

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081921\
 Data File : VD070161.D
 Acq On : 19 Aug 2021 11:59
 Operator : VA/SY
 Sample : M3390-18
 Misc : 5.61G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 20 05:46:41 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)

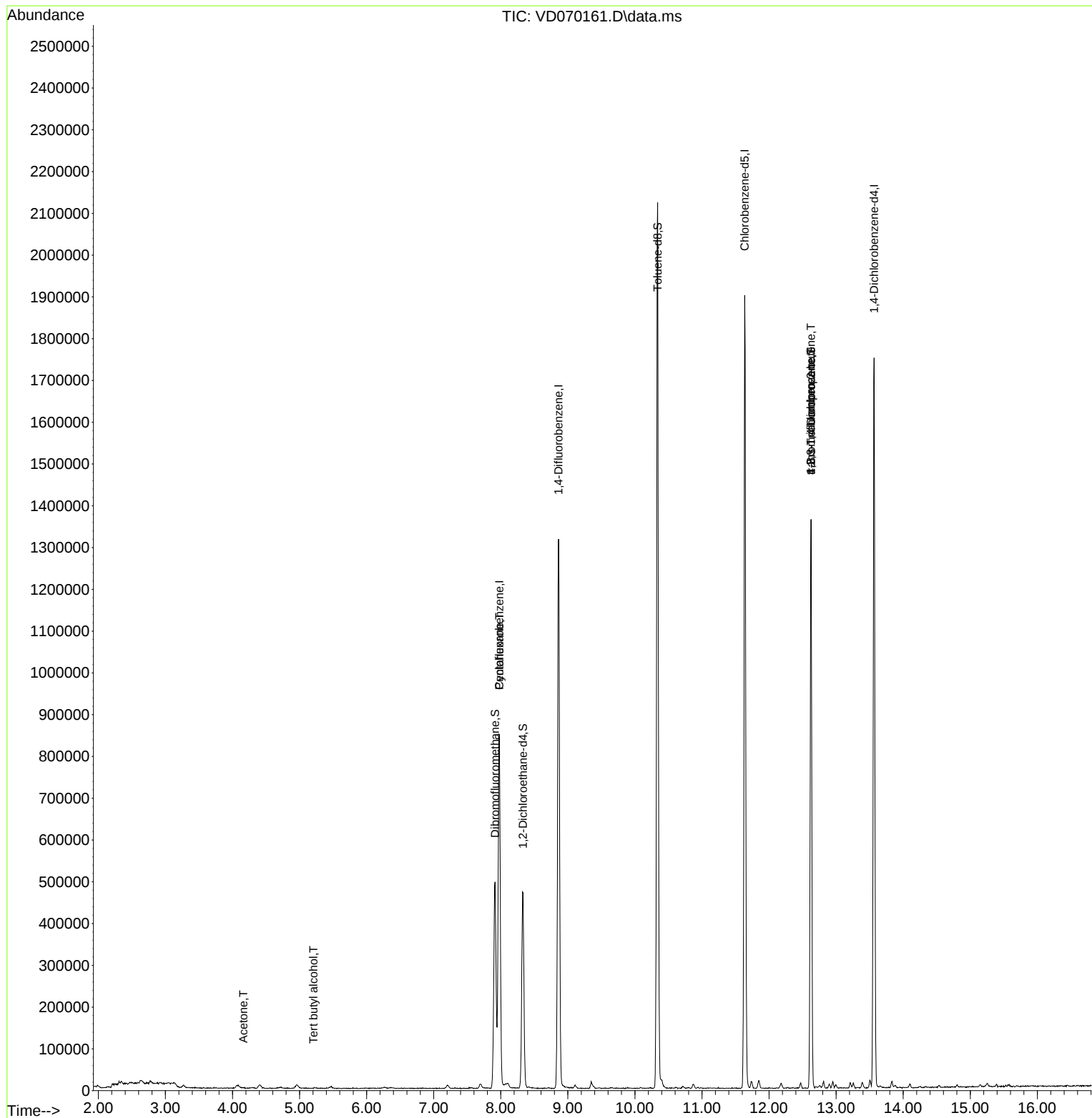
Internal Standards						
1) Pentafluorobenzene	7.979	168	589677	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1125050	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1078694	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	463222	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	366155	52.794	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.580%	
35) Dibromofluoromethane	7.914	113	362179	49.828	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.660%	
50) Toluene-d8	10.338	98	1448170	51.225	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.460%	
62) 4-Bromofluorobenzene	12.626	95	468362	50.299	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.600%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	3382	Below Cal		94
3) Chloromethane	2.215	50	4534	Below Cal		96
5) Bromomethane	2.785	94	4607	Below Cal	#	49
11) Tert butyl alcohol	5.208	59	1033	2.695	ug/l #	87
16) Acetone	4.161	43	2720	2.129	ug/l	89
20) Methylene Chloride	4.956	84	6444	Below Cal	#	74
31) Cyclohexane	7.979	56	18392	1.340	ug/l #	5
76) 1,2,3-Trichloropropane	12.626	75	231135	49.202	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	231135	127.709	ug/l #	18

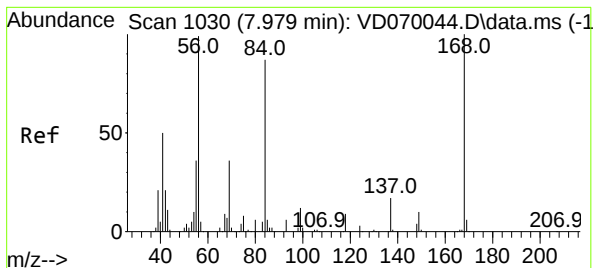
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

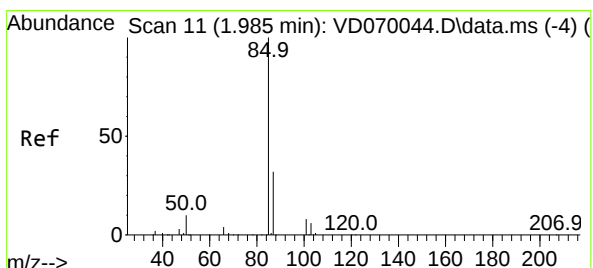
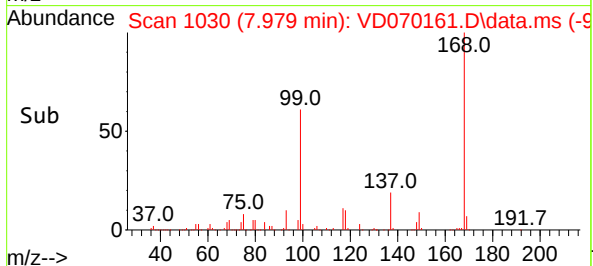
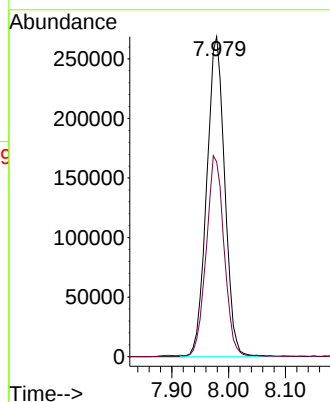
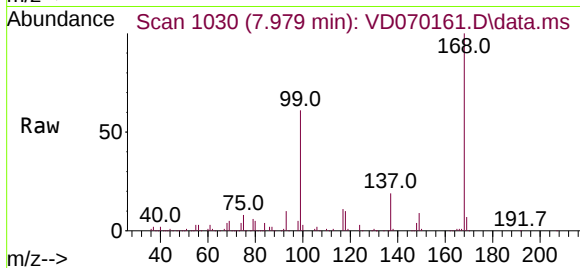




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070161.D
Acq: 19 Aug 2021 11:59

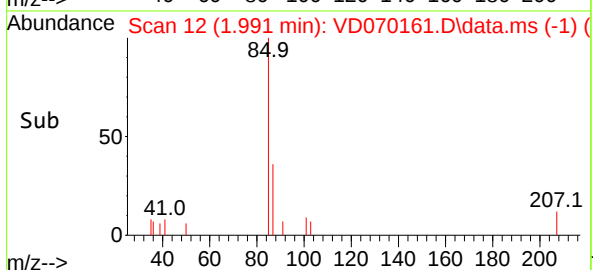
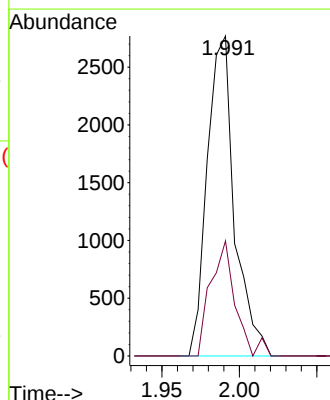
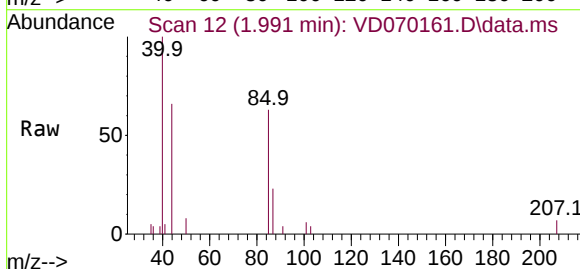
Instrument :
MSVOA_D
ClientSampled :

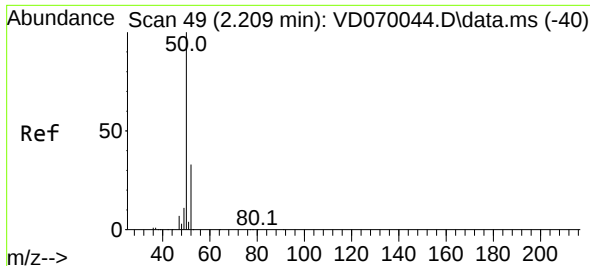
Tgt Ion:168 Resp: 589677
Ion Ratio Lower Upper
168 100
99 60.7 50.3 75.5



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.991 min Scan# 12
Delta R.T. 0.006 min
Lab File: VD070161.D
Acq: 19 Aug 2021 11:59

Tgt Ion: 85 Resp: 3382
Ion Ratio Lower Upper
85 100
87 36.0 16.2 48.6

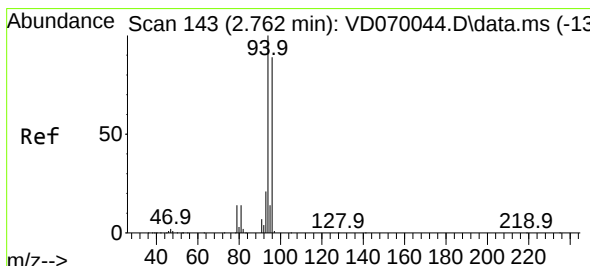
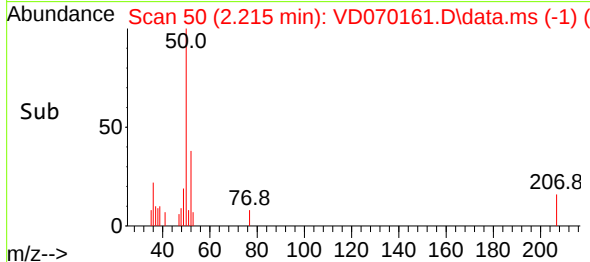
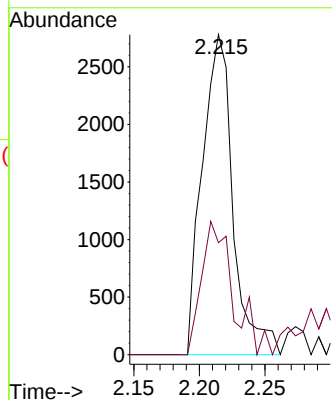
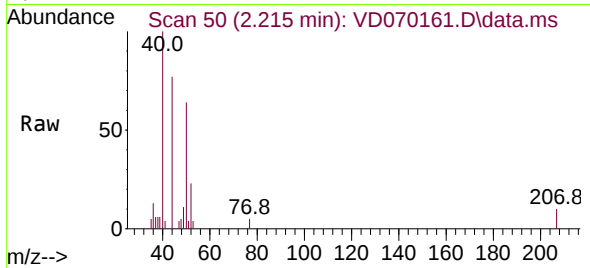




#3
Chloromethane
Concen: Below Cal
RT: 2.215 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD070161.D
Acq: 19 Aug 2021 11:59

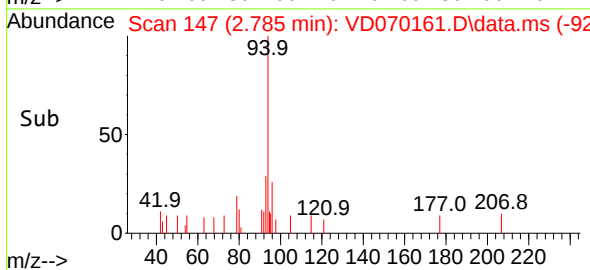
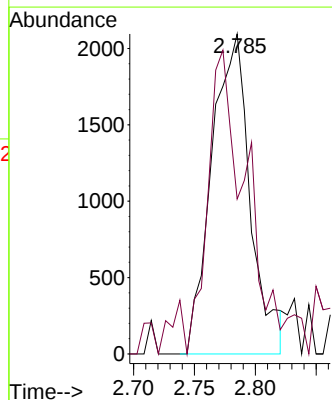
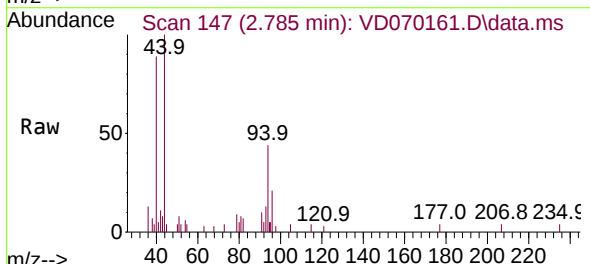
Instrument :
MSVOA_D
ClientSampleId :

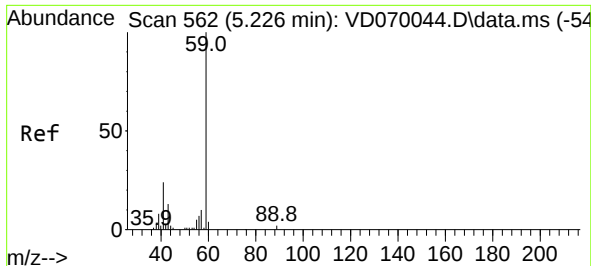
Tgt Ion: 50 Resp: 4534
Ion Ratio Lower Upper
50 100
52 35.0 26.3 39.5



#5
Bromomethane
Concen: Below Cal
RT: 2.785 min Scan# 147
Delta R.T. 0.023 min
Lab File: VD070161.D
Acq: 19 Aug 2021 11:59

Tgt Ion: 94 Resp: 4607
Ion Ratio Lower Upper
94 100
96 40.9 70.9 106.3#

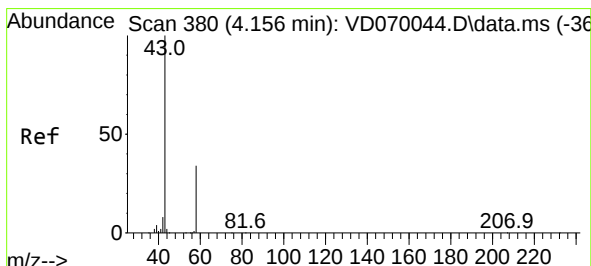
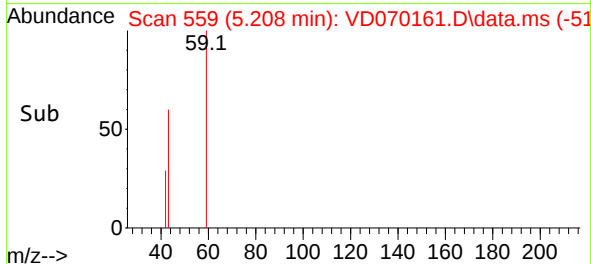
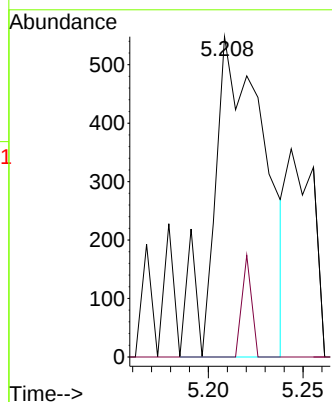
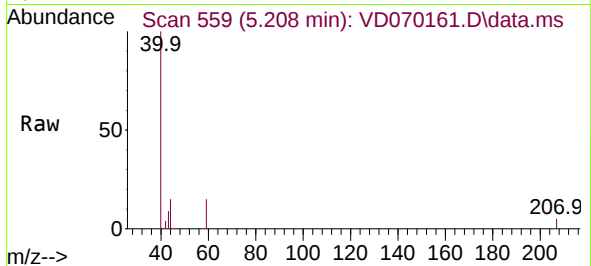




#11
Tert butyl alcohol
Concen: 2.695 ug/l
RT: 5.208 min Scan# 559
Delta R.T. -0.018 min
Lab File: VD070161.D
Acq: 19 Aug 2021 11:59

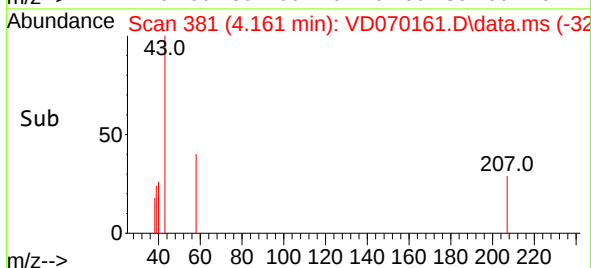
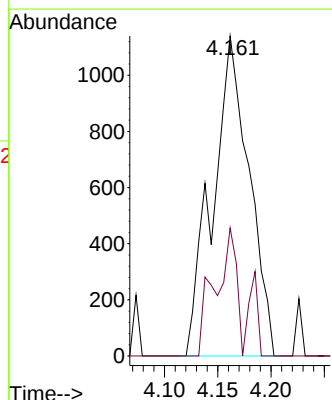
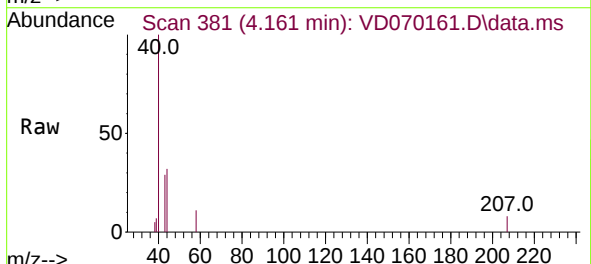
Instrument :
MSVOA_D
ClientSampleId :

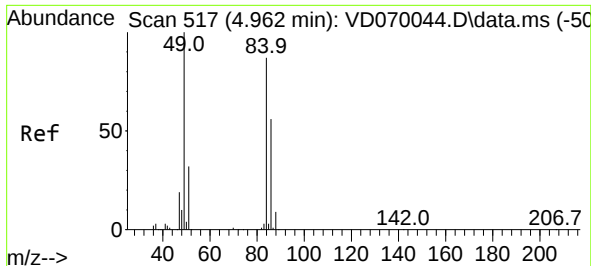
Tgt Ion: 59 Resp: 1033
Ion Ratio Lower Upper
59 100
57 5.9 8.8 13.2#



#16
Acetone
Concen: 2.129 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070161.D
Acq: 19 Aug 2021 11:59

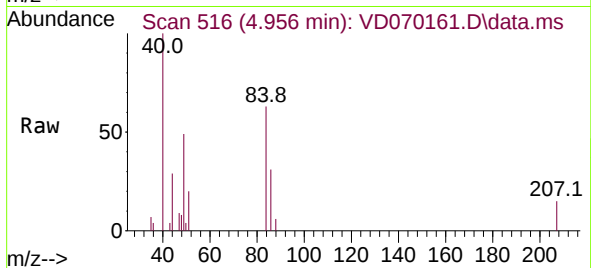
Tgt Ion: 43 Resp: 2720
Ion Ratio Lower Upper
43 100
58 40.0 26.8 40.2



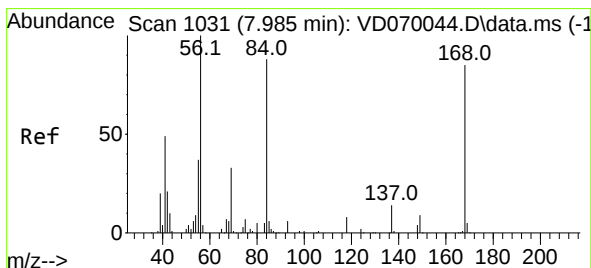
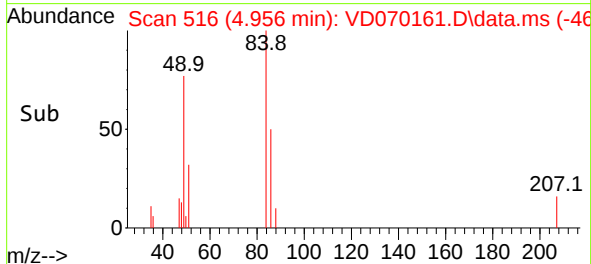
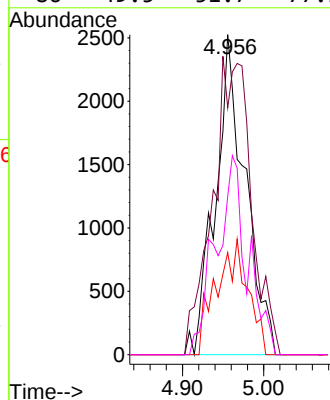


#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD070161.D
Acq: 19 Aug 2021 11:59

Instrument :
MSVOA_D
ClientSampleId :

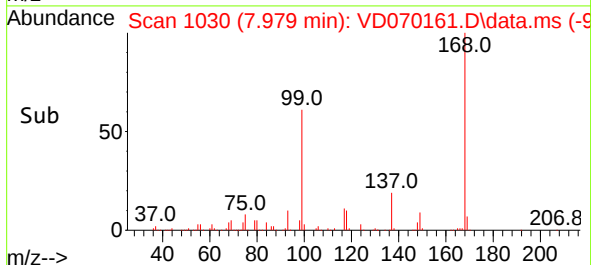
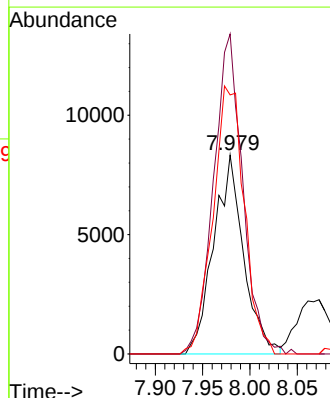
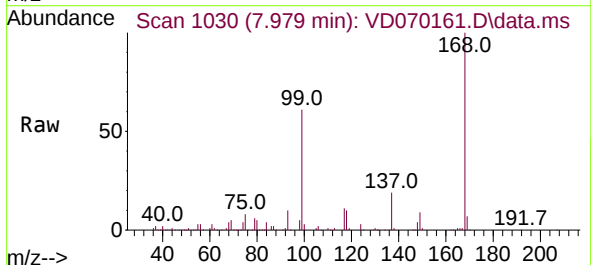


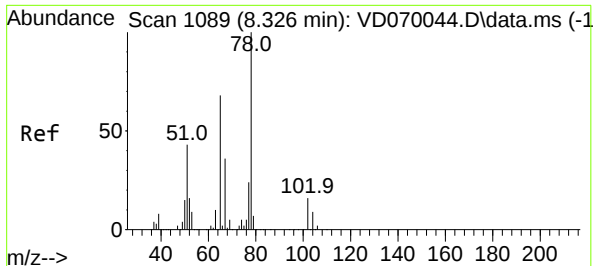
Tgt Ion:	84	Resp:	6444
Ion	Ratio	Lower	Upper
84	100		
49	77.1	92.5	138.7#
51	31.9	29.7	44.5
86	49.5	51.7	77.5#



#31
Cyclohexane
Concen: 1.340 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070161.D
Acq: 19 Aug 2021 11:59

Tgt Ion:	56	Resp:	18392
Ion	Ratio	Lower	Upper
56	100		
69	160.9	26.7	40.1#
84	130.3	70.4	105.6#

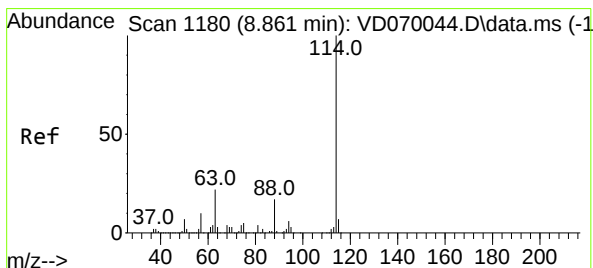
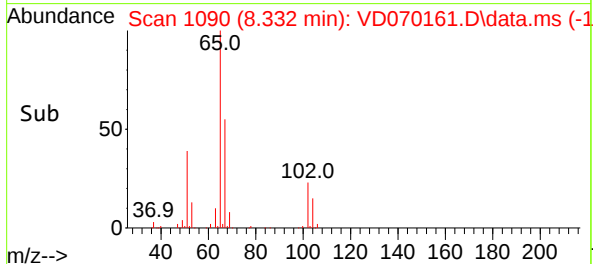
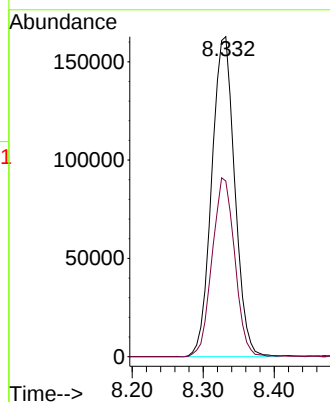
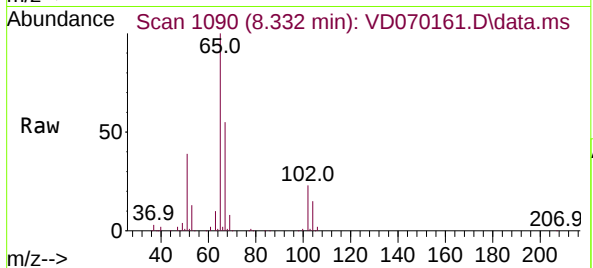




#33
1,2-Dichloroethane-d4
Concen: 52.794 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD070161.D
Acq: 19 Aug 2021 11:59

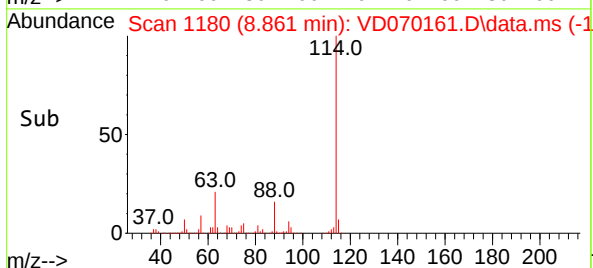
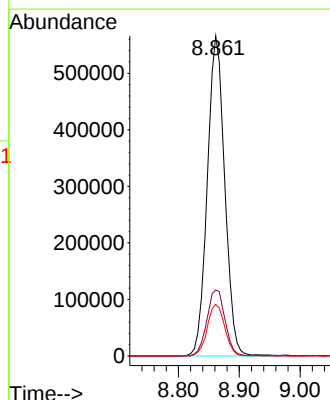
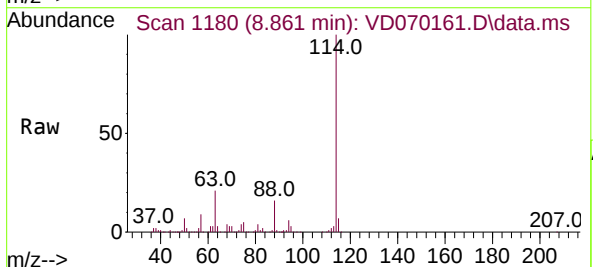
Instrument :
MSVOA_D
ClientSampled :

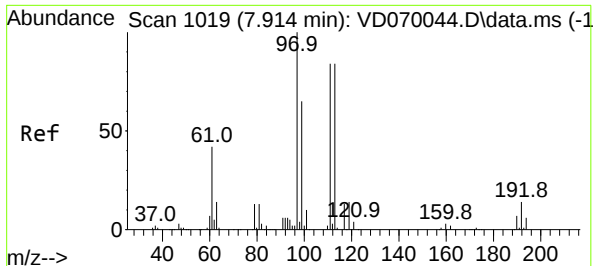
Tgt Ion: 65 Resp: 366155
Ion Ratio Lower Upper
65 100
67 54.9 0.0 107.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070161.D
Acq: 19 Aug 2021 11:59

Tgt Ion:114 Resp: 1125050
Ion Ratio Lower Upper
114 100
63 20.6 0.0 43.6
88 16.1 0.0 33.4





#35

Dibromofluoromethane

Concen: 49.828 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD070161.D

Acq: 19 Aug 2021 11:59

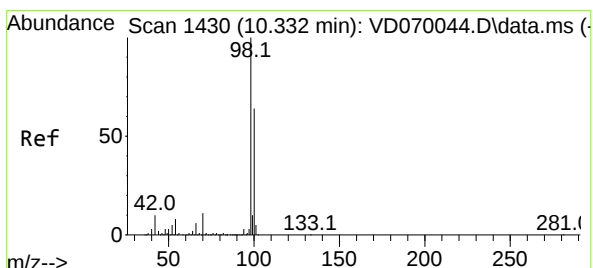
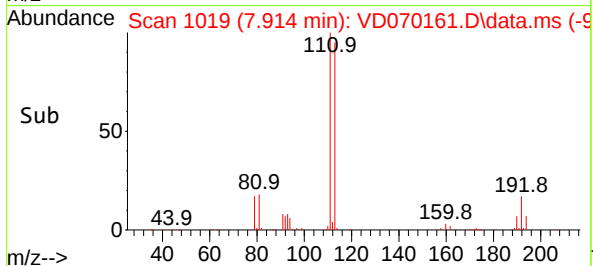
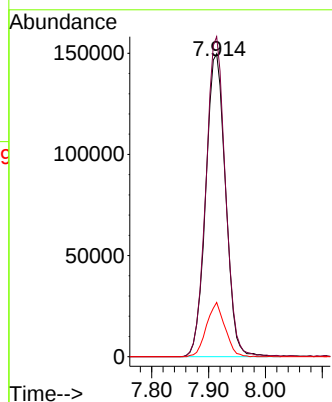
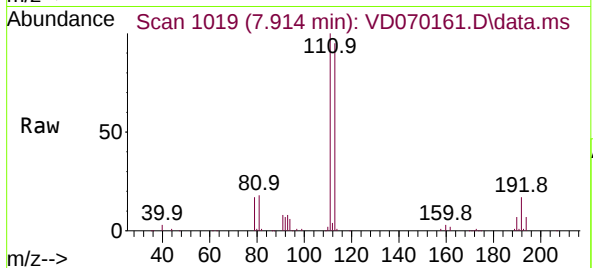
Tgt Ion:113 Resp: 362179

Ion Ratio Lower Upper

113 100

111 103.9 81.8 122.6

192 16.7 13.2 19.8



#50

Toluene-d8

Concen: 51.225 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. 0.006 min

Lab File: VD070161.D

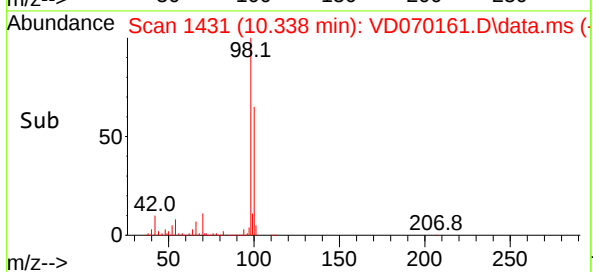
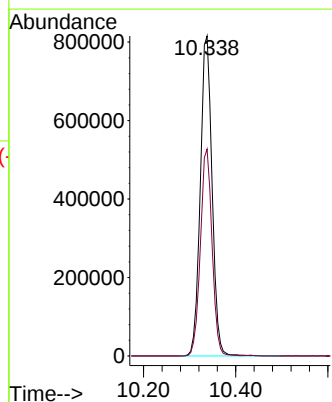
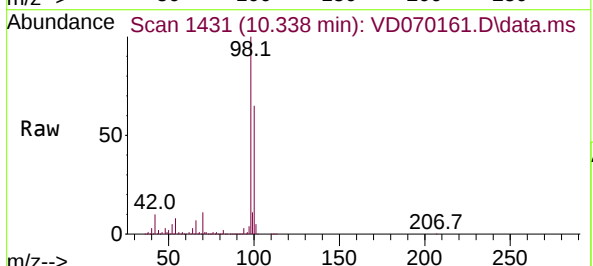
Acq: 19 Aug 2021 11:59

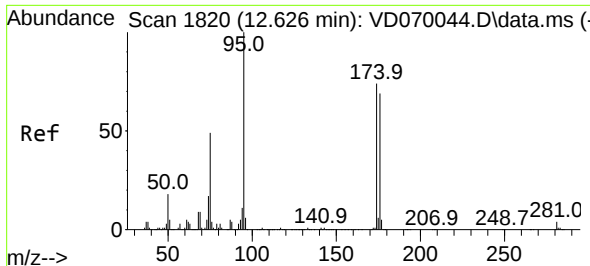
Tgt Ion: 98 Resp: 1448170

Ion Ratio Lower Upper

98 100

100 64.3 52.6 78.8

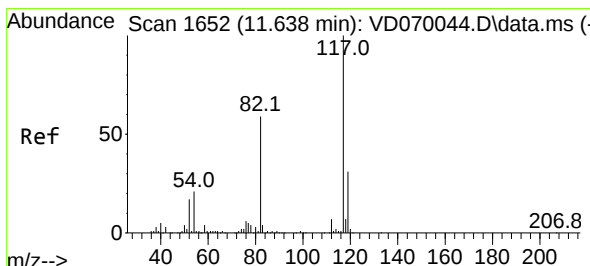
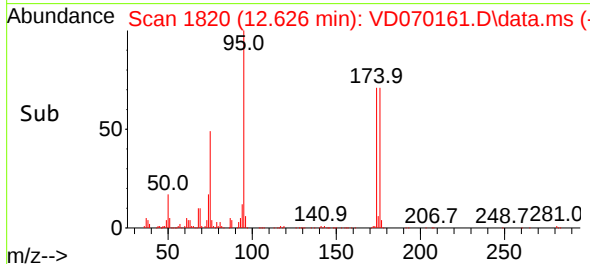
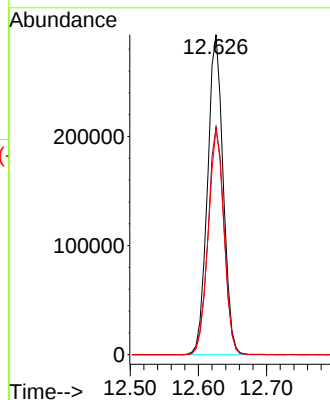
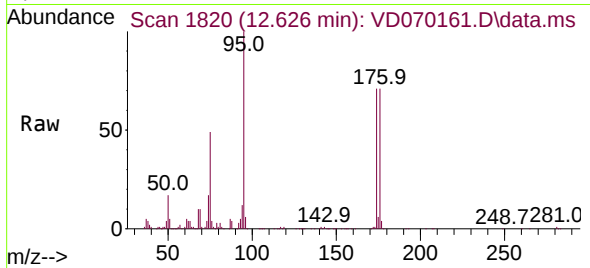




#62
4-Bromofluorobenzene
Concen: 50.299 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070161.D
Acq: 19 Aug 2021 11:59

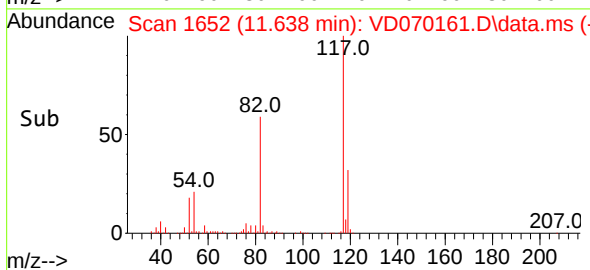
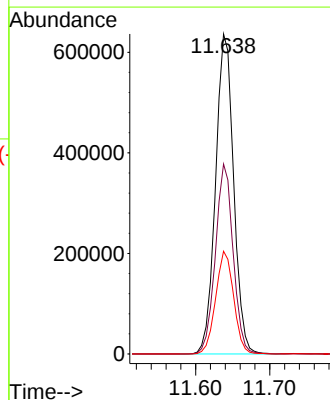
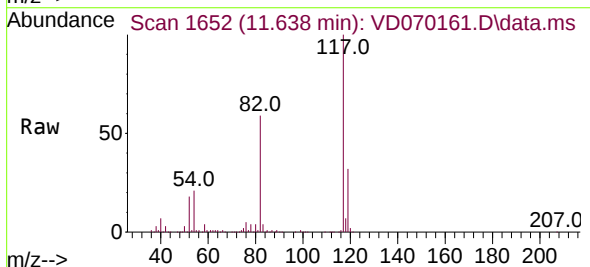
Instrument :
MSVOA_D
ClientSampleId :

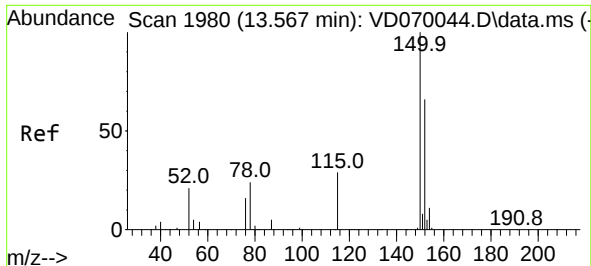
Tgt Ion: 95 Resp: 468362
Ion Ratio Lower Upper
95 100
174 72.7 0.0 141.6
176 70.6 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070161.D
Acq: 19 Aug 2021 11:59

Tgt Ion: 117 Resp: 1078694
Ion Ratio Lower Upper
117 100
82 59.4 47.5 71.3
119 32.1 25.1 37.7

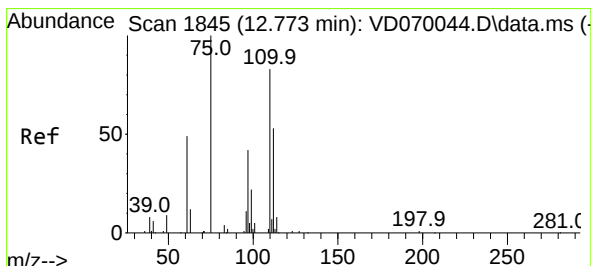
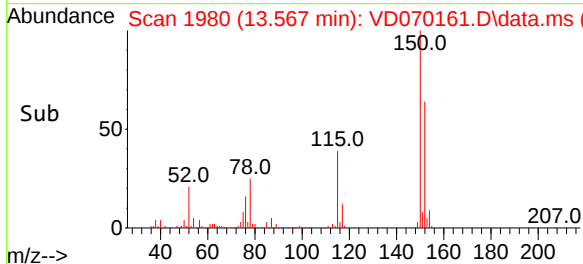
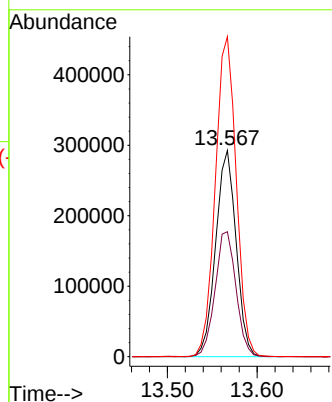
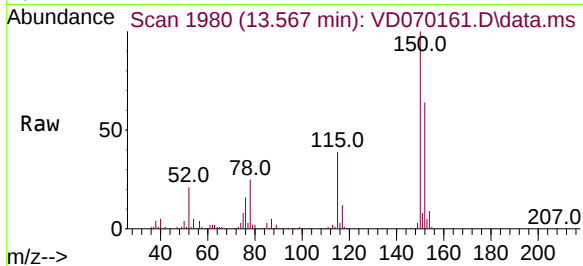




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070161.D
Acq: 19 Aug 2021 11:59

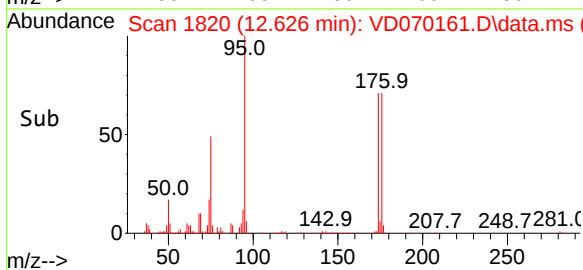
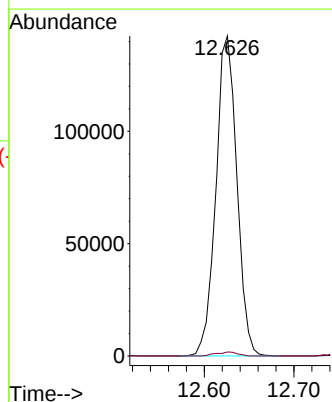
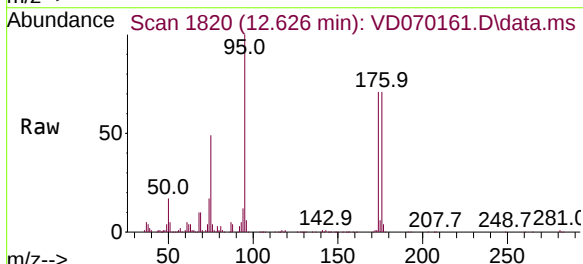
Instrument :
MSVOA_D
ClientSampleId :

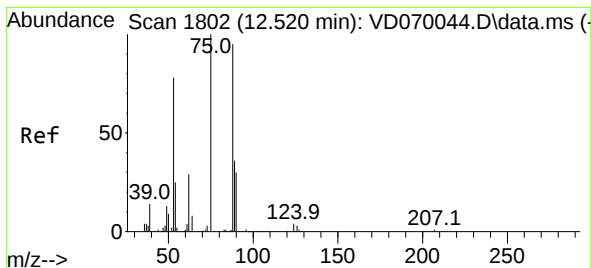
Tgt Ion:152 Resp: 463222
Ion Ratio Lower Upper
152 100
115 62.1 31.2 93.6
150 158.3 0.0 352.0



#76
1,2,3-Trichloropropane
Concen: 49.202 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070161.D
Acq: 19 Aug 2021 11:59

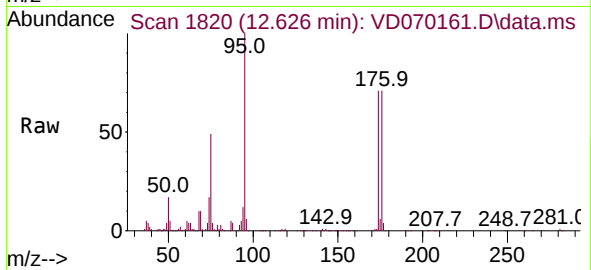
Tgt Ion: 75 Resp: 231135
Ion Ratio Lower Upper
75 100
77 1.3 182.4 547.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 127.709 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.106 min
 Lab File: VD070161.D
 Acq: 19 Aug 2021 11:59

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 231135
 Ion Ratio Lower Upper
 75 100
 53 0.3 64.5 96.7#
 89 0.0 33.7 50.5#

