

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081721\
 Data File : VD070109.D
 Acq On : 18 Aug 2021 03:07
 Operator : VA/SY
 Sample : M3390-15
 Misc : 4.96G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-09-1015

Quant Time: Aug 18 04:34:09 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)

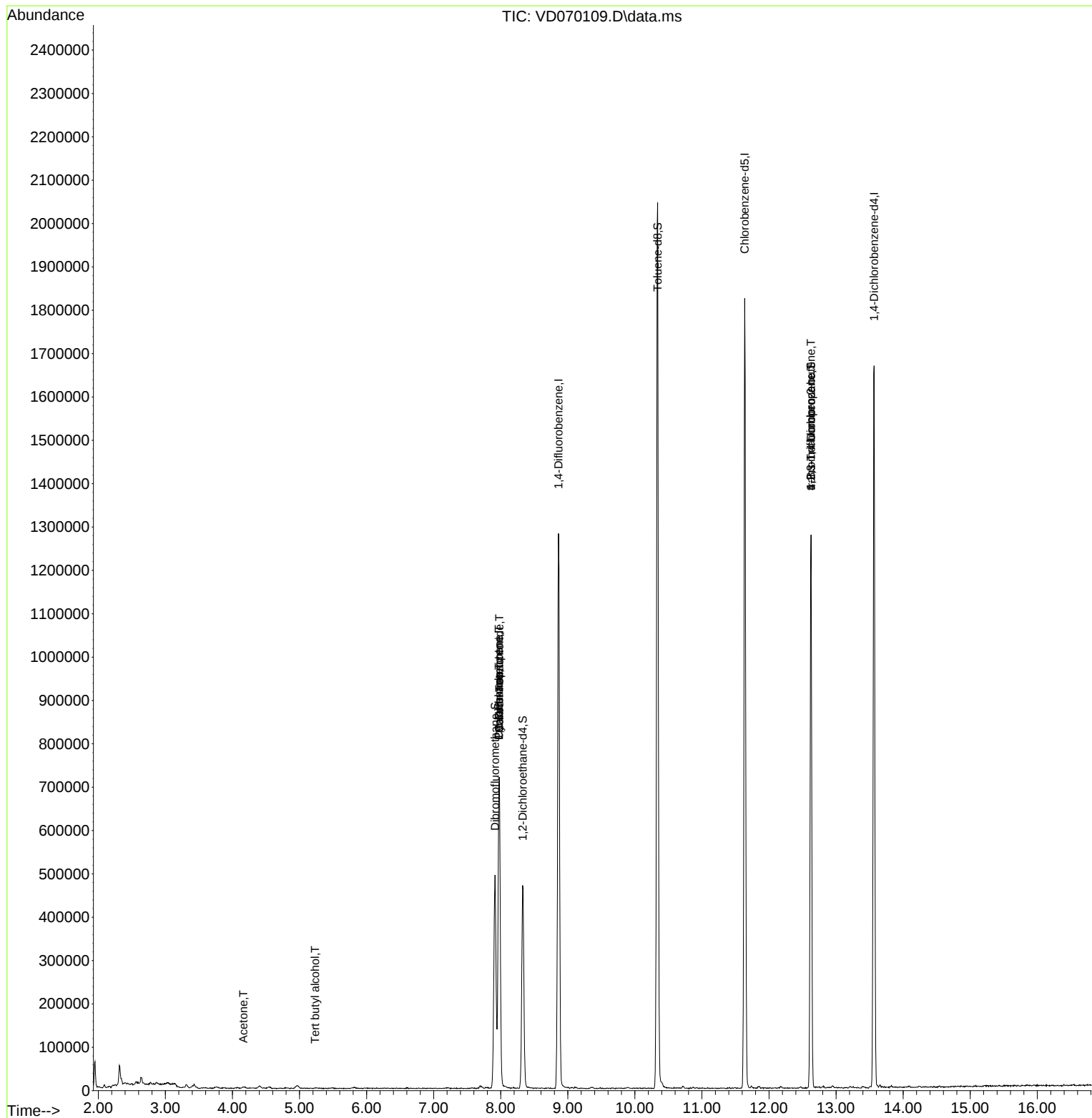
Internal Standards						
1) Pentafluorobenzene	7.973	168	518097	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1076607	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1043772	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	446508	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	359930	59.067	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.140%			
35) Dibromofluoromethane	7.914	113	357190	51.353	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.700%			
50) Toluene-d8	10.338	98	1401348	51.799	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.600%			
62) 4-Bromofluorobenzene	12.626	95	440219	49.404	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 98.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	830	Below Cal		89
3) Chloromethane	2.209	50	1812	Below Cal	#	77
5) Bromomethane	2.774	94	2481	Below Cal	#	79
11) Tert butyl alcohol	5.232	59	1055	3.132	ug/l #	71
16) Acetone	4.162	43	4050	3.608	ug/l #	59
20) Methylene Chloride	4.962	84	3547	Below Cal	#	81
31) Cyclohexane	7.973	56	13539	1.123	ug/l #	10
36) 1,1-Dichloropropene	7.973	75	45547	3.933	ug/l #	49
38) Carbon Tetrachloride	7.979	117	54278	5.162	ug/l #	13
76) 1,2,3-Trichloropropane	12.626	75	211967	46.810	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	211967	121.503	ug/l #	18

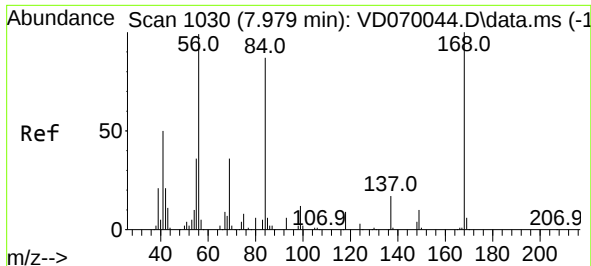
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

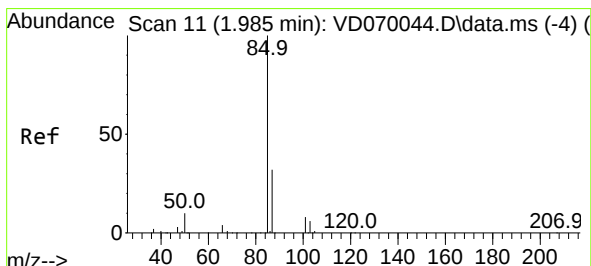
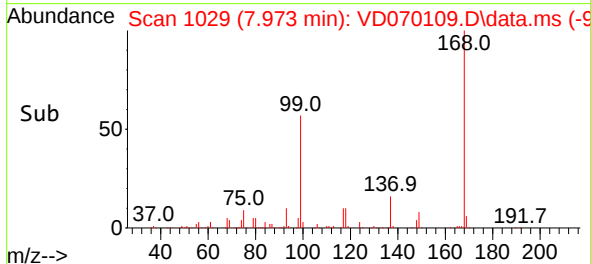
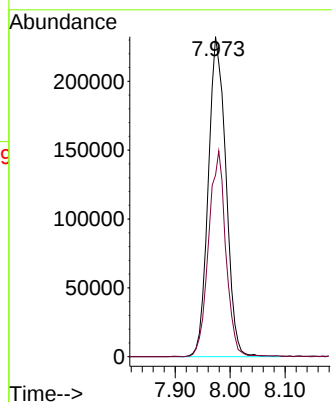
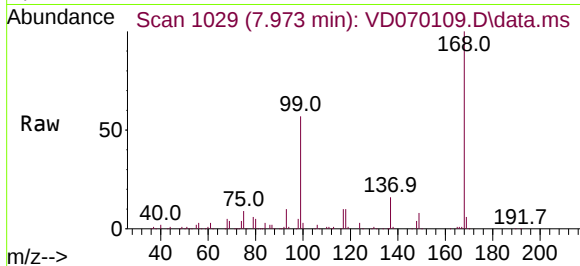




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070109.D
Acq: 18 Aug 2021 03:07

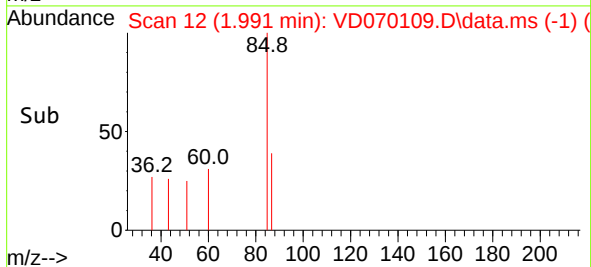
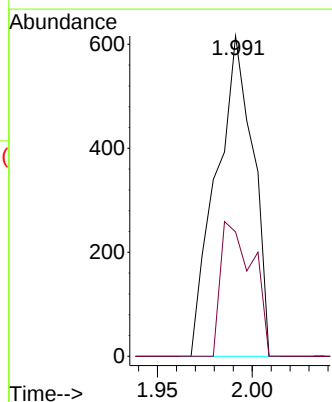
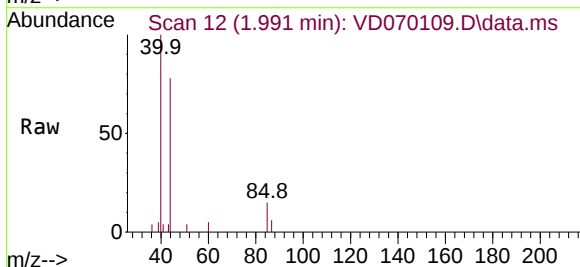
Instrument :
MSVOA_D
ClientSampleId :
SWCS-09-1015

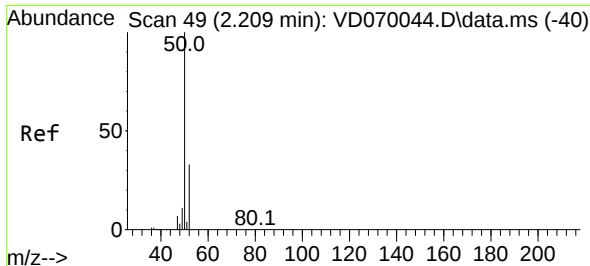
Tgt Ion:168 Resp: 518097
Ion Ratio Lower Upper
168 100
99 56.6 50.3 75.5



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.991 min Scan# 12
Delta R.T. 0.006 min
Lab File: VD070109.D
Acq: 18 Aug 2021 03:07

Tgt Ion: 85 Resp: 830
Ion Ratio Lower Upper
85 100
87 38.8 16.2 48.6

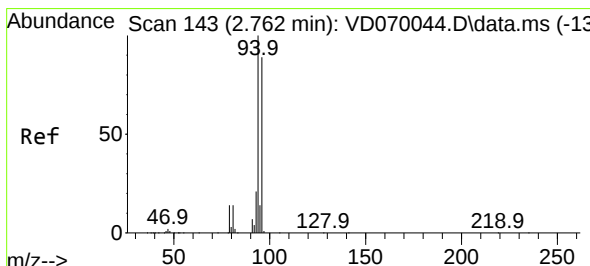
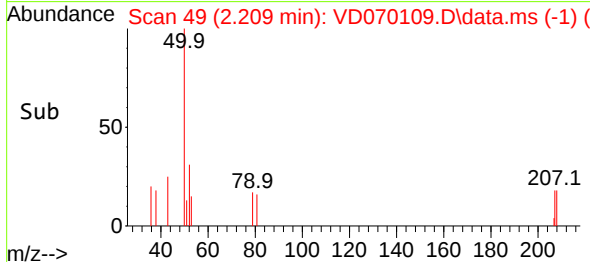
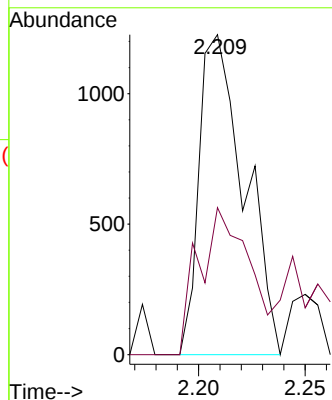
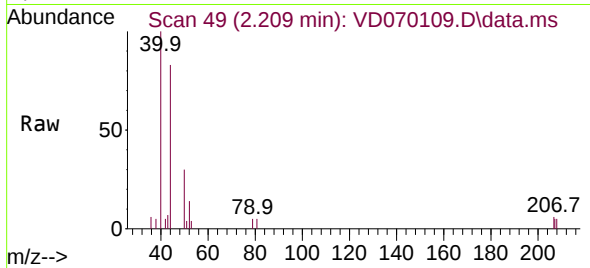




#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070109.D
Acq: 18 Aug 2021 03:07

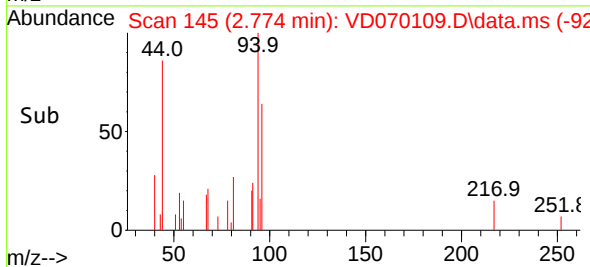
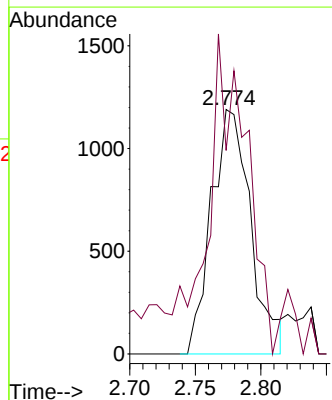
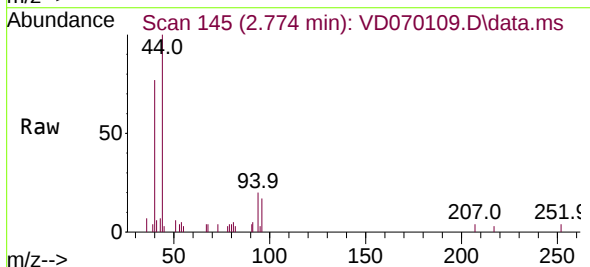
Instrument :
MSVOA_D
ClientSampleId :
SWCS-09-1015

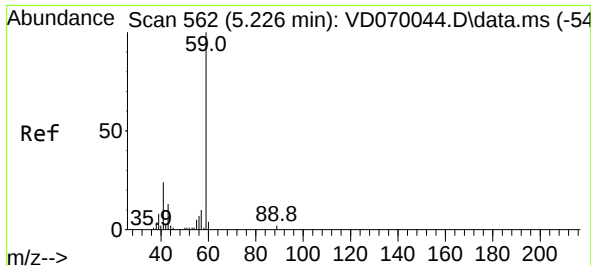
Tgt Ion: 50 Resp: 1812
Ion Ratio Lower Upper
50 100
52 45.9 26.3 39.5#



#5
Bromomethane
Concen: Below Cal
RT: 2.774 min Scan# 145
Delta R.T. 0.012 min
Lab File: VD070109.D
Acq: 18 Aug 2021 03:07

Tgt Ion: 94 Resp: 2481
Ion Ratio Lower Upper
94 100
96 69.0 70.9 106.3#



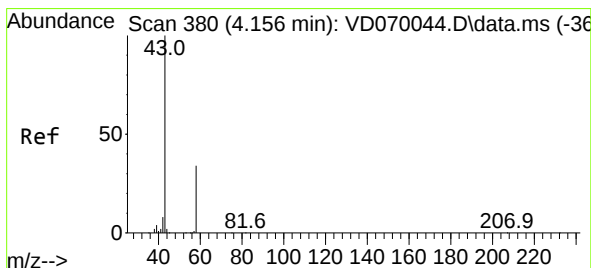
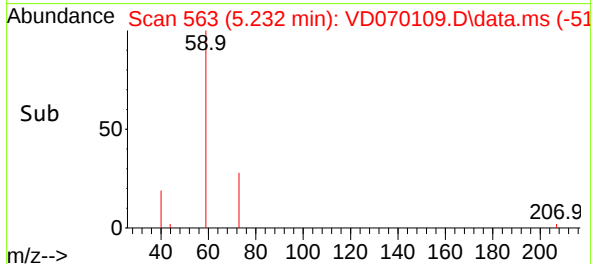
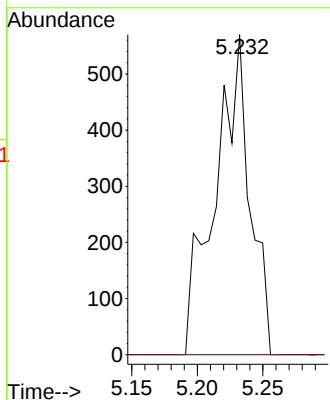
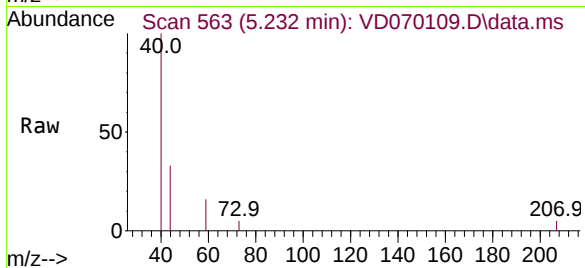


#11

Tert butyl alcohol
Concen: 3.132 ug/l
RT: 5.232 min Scan# 563
Delta R.T. 0.006 min
Lab File: VD070109.D
Acq: 18 Aug 2021 03:07

Instrument :
MSVOA_D
ClientSampleId :
SWCS-09-1015

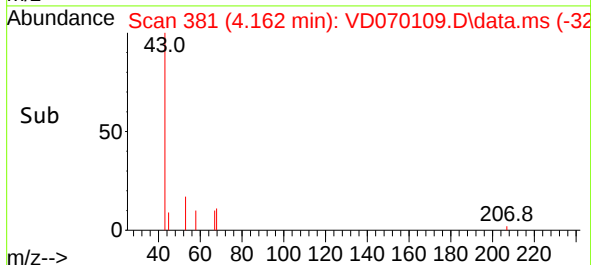
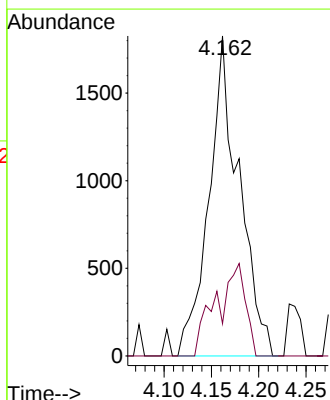
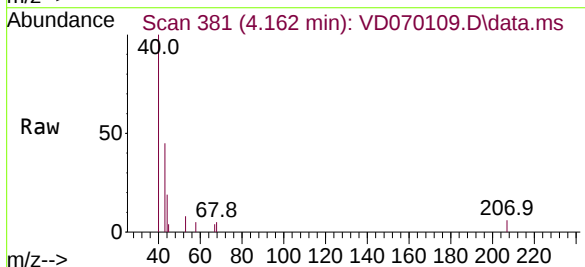
Tgt Ion: 59 Resp: 1055
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#

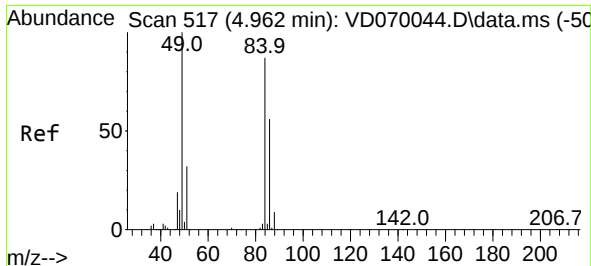


#16

Acetone
Concen: 3.608 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070109.D
Acq: 18 Aug 2021 03:07

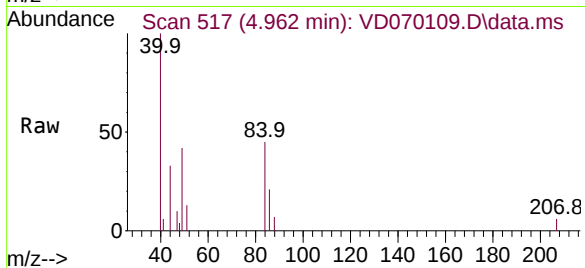
Tgt Ion: 43 Resp: 4050
Ion Ratio Lower Upper
43 100
58 10.1 26.8 40.2#



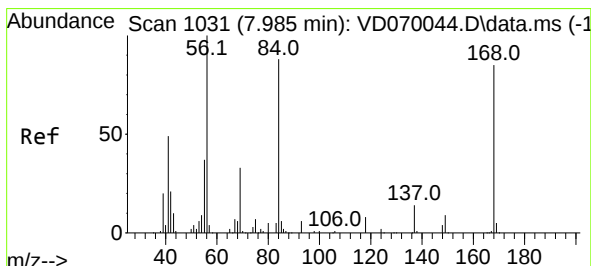
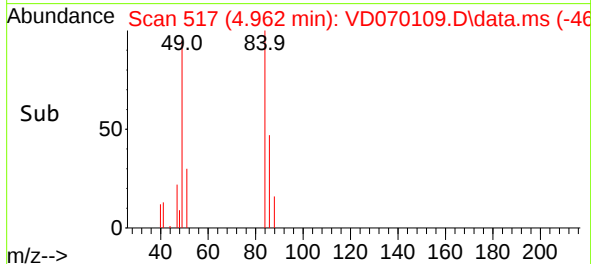
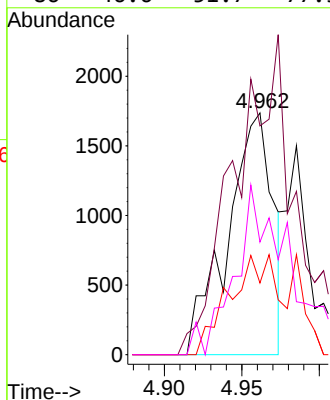


#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD070109.D
Acq: 18 Aug 2021 03:07

Instrument :
MSVOA_D
ClientSampleId :
SWCS-09-1015

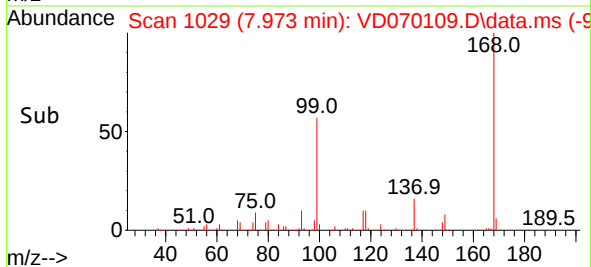
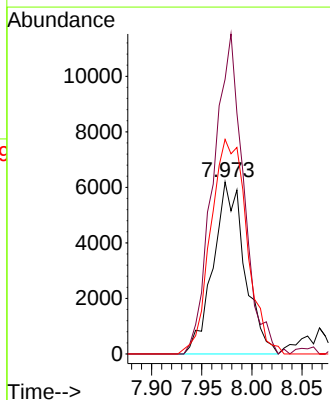
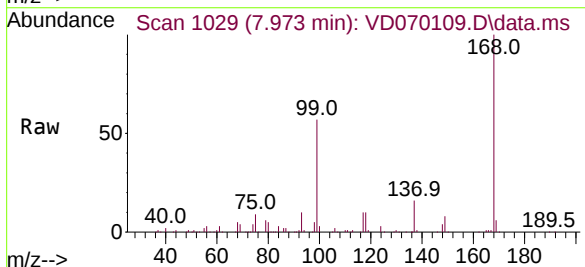


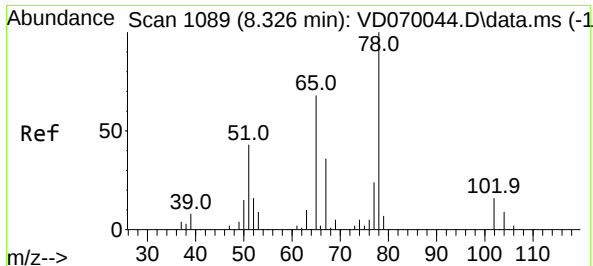
Tgt Ion:	84	Resp:	3547
Ion	Ratio	Lower	Upper
84	100		
49	94.6	92.5	138.7
51	29.6	29.7	44.5#
86	46.6	51.7	77.5#



#31
Cyclohexane
Concen: 1.123 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD070109.D
Acq: 18 Aug 2021 03:07

Tgt Ion:	56	Resp:	13539
Ion	Ratio	Lower	Upper
56	100		
69	159.7	26.7	40.1#
84	124.7	70.4	105.6#

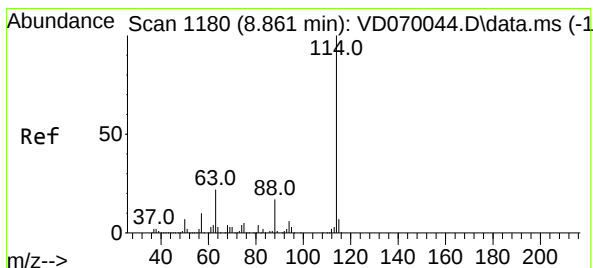
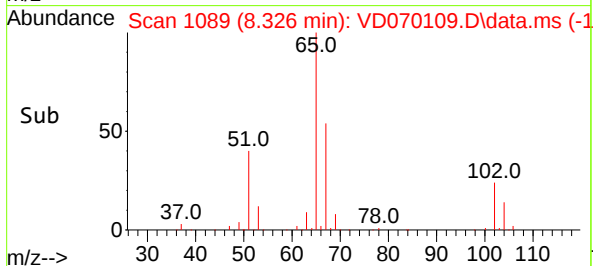
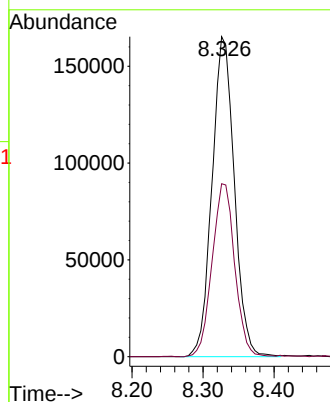
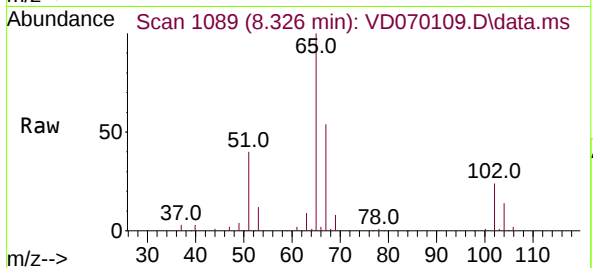




#33
1,2-Dichloroethane-d4
Concen: 59.067 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070109.D
Acq: 18 Aug 2021 03:07

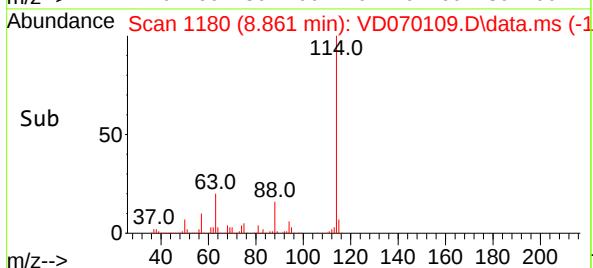
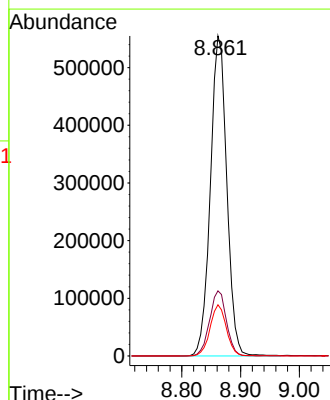
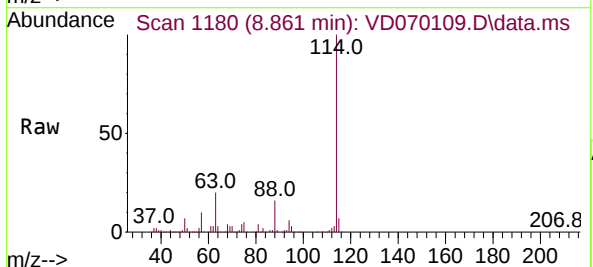
Instrument :
MSVOA_D
ClientSampleId :
SWCS-09-1015

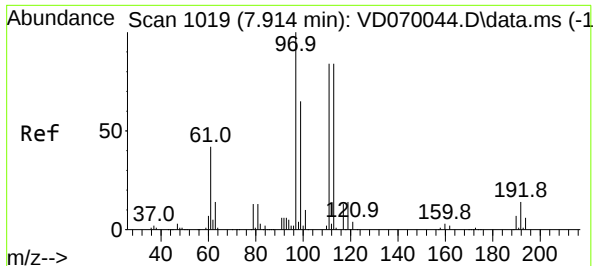
Tgt Ion: 65 Resp: 359930
Ion Ratio Lower Upper
65 100
67 54.8 0.0 107.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070109.D
Acq: 18 Aug 2021 03:07

Tgt Ion: 114 Resp: 1076607
Ion Ratio Lower Upper
114 100
63 20.3 0.0 43.6
88 16.0 0.0 33.4





#35

Dibromofluoromethane

Concen: 51.353 ug/l

RT: 7.914 min Scan# 1019

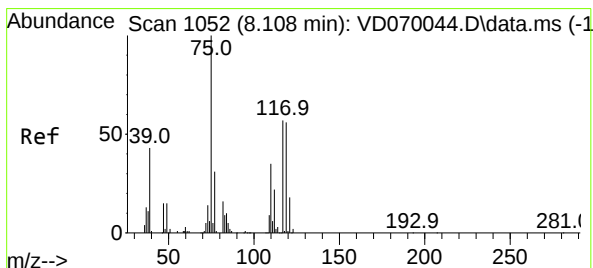
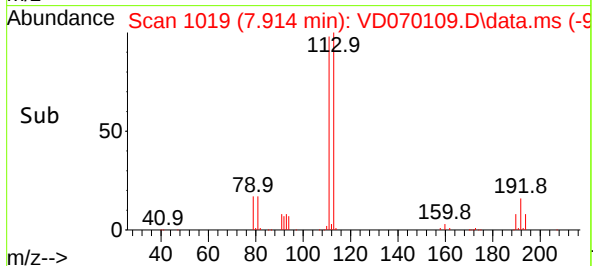
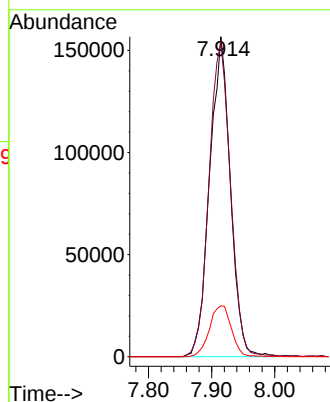
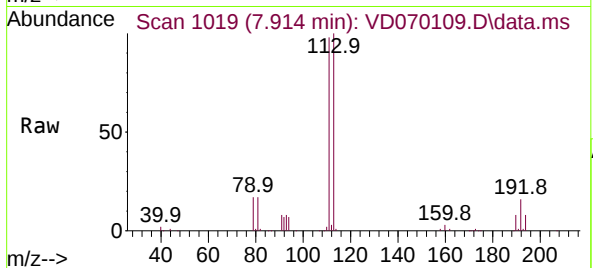
Delta R.T. 0.000 min

Lab File: VD070109.D

Acq: 18 Aug 2021 03:07

Tgt Ion:	113	Resp:	357190
Ion Ratio	Lower	Upper	
113	100		
111	102.0	81.8	122.6
192	16.9	13.2	19.8

Instrument :
MSVOA_D
ClientSampleId :
SWCS-09-1015



#36

1,1-Dichloropropene

Concen: 3.933 ug/l

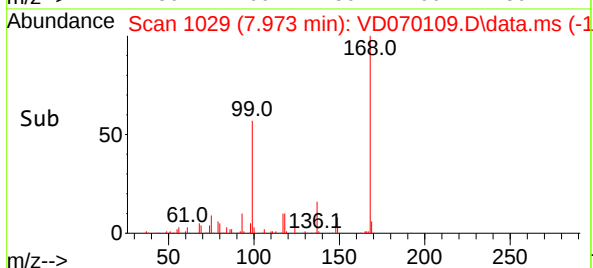
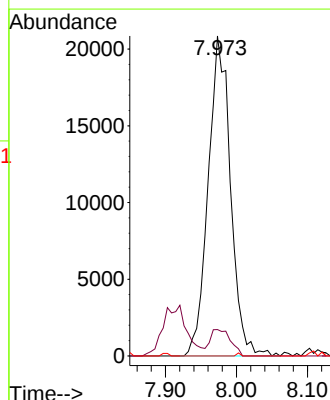
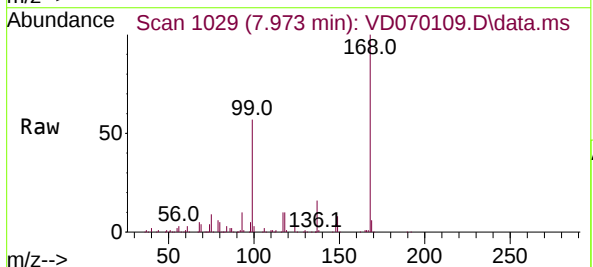
RT: 7.973 min Scan# 1029

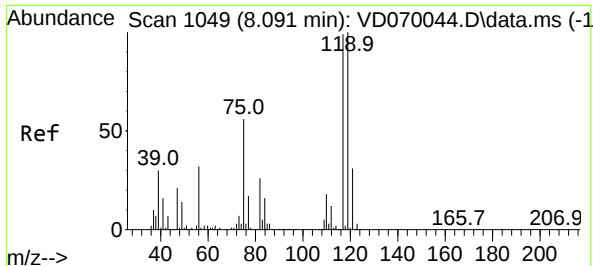
Delta R.T. -0.135 min

Lab File: VD070109.D

Acq: 18 Aug 2021 03:07

Tgt Ion:	75	Resp:	45547
Ion Ratio	Lower	Upper	
75	100		
110	7.5	16.9	50.7#
77	0.0	25.2	37.8#

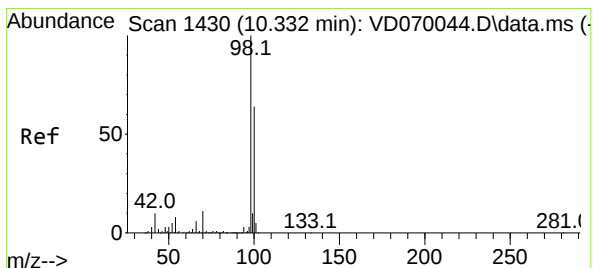
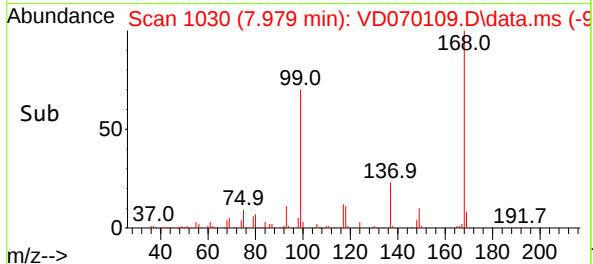
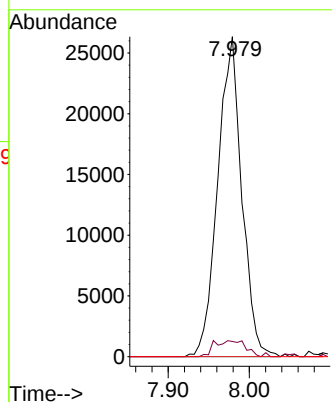
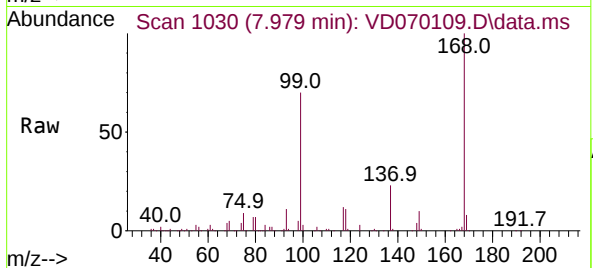




#38
Carbon Tetrachloride
Concen: 5.162 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.112 min
Lab File: VD070109.D
Acq: 18 Aug 2021 03:07

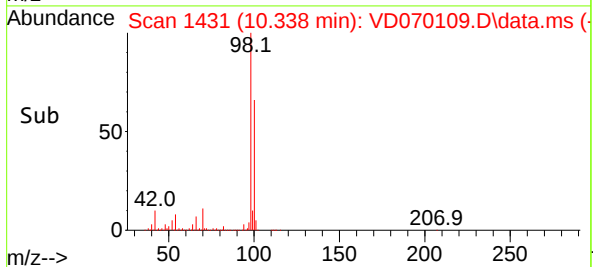
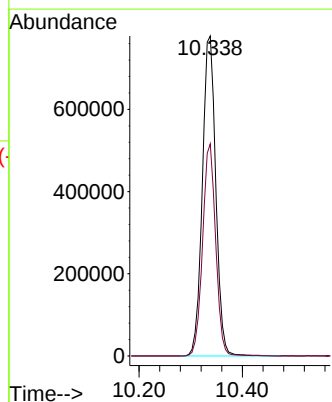
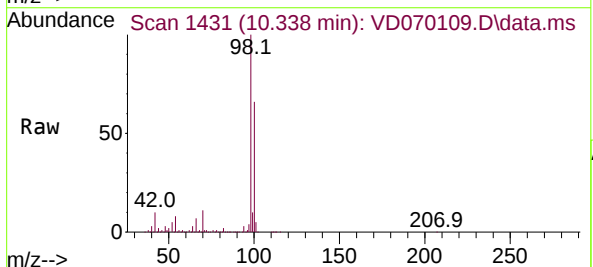
Instrument :
MSVOA_D
ClientSampleId :
SWCS-09-1015

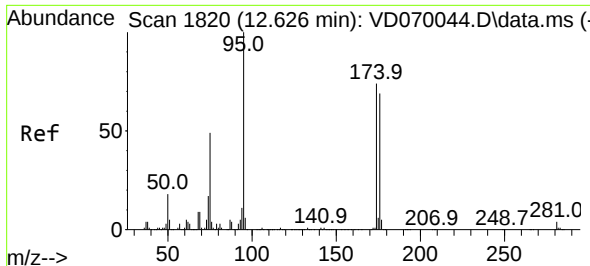
Tgt Ion:117 Resp: 54278
Ion Ratio Lower Upper
117 100
119 4.8 81.0 121.6#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 51.799 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070109.D
Acq: 18 Aug 2021 03:07

Tgt Ion: 98 Resp: 1401348
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8

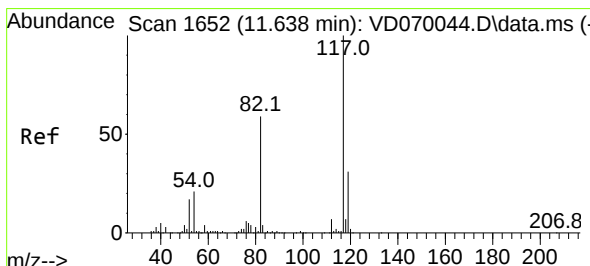
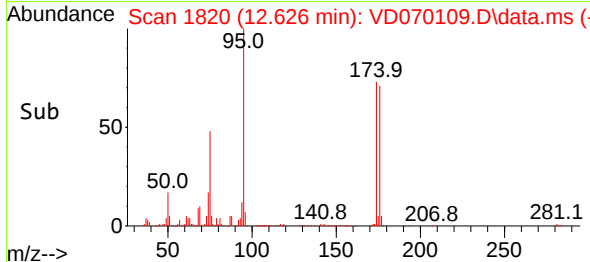
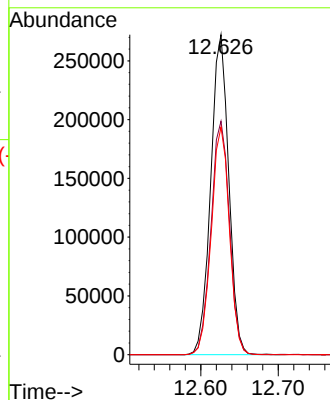
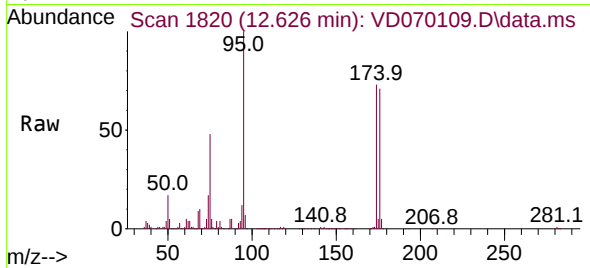




#62
4-Bromofluorobenzene
Concen: 49.404 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070109.D
Acq: 18 Aug 2021 03:07

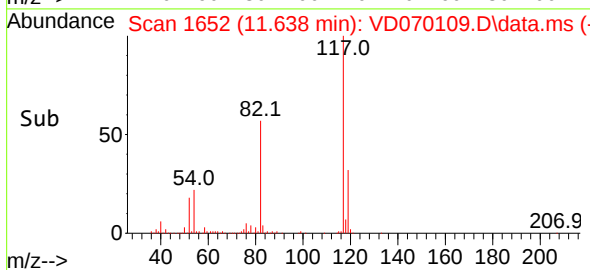
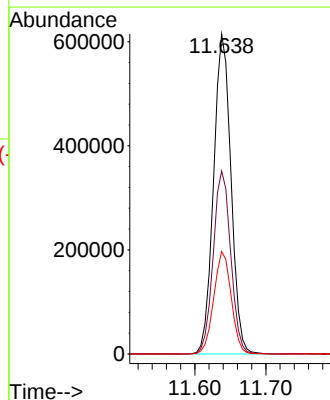
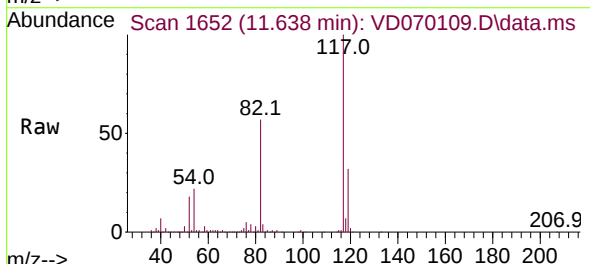
Instrument :
MSVOA_D
ClientSampleId :
SWCS-09-1015

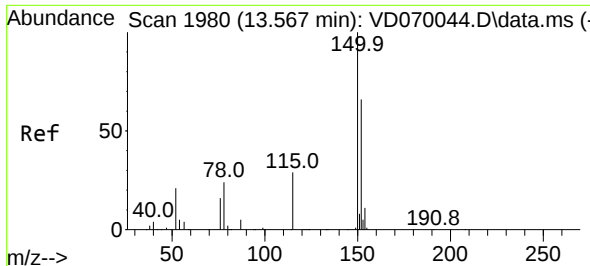
Tgt Ion: 95 Resp: 440219
Ion Ratio Lower Upper
95 100
174 74.8 0.0 141.6
176 71.4 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070109.D
Acq: 18 Aug 2021 03:07

Tgt Ion: 117 Resp: 1043772
Ion Ratio Lower Upper
117 100
82 57.2 47.5 71.3
119 32.0 25.1 37.7

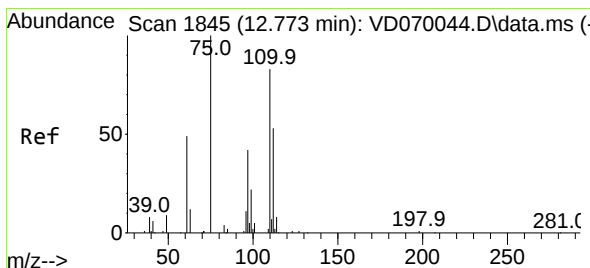
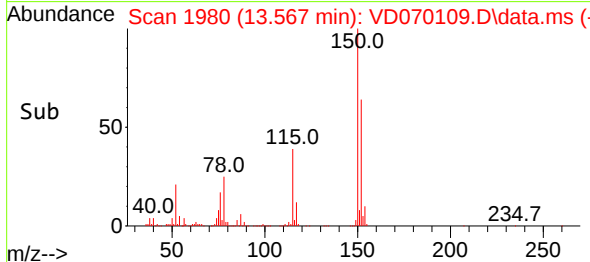
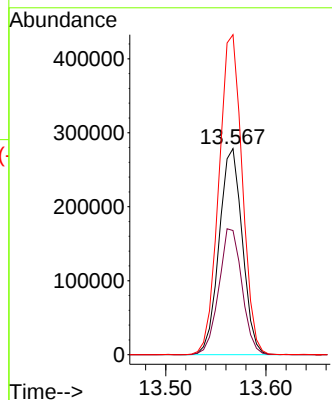
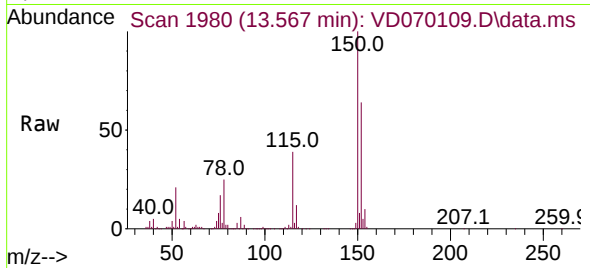




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. 0.000 min
 Lab File: VD070109.D
 Acq: 18 Aug 2021 03:07

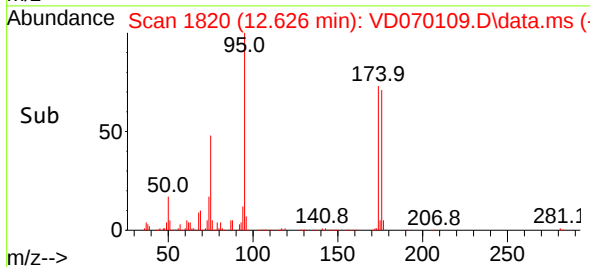
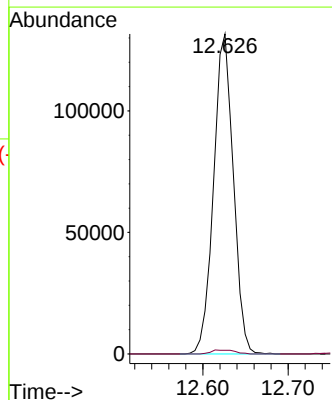
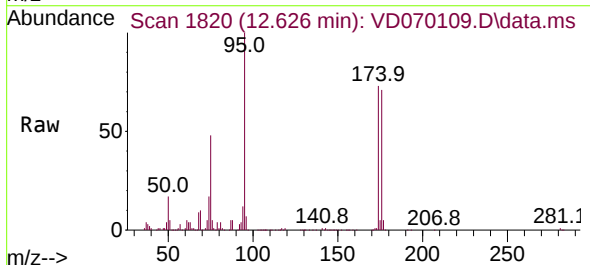
Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-09-1015

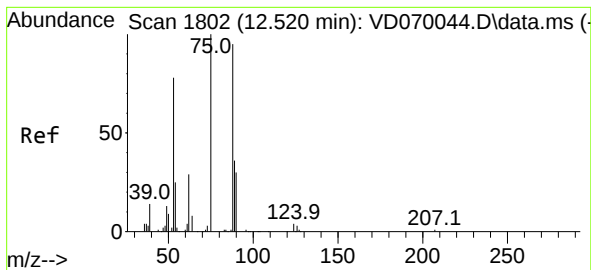
Tgt Ion:152 Resp: 446508
 Ion Ratio Lower Upper
 152 100
 115 61.0 31.2 93.6
 150 156.7 0.0 352.0



#76
 1,2,3-Trichloropropane
 Concen: 46.810 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD070109.D
 Acq: 18 Aug 2021 03:07

Tgt Ion: 75 Resp: 211967
 Ion Ratio Lower Upper
 75 100
 77 1.5 182.4 547.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 121.503 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.106 min
 Lab File: VD070109.D
 Acq: 18 Aug 2021 03:07

Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-09-1015

Tgt Ion: 75 Resp: 211967
 Ion Ratio Lower Upper
 75 100
 53 0.2 64.5 96.7#
 89 0.0 33.7 50.5#

