

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081721\
 Data File : VD070110.D
 Acq On : 18 Aug 2021 03:36
 Operator : VA/SY
 Sample : M3390-21
 Misc : 5.33G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-10-1015

Quant Time: Aug 18 04:34:18 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)

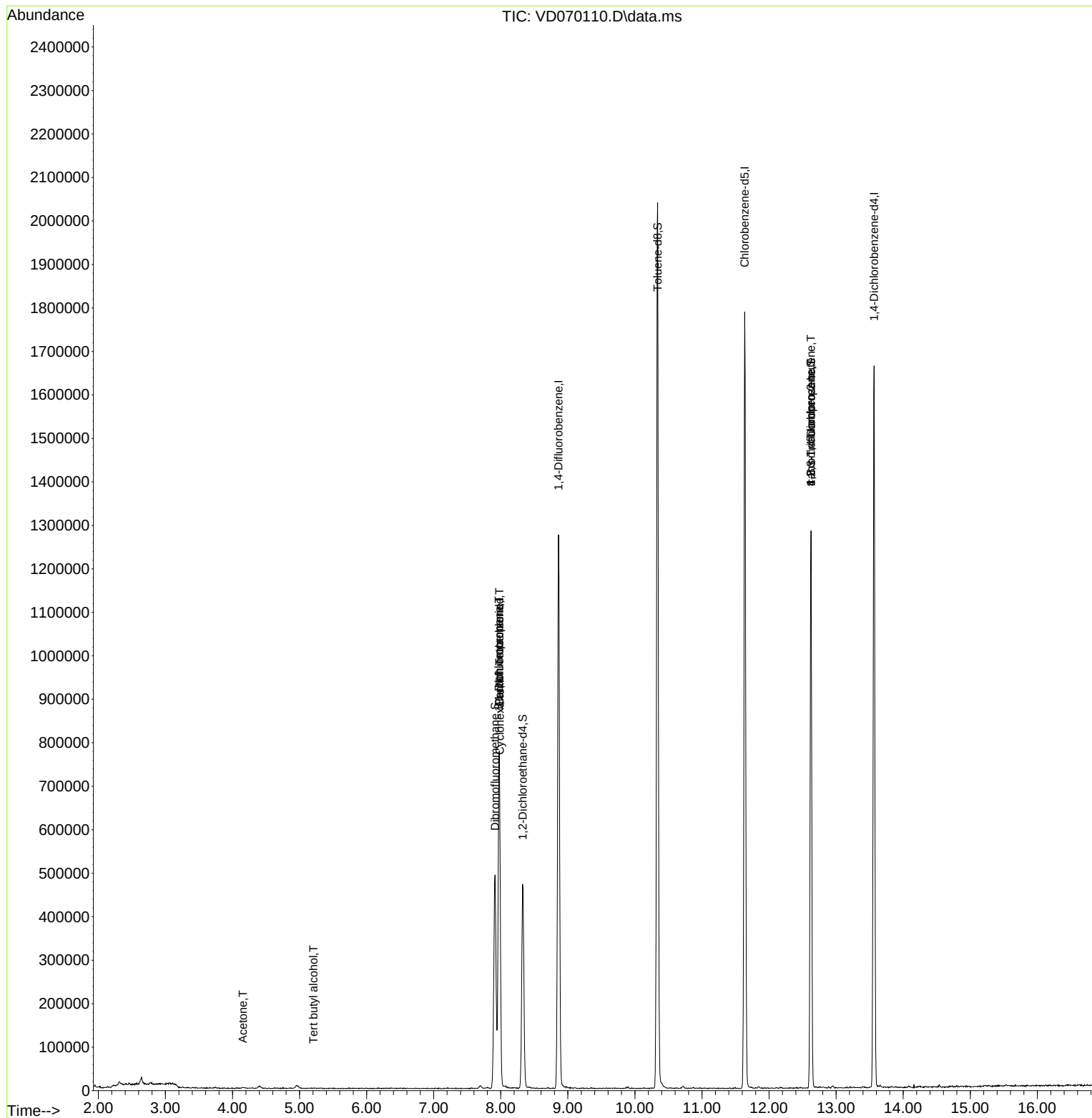
Internal Standards						
1) Pentafluorobenzene	7.979	168	545670	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1087965	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1058210	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	441860	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	366196	57.058	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.120%	
35) Dibromofluoromethane	7.914	113	360944	51.351	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.700%	
50) Toluene-d8	10.338	98	1411555	51.632	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.260%	
62) 4-Bromofluorobenzene	12.626	95	447786	49.728	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 99.460%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	768	Below Cal	#	42
3) Chloromethane	2.215	50	1792	Below Cal		90
5) Bromomethane	2.767	94	2823	Below Cal		86
11) Tert butyl alcohol	5.209	59	1106	3.118 ug/l	#	71
16) Acetone	4.156	43	2730	2.309 ug/l		97
20) Methylene Chloride	4.961	84	5446	Below Cal		93
31) Cyclohexane	7.985	56	13558	1.067 ug/l	#	1
36) 1,1-Dichloropropene	7.973	75	49300	4.212 ug/l	#	49
38) Carbon Tetrachloride	7.979	117	58915	5.545 ug/l	#	14
76) 1,2,3-Trichloropropane	12.626	75	215954	48.193 ug/l	#	1
81) trans-1,4-Dichloro-2-b...	12.626	75	215954	125.090 ug/l	#	18

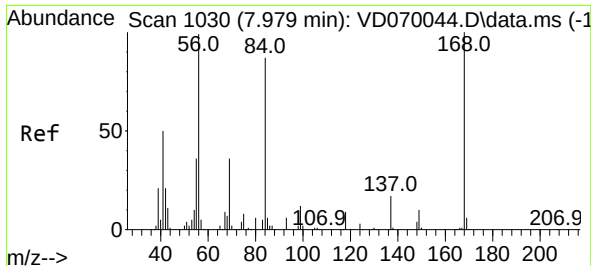
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081721\
Data File : VD070110.D
Acq On : 18 Aug 2021 03:36
Operator : VA/SY
Sample : M3390-21
Misc : 5.33G/5.00ml/MSVOA_D/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SWCS-10-1015

Quant Time: Aug 18 04:34:18 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

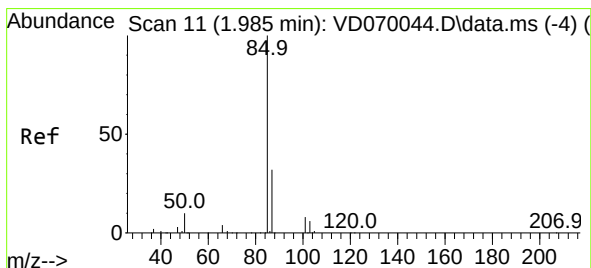
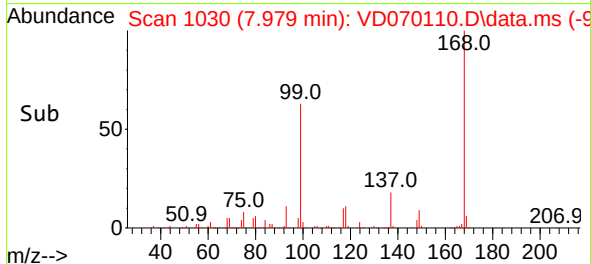
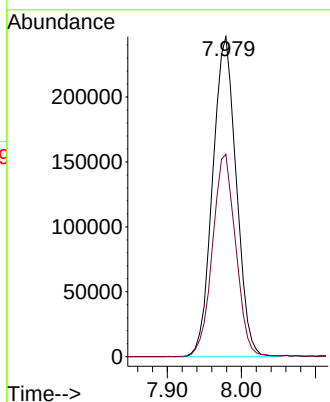
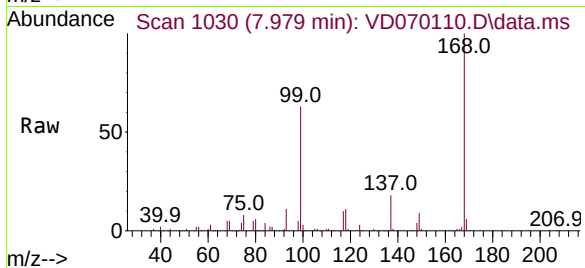




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070110.D
Acq: 18 Aug 2021 03:36

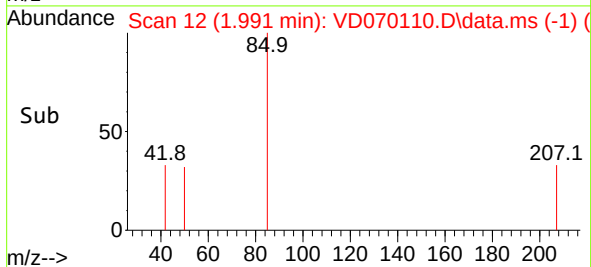
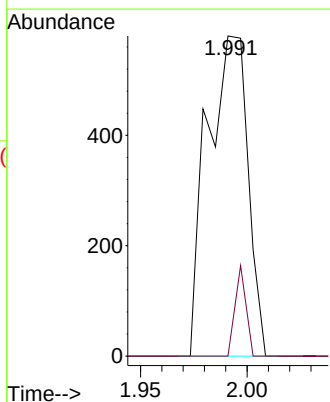
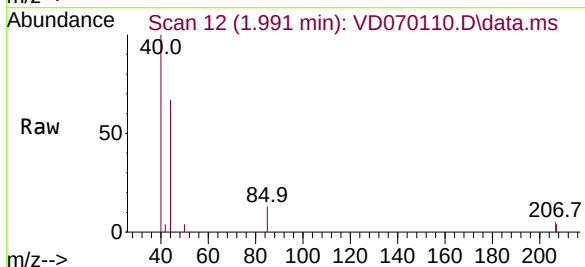
Instrument :
MSVOA_D
ClientSampleId :
SWCS-10-1015

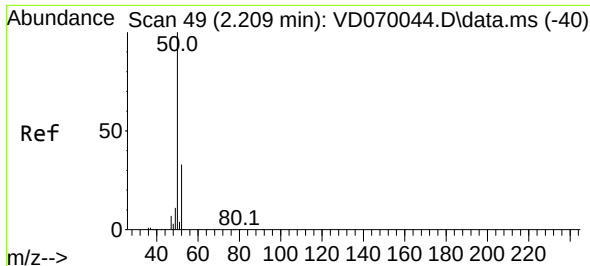
Tgt Ion:168 Resp: 545670
Ion Ratio Lower Upper
168 100
99 63.2 50.3 75.5



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.991 min Scan# 12
Delta R.T. 0.006 min
Lab File: VD070110.D
Acq: 18 Aug 2021 03:36

Tgt Ion: 85 Resp: 768
Ion Ratio Lower Upper
85 100
87 0.0 16.2 48.6#

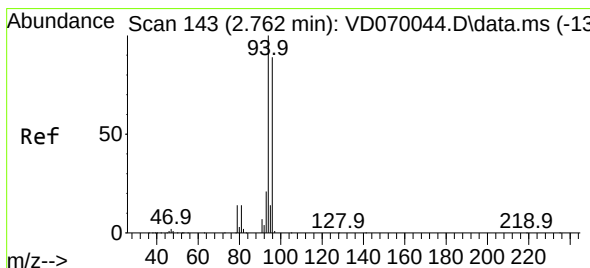
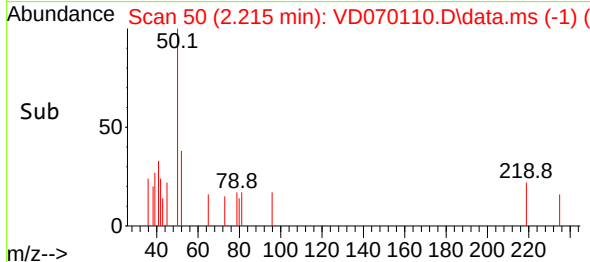
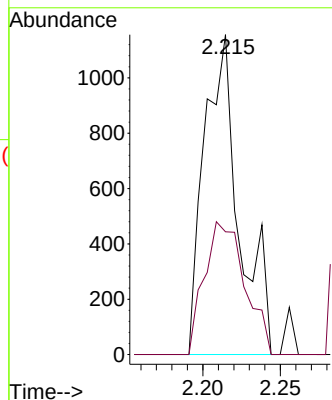
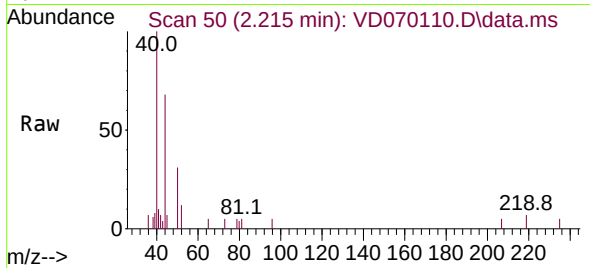




#3
Chloromethane
Concen: Below Cal
RT: 2.215 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD070110.D
Acq: 18 Aug 2021 03:36

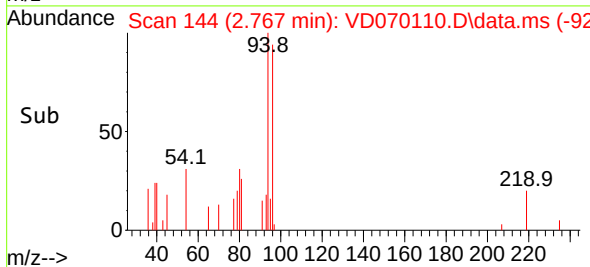
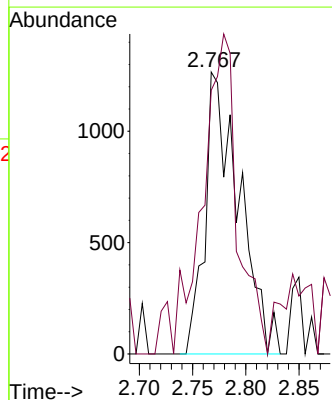
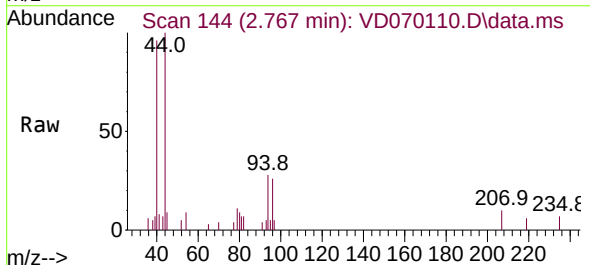
Instrument :
MSVOA_D
ClientSampleId :
SWCS-10-1015

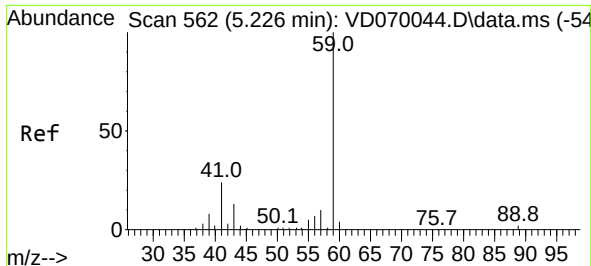
Tgt Ion: 50 Resp: 1792
Ion Ratio Lower Upper
50 100
52 38.4 26.3 39.5



#5
Bromomethane
Concen: Below Cal
RT: 2.767 min Scan# 144
Delta R.T. 0.005 min
Lab File: VD070110.D
Acq: 18 Aug 2021 03:36

Tgt Ion: 94 Resp: 2823
Ion Ratio Lower Upper
94 100
96 75.8 70.9 106.3



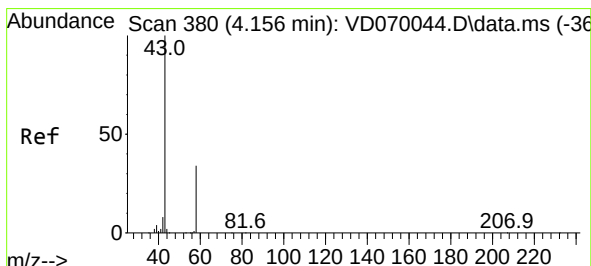
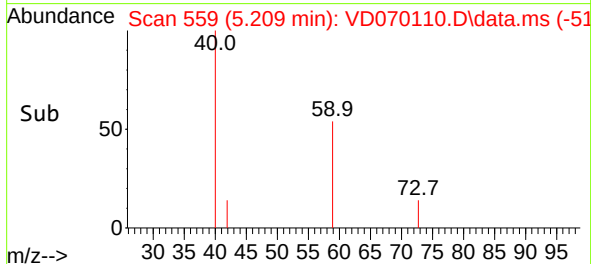
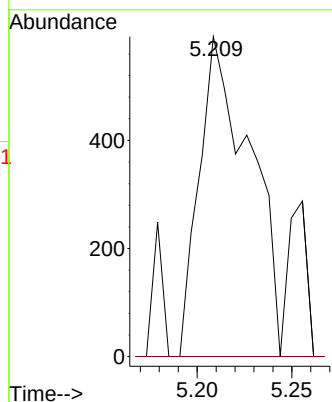
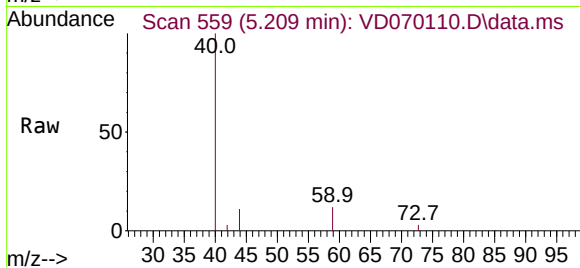


#11

Tert butyl alcohol
Concen: 3.118 ug/l
RT: 5.209 min Scan# 559
Delta R.T. -0.018 min
Lab File: VD070110.D
Acq: 18 Aug 2021 03:36

Instrument :
MSVOA_D
ClientSampleId :
SWCS-10-1015

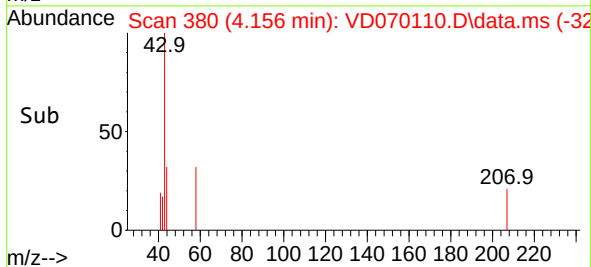
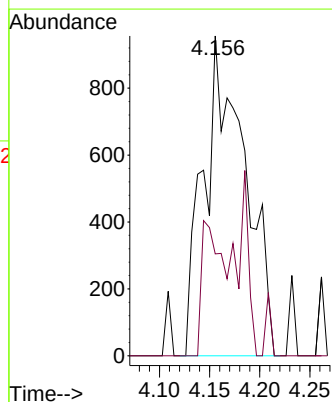
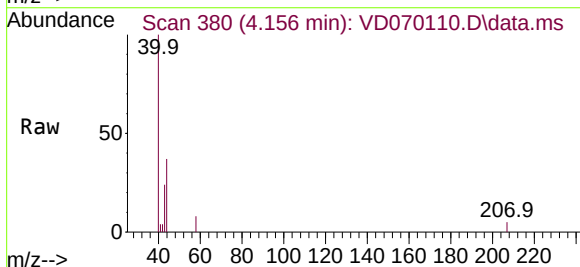
Tgt Ion: 59 Resp: 1106
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#

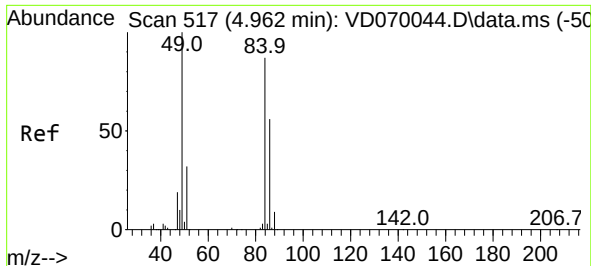


#16

Acetone
Concen: 2.309 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD070110.D
Acq: 18 Aug 2021 03:36

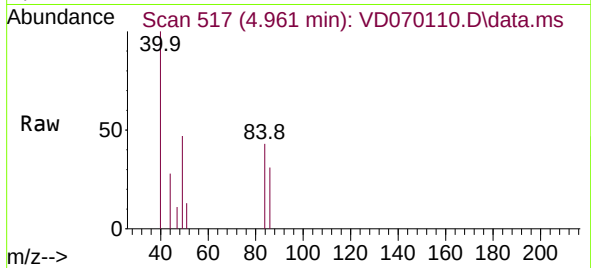
Tgt Ion: 43 Resp: 2730
Ion Ratio Lower Upper
43 100
58 31.9 26.8 40.2



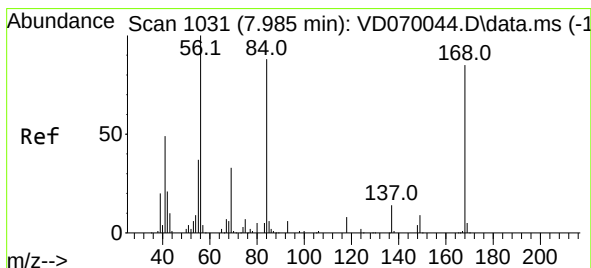
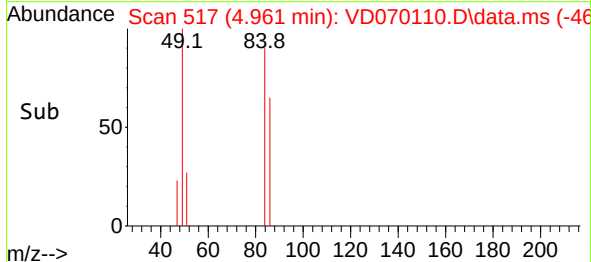
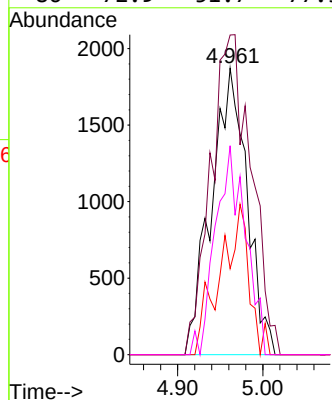


#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD070110.D
Acq: 18 Aug 2021 03:36

Instrument :
MSVOA_D
ClientSampleId :
SWCS-10-1015

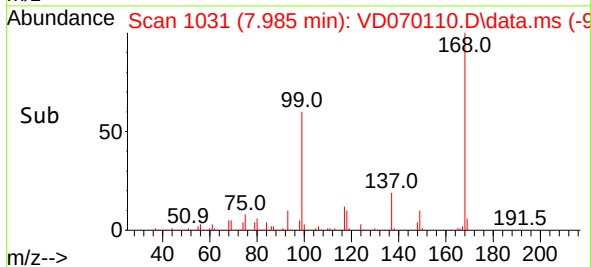
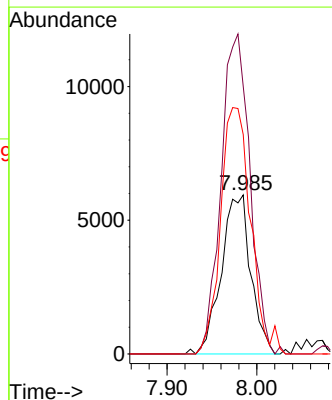
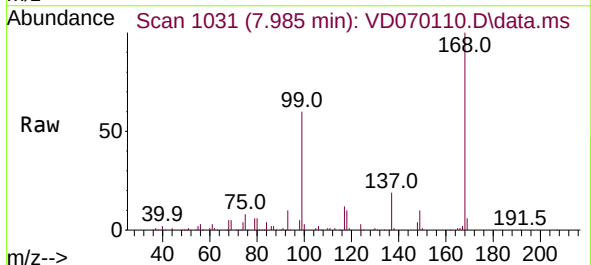


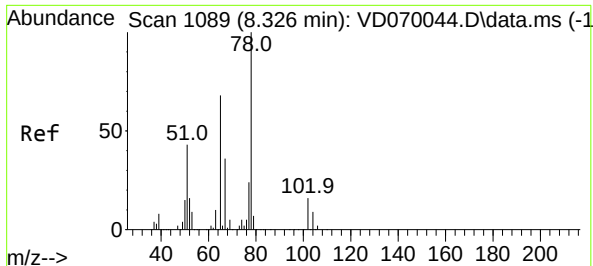
Tgt Ion:	84	Resp:	5446
Ion	Ratio	Lower	Upper
84	100		
49	111.6	92.5	138.7
51	30.0	29.7	44.5
86	72.9	51.7	77.5



#31
Cyclohexane
Concen: 1.067 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD070110.D
Acq: 18 Aug 2021 03:36

Tgt Ion:	56	Resp:	13558
Ion	Ratio	Lower	Upper
56	100		
69	168.2	26.7	40.1#
84	137.9	70.4	105.6#



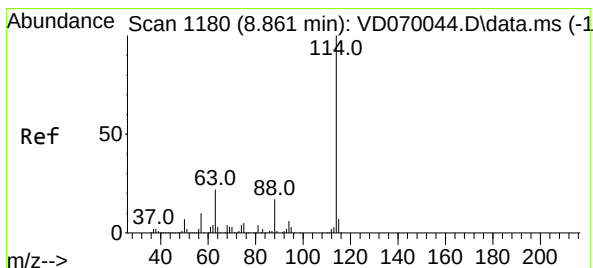
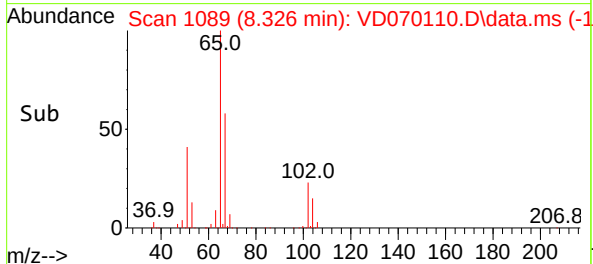
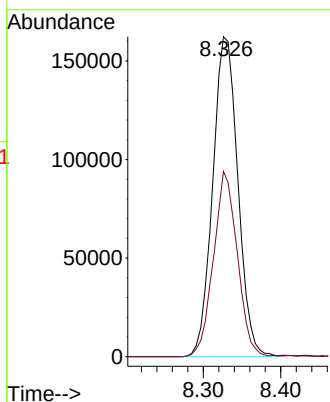
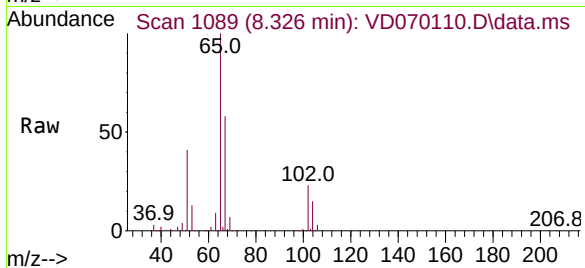


#33

1,2-Dichloroethane-d4
Concen: 57.058 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070110.D
Acq: 18 Aug 2021 03:36

Instrument :
MSVOA_D
ClientSampleId :
SWCS-10-1015

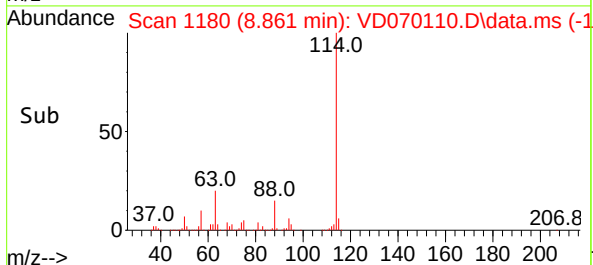
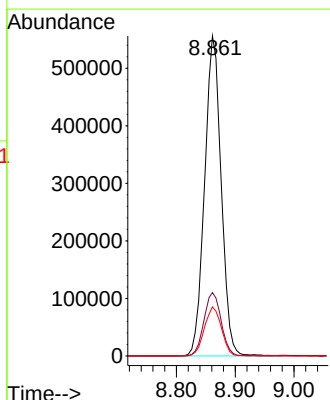
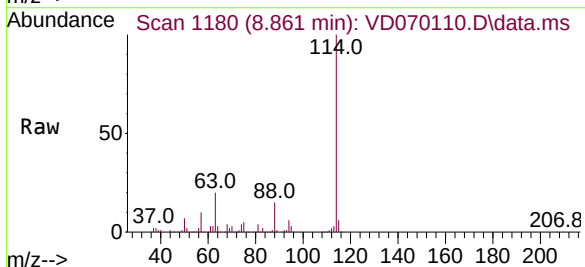
Tgt Ion: 65 Resp: 366196
Ion Ratio Lower Upper
65 100
67 55.0 0.0 107.8

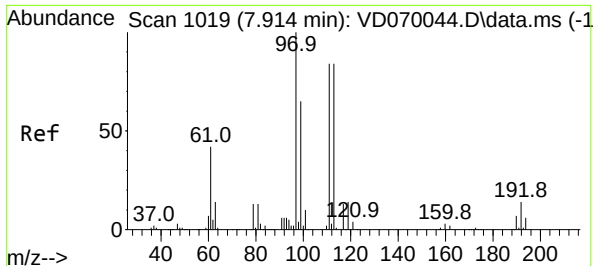


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070110.D
Acq: 18 Aug 2021 03:36

Tgt Ion: 114 Resp: 1087965
Ion Ratio Lower Upper
114 100
63 19.8 0.0 43.6
88 15.4 0.0 33.4





#35

Dibromofluoromethane

Concen: 51.351 ug/l

RT: 7.914 min Scan# 1019

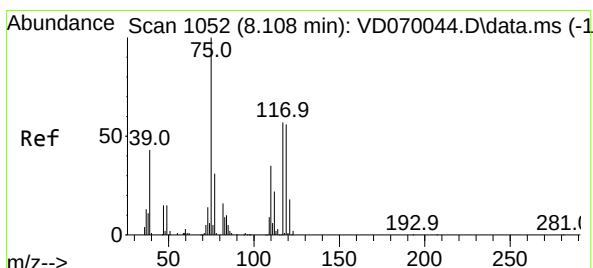
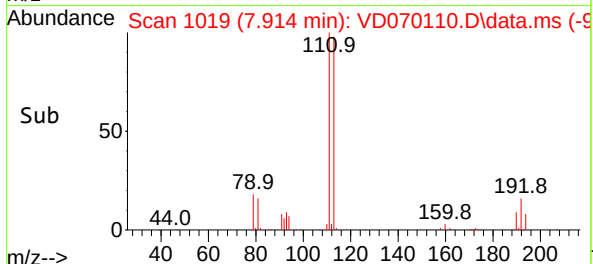
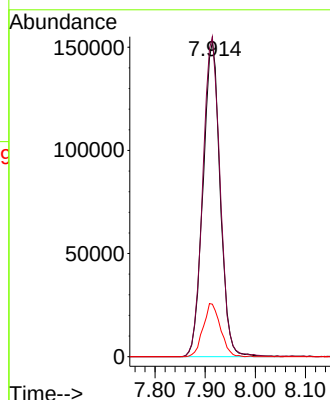
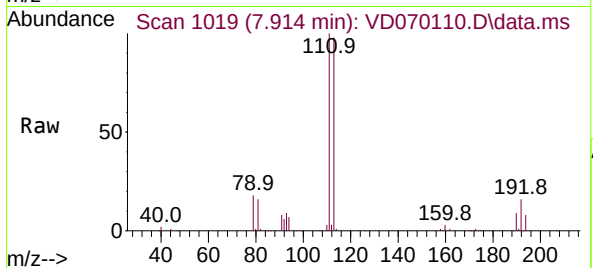
Delta R.T. -0.000 min

Lab File: VD070110.D

Acq: 18 Aug 2021 03:36

Tgt Ion:	113	Resp:	360944
Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.8	122.6
192	17.1	13.2	19.8

Instrument :
MSVOA_D
ClientSampleId :
SWCS-10-1015



#36

1,1-Dichloropropene

Concen: 4.212 ug/l

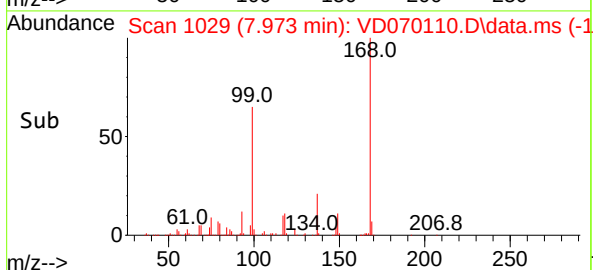
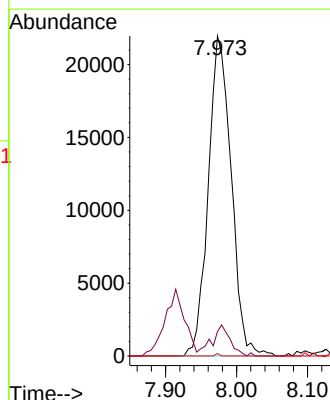
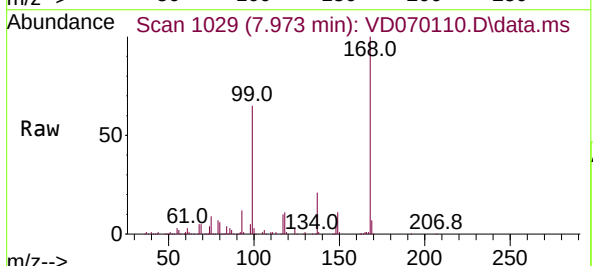
RT: 7.973 min Scan# 1029

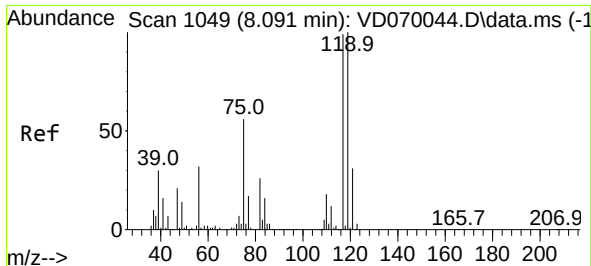
Delta R.T. -0.135 min

Lab File: VD070110.D

Acq: 18 Aug 2021 03:36

Tgt Ion:	75	Resp:	49300
Ion	Ratio	Lower	Upper
75	100		
110	7.7	16.9	50.7#
77	0.1	25.2	37.8#

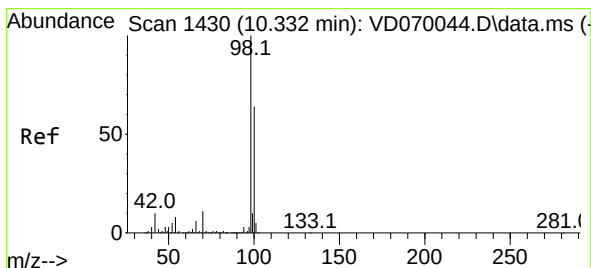
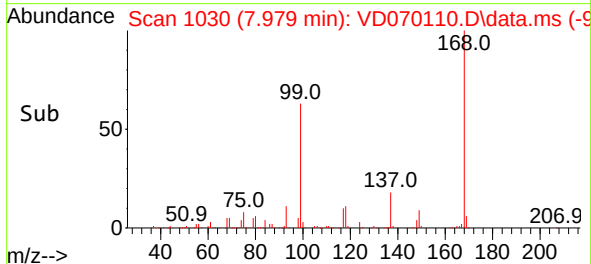
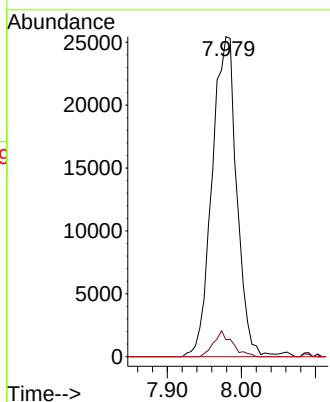
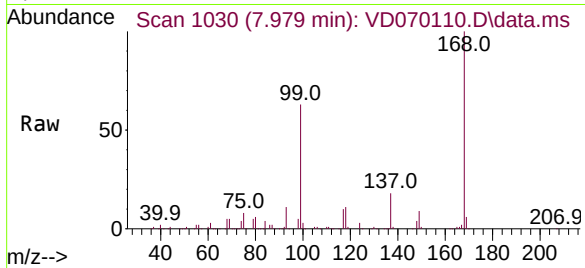




#38
Carbon Tetrachloride
Concen: 5.545 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.112 min
Lab File: VD070110.D
Acq: 18 Aug 2021 03:36

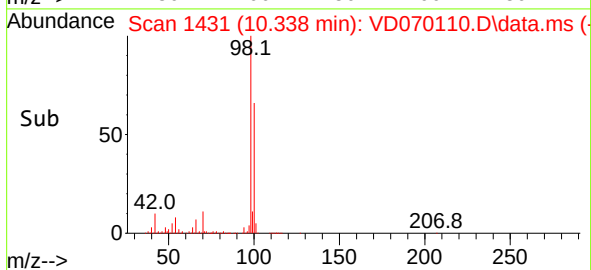
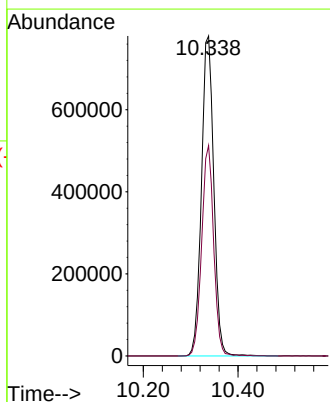
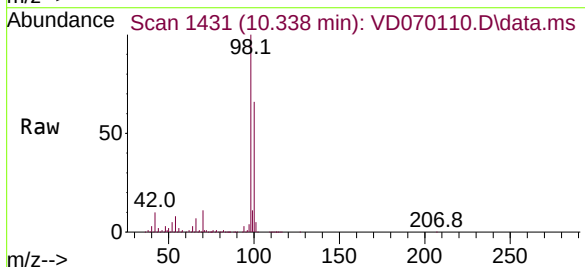
Instrument :
MSVOA_D
ClientSampleId :
SWCS-10-1015

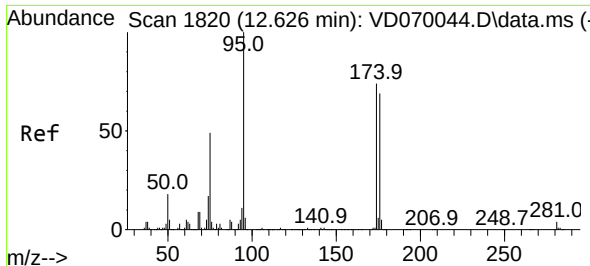
Tgt Ion:117 Resp: 58915
Ion Ratio Lower Upper
117 100
119 5.3 81.0 121.6#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 51.632 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070110.D
Acq: 18 Aug 2021 03:36

Tgt Ion: 98 Resp: 1411555
Ion Ratio Lower Upper
98 100
100 64.0 52.6 78.8

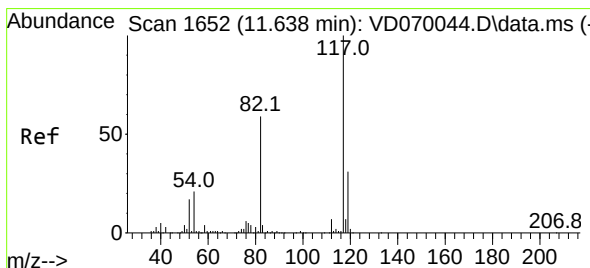
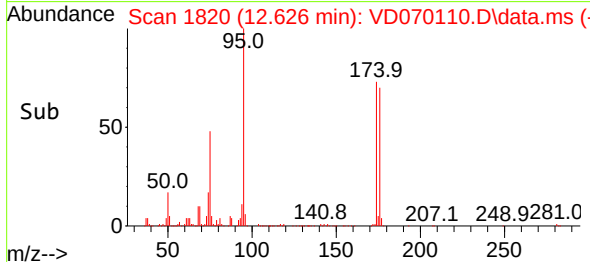
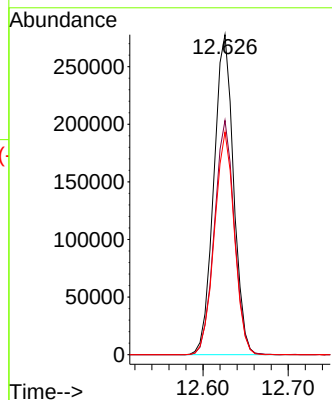
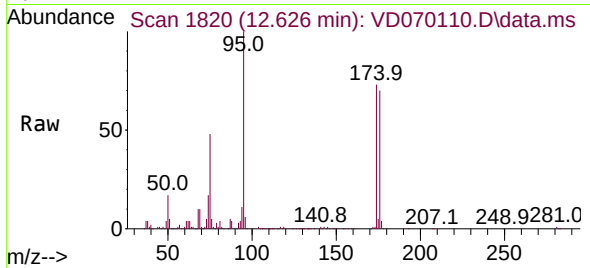




#62
4-Bromofluorobenzene
Concen: 49.728 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070110.D
Acq: 18 Aug 2021 03:36

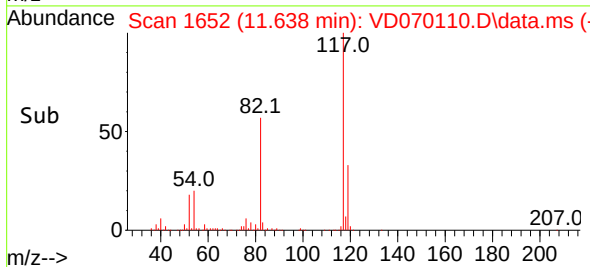
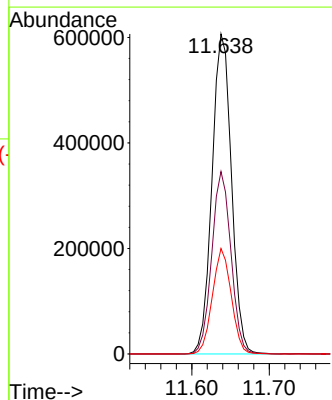
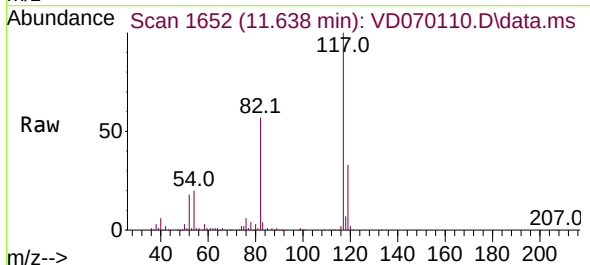
Instrument :
MSVOA_D
ClientSampleId :
SWCS-10-1015

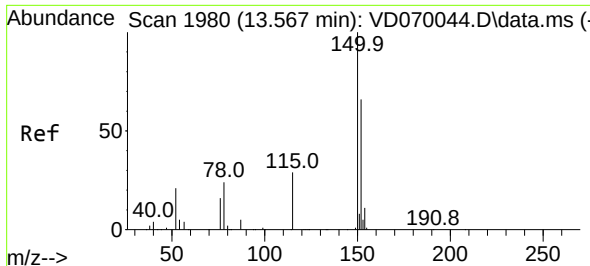
Tgt Ion: 95 Resp: 447786
Ion Ratio Lower Upper
95 100
174 73.8 0.0 141.6
176 70.2 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070110.D
Acq: 18 Aug 2021 03:36

Tgt Ion: 117 Resp: 1058210
Ion Ratio Lower Upper
117 100
82 57.0 47.5 71.3
119 33.0 25.1 37.7

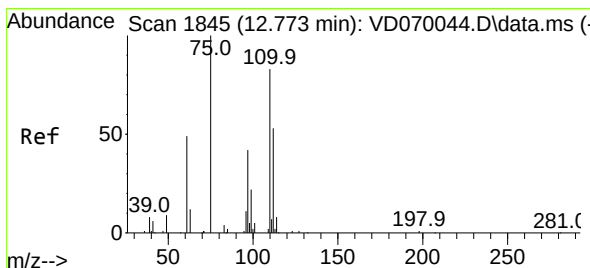
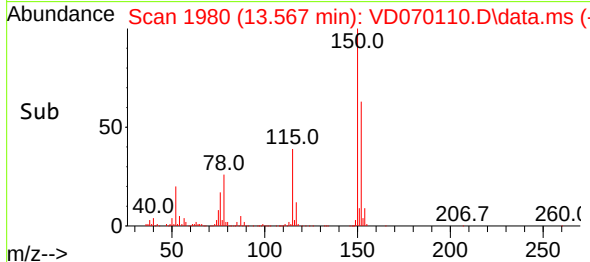
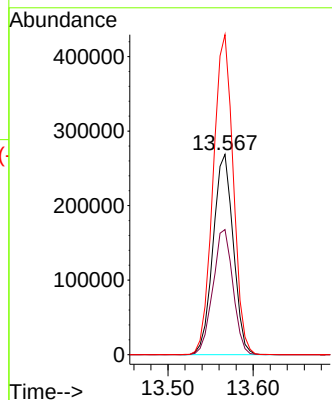
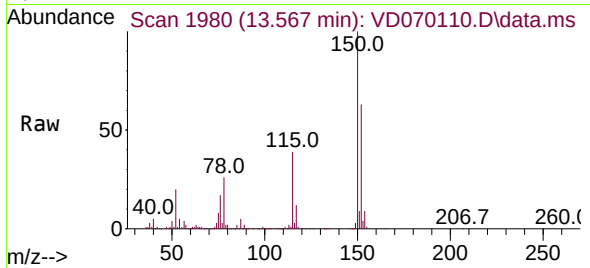




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD070110.D
 Acq: 18 Aug 2021 03:36

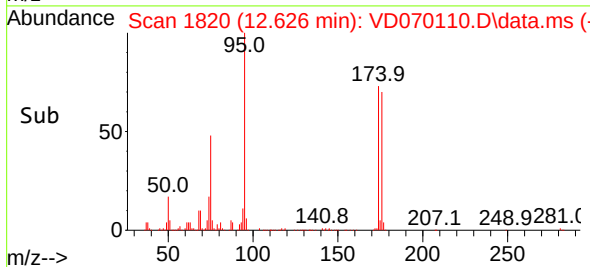
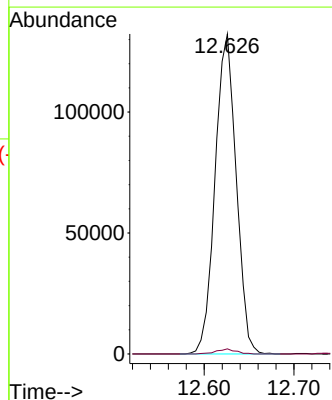
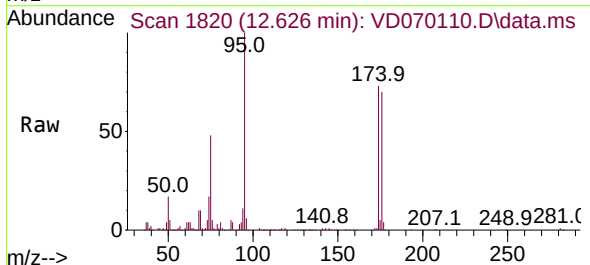
Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-10-1015

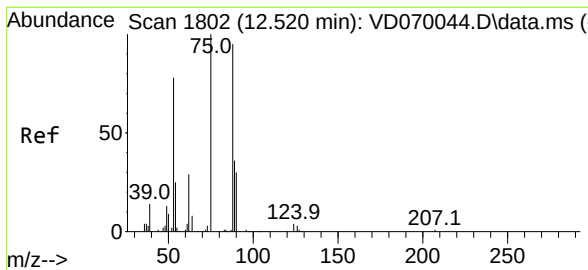
Tgt Ion:152 Resp: 441860
 Ion Ratio Lower Upper
 152 100
 115 62.1 31.2 93.6
 150 159.3 0.0 352.0



#76
 1,2,3-Trichloropropane
 Concen: 48.193 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD070110.D
 Acq: 18 Aug 2021 03:36

Tgt Ion: 75 Resp: 215954
 Ion Ratio Lower Upper
 75 100
 77 1.5 182.4 547.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 125.090 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.106 min
 Lab File: VD070110.D
 Acq: 18 Aug 2021 03:36

Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-10-1015

Tgt Ion: 75 Resp: 215954
 Ion Ratio Lower Upper
 75 100
 53 0.3 64.5 96.7#
 89 0.0 33.7 50.5#

