

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081821\
 Data File : VD070152.D
 Acq On : 19 Aug 2021 04:46
 Operator : VA/SY
 Sample : M3418-06
 Misc : 5.25G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-15-0002

Quant Time: Aug 19 07:39:13 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)

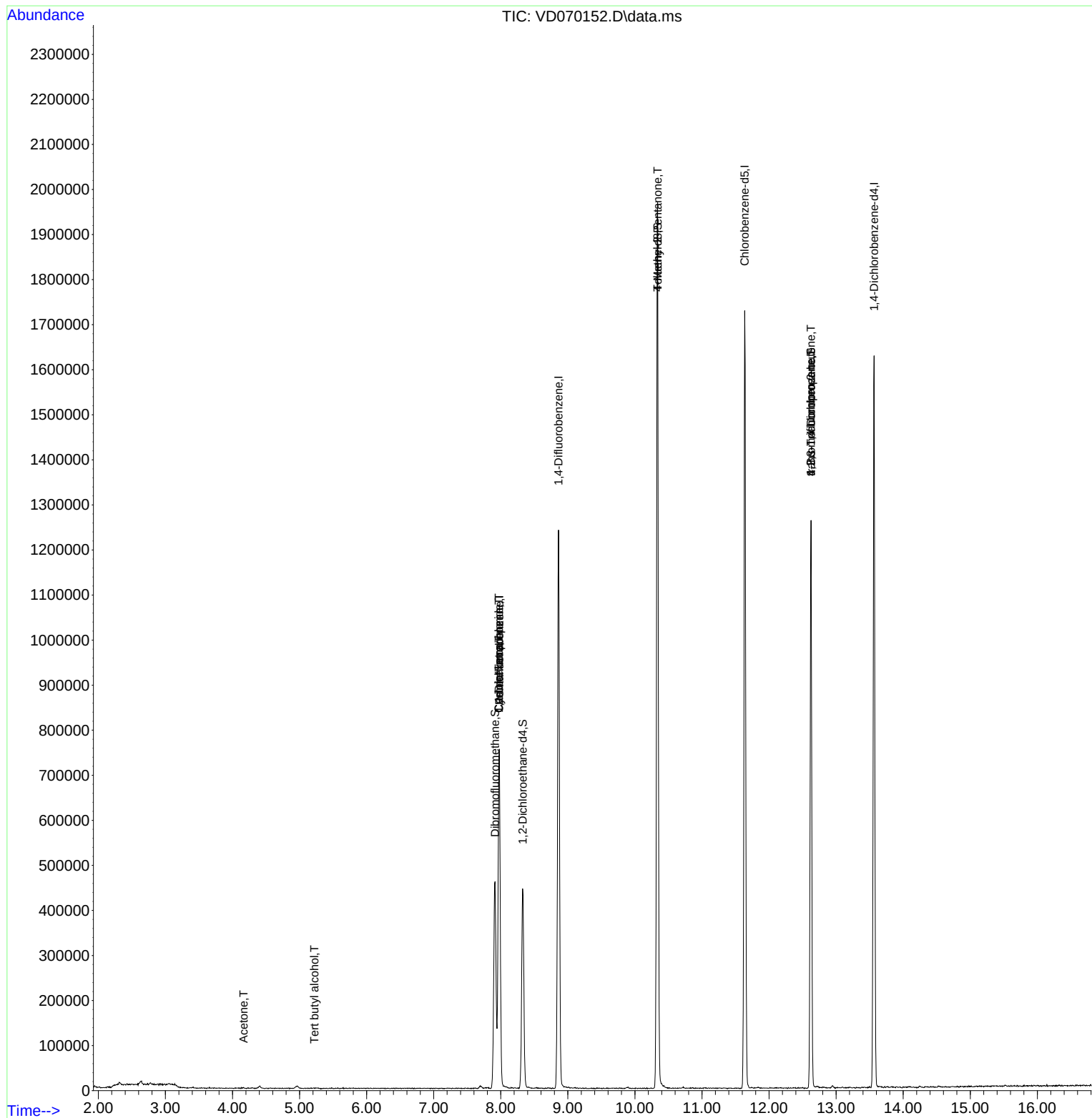
Internal Standards						
1) Pentafluorobenzene	7.979	168	534618	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1043748	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	1013265	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	423373	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	350229	55.698	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.400%			
35) Dibromofluoromethane	7.914	113	343651	50.962	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.920%			
50) Toluene-d8	10.338	98	1350883	51.506	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.020%			
62) 4-Bromofluorobenzene	12.626	95	434735	50.324	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.640%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	309	Below Cal	#	42
3) Chloromethane	2.203	50	876	Below Cal	#	85
5) Bromomethane	2.779	94	2545	Below Cal	#	72
11) Tert butyl alcohol	5.220	59	610	1.755	ug/l #	71
16) Acetone	4.167	43	1981	1.710	ug/l #	86
20) Methylene Chloride	4.961	84	3690	Below Cal	#	75
31) Cyclohexane	7.973	56	12994	1.044	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	46783	4.166	ug/l #	49
38) Carbon Tetrachloride	7.973	117	57681	5.658	ug/l #	14
51) 4-Methyl-2-Pentanone	10.338	43	5440	1.374	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	203720	47.448	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	203720	123.156	ug/l #	18

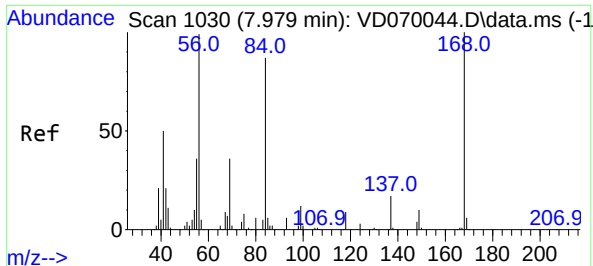
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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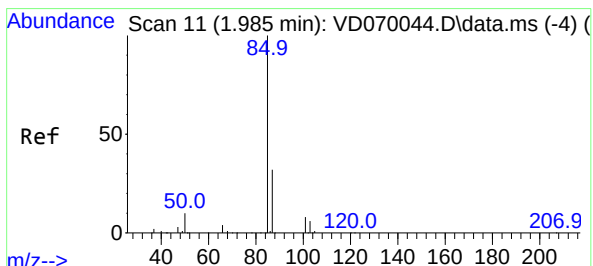
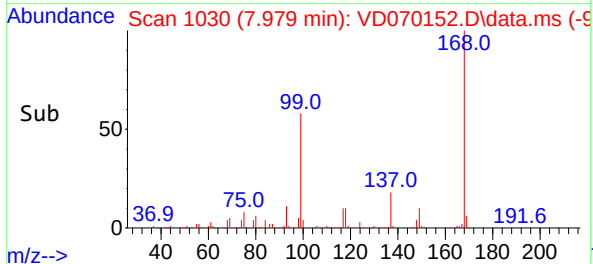
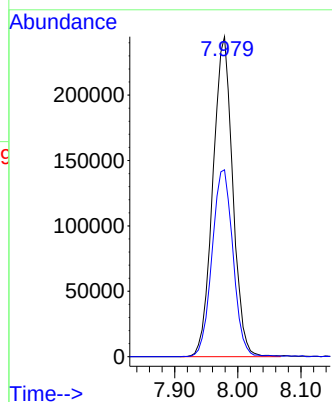
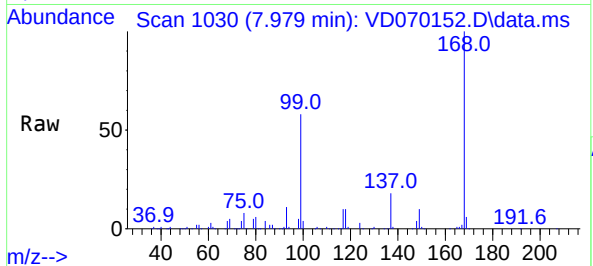




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070152.D
Acq: 19 Aug 2021 04:46

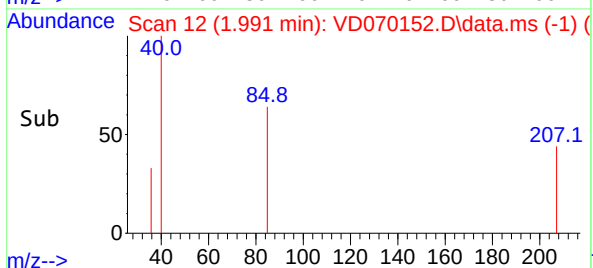
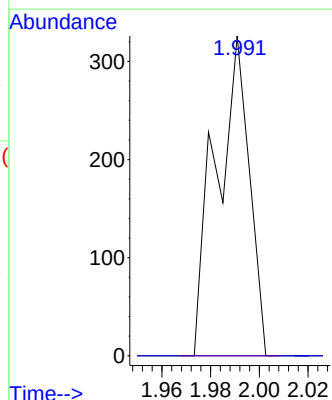
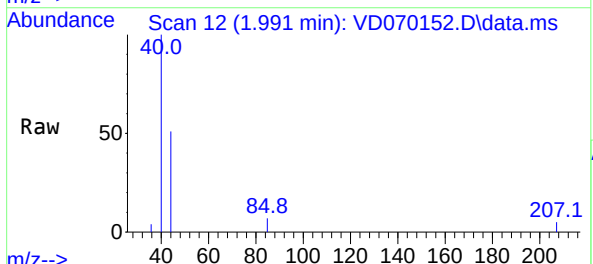
Instrument :
MSVOA_D
ClientSampleId :
SWCS-15-0002

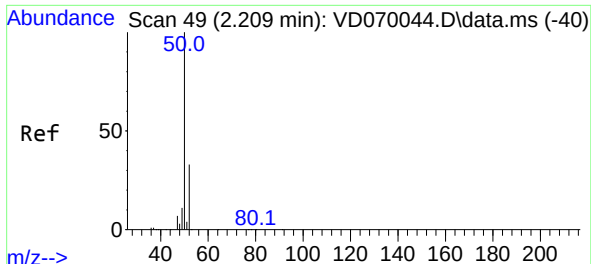
Tgt Ion:168 Resp: 534618
Ion Ratio Lower Upper
168 100
99 58.4 50.3 75.5



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.991 min Scan# 12
Delta R.T. 0.006 min
Lab File: VD070152.D
Acq: 19 Aug 2021 04:46

Tgt Ion: 85 Resp: 309
Ion Ratio Lower Upper
85 100
87 0.0 16.2 48.6#

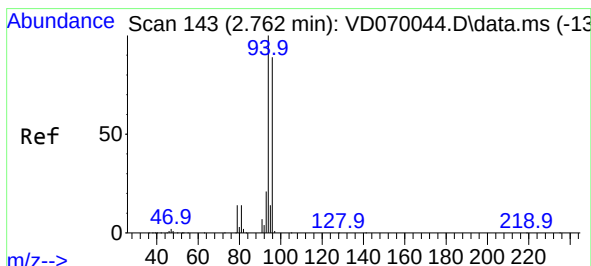
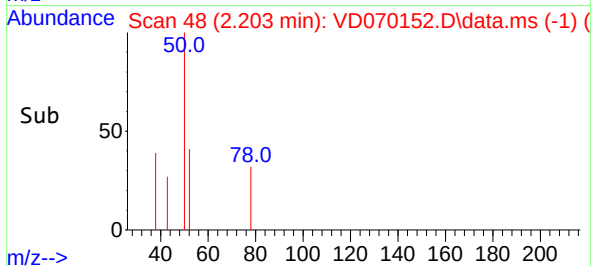
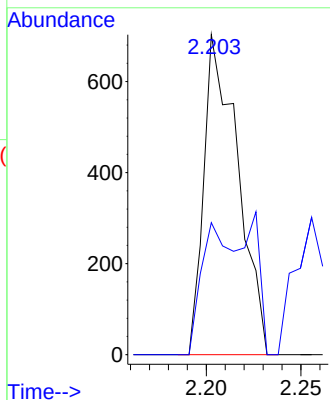
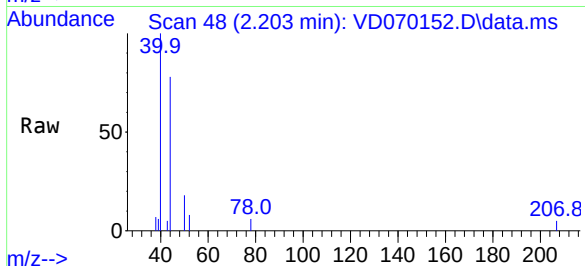




#3
Chloromethane
Concen: Below Cal
RT: 2.203 min Scan# 48
Delta R.T. -0.006 min
Lab File: VD070152.D
Acq: 19 Aug 2021 04:46

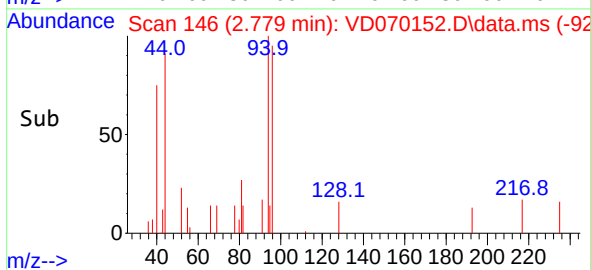
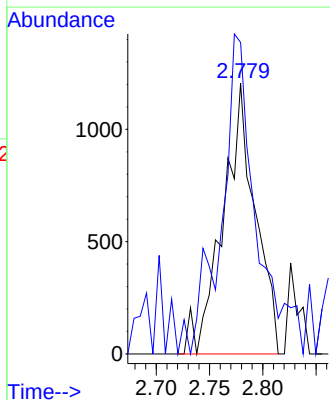
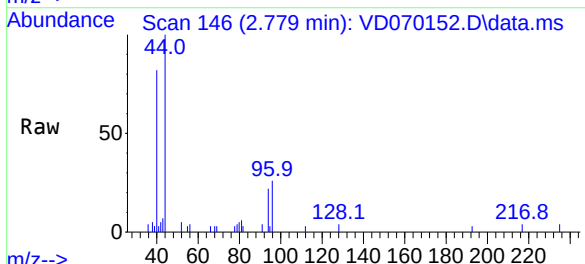
Instrument :
MSVOA_D
ClientSampleId :
SWCS-15-0002

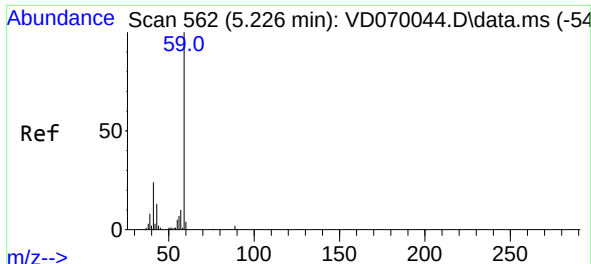
Tgt Ion: 50 Resp: 876
Ion Ratio Lower Upper
50 100
52 41.3 26.3 39.5#



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.017 min
Lab File: VD070152.D
Acq: 19 Aug 2021 04:46

Tgt Ion: 94 Resp: 2545
Ion Ratio Lower Upper
94 100
96 115.0 70.9 106.3#



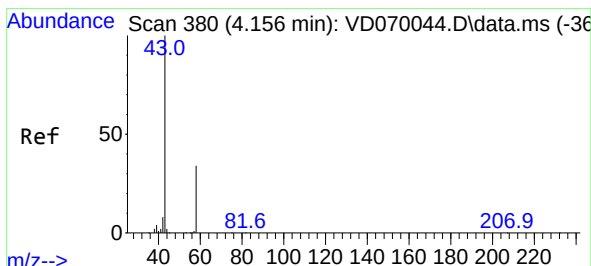
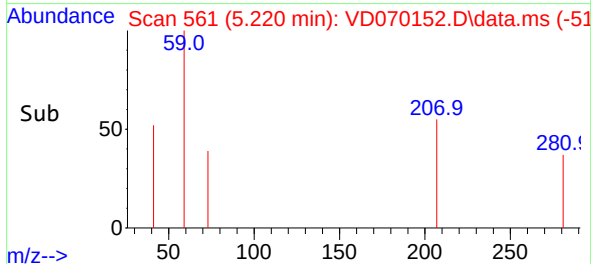
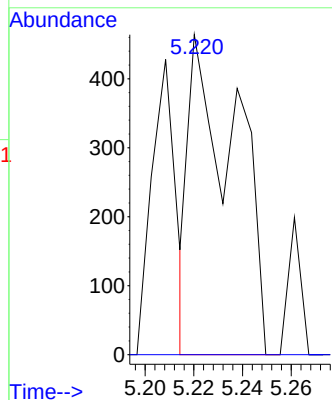
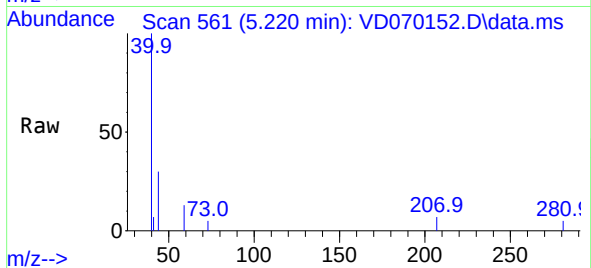


#11

Tert butyl alcohol
Concen: 1.755 ug/l
RT: 5.220 min Scan# 561
Delta R.T. -0.006 min
Lab File: VD070152.D
Acq: 19 Aug 2021 04:46

Instrument :
MSVOA_D
ClientSampleId :
SWCS-15-0002

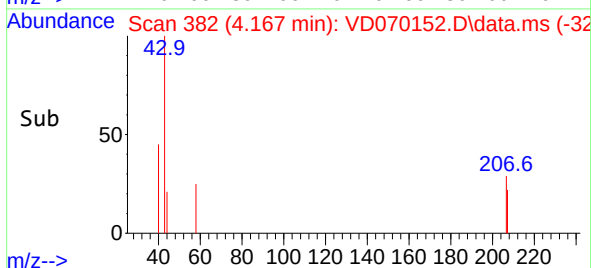
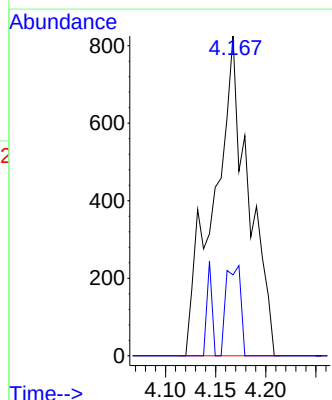
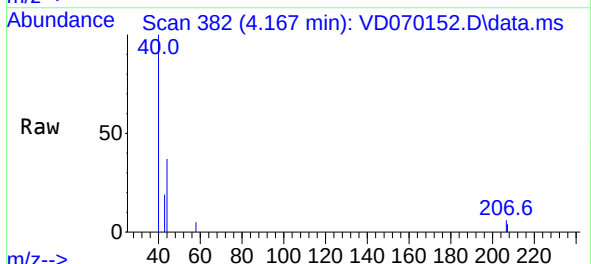
Tgt Ion: 59 Resp: 610
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#

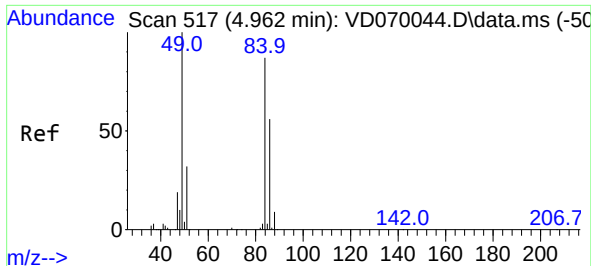


#16

Acetone
Concen: 1.710 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD070152.D
Acq: 19 Aug 2021 04:46

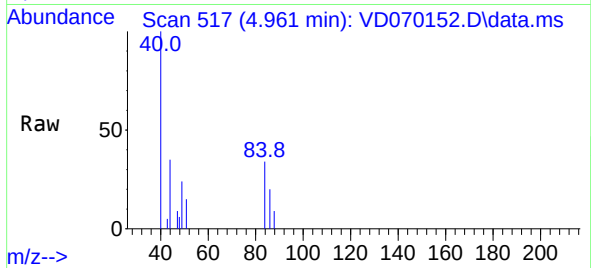
Tgt Ion: 43 Resp: 1981
Ion Ratio Lower Upper
43 100
58 25.3 26.8 40.2#





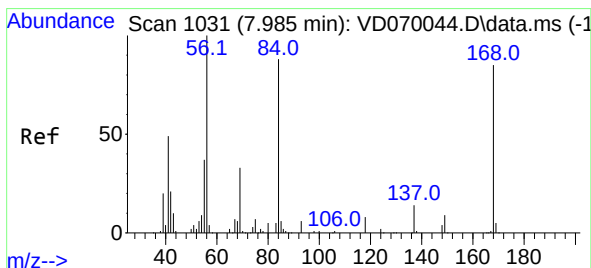
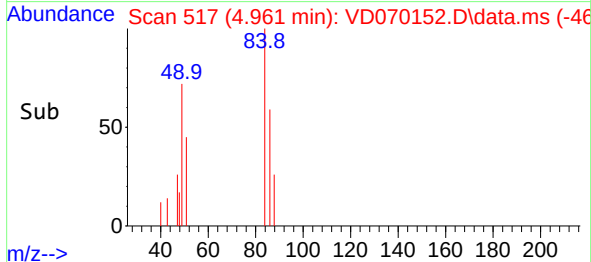
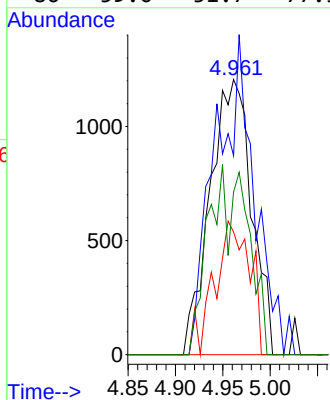
#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD070152.D
Acq: 19 Aug 2021 04:46

Instrument :
MSVOA_D
ClientSampleId :
SWCS-15-0002



Tgt Ion: 84 Resp: 3690

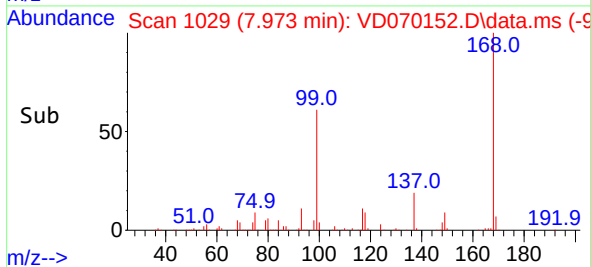
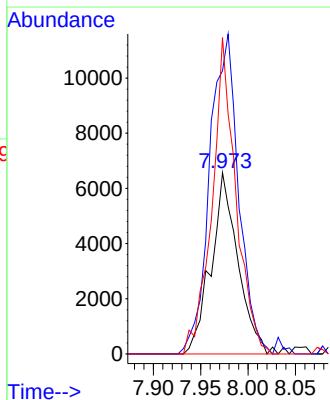
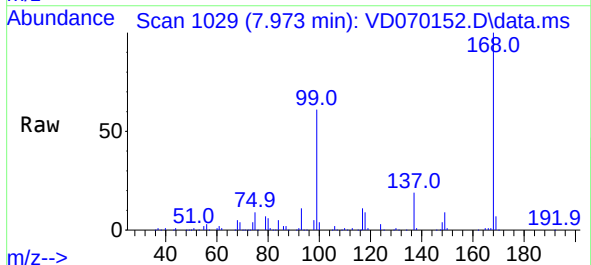
Ion	Ratio	Lower	Upper
84	100		
49	72.3	92.5	138.7#
51	44.6	29.7	44.5#
86	59.0	51.7	77.5

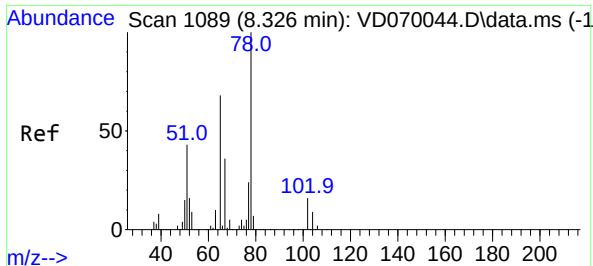


#31
Cyclohexane
Concen: 1.044 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD070152.D
Acq: 19 Aug 2021 04:46

Tgt Ion: 56 Resp: 12994

Ion	Ratio	Lower	Upper
56	100		
69	156.2	26.7	40.1#
84	174.5	70.4	105.6#



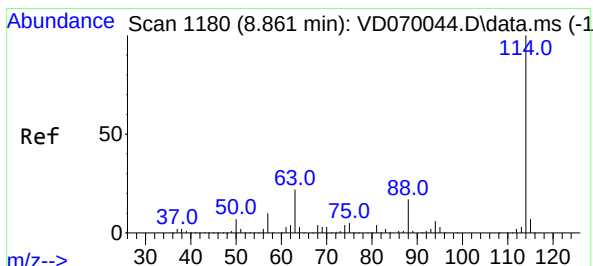
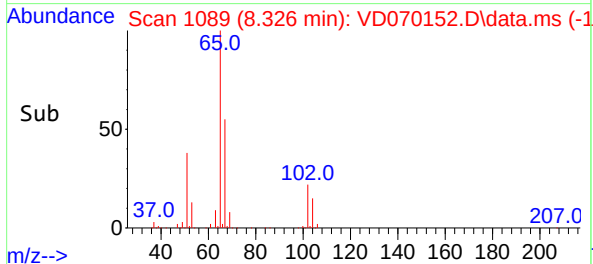
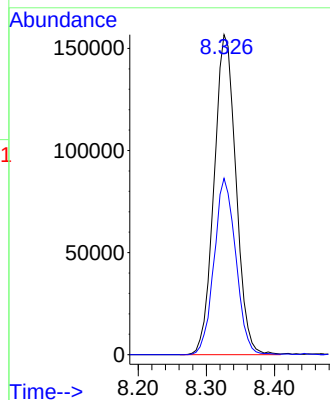
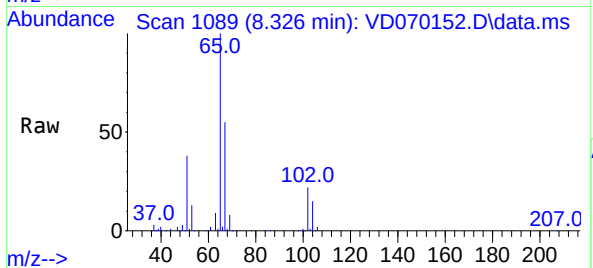


#33

1,2-Dichloroethane-d4
Concen: 55.698 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070152.D
Acq: 19 Aug 2021 04:46

Instrument :
MSVOA_D
ClientSampleId :
SWCS-15-0002

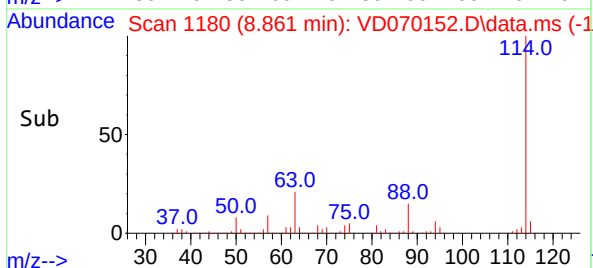
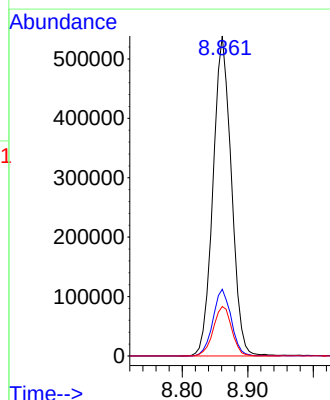
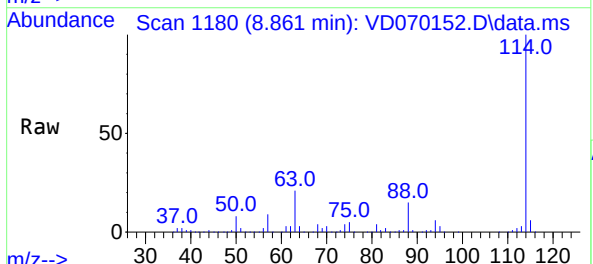
Tgt Ion: 65 Resp: 350229
Ion Ratio Lower Upper
65 100
67 54.6 0.0 107.8

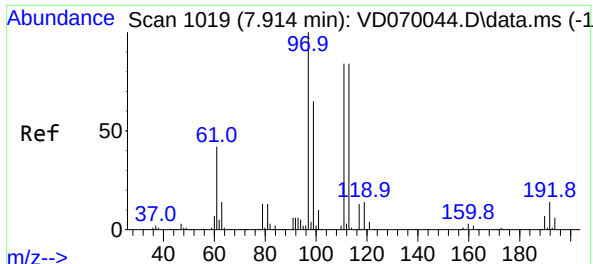


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070152.D
Acq: 19 Aug 2021 04:46

Tgt Ion: 114 Resp: 1043748
Ion Ratio Lower Upper
114 100
63 20.9 0.0 43.6
88 15.5 0.0 33.4

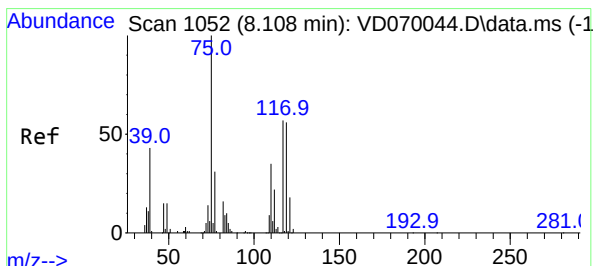
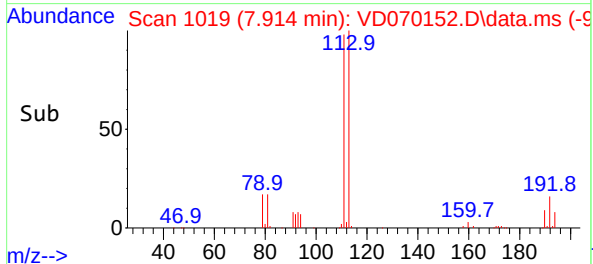
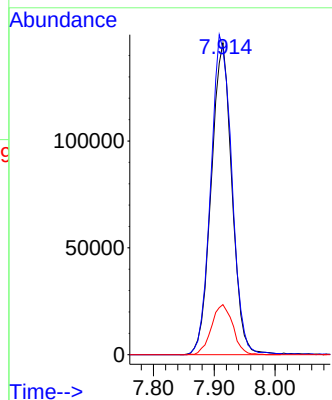
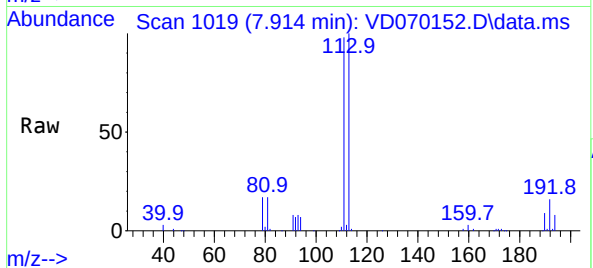




#35
Dibromofluoromethane
Concen: 50.962 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070152.D
Acq: 19 Aug 2021 04:46

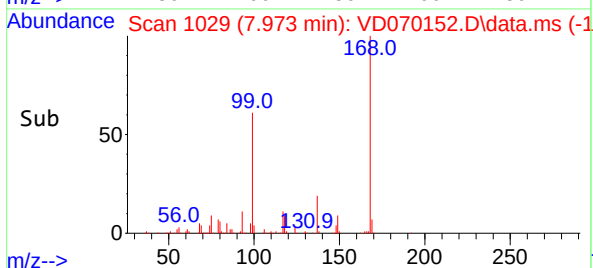
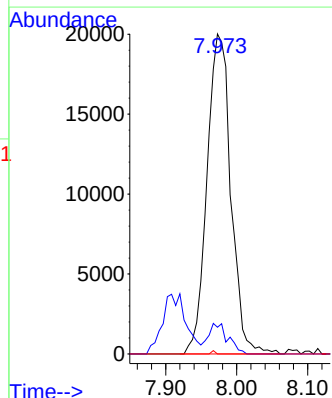
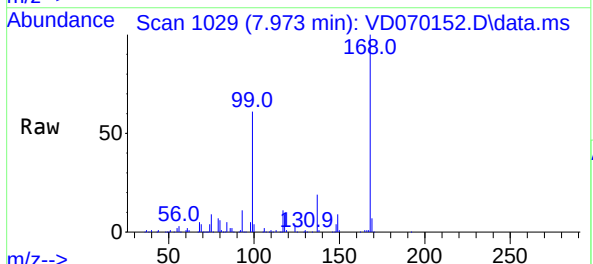
Instrument :
MSVOA_D
ClientSampleId :
SWCS-15-0002

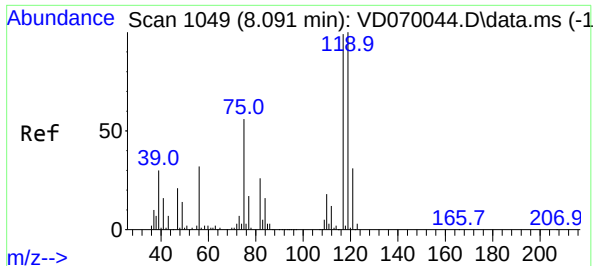
Tgt Ion:113 Resp: 343651
Ion Ratio Lower Upper
113 100
111 104.8 81.8 122.6
192 16.7 13.2 19.8



#36
1,1-Dichloropropene
Concen: 4.166 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD070152.D
Acq: 19 Aug 2021 04:46

Tgt Ion: 75 Resp: 46783
Ion Ratio Lower Upper
75 100
110 7.8 16.9 50.7#
77 0.2 25.2 37.8#

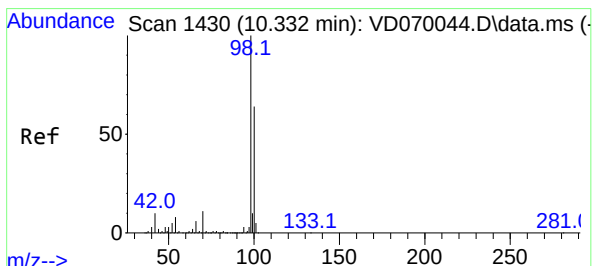
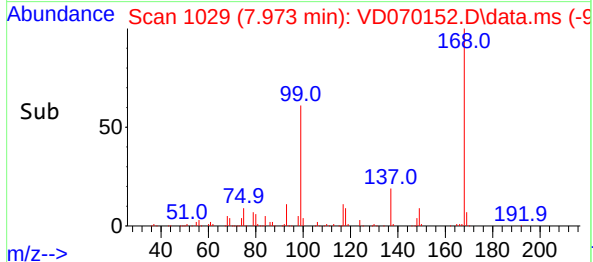
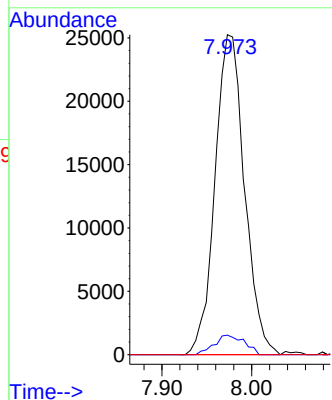
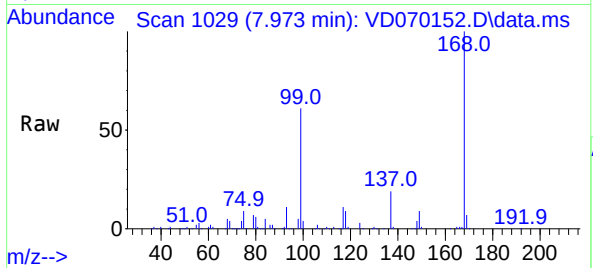




#38
Carbon Tetrachloride
Concen: 5.658 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD070152.D
Acq: 19 Aug 2021 04:46

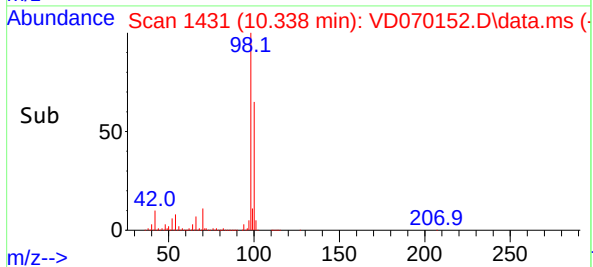
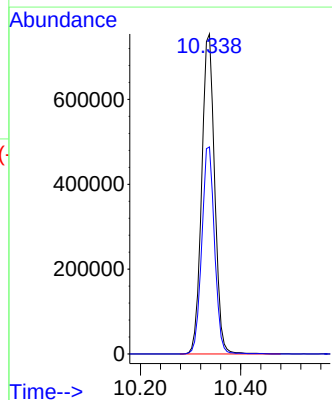
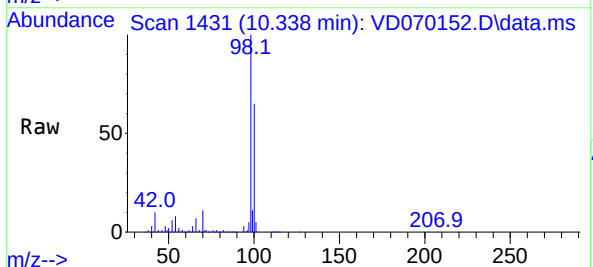
Instrument :
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SWCS-15-0002

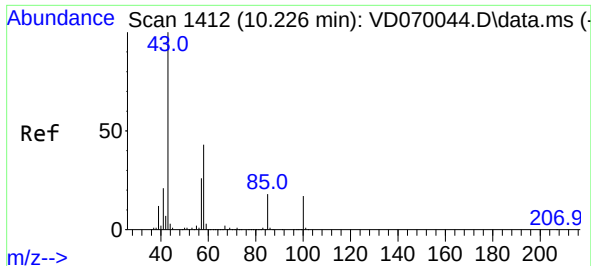
Tgt Ion:117 Resp: 57681
Ion Ratio Lower Upper
117 100
119 6.1 81.0 121.6#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 51.506 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070152.D
Acq: 19 Aug 2021 04:46

Tgt Ion: 98 Resp: 1350883
Ion Ratio Lower Upper
98 100
100 63.8 52.6 78.8

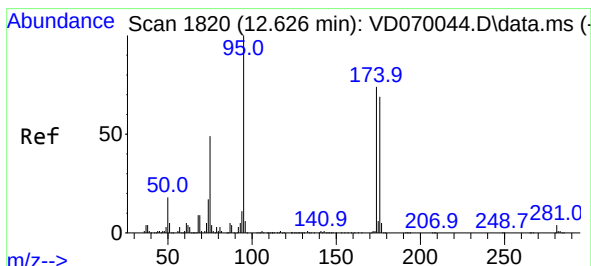
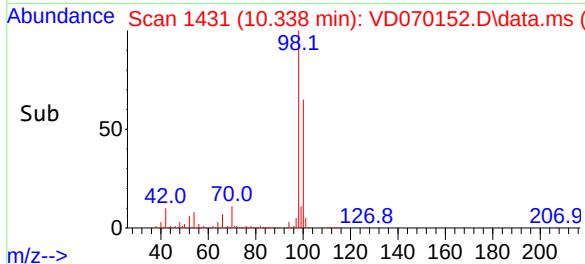
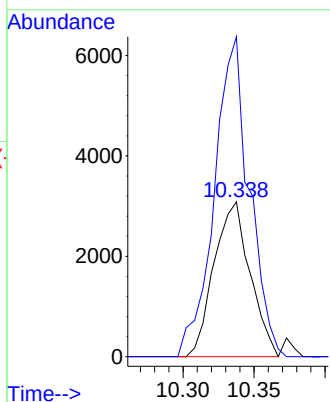
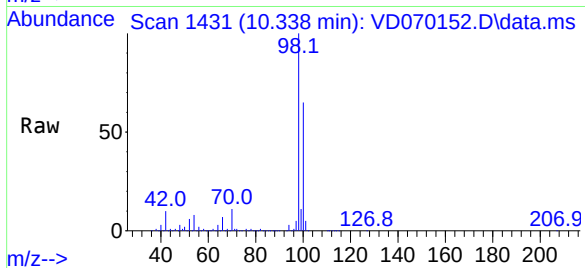




#51
4-Methyl-2-Pentanone
Concen: 1.374 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.112 min
Lab File: VD070152.D
Acq: 19 Aug 2021 04:46

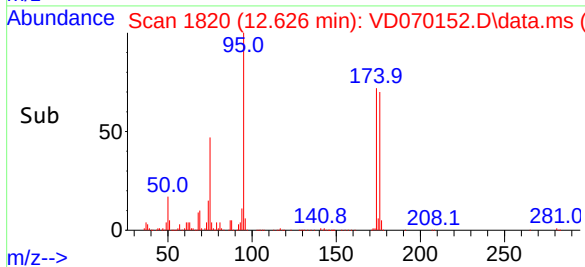
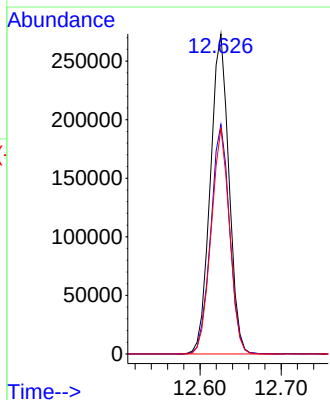
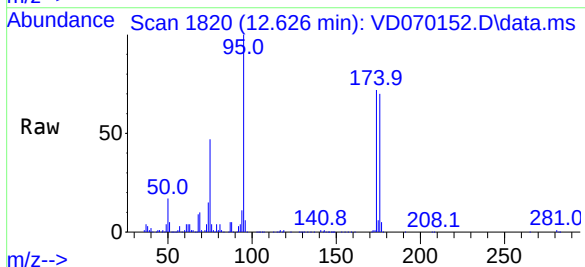
Instrument :
MSVOA_D
ClientSampleId :
SWCS-15-0002

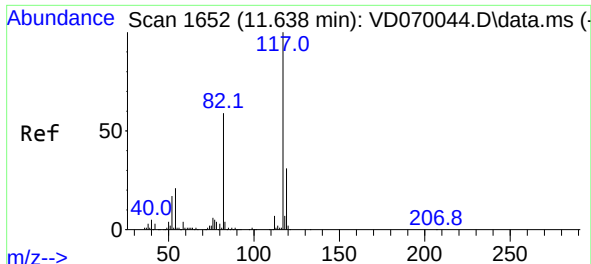
Tgt Ion: 43 Resp: 5440
Ion Ratio Lower Upper
43 100
58 200.9 33.9 50.9#



#62
4-Bromofluorobenzene
Concen: 50.324 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070152.D
Acq: 19 Aug 2021 04:46

Tgt Ion: 95 Resp: 434735
Ion Ratio Lower Upper
95 100
174 72.6 0.0 141.6
176 69.6 0.0 138.2

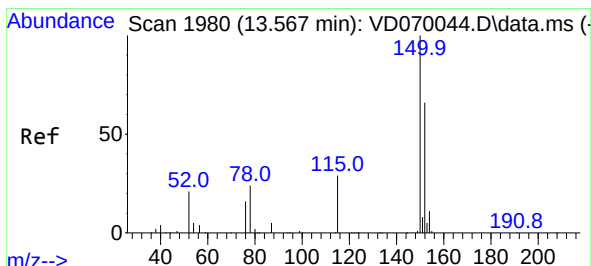
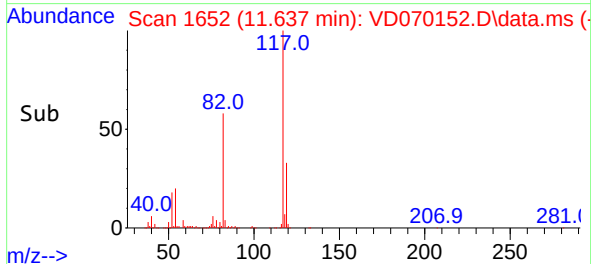
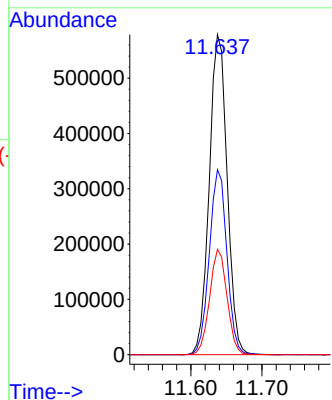
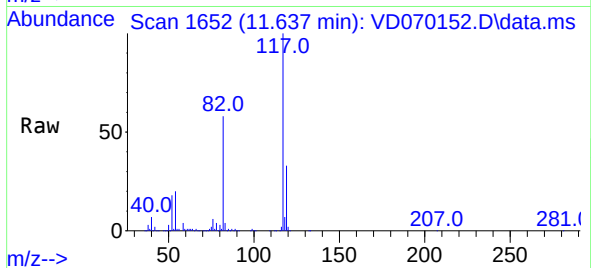




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070152.D
Acq: 19 Aug 2021 04:46

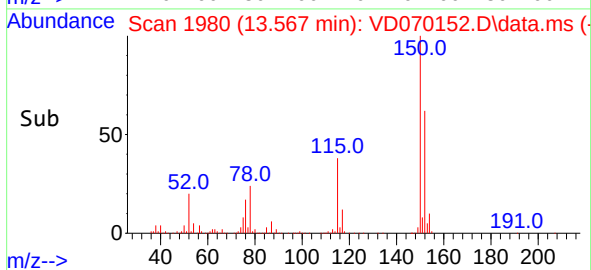
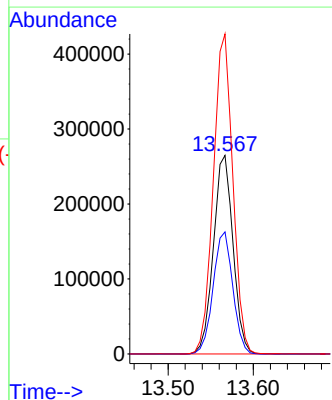
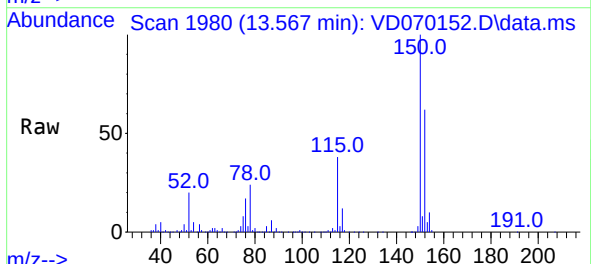
Instrument :
MSVOA_D
ClientSampleId :
SWCS-15-0002

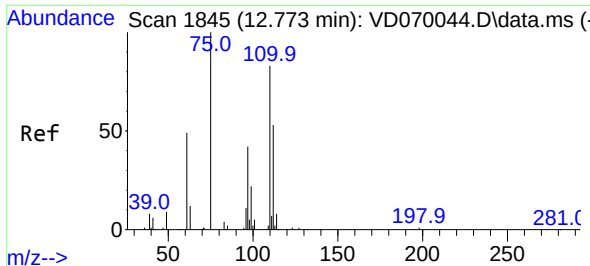
Tgt Ion:117 Resp: 1013265
Ion Ratio Lower Upper
117 100
82 57.8 47.5 71.3
119 32.9 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070152.D
Acq: 19 Aug 2021 04:46

Tgt Ion:152 Resp: 423373
Ion Ratio Lower Upper
152 100
115 61.5 31.2 93.6
150 160.0 0.0 352.0

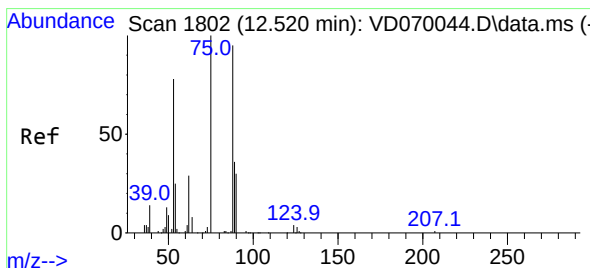
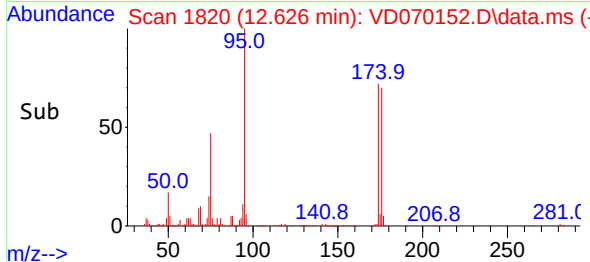
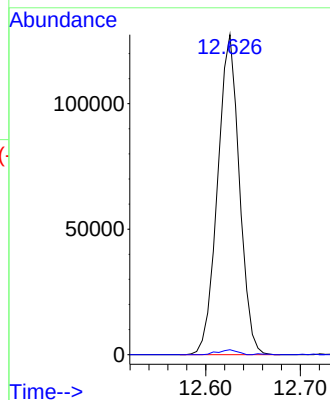
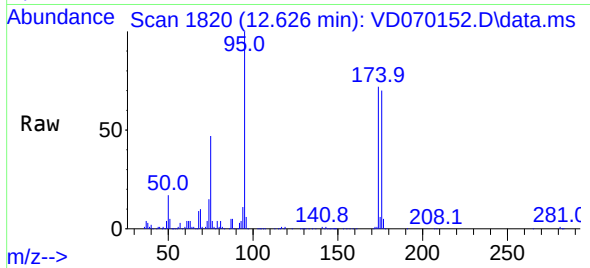




#76
1,2,3-Trichloropropane
Concen: 47.448 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070152.D
Acq: 19 Aug 2021 04:46

Instrument :
MSVOA_D
ClientSampleId :
SWCS-15-0002

Tgt Ion: 75 Resp: 203720
Ion Ratio Lower Upper
75 100
77 1.3 182.4 547.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 123.156 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070152.D
Acq: 19 Aug 2021 04:46

Tgt Ion: 75 Resp: 203720
Ion Ratio Lower Upper
75 100
53 0.3 64.5 96.7#
89 0.2 33.7 50.5#

