

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081321\
 Data File : VD070055.D
 Acq On : 13 Aug 2021 17:43
 Operator : VA/SY
 Sample : M3368-12
 Misc : 4.87G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-06-0002

Quant Time: Aug 14 02:51:53 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)

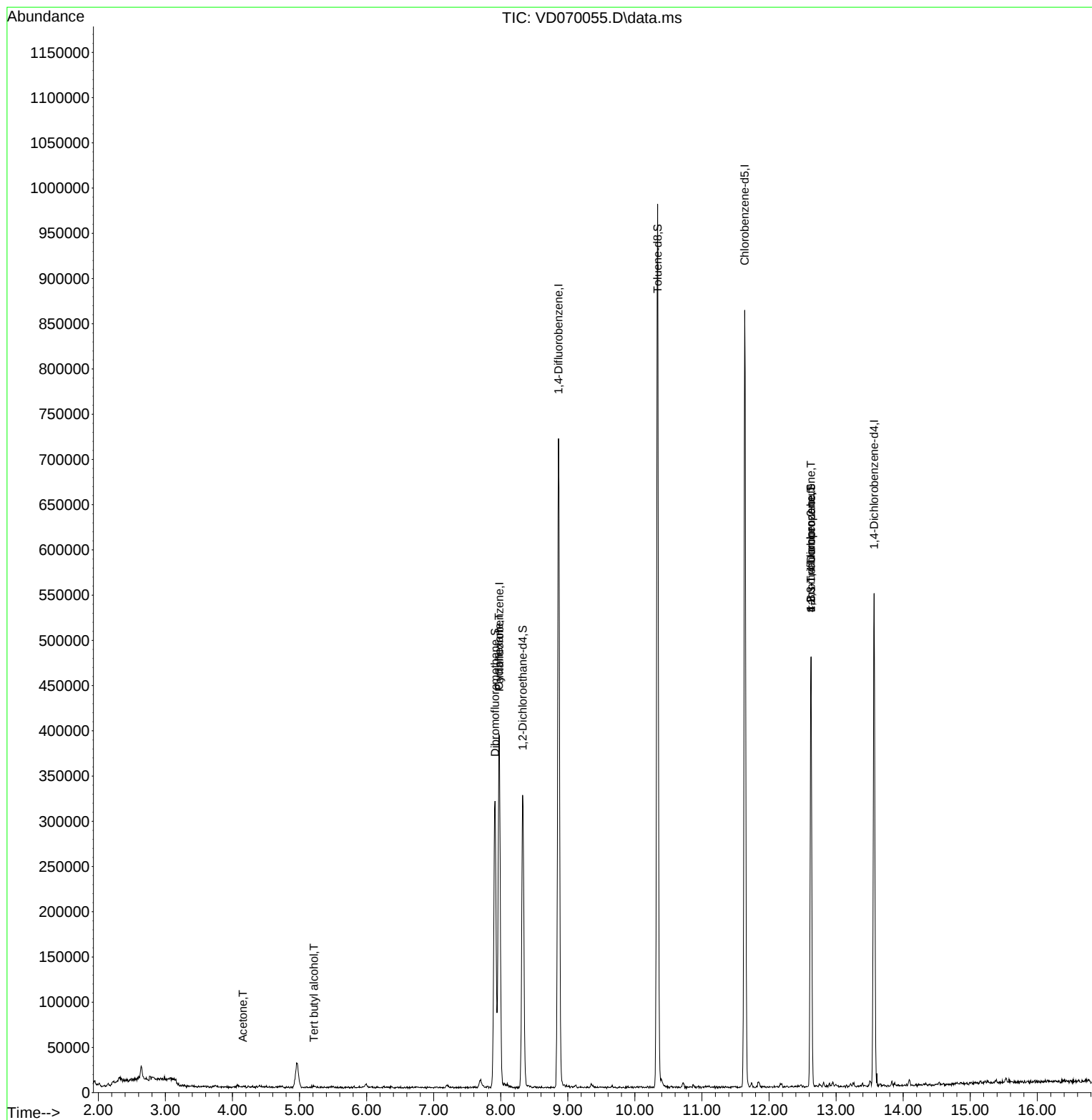
Internal Standards						
1) Pentafluorobenzene	7.979	168	275261	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	610286	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	503261	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	144154	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	253106	78.179	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 156.360%			
35) Dibromofluoromethane	7.914	113	238465	60.480	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 120.960%			
50) Toluene-d8	10.338	98	670735	43.737	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 87.480%			
62) 4-Bromofluorobenzene	12.626	95	158582	31.395	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 62.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	1092	Below Cal		96
3) Chloromethane	2.209	50	1895	Below Cal		91
5) Bromomethane	2.768	94	2301	Below Cal	#	57
11) Tert butyl alcohol	5.214	59	639	3.571 ug/l	#	71
16) Acetone	4.156	43	754	1.264 ug/l	#	41
20) Methylene Chloride	4.967	84	21923	Below Cal		93
31) Cyclohexane	7.973	56	7429	1.159 ug/l	#	1
76) 1,2,3-Trichloropropane	12.626	75	78761	53.875 ug/l	#	1
81) trans-1,4-Dichloro-2-b...	12.626	75	78761	139.840 ug/l	#	18

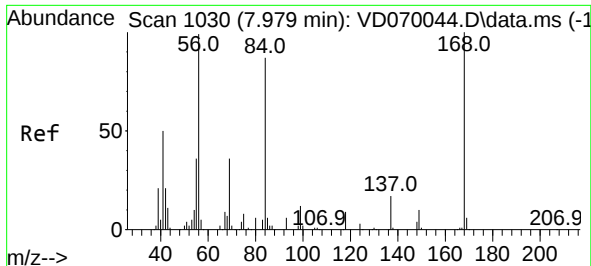
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 14 02:51:53 2021
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Quant Title : SW846 8260
QLast Update : Sat Aug 14 02:33:51 2021
Response via : Initial Calibration

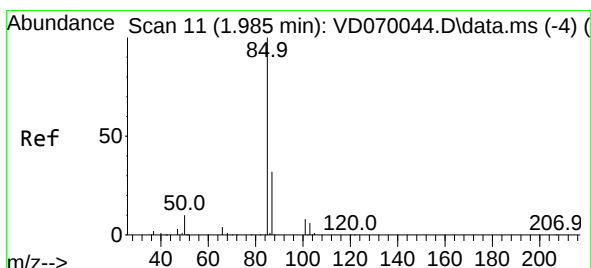
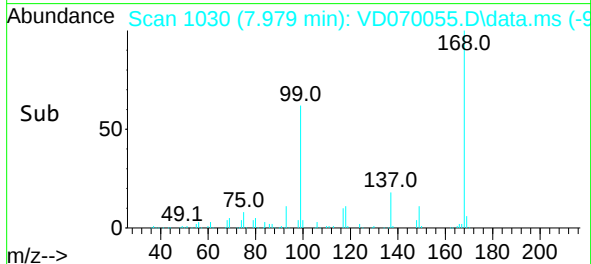
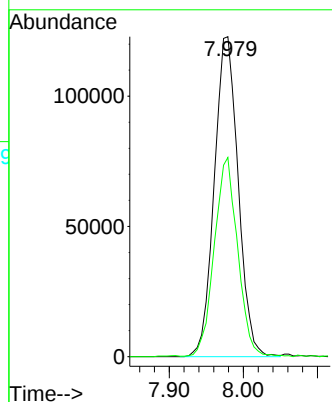
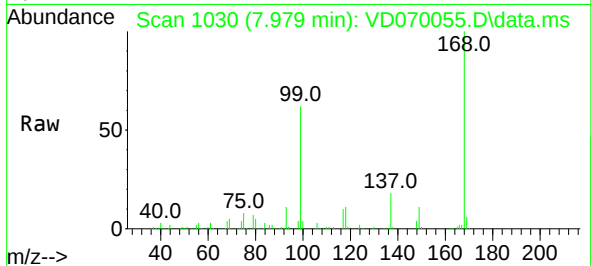




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070055.D
Acq: 13 Aug 2021 17:43

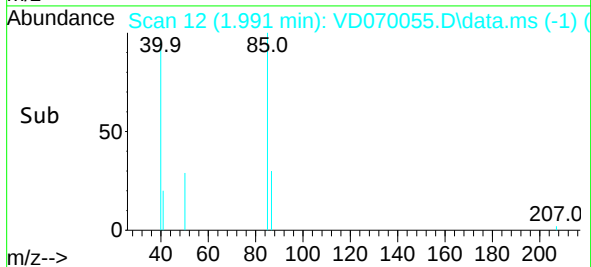
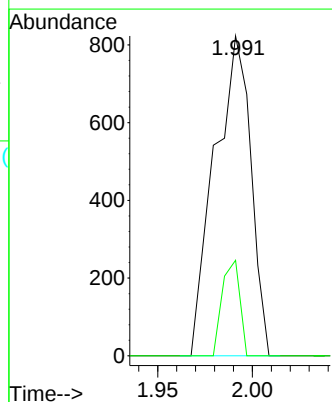
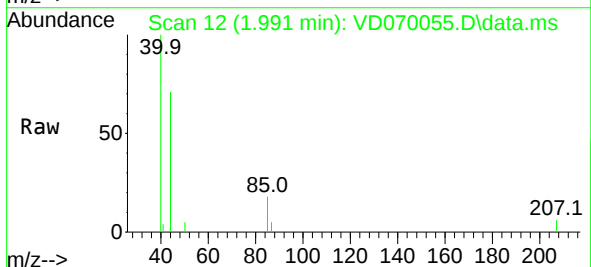
Instrument :
MSVOA_D
ClientSampleId :
SWCS-06-0002

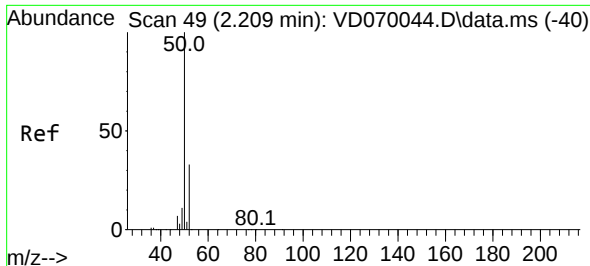
Tgt Ion:168 Resp: 275261
Ion Ratio Lower Upper
168 100
99 62.1 50.3 75.5



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.991 min Scan# 12
Delta R.T. 0.006 min
Lab File: VD070055.D
Acq: 13 Aug 2021 17:43

Tgt Ion: 85 Resp: 1092
Ion Ratio Lower Upper
85 100
87 29.9 16.2 48.6

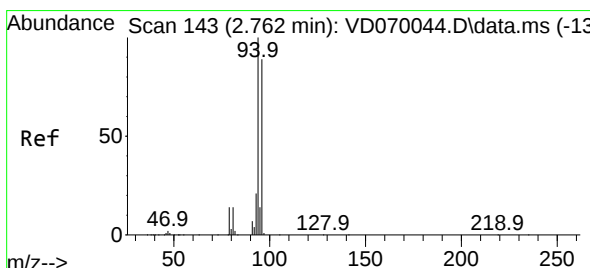
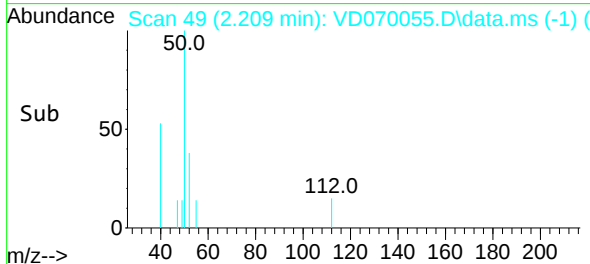
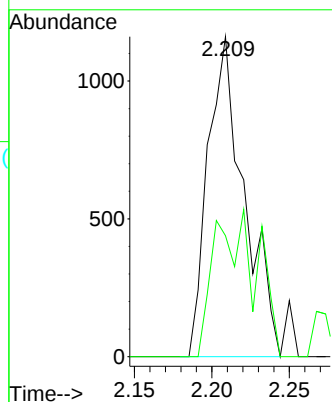
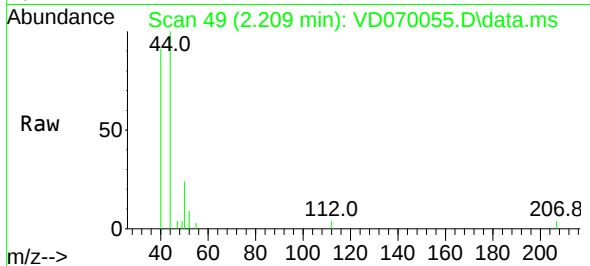




#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070055.D
Acq: 13 Aug 2021 17:43

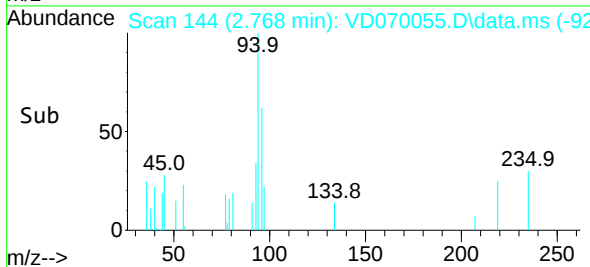
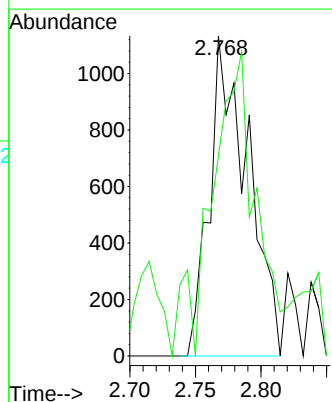
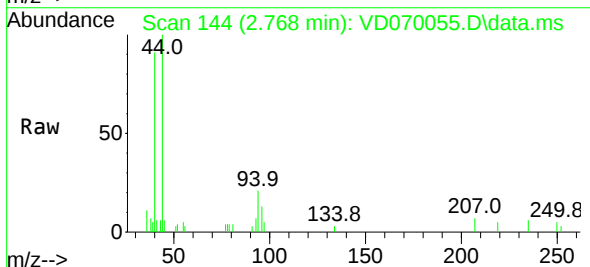
Instrument :
MSVOA_D
ClientSampleId :
SWCS-06-0002

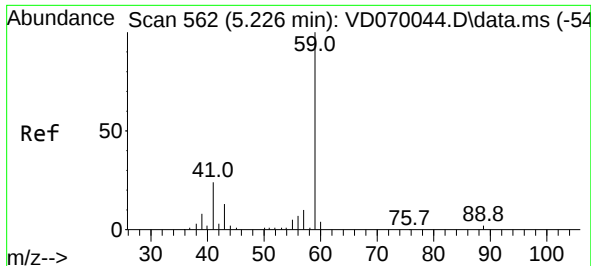
Tgt Ion: 50 Resp: 1895
Ion Ratio Lower Upper
50 100
52 37.8 26.3 39.5



#5
Bromomethane
Concen: Below Cal
RT: 2.768 min Scan# 144
Delta R.T. 0.006 min
Lab File: VD070055.D
Acq: 13 Aug 2021 17:43

Tgt Ion: 94 Resp: 2301
Ion Ratio Lower Upper
94 100
96 48.8 70.9 106.3#

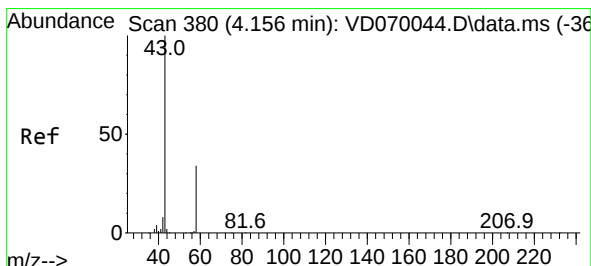
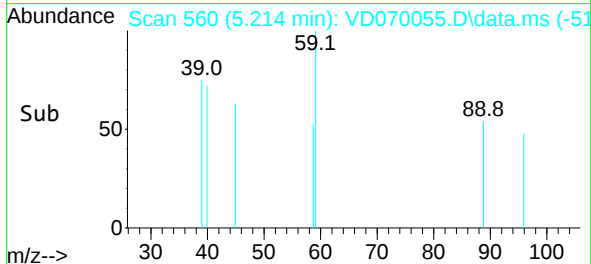
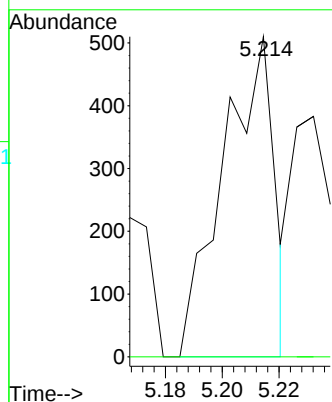
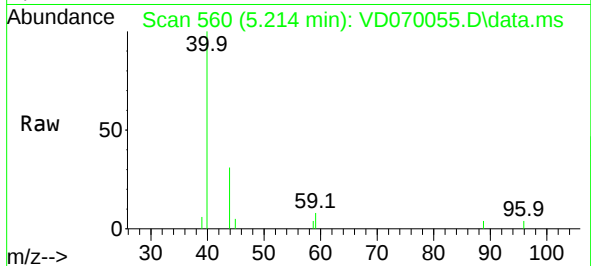




#11
Tert butyl alcohol
Concen: 3.571 ug/l
RT: 5.214 min Scan# 560
Delta R.T. -0.012 min
Lab File: VD070055.D
Acq: 13 Aug 2021 17:43

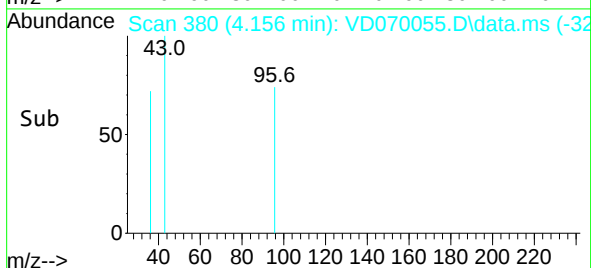
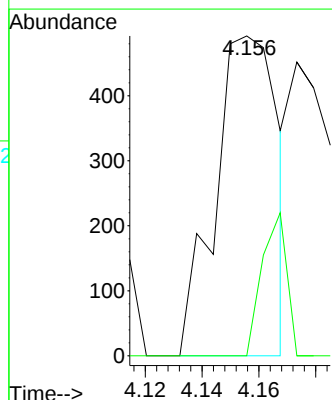
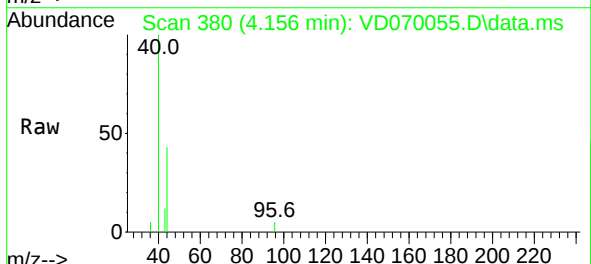
Instrument :
MSVOA_D
ClientSampleId :
SWCS-06-0002

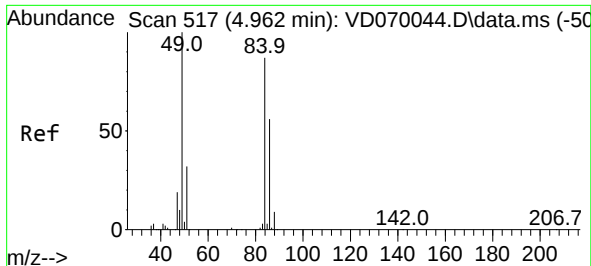
Tgt Ion: 59 Resp: 639
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#



#16
Acetone
Concen: 1.264 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD070055.D
Acq: 13 Aug 2021 17:43

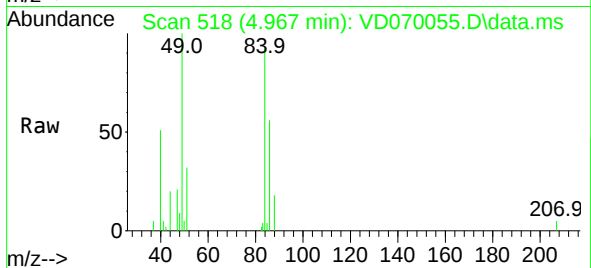
Tgt Ion: 43 Resp: 754
Ion Ratio Lower Upper
43 100
58 0.0 26.8 40.2#



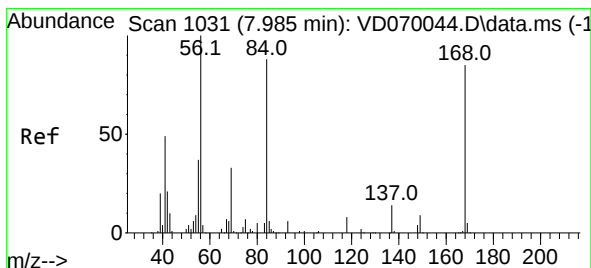
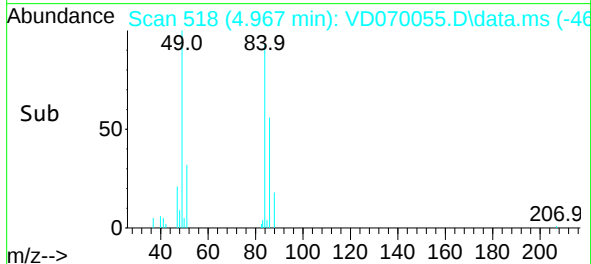
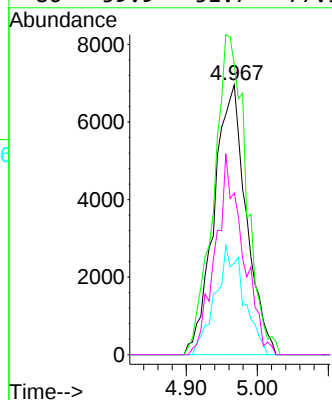


#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.005 min
Lab File: VD070055.D
Acq: 13 Aug 2021 17:43

Instrument :
MSVOA_D
ClientSampleId :
SWCS-06-0002

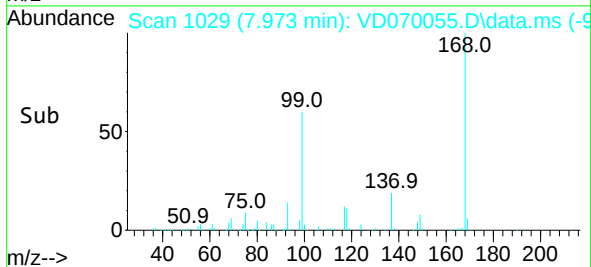
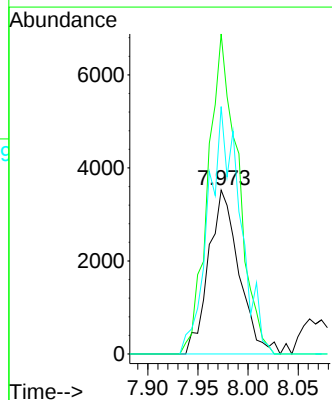
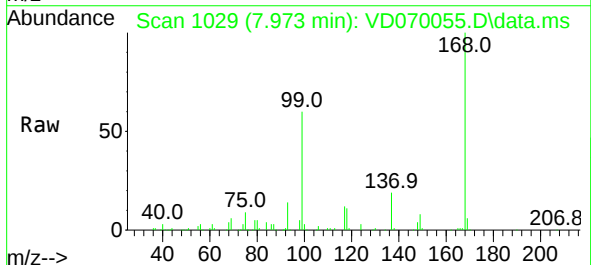


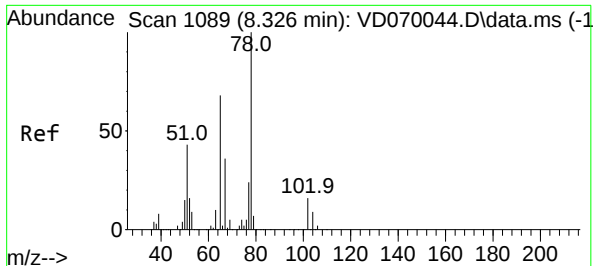
Tgt Ion:	84	Resp:	21923
Ion	Ratio	Lower	Upper
84	100		
49	107.6	92.5	138.7
51	33.9	29.7	44.5
86	59.9	51.7	77.5



#31
Cyclohexane
Concen: 1.159 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD070055.D
Acq: 13 Aug 2021 17:43

Tgt Ion:	56	Resp:	7429
Ion	Ratio	Lower	Upper
56	100		
69	195.3	26.7	40.1#
84	151.0	70.4	105.6#



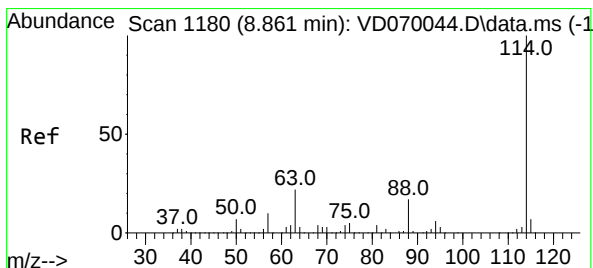
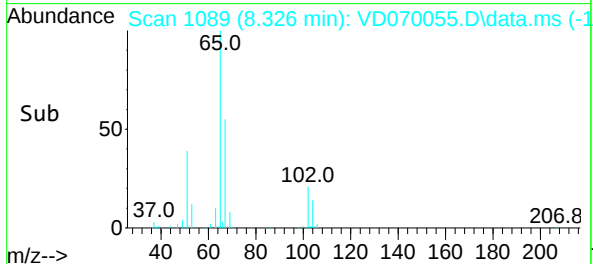
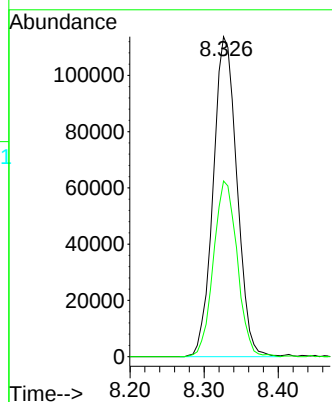
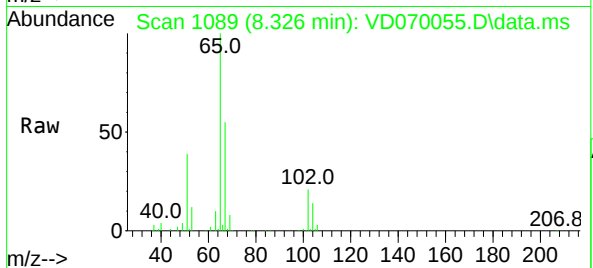


#33

1,2-Dichloroethane-d4
Concen: 78.179 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070055.D
Acq: 13 Aug 2021 17:43

Instrument :
MSVOA_D
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SWCS-06-0002

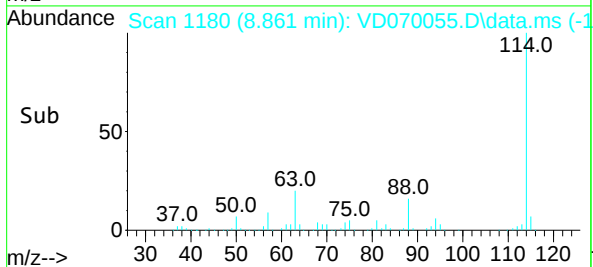
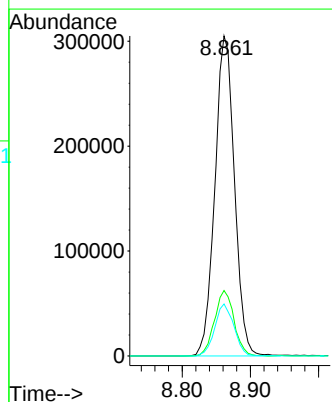
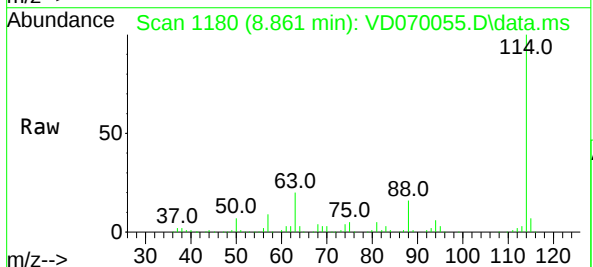
Tgt Ion: 65 Resp: 253106
Ion Ratio Lower Upper
65 100
67 54.9 0.0 107.8

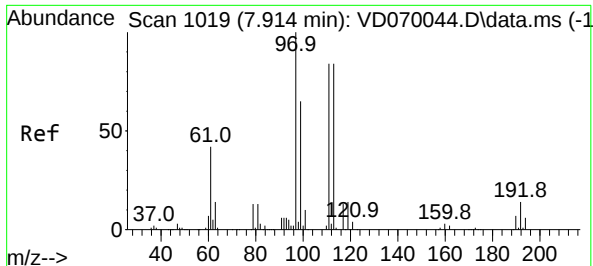


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070055.D
Acq: 13 Aug 2021 17:43

Tgt Ion: 114 Resp: 610286
Ion Ratio Lower Upper
114 100
63 20.4 0.0 43.6
88 16.2 0.0 33.4





#35

Dibromofluoromethane

Concen: 60.480 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD070055.D

Acq: 13 Aug 2021 17:43

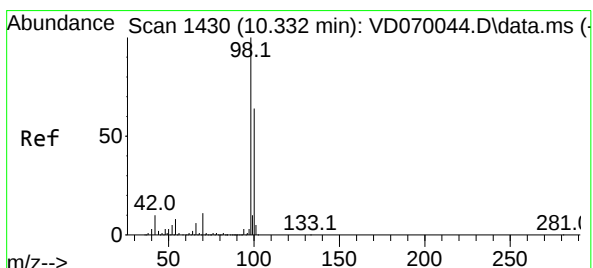
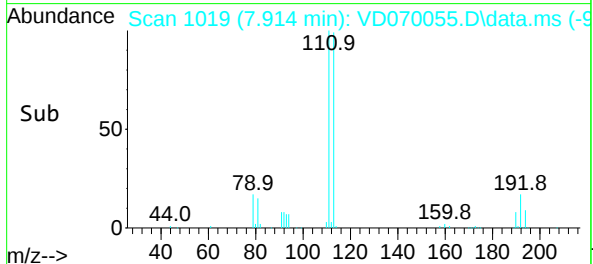
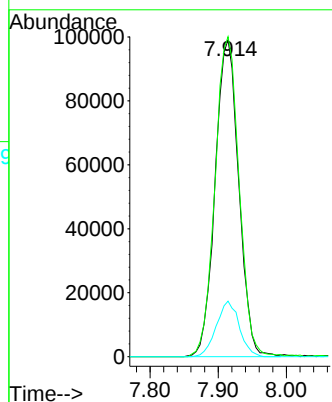
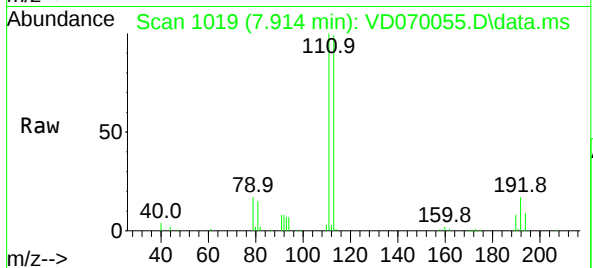
Tgt Ion:113 Resp: 238465

Ion Ratio Lower Upper

113 100

111 103.0 81.8 122.6

192 17.1 13.2 19.8



#50

Toluene-d8

Concen: 43.737 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. 0.006 min

Lab File: VD070055.D

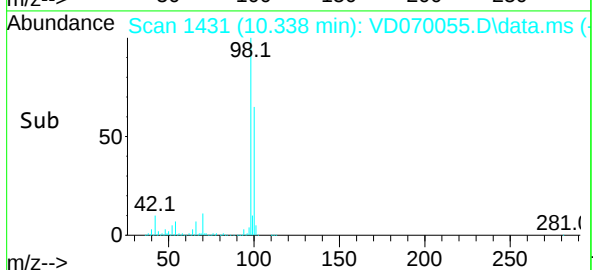
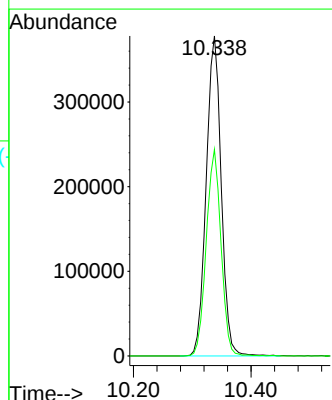
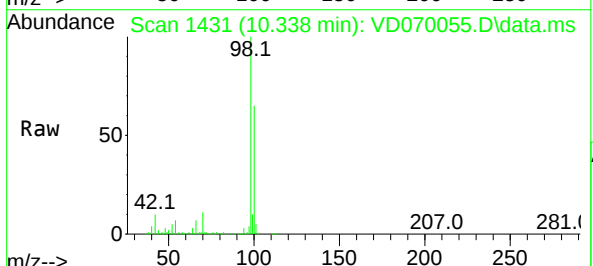
Acq: 13 Aug 2021 17:43

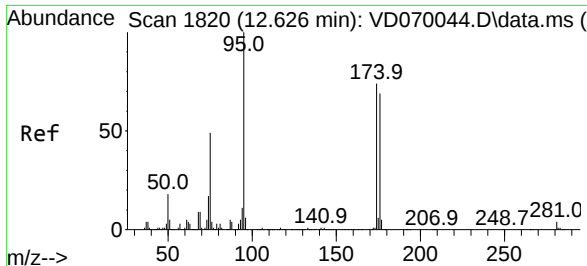
Tgt Ion: 98 Resp: 670735

Ion Ratio Lower Upper

98 100

100 63.4 52.6 78.8

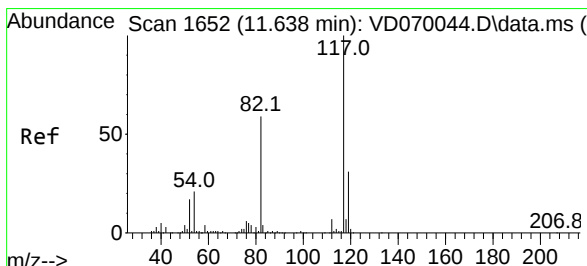
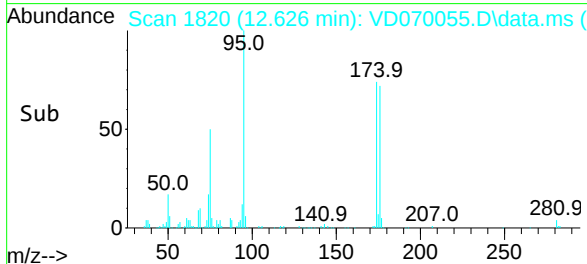
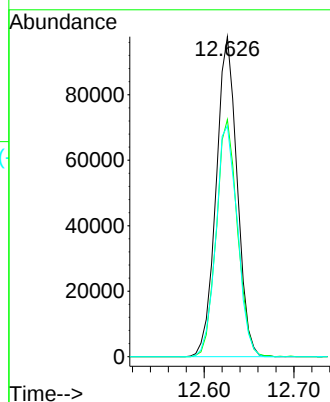
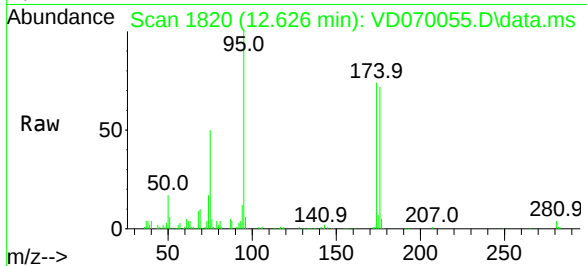




#62
4-Bromofluorobenzene
Concen: 31.395 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070055.D
Acq: 13 Aug 2021 17:43

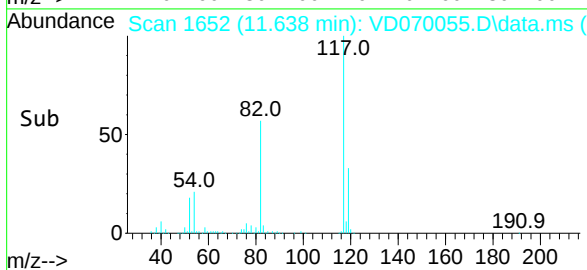
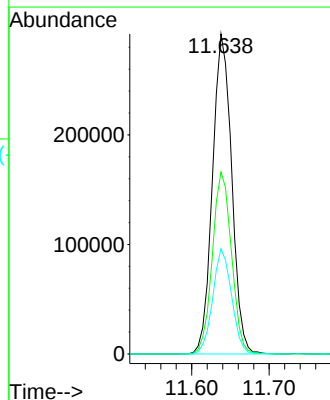
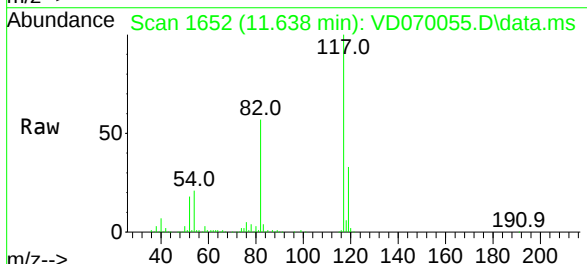
Instrument :
MSVOA_D
ClientSampleId :
SWCS-06-0002

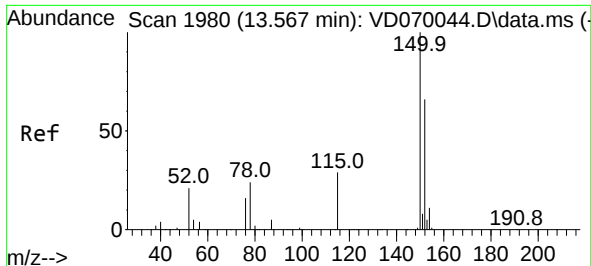
Tgt Ion: 95 Resp: 158582
Ion Ratio Lower Upper
95 100
174 74.7 0.0 141.6
176 73.9 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070055.D
Acq: 13 Aug 2021 17:43

Tgt Ion: 117 Resp: 503261
Ion Ratio Lower Upper
117 100
82 56.9 47.5 71.3
119 32.9 25.1 37.7

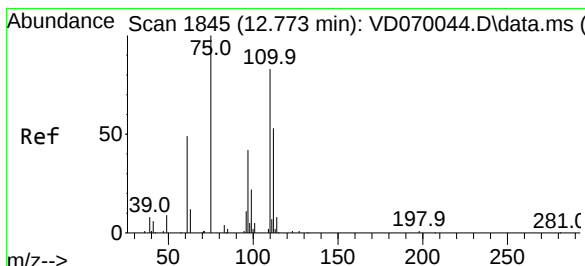
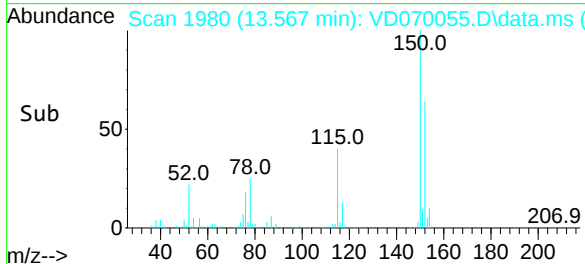
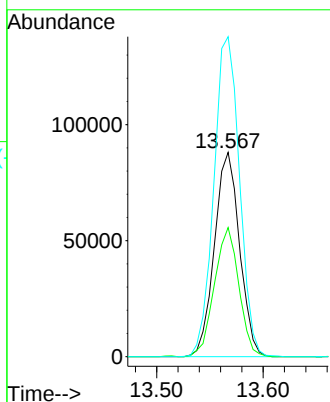
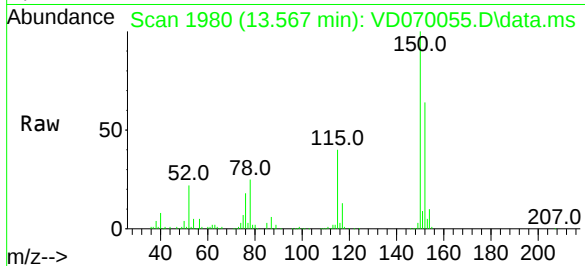




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD070055.D
Acq: 13 Aug 2021 17:43

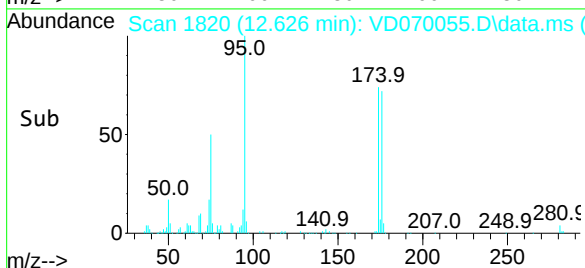
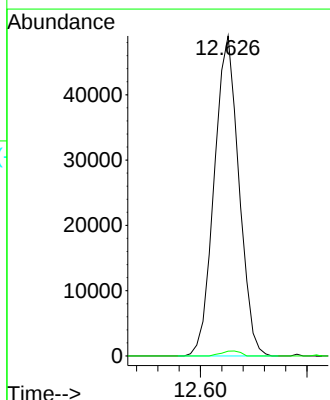
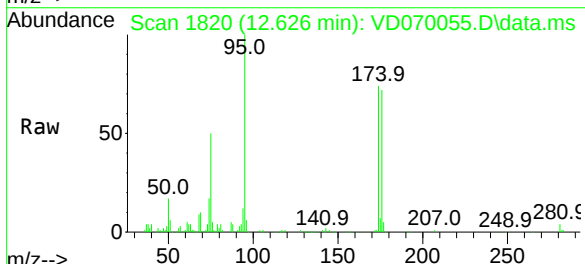
Instrument :
MSVOA_D
ClientSampleId :
SWCS-06-0002

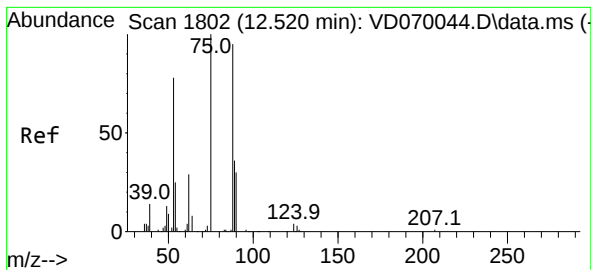
Tgt Ion:152 Resp: 144154
Ion Ratio Lower Upper
152 100
115 61.5 31.2 93.6
150 159.8 0.0 352.0



#76
1,2,3-Trichloropropane
Concen: 53.875 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070055.D
Acq: 13 Aug 2021 17:43

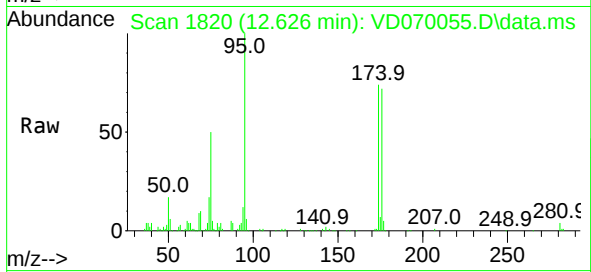
Tgt Ion: 75 Resp: 78761
Ion Ratio Lower Upper
75 100
77 1.2 182.4 547.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 139.840 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.106 min
 Lab File: VD070055.D
 Acq: 13 Aug 2021 17:43

Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-06-0002



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.2	64.5	96.7#
89	0.1	33.7	50.5#

