

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081721\
 Data File : VD070106.D
 Acq On : 18 Aug 2021 01:41
 Operator : VA/SY
 Sample : M3390-12
 Misc : 5.65G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-09-0205

Quant Time: Aug 18 04:33:42 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)

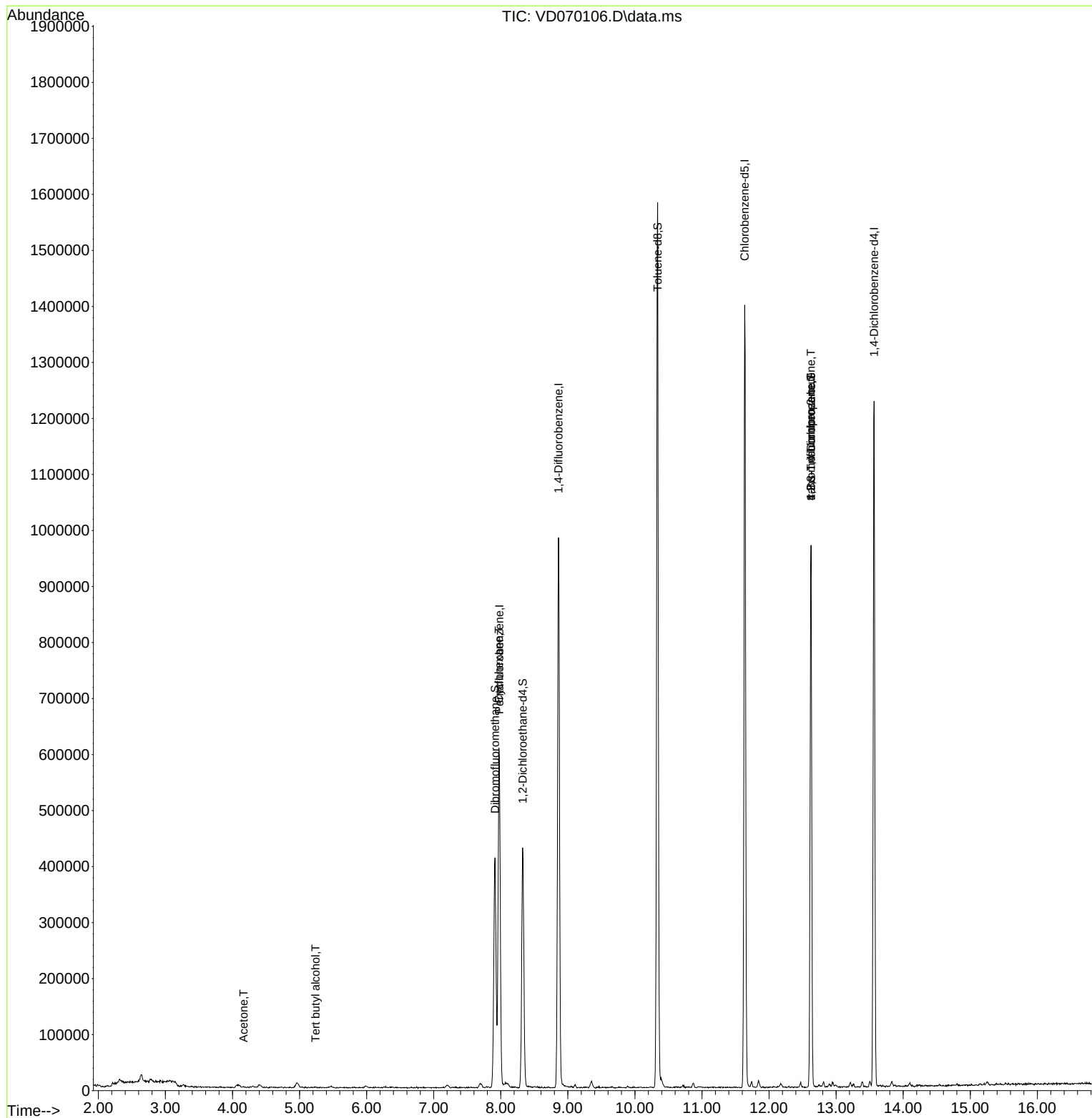
Internal Standards						
1) Pentafluorobenzene	7.979	168	422927	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	839804	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	820321	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	327084	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	332847	66.914	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.820%
35) Dibromofluoromethane	7.914	113	299348	55.172	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.340%
50) Toluene-d8	10.338	98	1075099	50.946	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.900%
62) 4-Bromofluorobenzene	12.626	95	335305	48.240	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	2364	Below Cal		96
3) Chloromethane	2.209	50	3109	Below Cal		95
5) Bromomethane	2.779	94	3205	Below Cal		83
11) Tert butyl alcohol	5.238	59	873	3.175 ug/l #		71
16) Acetone	4.167	43	1908	2.082 ug/l #		65
20) Methylene Chloride	4.979	84	6452	Below Cal #		85
31) Cyclohexane	7.973	56	13331	1.354 ug/l #		12
76) 1,2,3-Trichloropropane	12.626	75	165520	49.899 ug/l #		1
81) trans-1,4-Dichloro-2-b...	12.626	75	165520	129.520 ug/l #		18

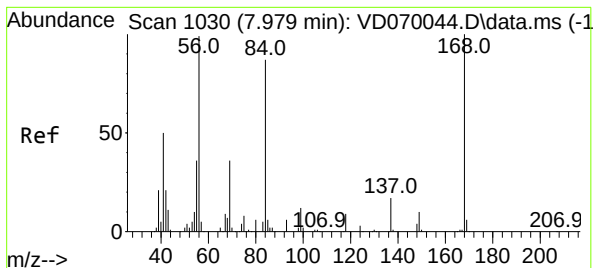
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 14 02:33:51 2021
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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: VD070106.D

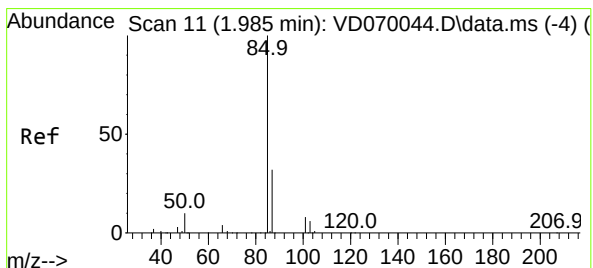
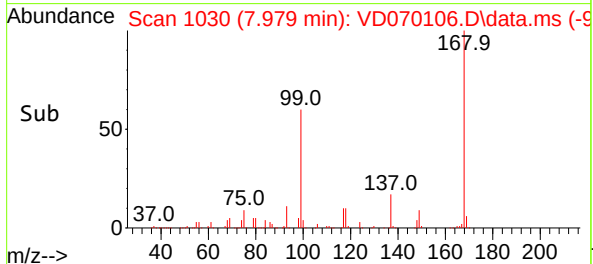
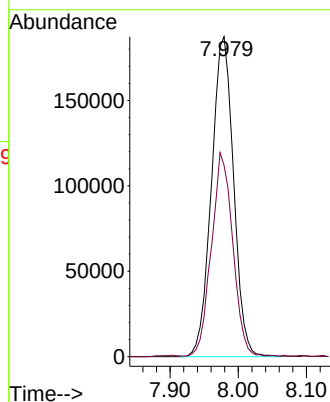
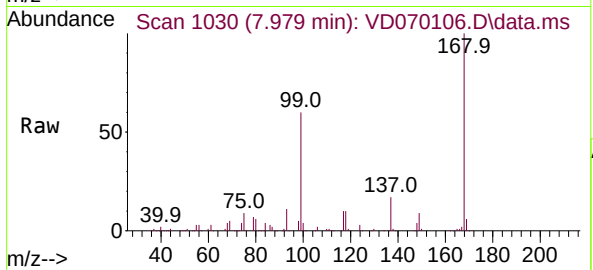
Acq: 18 Aug 2021 01:41

Tgt Ion:168 Resp: 422927

Ion Ratio Lower Upper

168 100

99 59.6 50.3 75.5



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.991 min Scan# 12

Delta R.T. 0.006 min

Lab File: VD070106.D

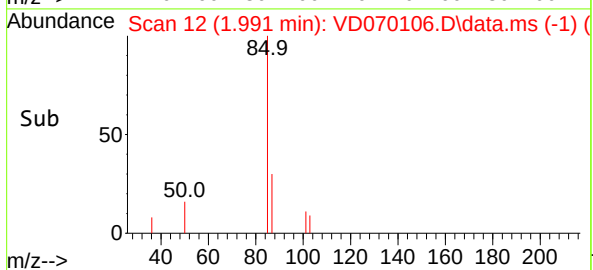
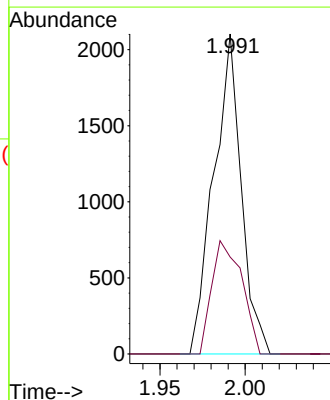
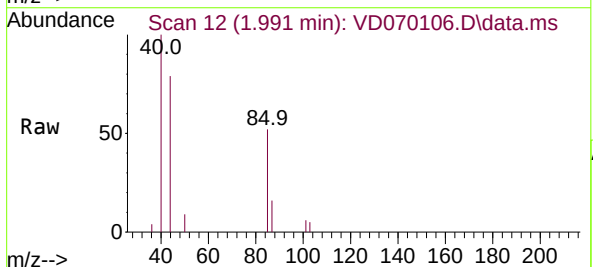
Acq: 18 Aug 2021 01:41

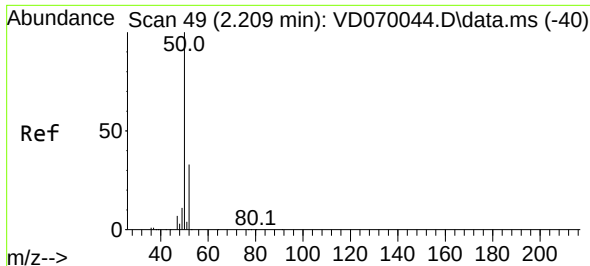
Tgt Ion: 85 Resp: 2364

Ion Ratio Lower Upper

85 100

87 30.3 16.2 48.6

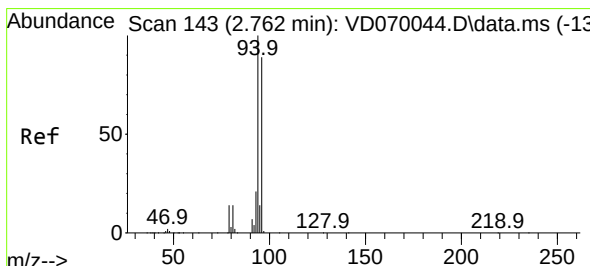
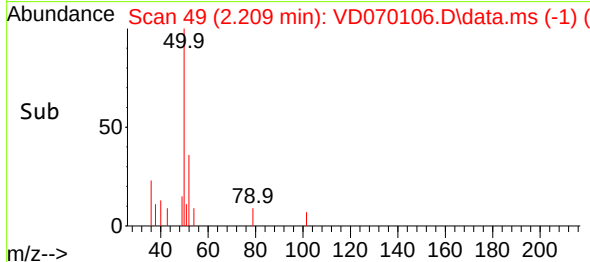
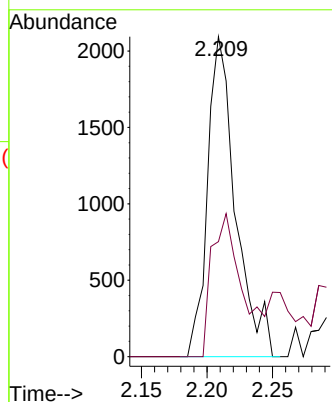
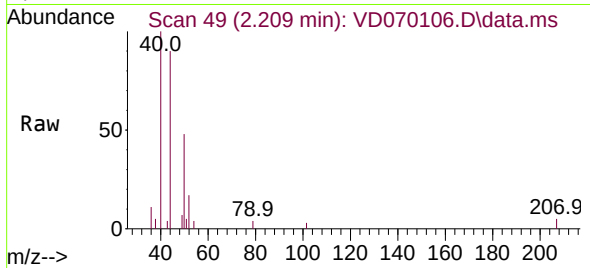




#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070106.D
Acq: 18 Aug 2021 01:41

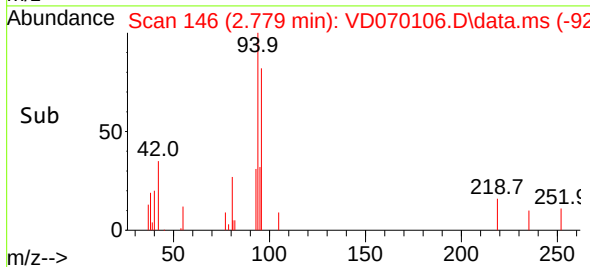
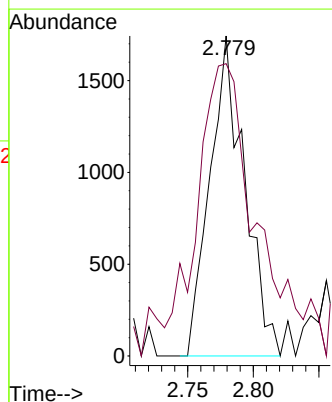
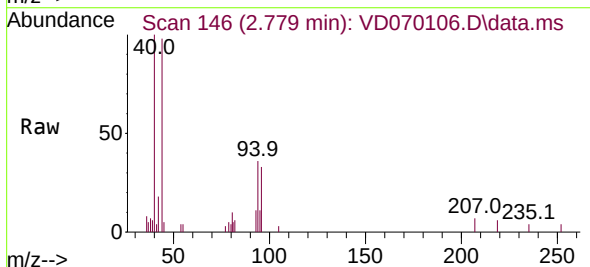
Instrument :
MSVOA_D
ClientSampleId :
SWCS-09-0205

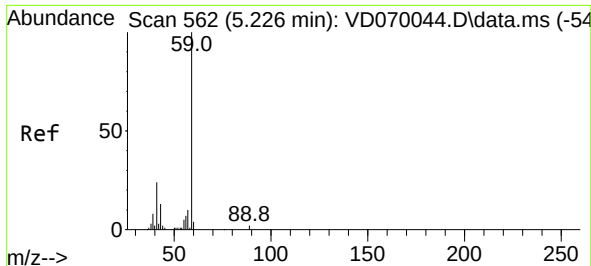
Tgt Ion: 50 Resp: 3109
Ion Ratio Lower Upper
50 100
52 36.0 26.3 39.5



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.017 min
Lab File: VD070106.D
Acq: 18 Aug 2021 01:41

Tgt Ion: 94 Resp: 3205
Ion Ratio Lower Upper
94 100
96 73.1 70.9 106.3



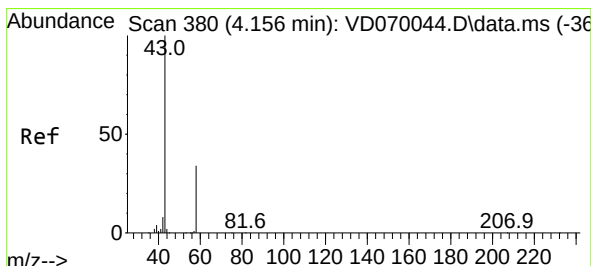
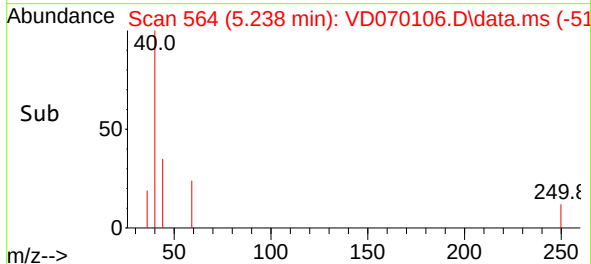
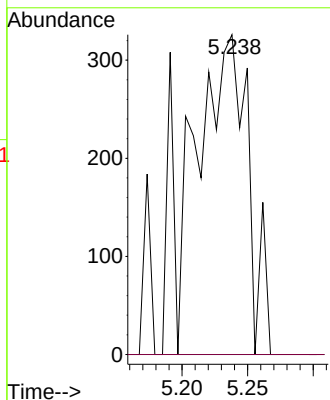
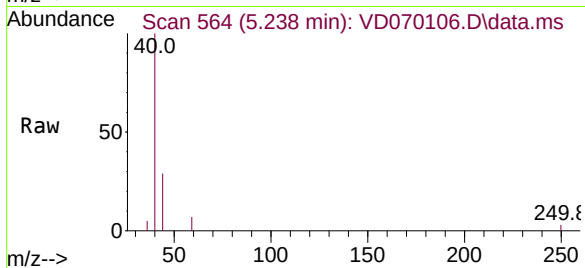


#11

Tert butyl alcohol
Concen: 3.175 ug/l
RT: 5.238 min Scan# 564
Delta R.T. 0.012 min
Lab File: VD070106.D
Acq: 18 Aug 2021 01:41

Instrument :
MSVOA_D
ClientSampleId :
SWCS-09-0205

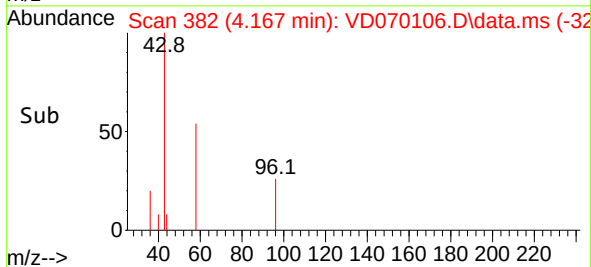
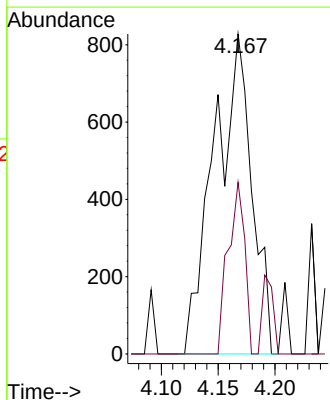
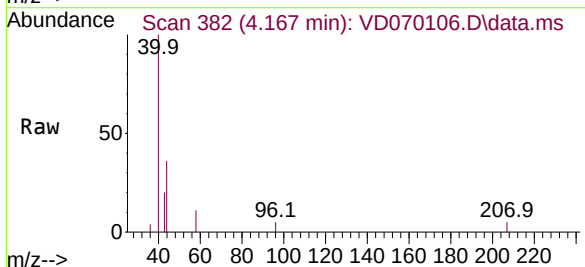
Tgt Ion: 59 Resp: 873
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#

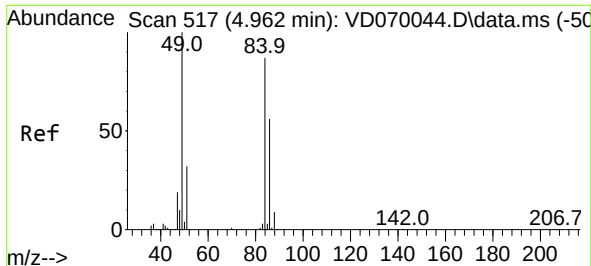


#16

Acetone
Concen: 2.082 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD070106.D
Acq: 18 Aug 2021 01:41

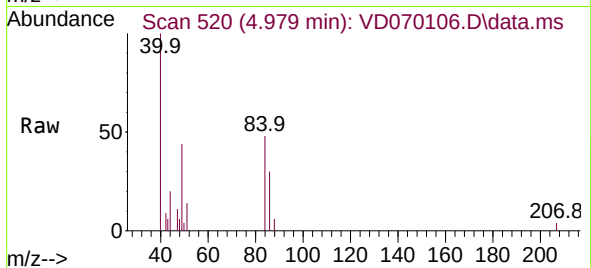
Tgt Ion: 43 Resp: 1908
Ion Ratio Lower Upper
43 100
58 53.6 26.8 40.2#



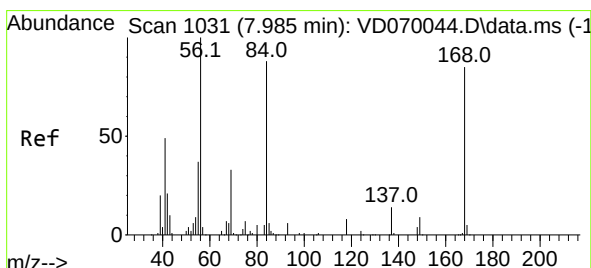
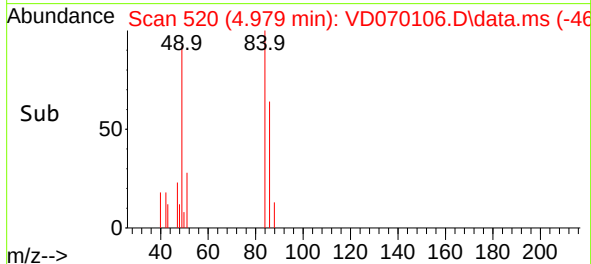
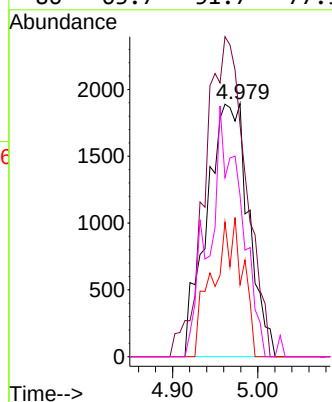


#20
Methylene Chloride
Concen: Below Cal
RT: 4.979 min Scan# 520
Delta R.T. 0.017 min
Lab File: VD070106.D
Acq: 18 Aug 2021 01:41

Instrument :
MSVOA_D
ClientSampleId :
SWCS-09-0205

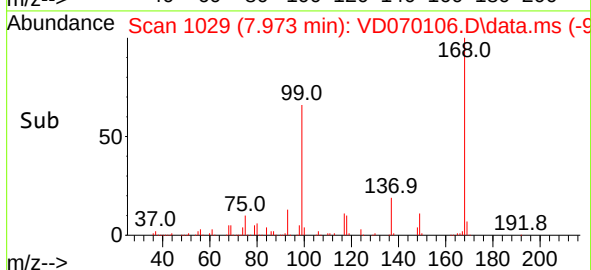
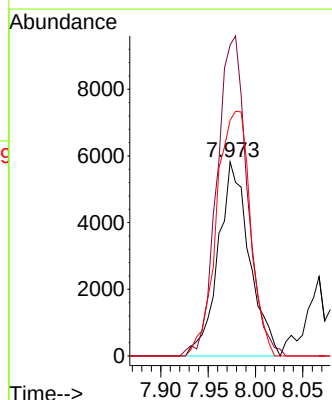
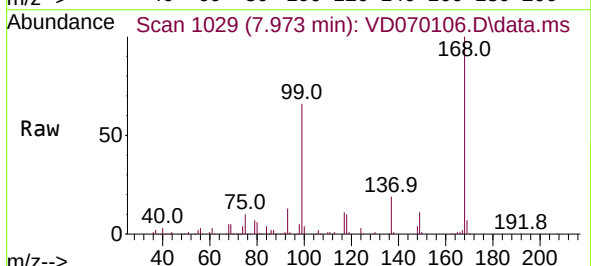


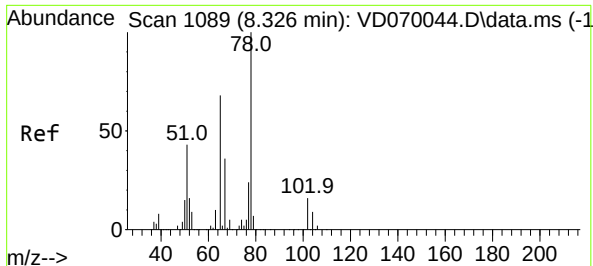
Tgt Ion:	84	Resp:	6452
Ion	Ratio	Lower	Upper
84	100		
49	91.5	92.5	138.7#
51	28.4	29.7	44.5#
86	63.7	51.7	77.5



#31
Cyclohexane
Concen: 1.354 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD070106.D
Acq: 18 Aug 2021 01:41

Tgt Ion:	56	Resp:	13331
Ion	Ratio	Lower	Upper
56	100		
69	160.3	26.7	40.1#
84	121.5	70.4	105.6#

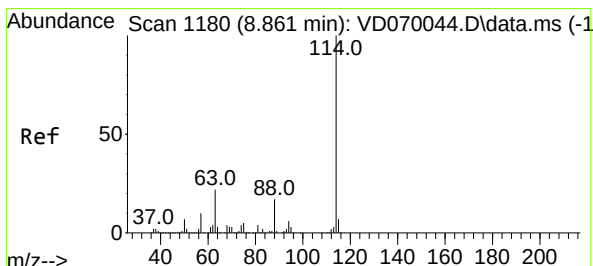
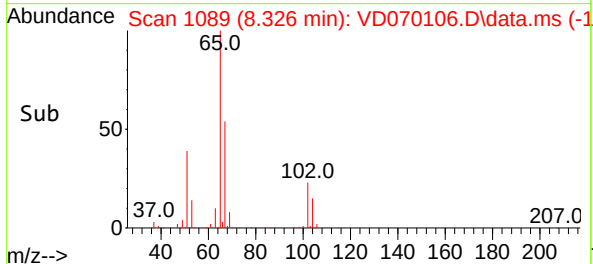
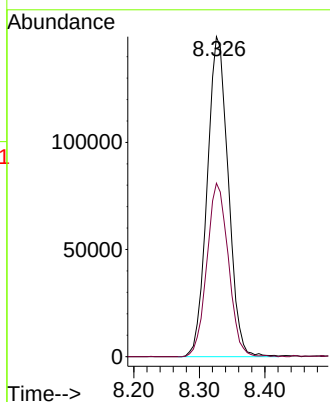
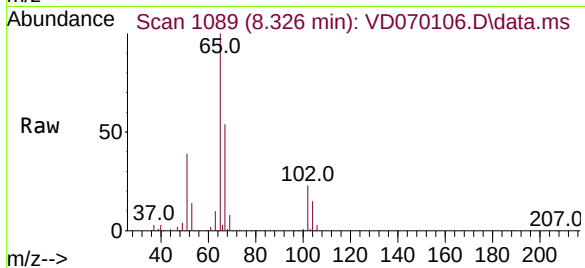




#33
 1,2-Dichloroethane-d4
 Concen: 66.914 ug/l
 RT: 8.326 min Scan# 1089
 Delta R.T. -0.000 min
 Lab File: VD070106.D
 Acq: 18 Aug 2021 01:41

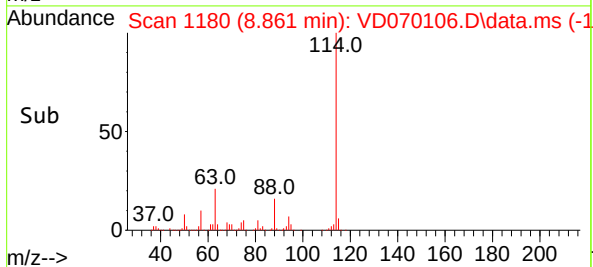
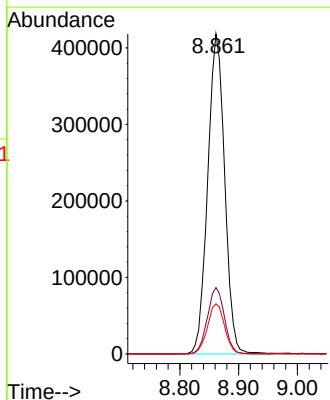
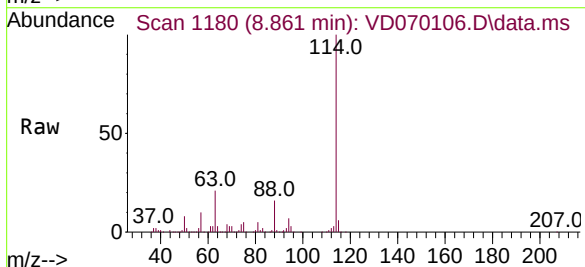
Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-09-0205

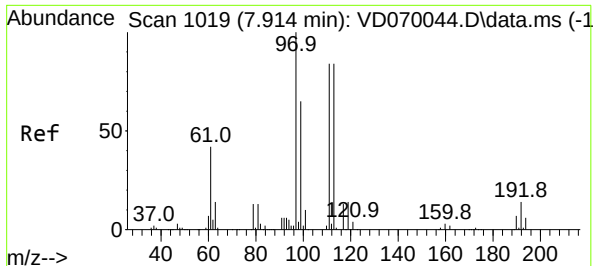
Tgt Ion: 65 Resp: 332847
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.861 min Scan# 1180
 Delta R.T. -0.000 min
 Lab File: VD070106.D
 Acq: 18 Aug 2021 01:41

Tgt Ion: 114 Resp: 839804
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 43.6
 88 15.7 0.0 33.4

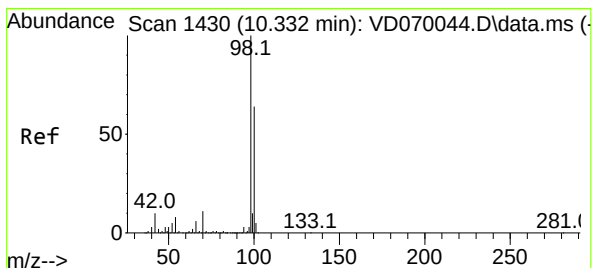
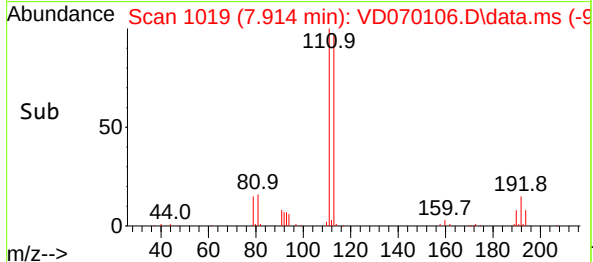
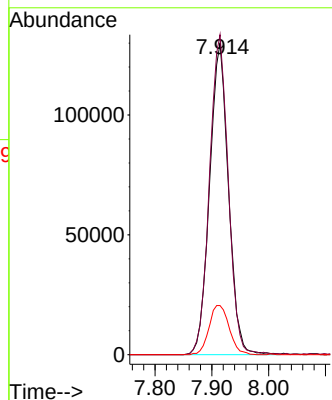
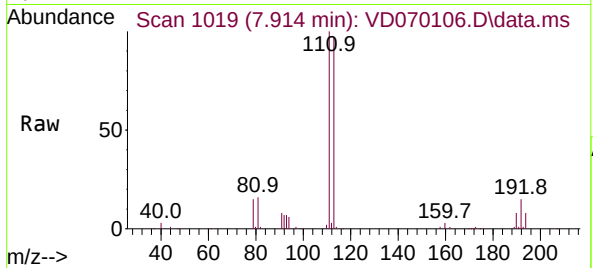




#35
Dibromofluoromethane
Concen: 55.172 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070106.D
Acq: 18 Aug 2021 01:41

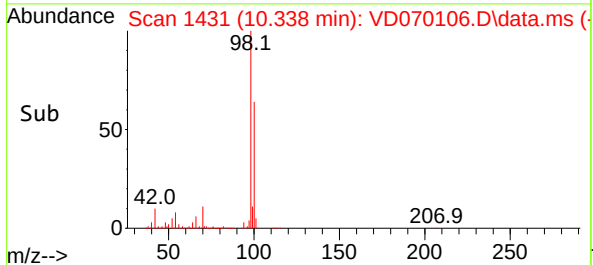
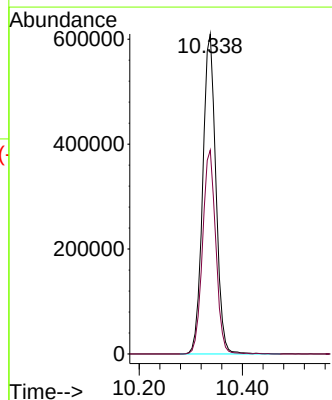
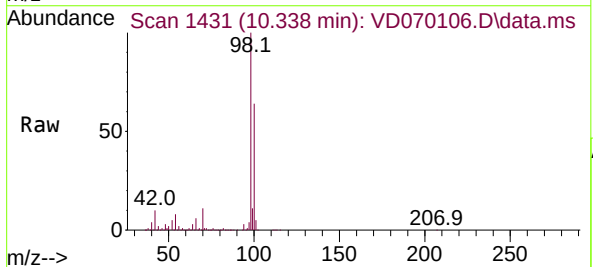
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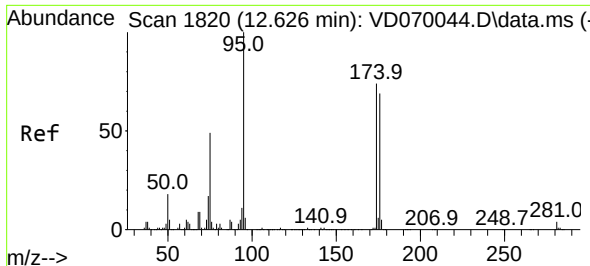
Tgt Ion:113 Resp: 299348
Ion Ratio Lower Upper
113 100
111 102.6 81.8 122.6
192 16.9 13.2 19.8



#50
Toluene-d8
Concen: 50.946 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070106.D
Acq: 18 Aug 2021 01:41

Tgt Ion: 98 Resp: 1075099
Ion Ratio Lower Upper
98 100
100 64.0 52.6 78.8

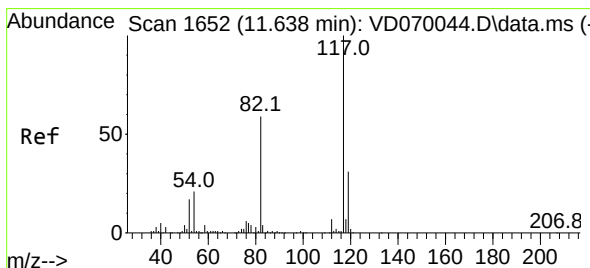
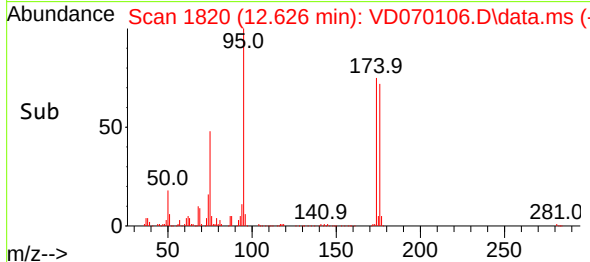
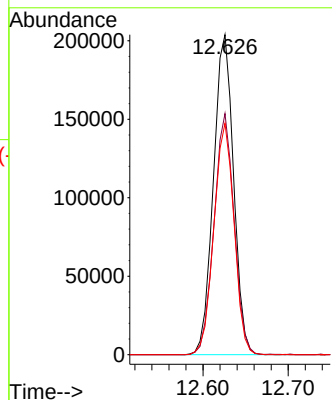
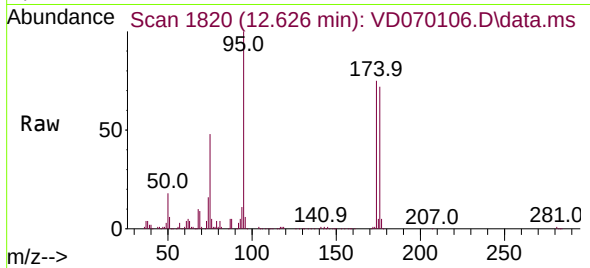




#62
4-Bromofluorobenzene
Concen: 48.240 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070106.D
Acq: 18 Aug 2021 01:41

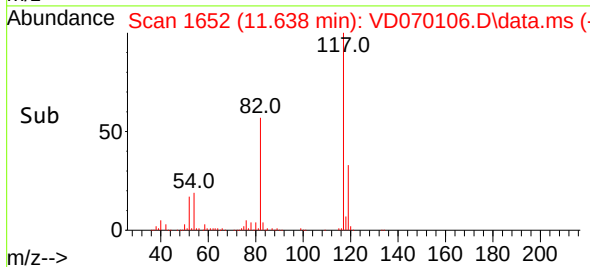
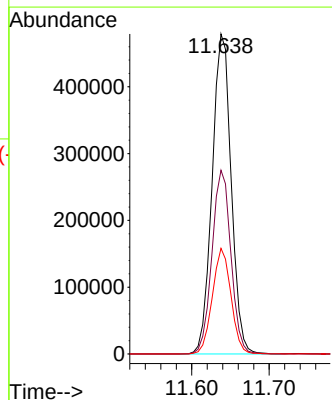
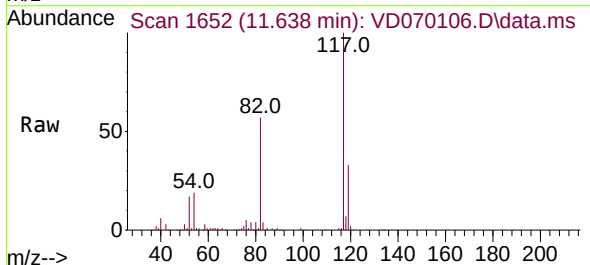
Instrument :
MSVOA_D
ClientSampleId :
SWCS-09-0205

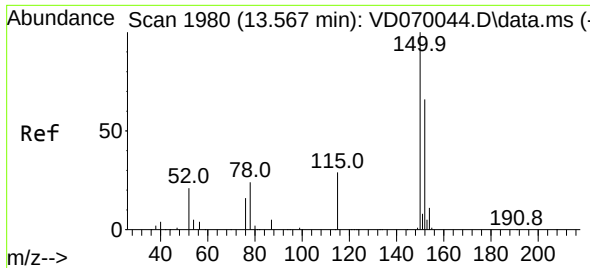
Tgt Ion: 95 Resp: 335305
Ion Ratio Lower Upper
95 100
174 75.3 0.0 141.6
176 72.4 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070106.D
Acq: 18 Aug 2021 01:41

Tgt Ion: 117 Resp: 820321
Ion Ratio Lower Upper
117 100
82 57.4 47.5 71.3
119 33.0 25.1 37.7

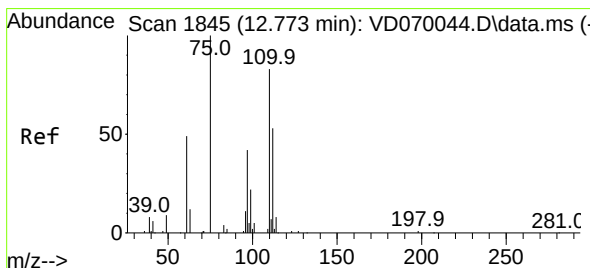
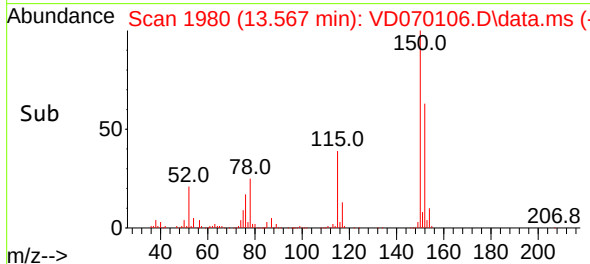
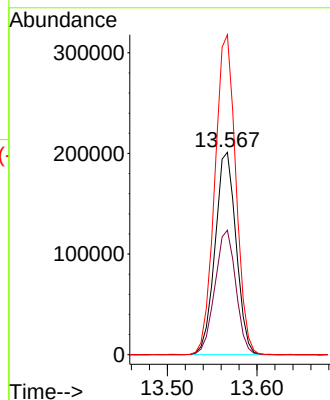
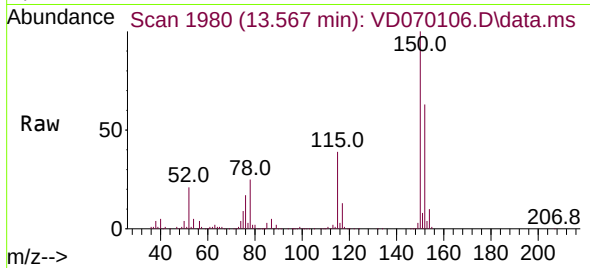




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD070106.D
 Acq: 18 Aug 2021 01:41

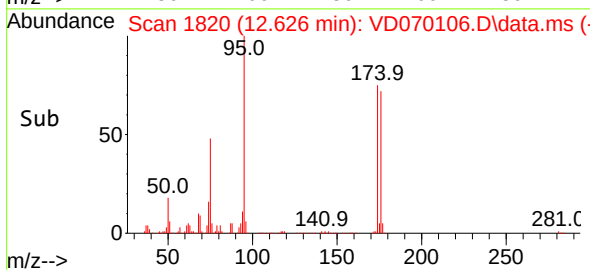
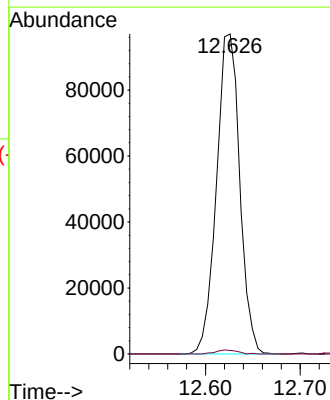
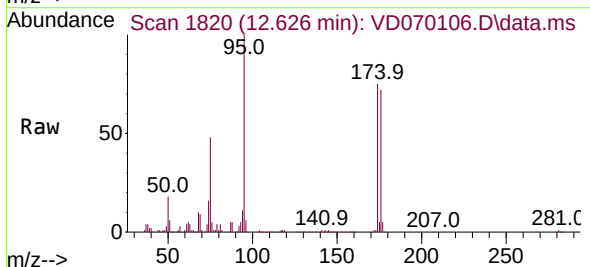
Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-09-0205

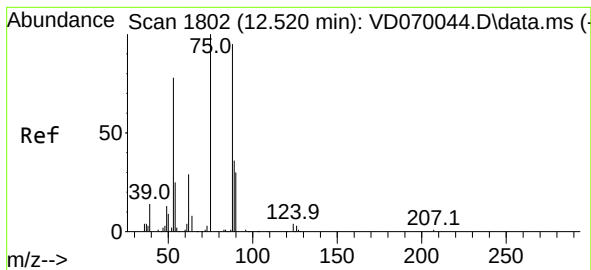
Tgt Ion:152 Resp: 327084
 Ion Ratio Lower Upper
 152 100
 115 61.4 31.2 93.6
 150 158.1 0.0 352.0



#76
 1,2,3-Trichloropropane
 Concen: 49.899 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD070106.D
 Acq: 18 Aug 2021 01:41

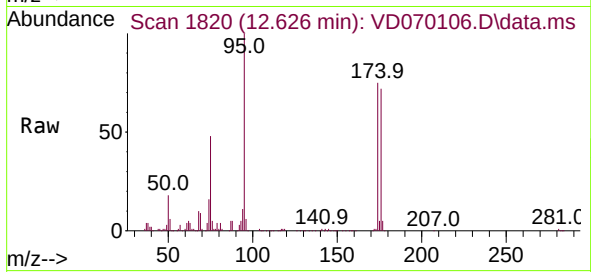
Tgt Ion: 75 Resp: 165520
 Ion Ratio Lower Upper
 75 100
 77 1.2 182.4 547.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 129.520 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.106 min
 Lab File: VD070106.D
 Acq: 18 Aug 2021 01:41

Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-09-0205



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

