

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081821\
 Data File : VD070148.D
 Acq On : 19 Aug 2021 02:51
 Operator : VA/SY
 Sample : M3418-02
 Misc : 6.48G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-13-1015

Quant Time: Aug 19 07:38:06 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)

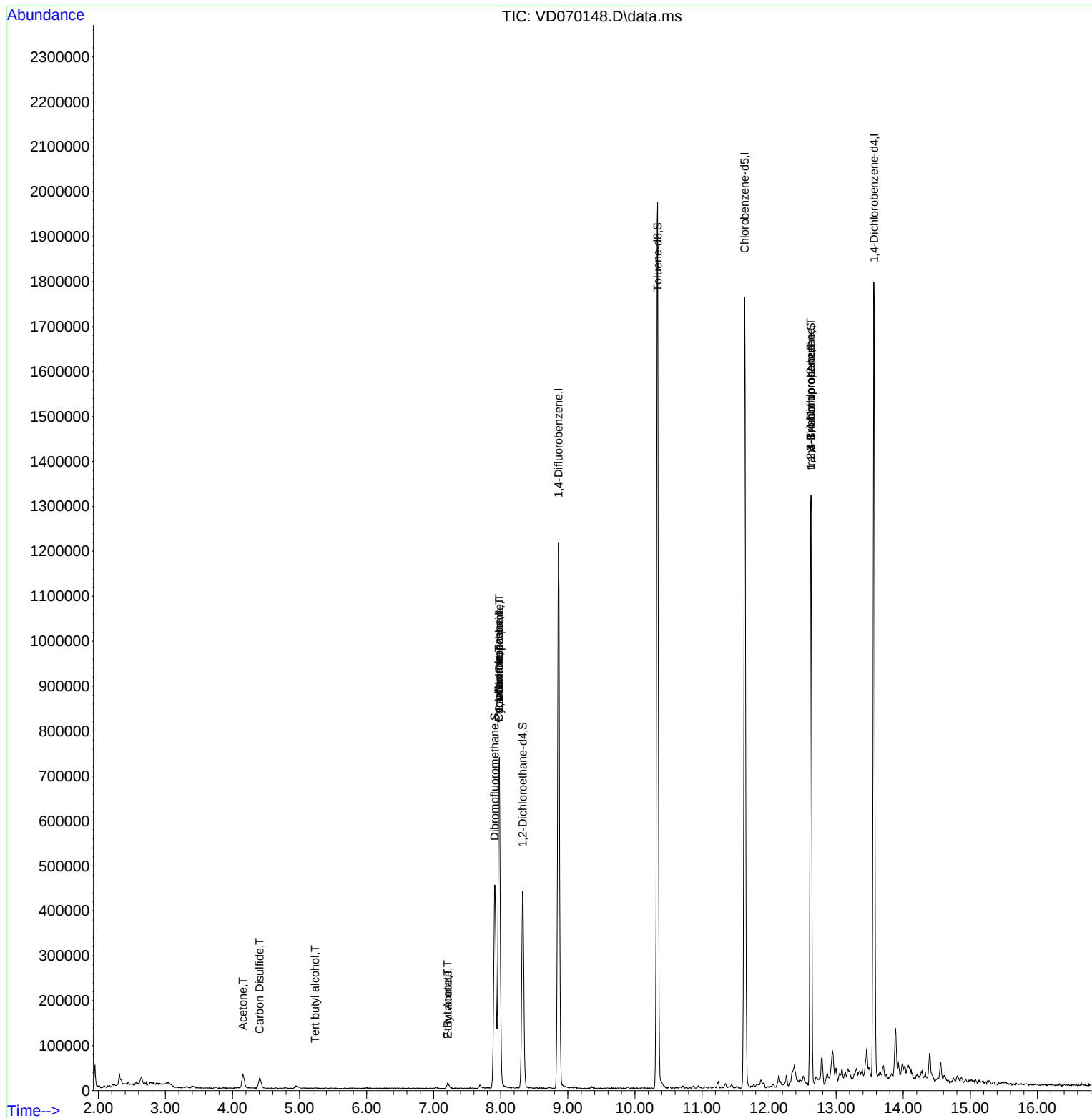
Internal Standards						
1) Pentafluorobenzene	7.973	168	518565	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1036033	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1025689	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	474406	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	343703	56.353	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.700%	
35) Dibromofluoromethane	7.908	113	344828	51.517	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.040%	
50) Toluene-d8	10.338	98	1349781	51.847	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.700%	
62) 4-Bromofluorobenzene	12.626	95	467713	54.545	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 109.080%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	802	Below Cal	#	42
3) Chloromethane	2.209	50	2171	Below Cal		95
5) Bromomethane	2.779	94	2809	Below Cal	#	55
11) Tert butyl alcohol	5.232	59	497	1.474	ug/l #	71
16) Acetone	4.156	43	52104	46.374	ug/l	94
17) Carbon Disulfide	4.403	76	47660	2.140	ug/l #	95
20) Methylene Chloride	4.950	84	2288	Below Cal	#	70
25) 2-Butanone	7.208	43	14962	9.745	ug/l	90
31) Cyclohexane	7.973	56	13077	1.083	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	47167	4.232	ug/l #	49
37) Ethyl Acetate	7.208	43	14962	3.696	ug/l #	73
38) Carbon Tetrachloride	7.979	117	57051	5.638	ug/l #	14
76) 1,2,3-Trichloropropane	12.620	75	223346	46.423	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.620	75	223346	120.496	ug/l #	17

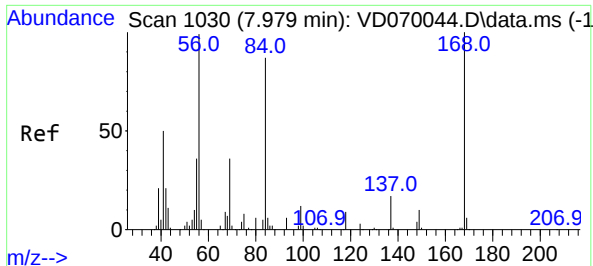
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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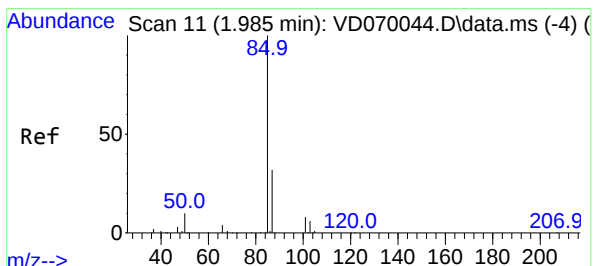
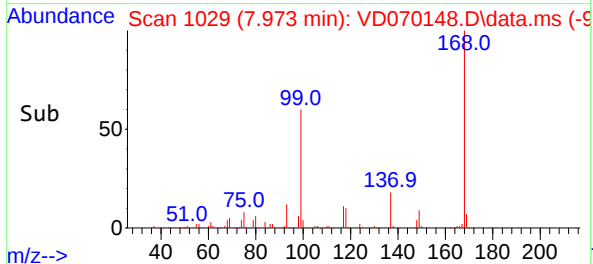
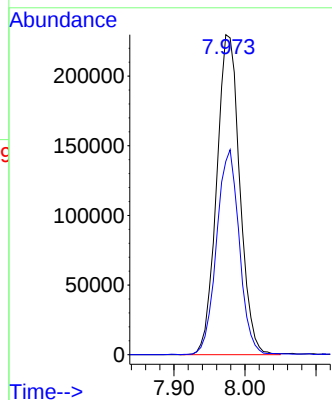
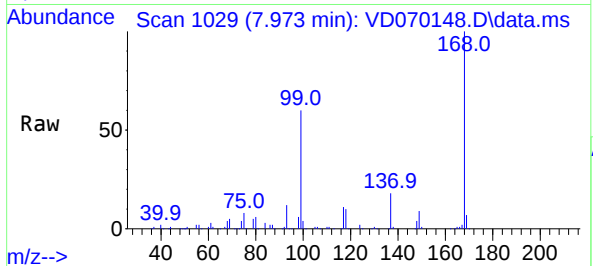




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070148.D
Acq: 19 Aug 2021 02:51

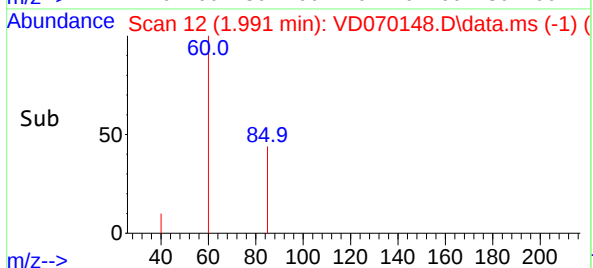
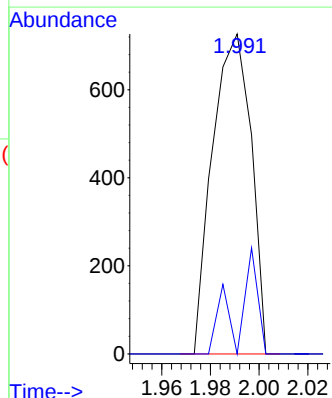
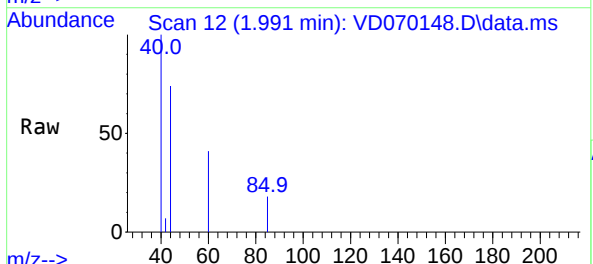
Instrument :
MSVOA_D
ClientSampleId :
SWCS-13-1015

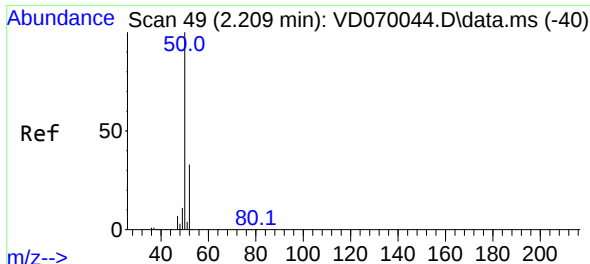
Tgt Ion:168 Resp: 518565
Ion Ratio Lower Upper
168 100
99 60.4 50.3 75.5



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.991 min Scan# 12
Delta R.T. 0.006 min
Lab File: VD070148.D
Acq: 19 Aug 2021 02:51

Tgt Ion: 85 Resp: 802
Ion Ratio Lower Upper
85 100
87 0.0 16.2 48.6#

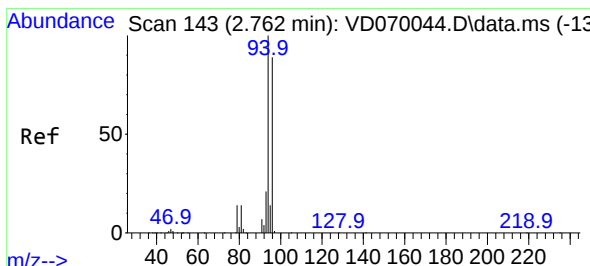
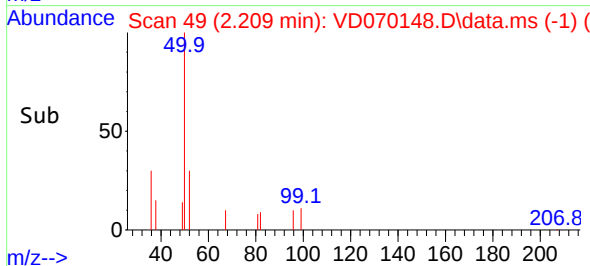
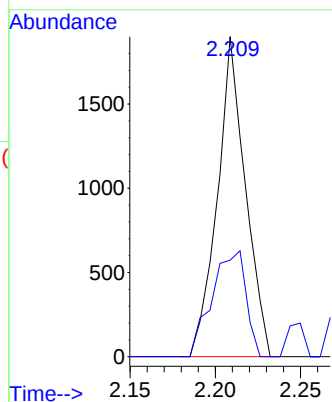
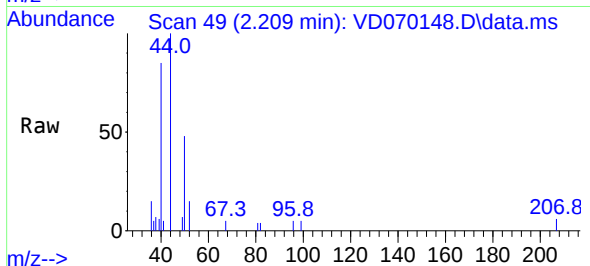




#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070148.D
Acq: 19 Aug 2021 02:51

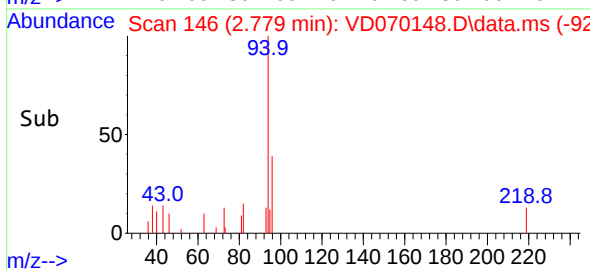
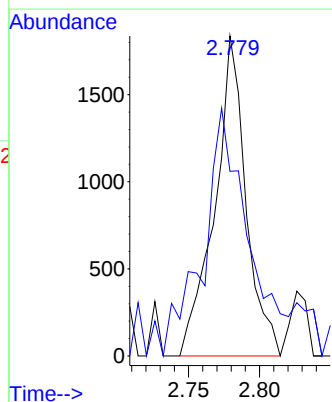
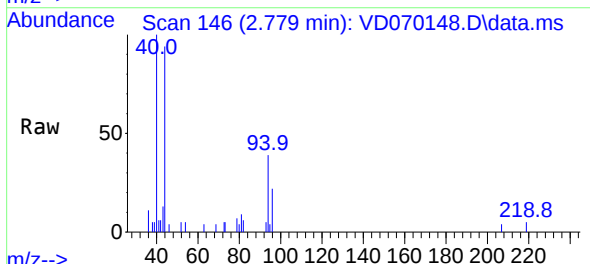
Instrument :
MSVOA_D
ClientSampleId :
SWCS-13-1015

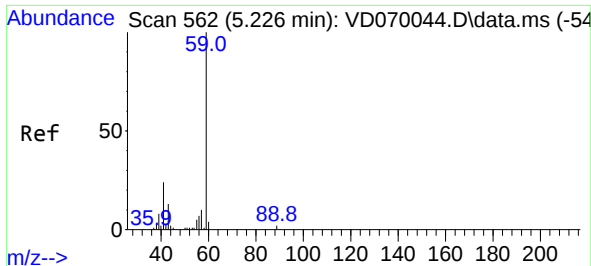
Tgt Ion: 50 Resp: 2171
Ion Ratio Lower Upper
50 100
52 30.2 26.3 39.5



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.017 min
Lab File: VD070148.D
Acq: 19 Aug 2021 02:51

Tgt Ion: 94 Resp: 2809
Ion Ratio Lower Upper
94 100
96 46.2 70.9 106.3#



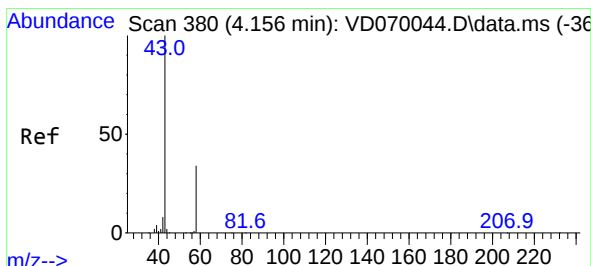
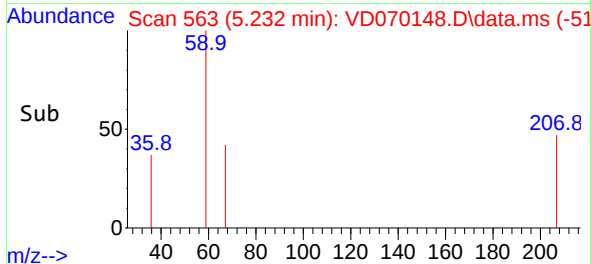
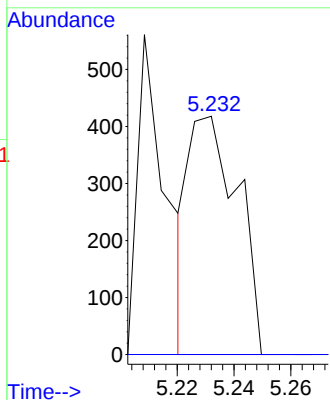
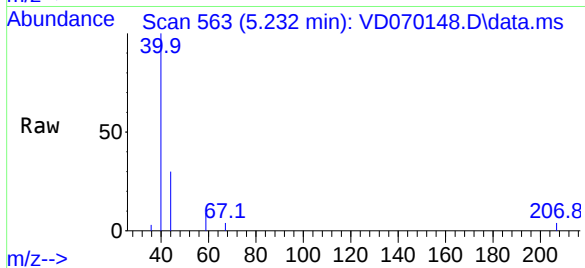


#11

Tert butyl alcohol
Concen: 1.474 ug/l
RT: 5.232 min Scan# 563
Delta R.T. 0.006 min
Lab File: VD070148.D
Acq: 19 Aug 2021 02:51

Instrument :
MSVOA_D
ClientSampleId :
SWCS-13-1015

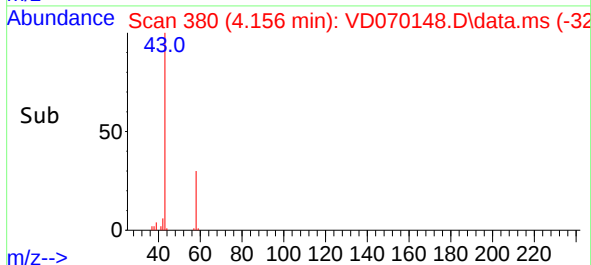
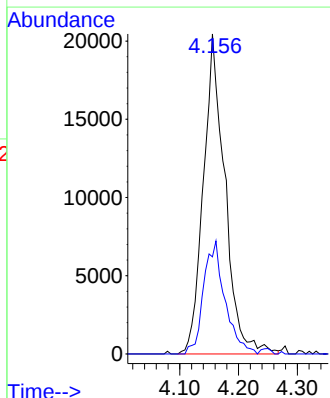
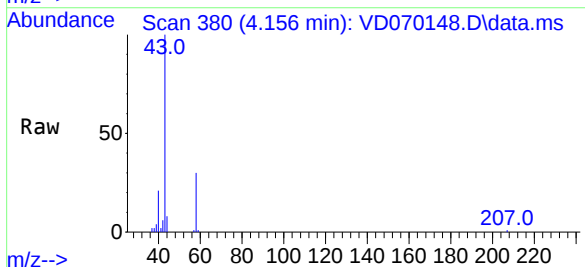
Tgt Ion: 59 Resp: 497
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#

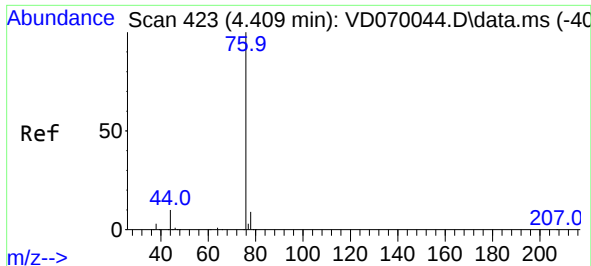


#16

Acetone
Concen: 46.374 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD070148.D
Acq: 19 Aug 2021 02:51

Tgt Ion: 43 Resp: 52104
Ion Ratio Lower Upper
43 100
58 30.4 26.8 40.2

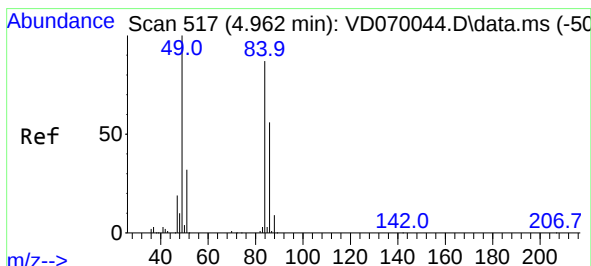
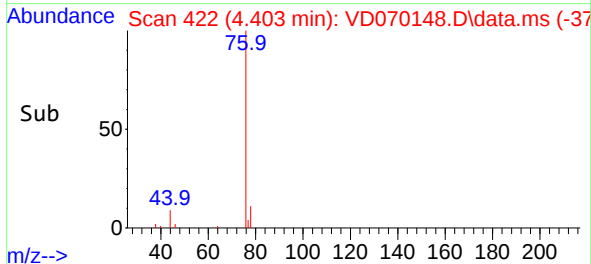
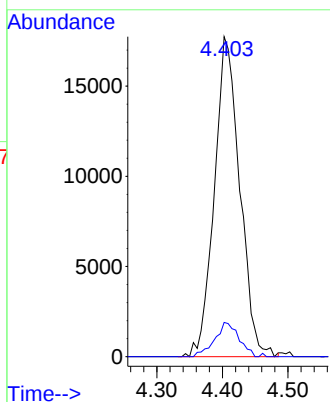
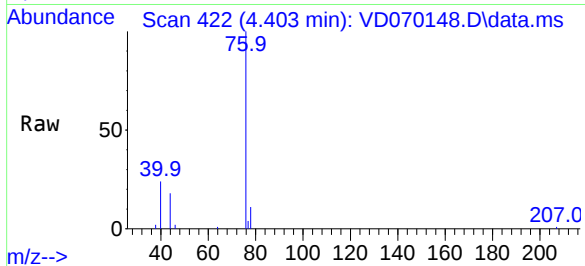




#17
Carbon Disulfide
Concen: 2.140 ug/l
RT: 4.403 min Scan# 422
Delta R.T. -0.006 min
Lab File: VD070148.D
Acq: 19 Aug 2021 02:51

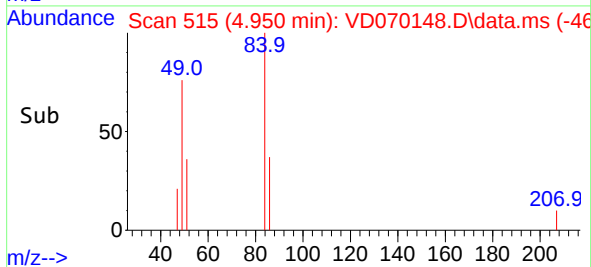
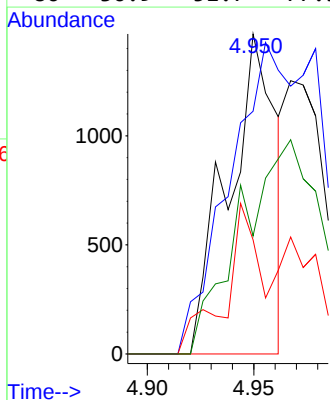
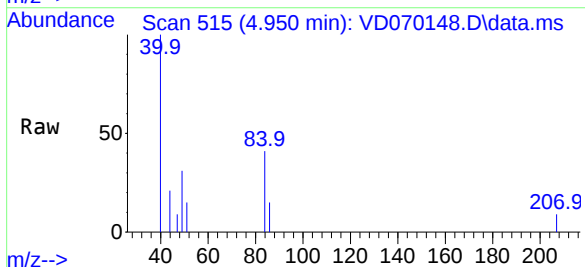
Instrument :
MSVOA_D
ClientSampleId :
SWCS-13-1015

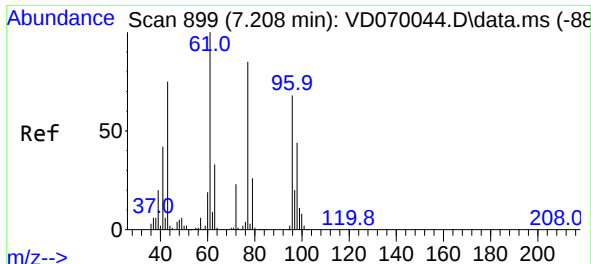
Tgt Ion: 76 Resp: 47660
Ion Ratio Lower Upper
76 100
78 10.7 7.1 10.7#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.950 min Scan# 515
Delta R.T. -0.012 min
Lab File: VD070148.D
Acq: 19 Aug 2021 02:51

Tgt Ion: 84 Resp: 2288
Ion Ratio Lower Upper
84 100
49 75.9 92.5 138.7#
51 35.7 29.7 44.5
86 36.9 51.7 77.5#

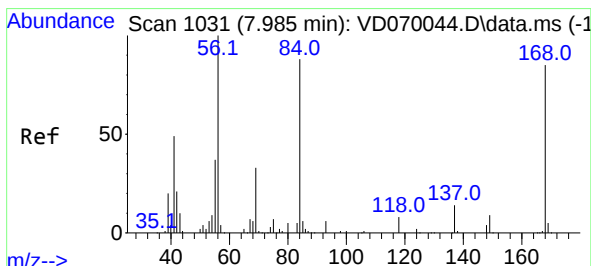
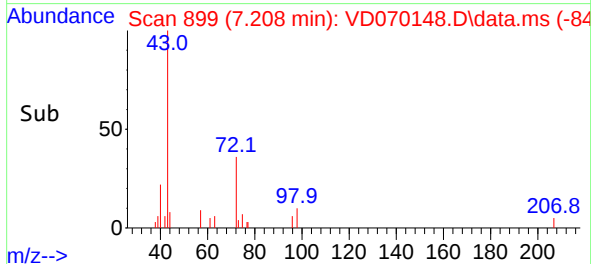
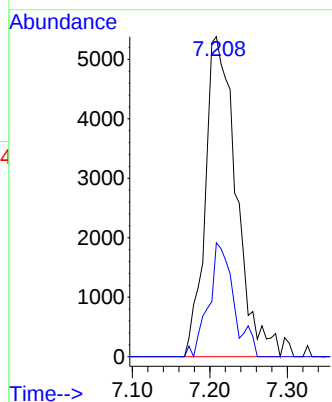
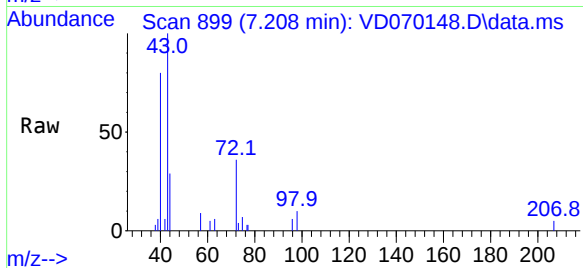




#25
2-Butanone
Concen: 9.745 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD070148.D
Acq: 19 Aug 2021 02:51

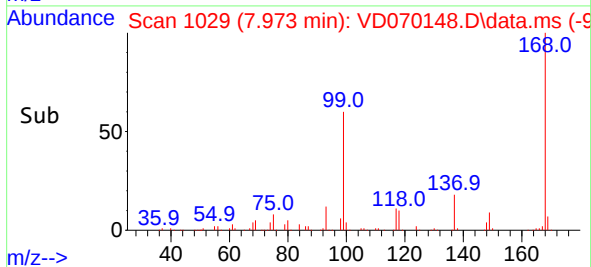
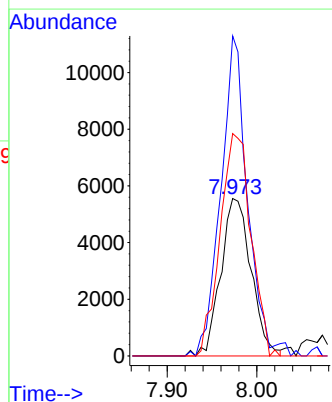
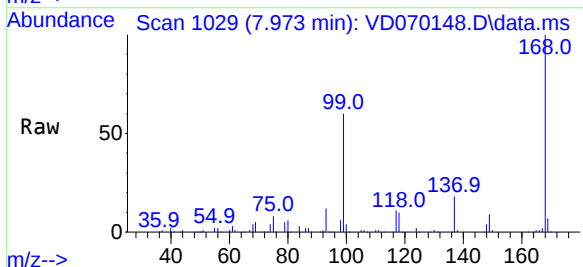
Instrument :
MSVOA_D
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SWCS-13-1015

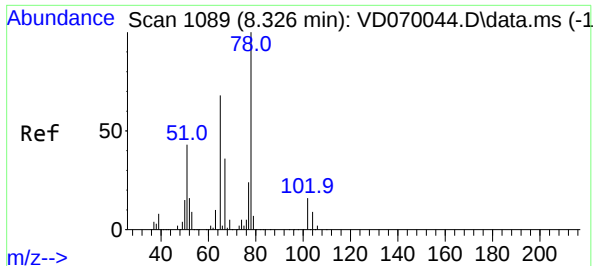
Tgt Ion: 43 Resp: 14962
Ion Ratio Lower Upper
43 100
72 35.6 24.2 36.4



#31
Cyclohexane
Concen: 1.083 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD070148.D
Acq: 19 Aug 2021 02:51

Tgt Ion: 56 Resp: 13077
Ion Ratio Lower Upper
56 100
69 203.2 26.7 40.1#
84 141.2 70.4 105.6#



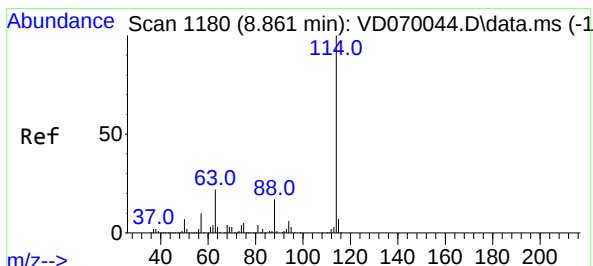
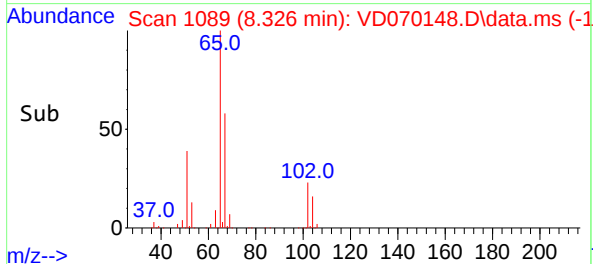
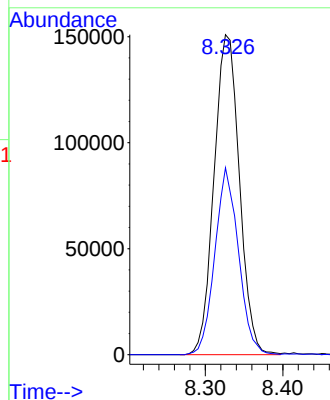
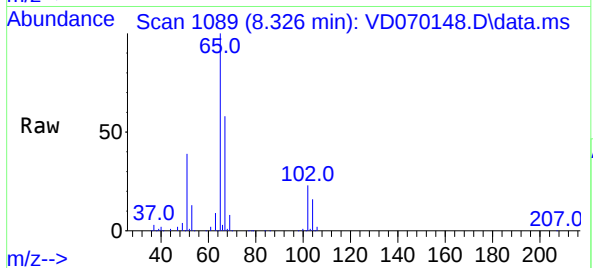


#33

1,2-Dichloroethane-d4
Concen: 56.353 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070148.D
Acq: 19 Aug 2021 02:51

Instrument :
MSVOA_D
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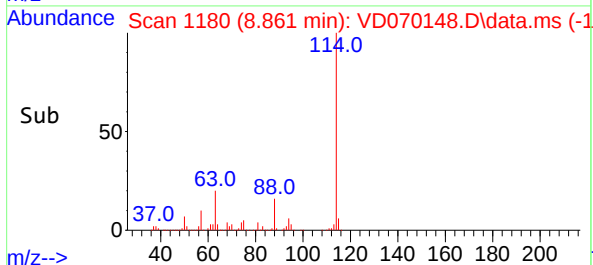
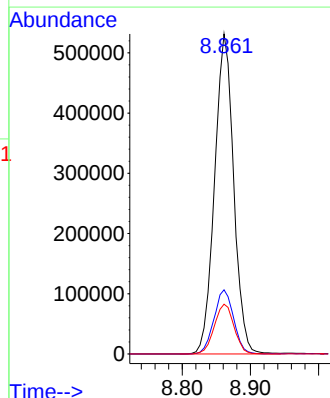
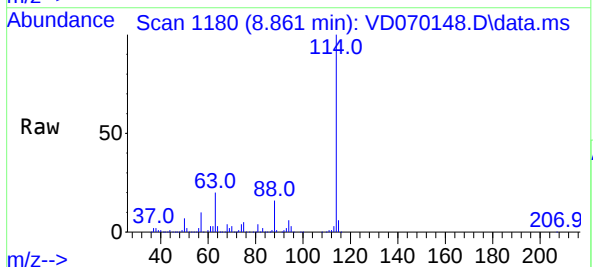
Tgt Ion: 65 Resp: 343703
Ion Ratio Lower Upper
65 100
67 54.3 0.0 107.8

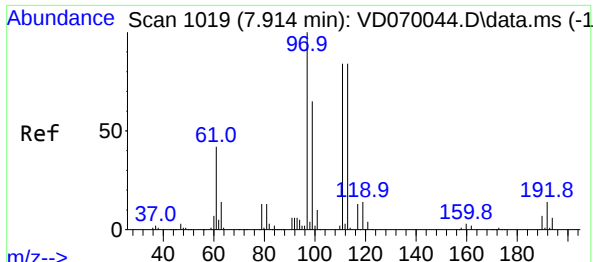


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070148.D
Acq: 19 Aug 2021 02:51

Tgt Ion:114 Resp: 1036033
Ion Ratio Lower Upper
114 100
63 20.0 0.0 43.6
88 15.6 0.0 33.4





#35

Dibromofluoromethane

Concen: 51.517 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD070148.D

Acq: 19 Aug 2021 02:51

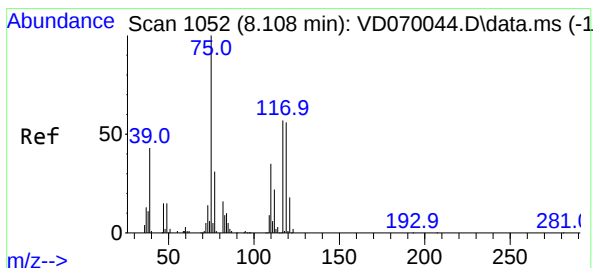
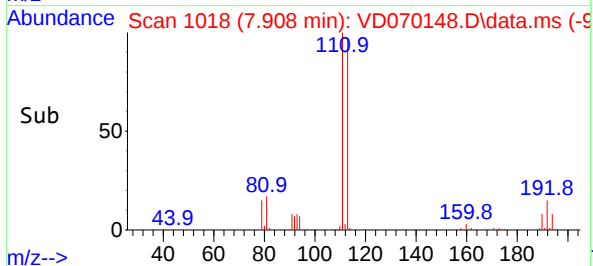
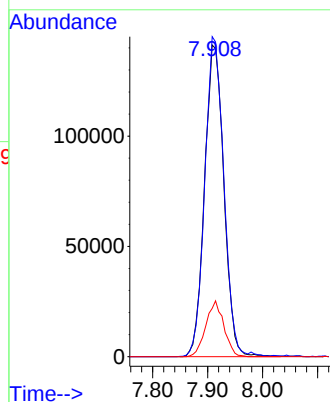
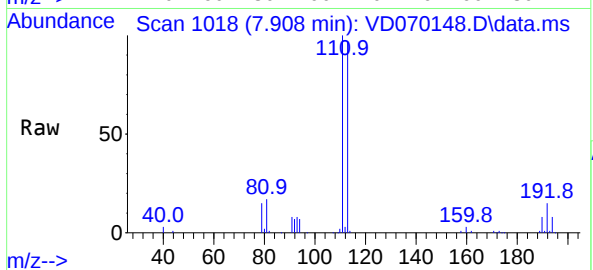
Tgt Ion:113 Resp: 344828

Ion Ratio Lower Upper

113 100

111 100.8 81.8 122.6

192 16.8 13.2 19.8



#36

1,1-Dichloropropene

Concen: 4.232 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.130 min

Lab File: VD070148.D

Acq: 19 Aug 2021 02:51

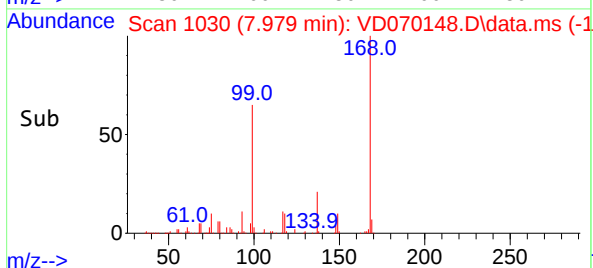
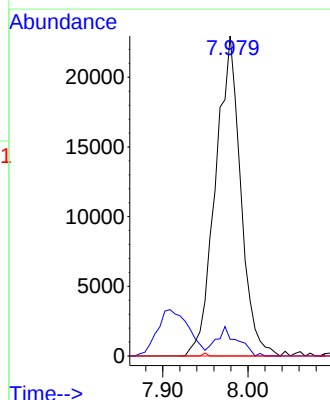
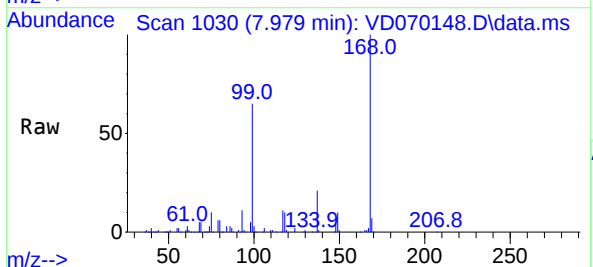
Tgt Ion: 75 Resp: 47167

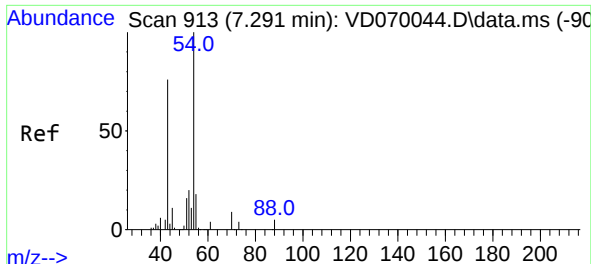
Ion Ratio Lower Upper

75 100

110 7.7 16.9 50.7#

77 0.0 25.2 37.8#





#37

Ethyl Acetate

Concen: 3.696 ug/l

RT: 7.208 min Scan# 899

Delta R.T. -0.082 min

Lab File: VD070148.D

Acq: 19 Aug 2021 02:51

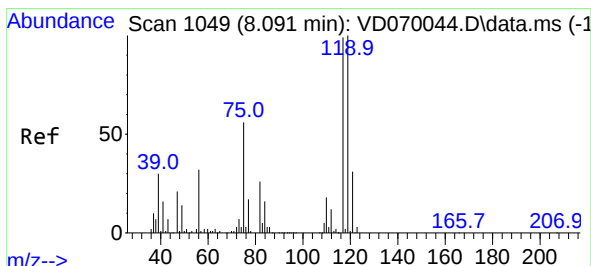
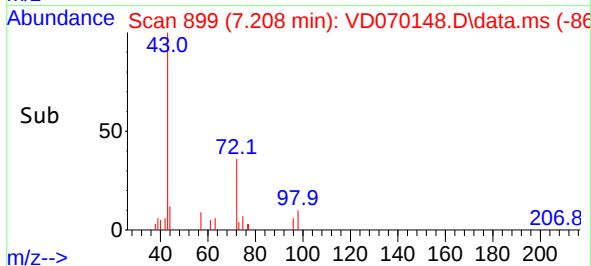
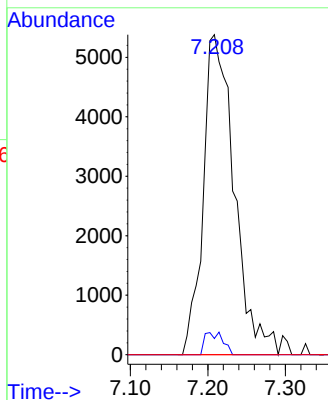
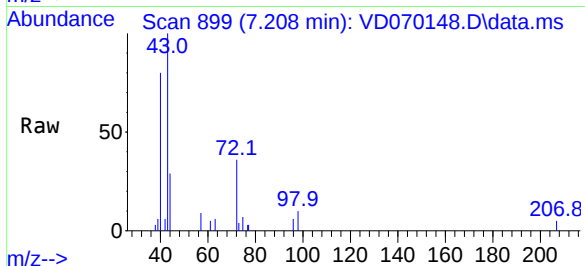
Instrument :

MSVOA_D

ClientSampleId :

SWCS-13-1015

Tgt Ion:	43	Resp:	14962
Ion	Ratio	Lower	Upper
43	100		
61	4.1	11.8	17.6#
70	0.0	9.0	13.6#



#38

Carbon Tetrachloride

Concen: 5.638 ug/l

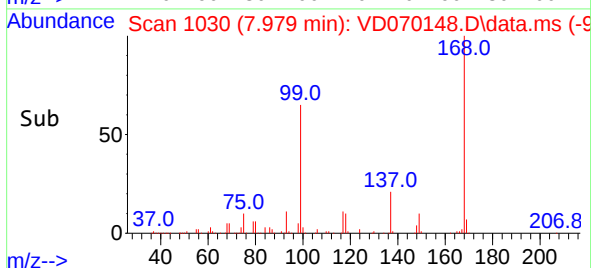
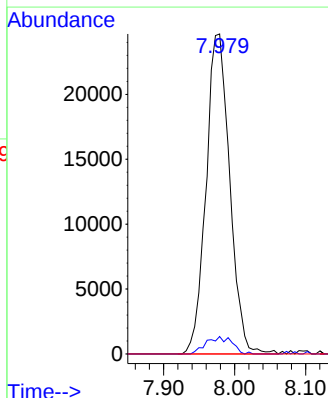
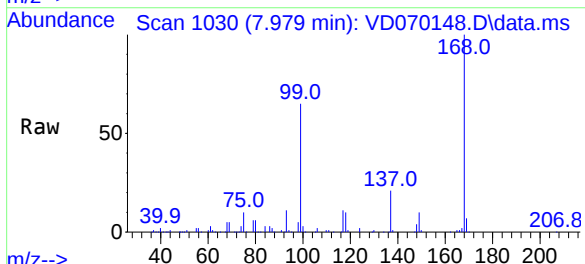
RT: 7.979 min Scan# 1030

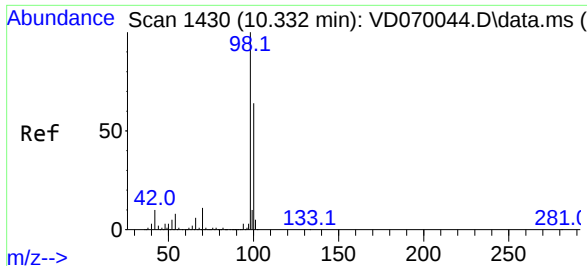
Delta R.T. -0.112 min

Lab File: VD070148.D

Acq: 19 Aug 2021 02:51

Tgt Ion:	117	Resp:	57051
Ion	Ratio	Lower	Upper
117	100		
119	5.5	81.0	121.6#
121	0.0	25.0	37.6#

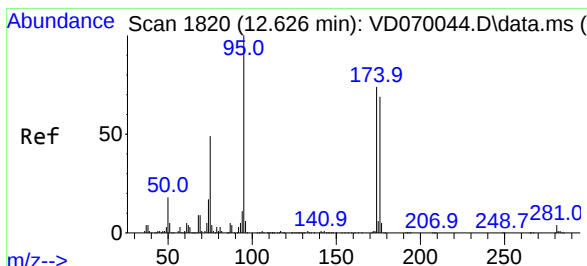
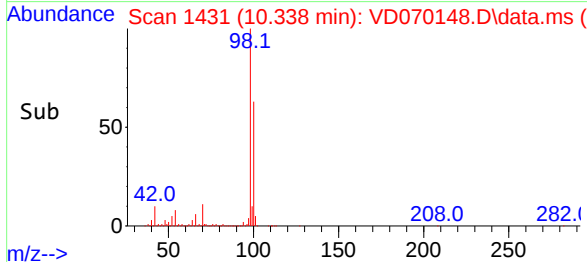
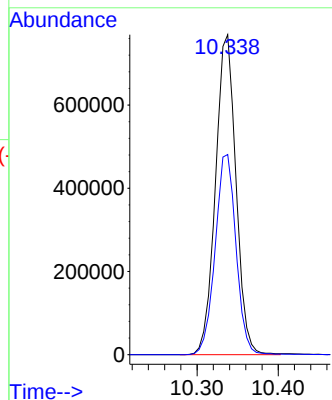
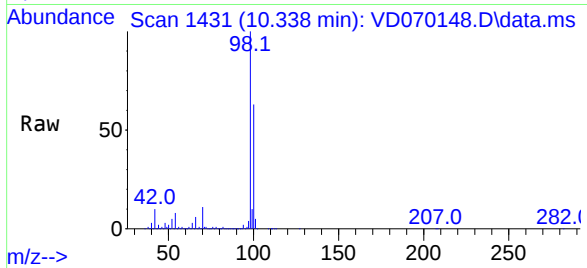




#50
Toluene-d8
Concen: 51.847 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070148.D
Acq: 19 Aug 2021 02:51

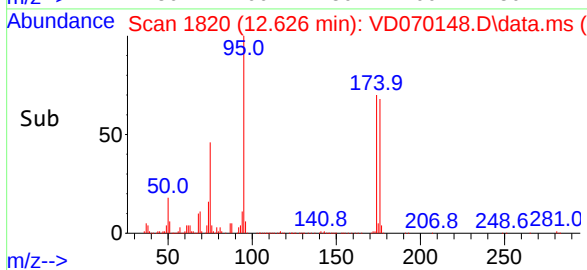
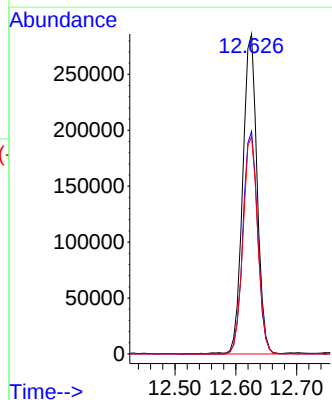
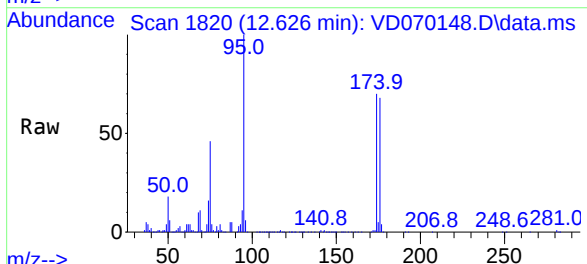
Instrument :
MSVOA_D
ClientSampleId :
SWCS-13-1015

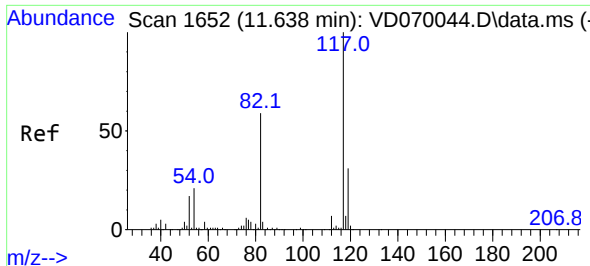
Tgt Ion: 98 Resp: 1349781
Ion Ratio Lower Upper
98 100
100 63.8 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 54.545 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070148.D
Acq: 19 Aug 2021 02:51

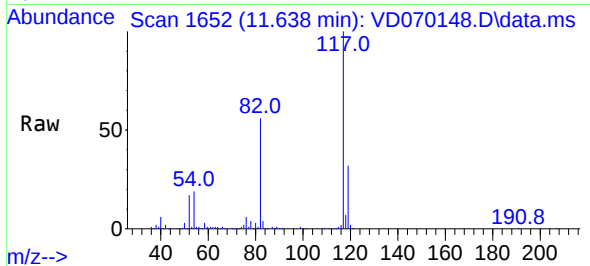
Tgt Ion: 95 Resp: 467713
Ion Ratio Lower Upper
95 100
174 70.9 0.0 141.6
176 69.5 0.0 138.2





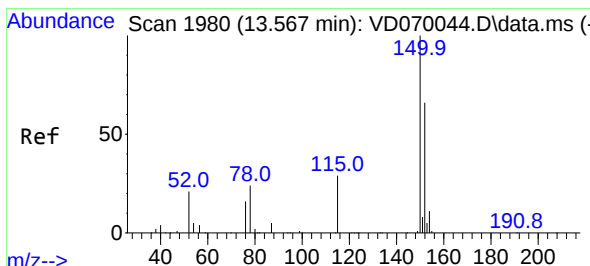
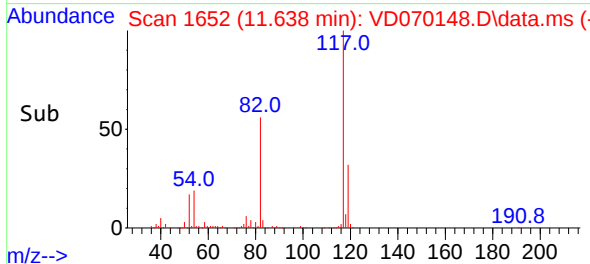
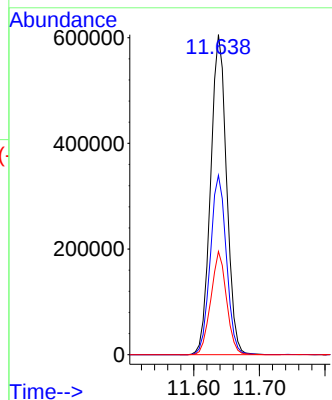
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070148.D
Acq: 19 Aug 2021 02:51

Instrument :
MSVOA_D
ClientSampleId :
SWCS-13-1015

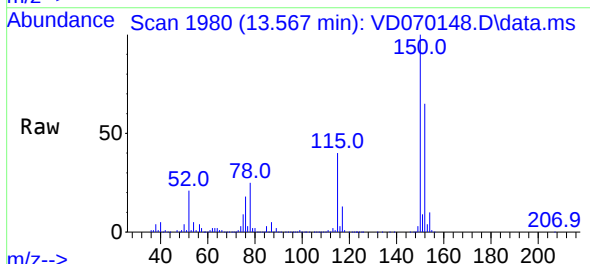


Tgt Ion:117 Resp: 1025689

Ion	Ratio	Lower	Upper
117	100		
82	56.0	47.5	71.3
119	32.3	25.1	37.7

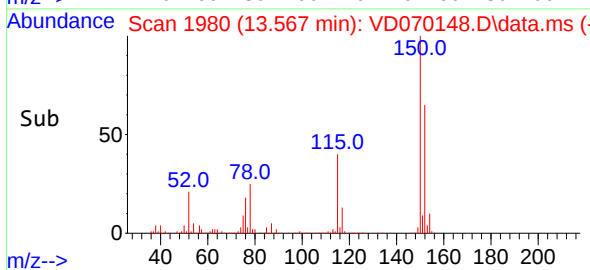
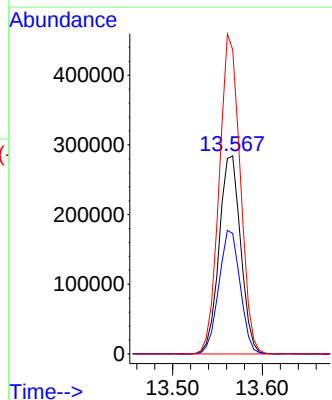


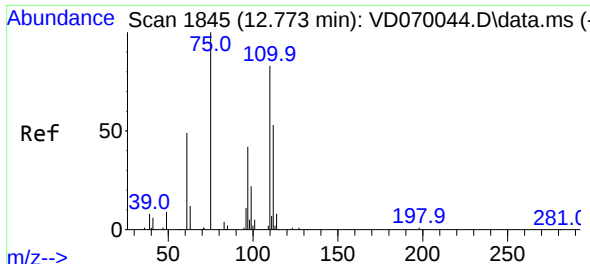
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070148.D
Acq: 19 Aug 2021 02:51



Tgt Ion:152 Resp: 474406

Ion	Ratio	Lower	Upper
152	100		
115	61.9	31.2	93.6
150	157.2	0.0	352.0

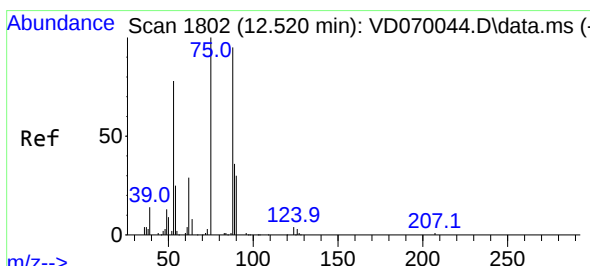
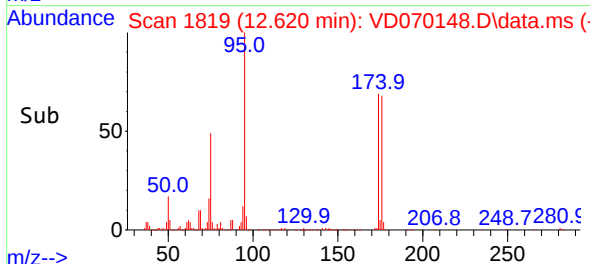
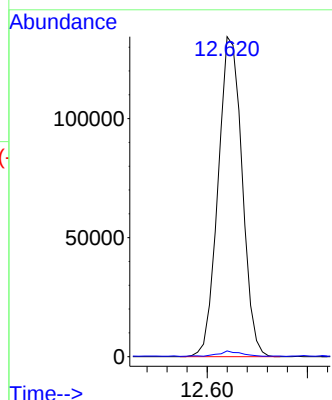
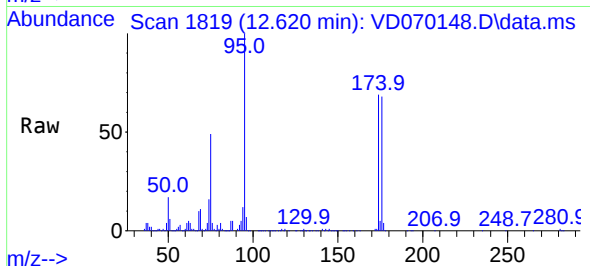




#76
1,2,3-Trichloropropane
Concen: 46.423 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD070148.D
Acq: 19 Aug 2021 02:51

Instrument :
MSVOA_D
ClientSampleId :
SWCS-13-1015

Tgt Ion: 75 Resp: 223346
Ion Ratio Lower Upper
75 100
77 1.6 182.4 547.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 120.496 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD070148.D
Acq: 19 Aug 2021 02:51

Tgt Ion: 75 Resp: 223346
Ion Ratio Lower Upper
75 100
53 0.0 64.5 96.7#
89 0.0 33.7 50.5#

