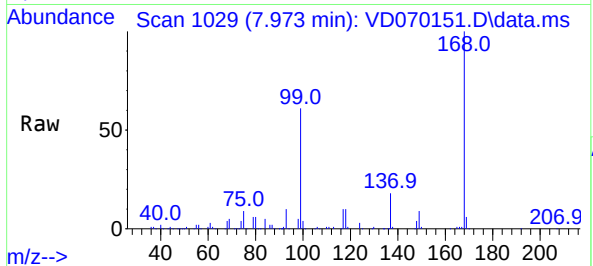




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070151.D
Acq: 19 Aug 2021 04:18

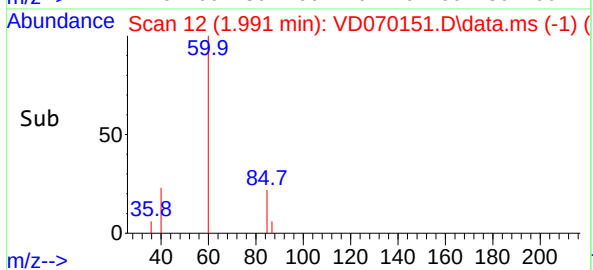
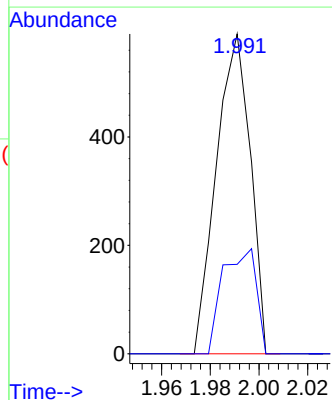
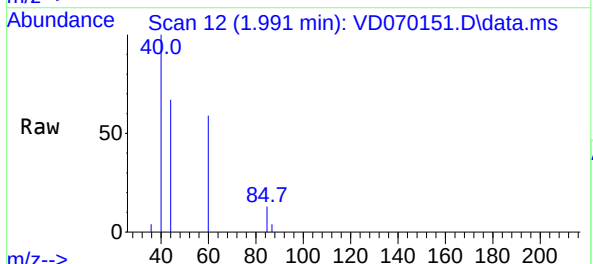
Instrument :
MSVOA_D
ClientSampleId :
SWCS-14-0515

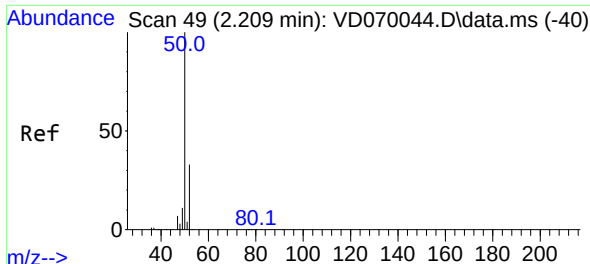
Tgt Ion:168 Resp: 520605
Ion Ratio Lower Upper
168 100
99 60.9 50.3 75.5



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.991 min Scan# 12
Delta R.T. 0.006 min
Lab File: VD070151.D
Acq: 19 Aug 2021 04:18

Tgt Ion: 85 Resp: 571
Ion Ratio Lower Upper
85 100
87 28.0 16.2 48.6

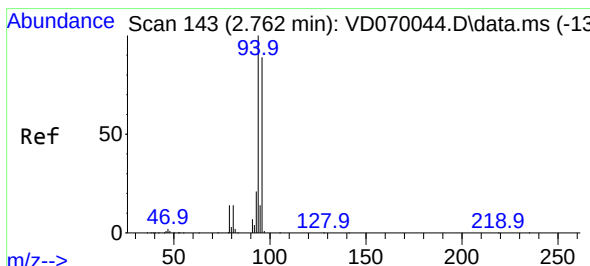
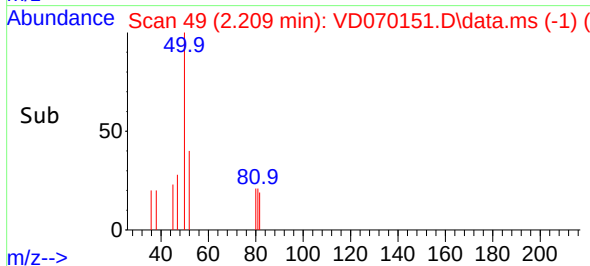
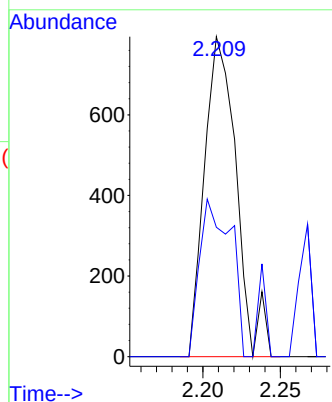
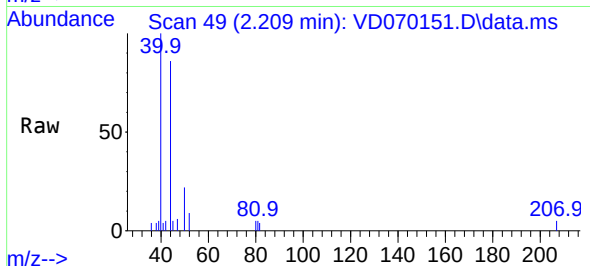




#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070151.D
Acq: 19 Aug 2021 04:18

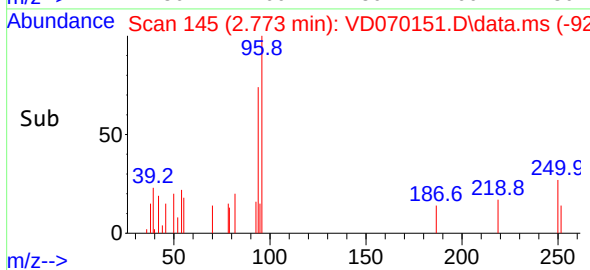
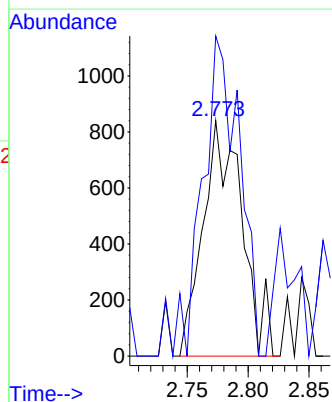
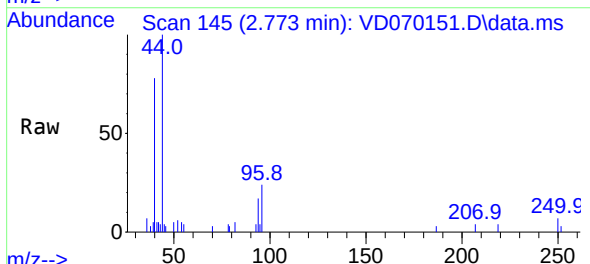
Instrument :
MSVOA_D
ClientSampleId :
SWCS-14-0515

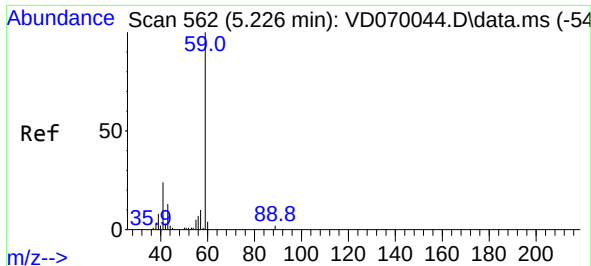
Tgt Ion: 50 Resp: 1135
Ion Ratio Lower Upper
50 100
52 40.4 26.3 39.5#



#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 145
Delta R.T. 0.011 min
Lab File: VD070151.D
Acq: 19 Aug 2021 04:18

Tgt Ion: 94 Resp: 1867
Ion Ratio Lower Upper
94 100
96 109.4 70.9 106.3#



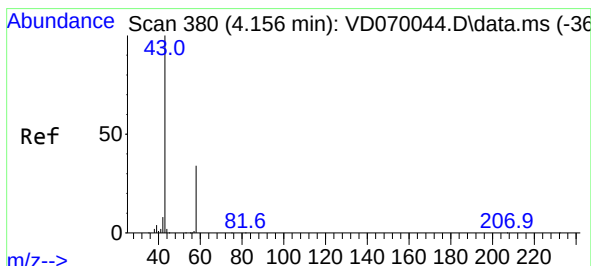
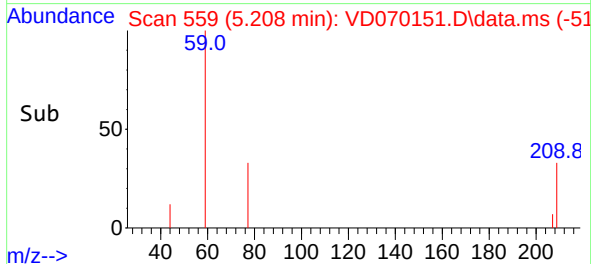
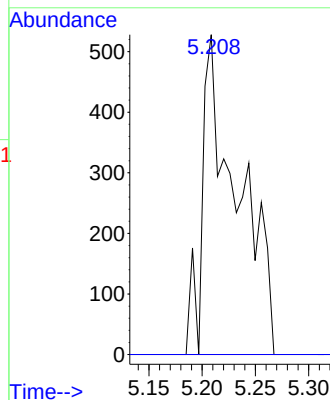
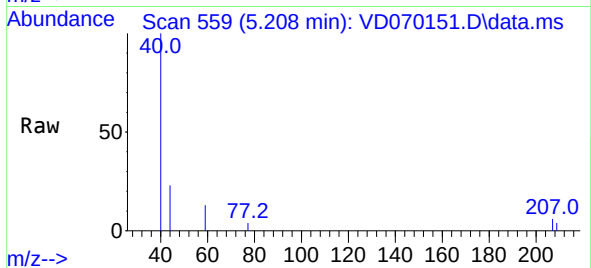


#11

Tert butyl alcohol
Concen: 3.602 ug/l
RT: 5.208 min Scan# 559
Delta R.T. -0.018 min
Lab File: VD070151.D
Acq: 19 Aug 2021 04:18

Instrument :
MSVOA_D
ClientSampleId :
SWCS-14-0515

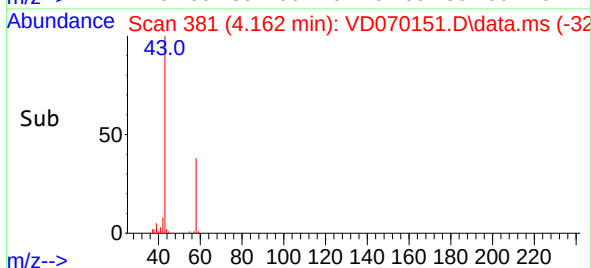
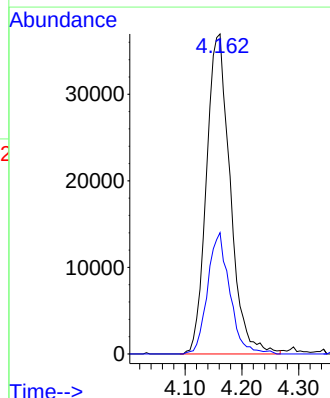
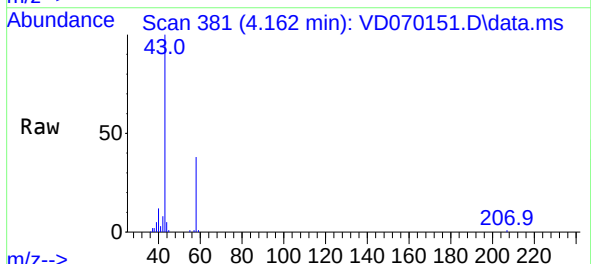
Tgt Ion: 59 Resp: 1219
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#

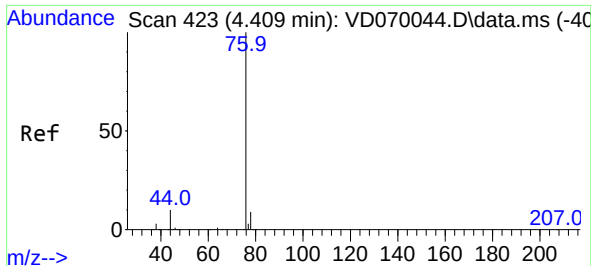


#16

Acetone
Concen: 95.046 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070151.D
Acq: 19 Aug 2021 04:18

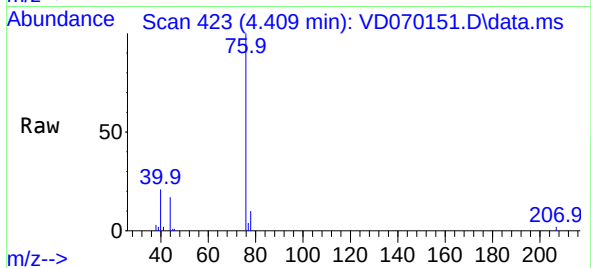
Tgt Ion: 43 Resp: 107210
Ion Ratio Lower Upper
43 100
58 37.9 26.8 40.2



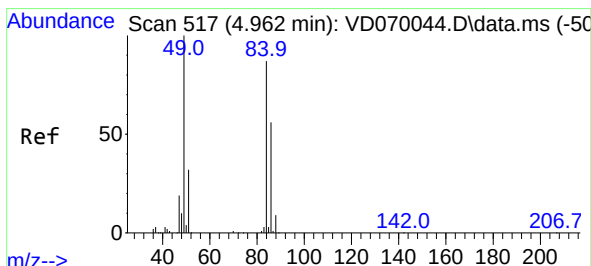
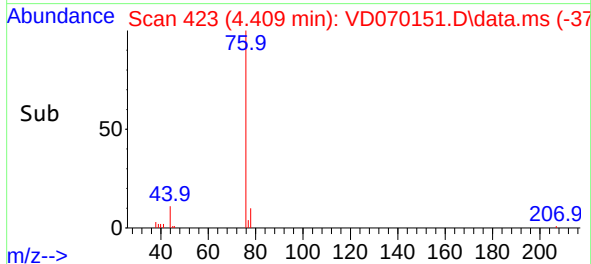
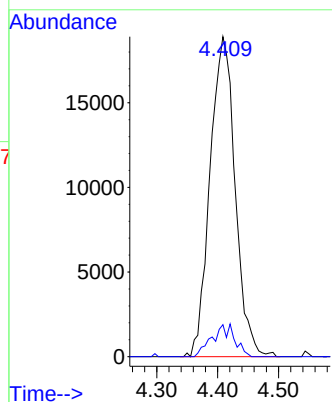


#17
Carbon Disulfide
Concen: 2.418 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD070151.D
Acq: 19 Aug 2021 04:18

Instrument :
MSVOA_D
ClientSampleId :
SWCS-14-0515

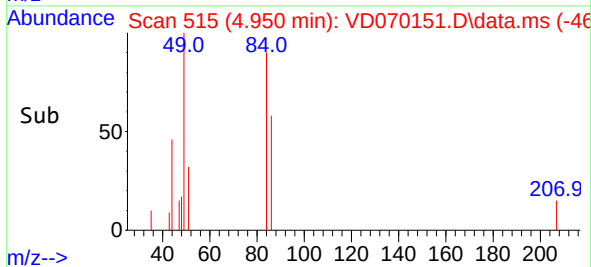
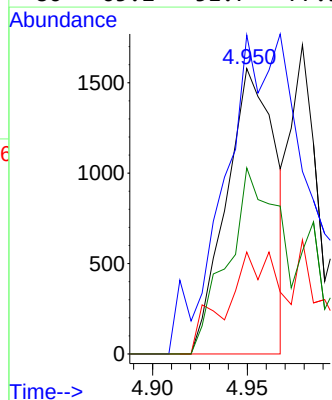
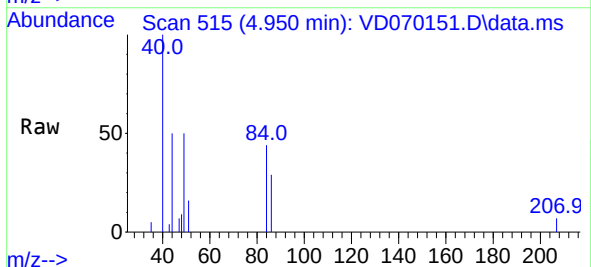


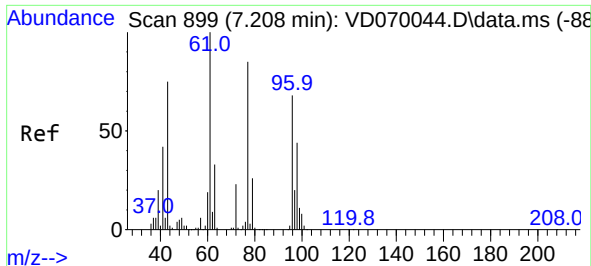
Tgt Ion: 76 Resp: 54075
Ion Ratio Lower Upper
76 100
78 10.0 7.1 10.7



#20
Methylene Chloride
Concen: Below Cal
RT: 4.950 min Scan# 515
Delta R.T. -0.012 min
Lab File: VD070151.D
Acq: 19 Aug 2021 04:18

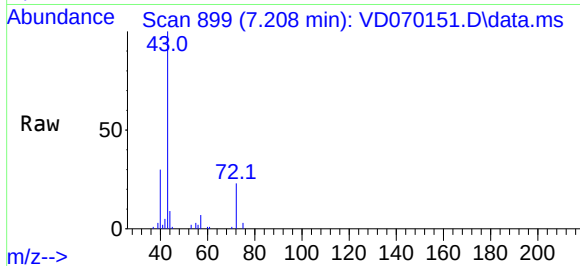
Tgt Ion: 84 Resp: 2835
Ion Ratio Lower Upper
84 100
49 85.9 92.5 138.7#
51 35.7 29.7 44.5
86 65.2 51.7 77.5



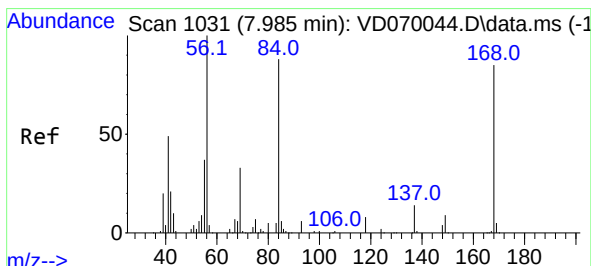
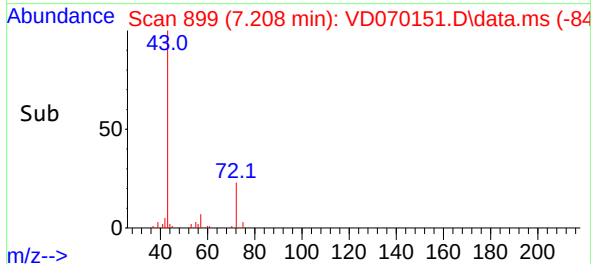
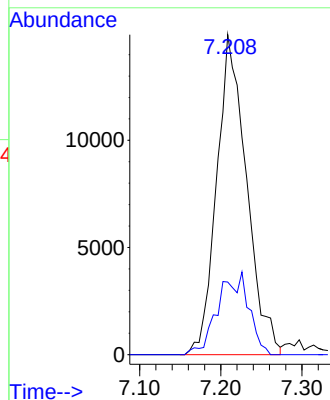


#25
2-Butanone
Concen: 24.791 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD070151.D
Acq: 19 Aug 2021 04:18

Instrument :
MSVOA_D
ClientSampleId :
SWCS-14-0515

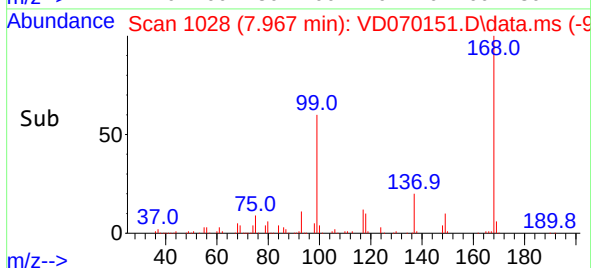
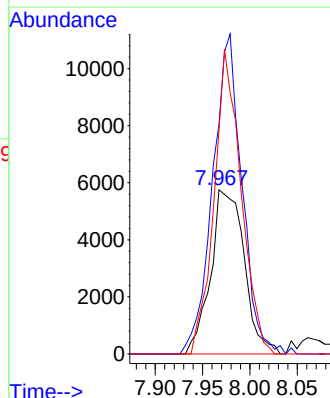
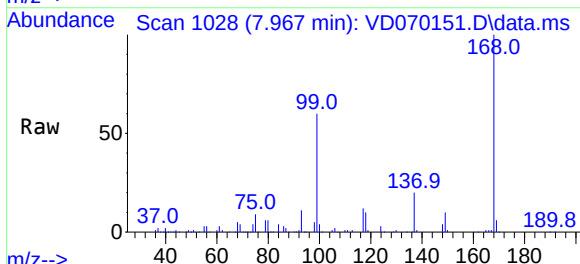


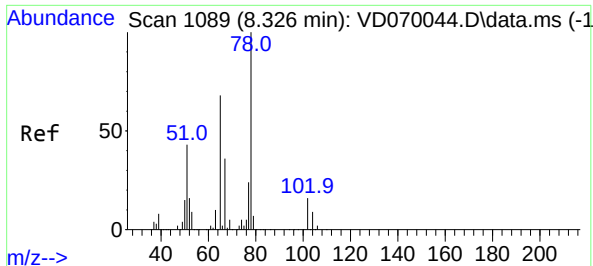
Tgt Ion: 43 Resp: 38211
Ion Ratio Lower Upper
43 100
72 22.7 24.2 36.4#



#31
Cyclohexane
Concen: 1.169 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.018 min
Lab File: VD070151.D
Acq: 19 Aug 2021 04:18

Tgt Ion: 56 Resp: 14166
Ion Ratio Lower Upper
56 100
69 139.9 26.7 40.1#
84 135.5 70.4 105.6#



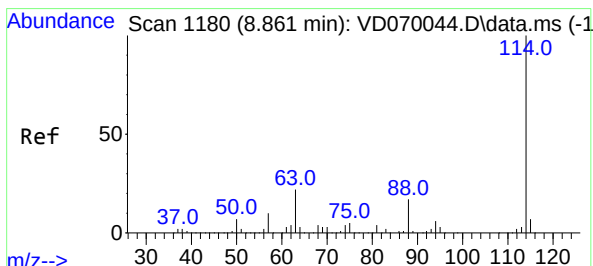
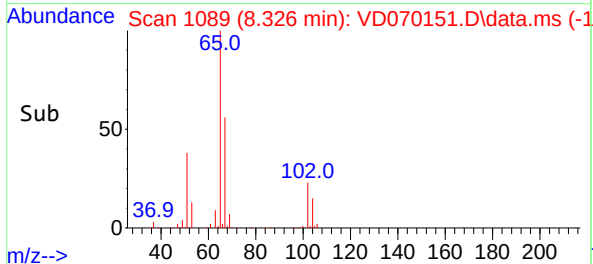
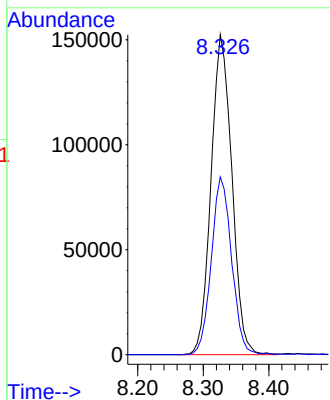
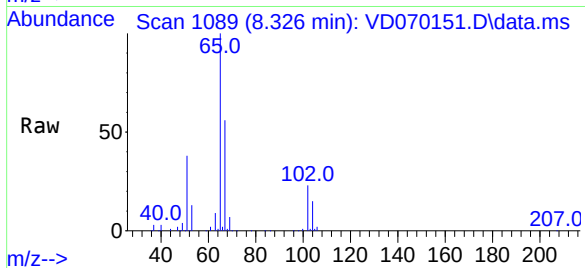


#33

1,2-Dichloroethane-d4
Concen: 54.816 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070151.D
Acq: 19 Aug 2021 04:18

Instrument :
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ClientSampleId :
SWCS-14-0515

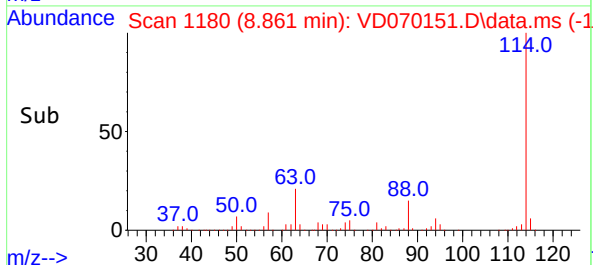
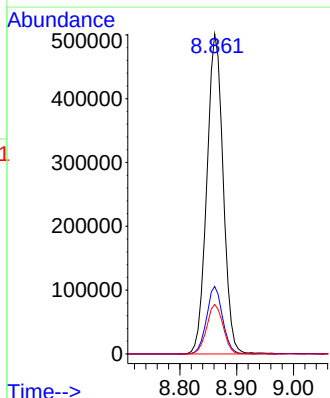
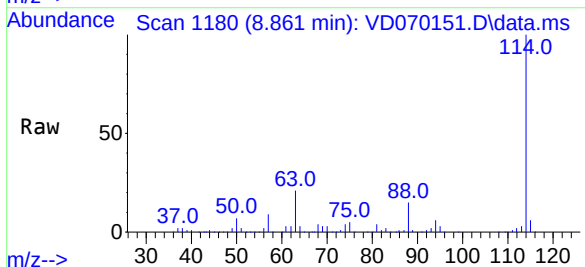
Tgt Ion: 65 Resp: 335644
Ion Ratio Lower Upper
65 100
67 54.0 0.0 107.8

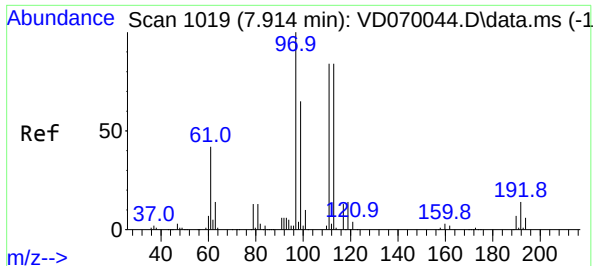


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070151.D
Acq: 19 Aug 2021 04:18

Tgt Ion: 114 Resp: 997355
Ion Ratio Lower Upper
114 100
63 21.1 0.0 43.6
88 15.4 0.0 33.4

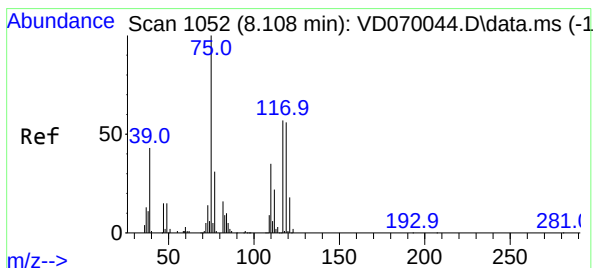
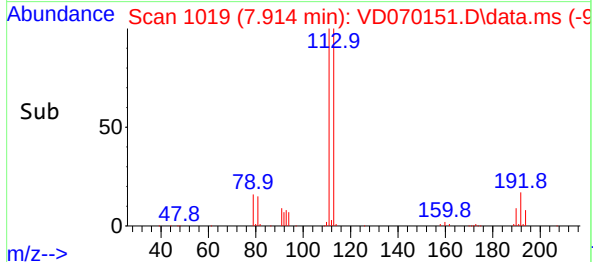
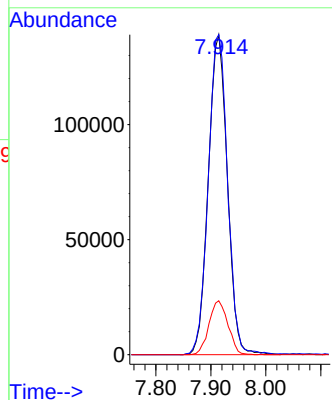
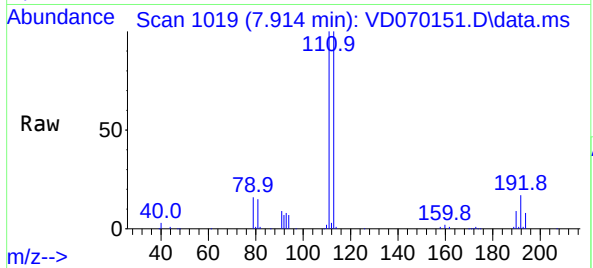




#35
Dibromofluoromethane
Concen: 51.874 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070151.D
Acq: 19 Aug 2021 04:18

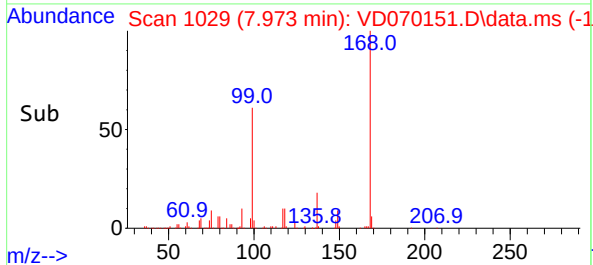
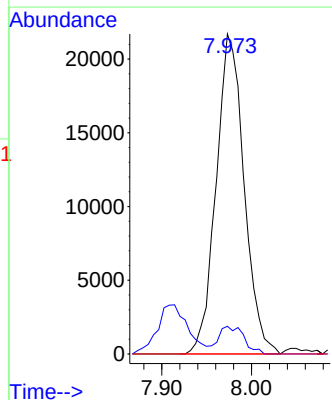
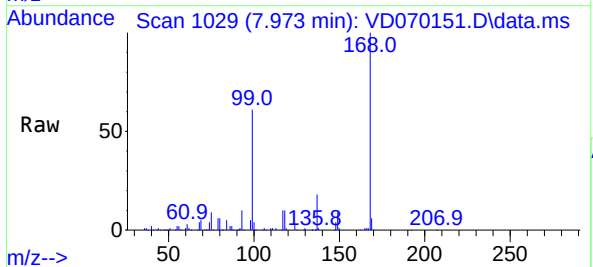
Instrument :
MSVOA_D
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SWCS-14-0515

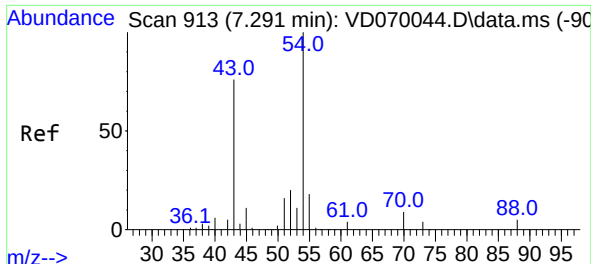
Tgt Ion:113 Resp: 334254
Ion Ratio Lower Upper
113 100
111 101.7 81.8 122.6
192 16.8 13.2 19.8



#36
1,1-Dichloropropene
Concen: 4.377 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD070151.D
Acq: 19 Aug 2021 04:18

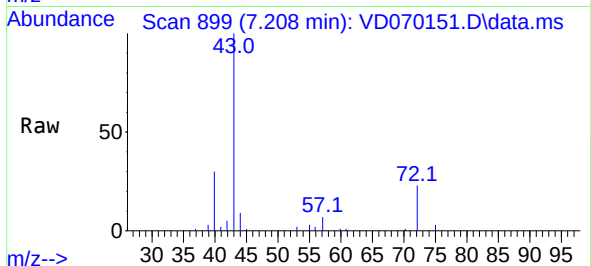
Tgt Ion: 75 Resp: 46961
Ion Ratio Lower Upper
75 100
110 8.0 16.9 50.7#
77 0.0 25.2 37.8#



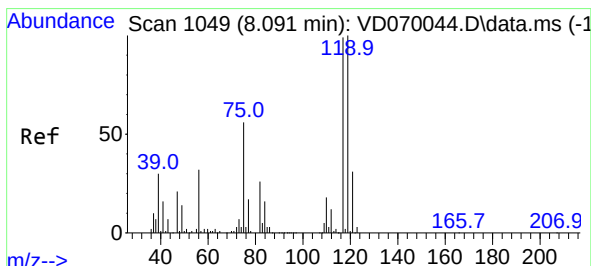
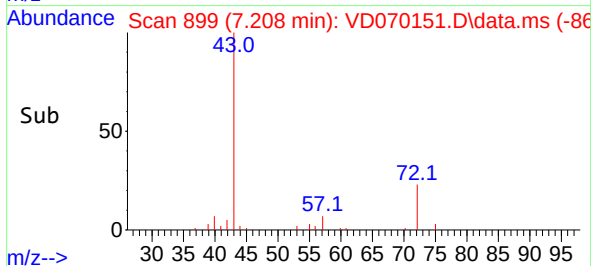
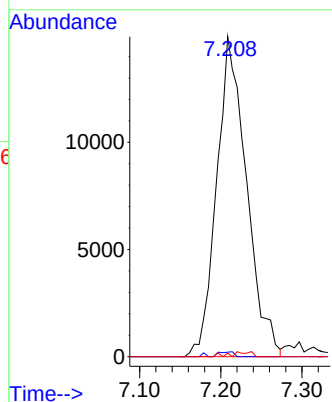


#37
Ethyl Acetate
Concen: 9.805 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.082 min
Lab File: VD070151.D
Acq: 19 Aug 2021 04:18

Instrument :
MSVOA_D
ClientSampleId :
SWCS-14-0515

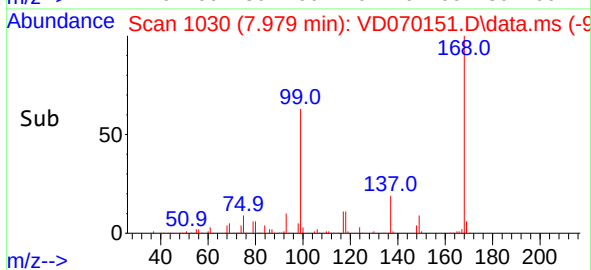
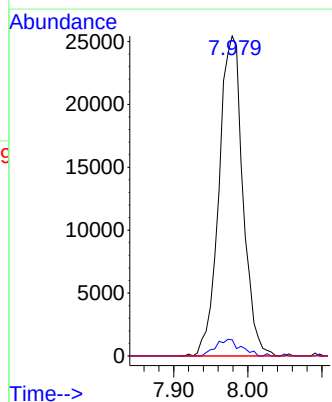
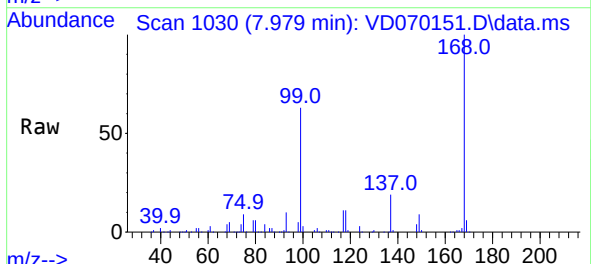


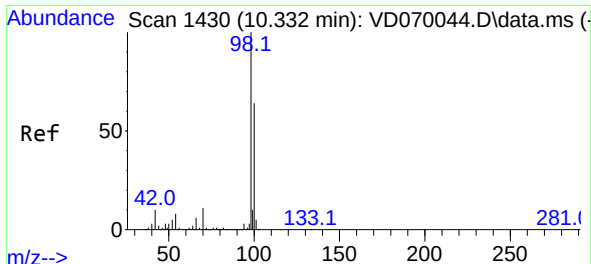
Tgt Ion: 43 Resp: 38211
Ion Ratio Lower Upper
43 100
61 0.8 11.8 17.6#
70 0.2 9.0 13.6#



#38
Carbon Tetrachloride
Concen: 5.834 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.112 min
Lab File: VD070151.D
Acq: 19 Aug 2021 04:18

Tgt Ion: 117 Resp: 56823
Ion Ratio Lower Upper
117 100
119 5.0 81.0 121.6#
121 0.0 25.0 37.6#

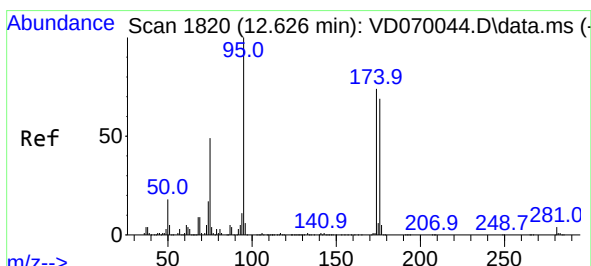
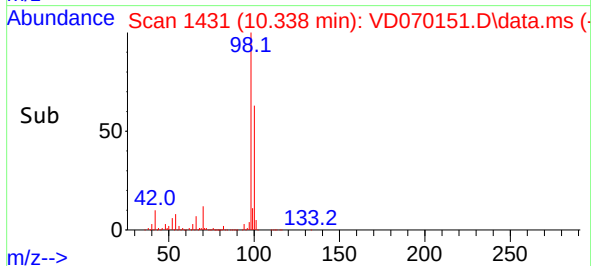
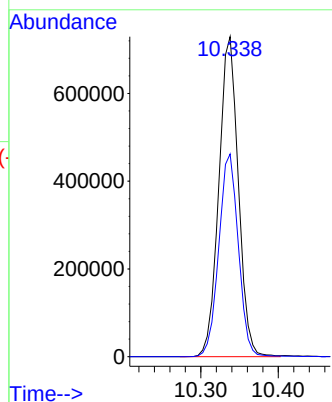
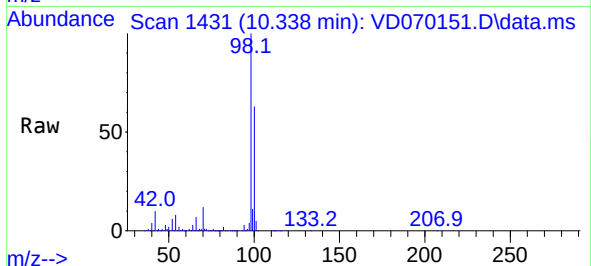




#50
Toluene-d8
Concen: 50.817 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070151.D
Acq: 19 Aug 2021 04:18

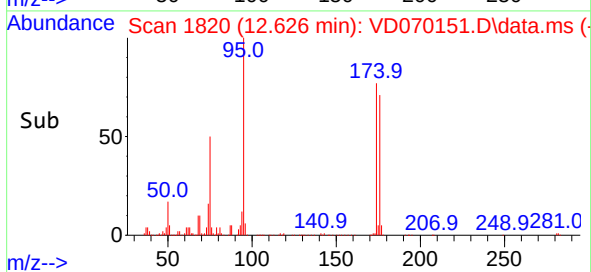
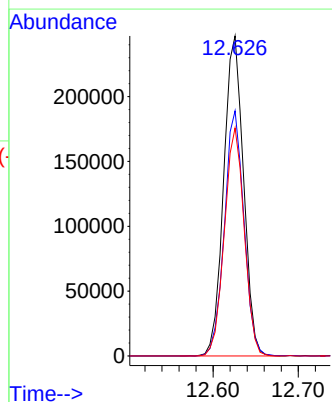
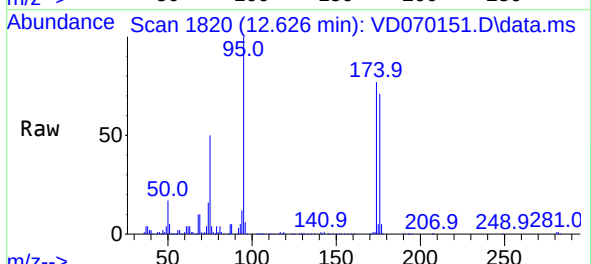
Instrument :
MSVOA_D
ClientSampleId :
SWCS-14-0515

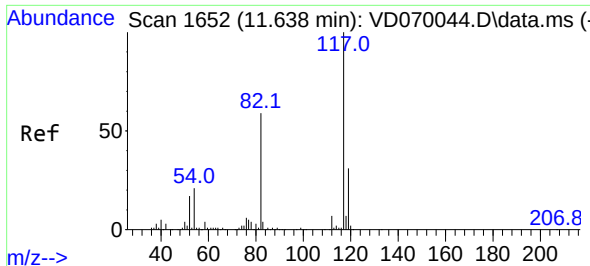
Tgt Ion: 98 Resp: 1273564
Ion Ratio Lower Upper
98 100
100 63.6 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 48.266 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070151.D
Acq: 19 Aug 2021 04:18

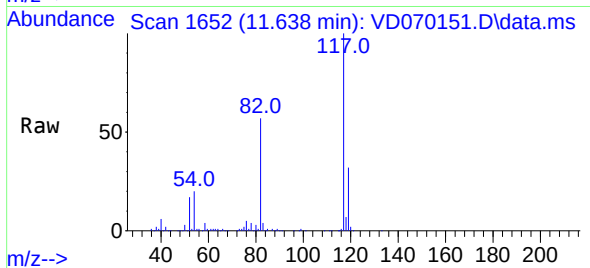
Tgt Ion: 95 Resp: 398424
Ion Ratio Lower Upper
95 100
174 75.5 0.0 141.6
176 71.1 0.0 138.2



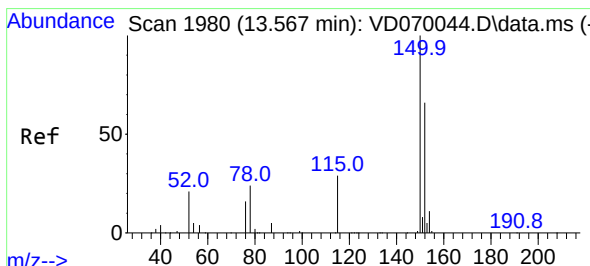
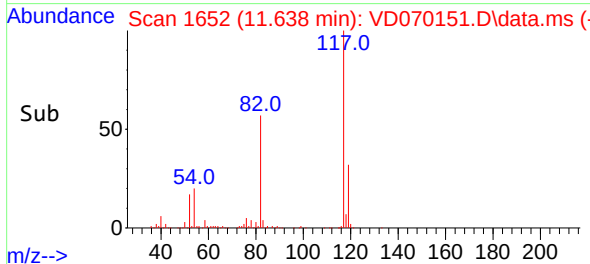
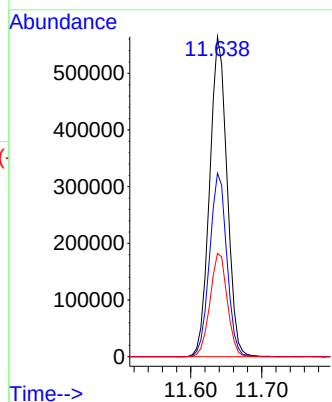


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070151.D
Acq: 19 Aug 2021 04:18

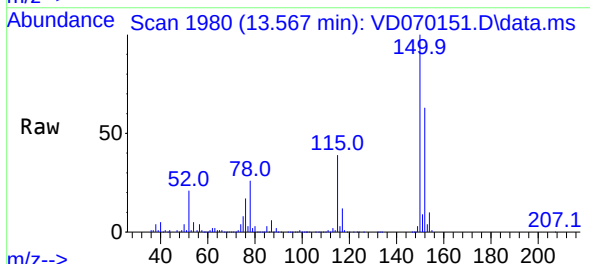
Instrument :
MSVOA_D
ClientSampleId :
SWCS-14-0515



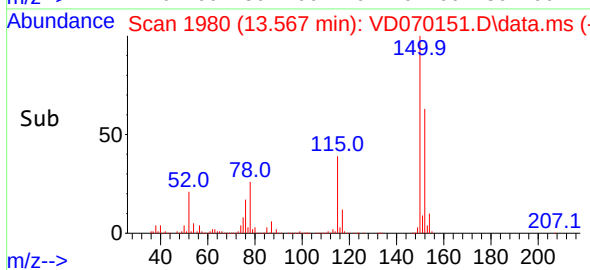
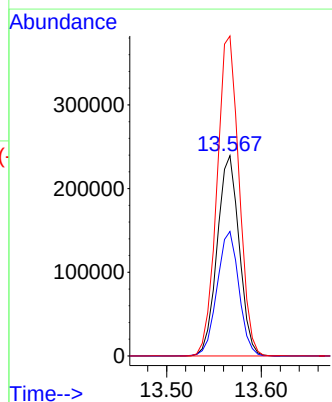
Tgt Ion:117 Resp: 960152
Ion Ratio Lower Upper
117 100
82 57.3 47.5 71.3
119 32.2 25.1 37.7

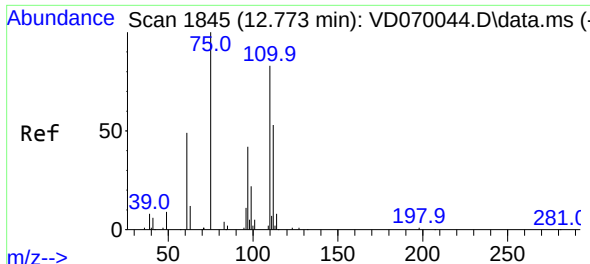


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070151.D
Acq: 19 Aug 2021 04:18



Tgt Ion:152 Resp: 386604
Ion Ratio Lower Upper
152 100
115 61.9 31.2 93.6
150 160.2 0.0 352.0

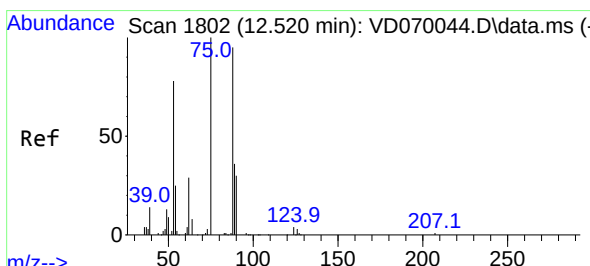
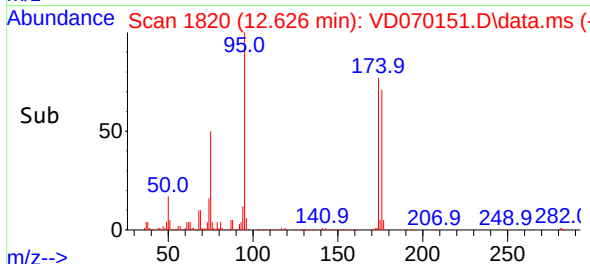
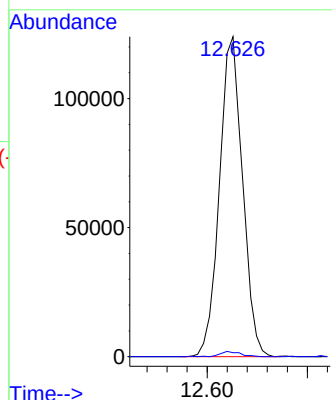
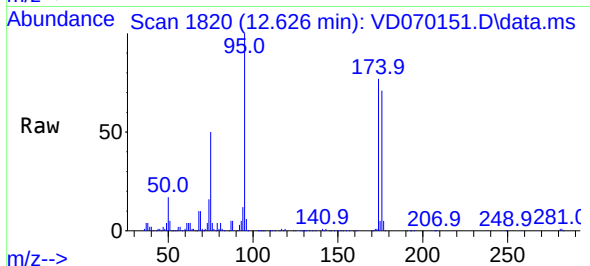




#76
1,2,3-Trichloropropane
Concen: 50.466 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070151.D
Acq: 19 Aug 2021 04:18

Instrument :
MSVOA_D
ClientSampleId :
SWCS-14-0515

Tgt Ion: 75 Resp: 197862
Ion Ratio Lower Upper
75 100
77 1.4 182.4 547.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 130.991 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070151.D
Acq: 19 Aug 2021 04:18

Tgt Ion: 75 Resp: 197862
Ion Ratio Lower Upper
75 100
53 0.3 64.5 96.7#
89 0.0 33.7 50.5#

