

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)

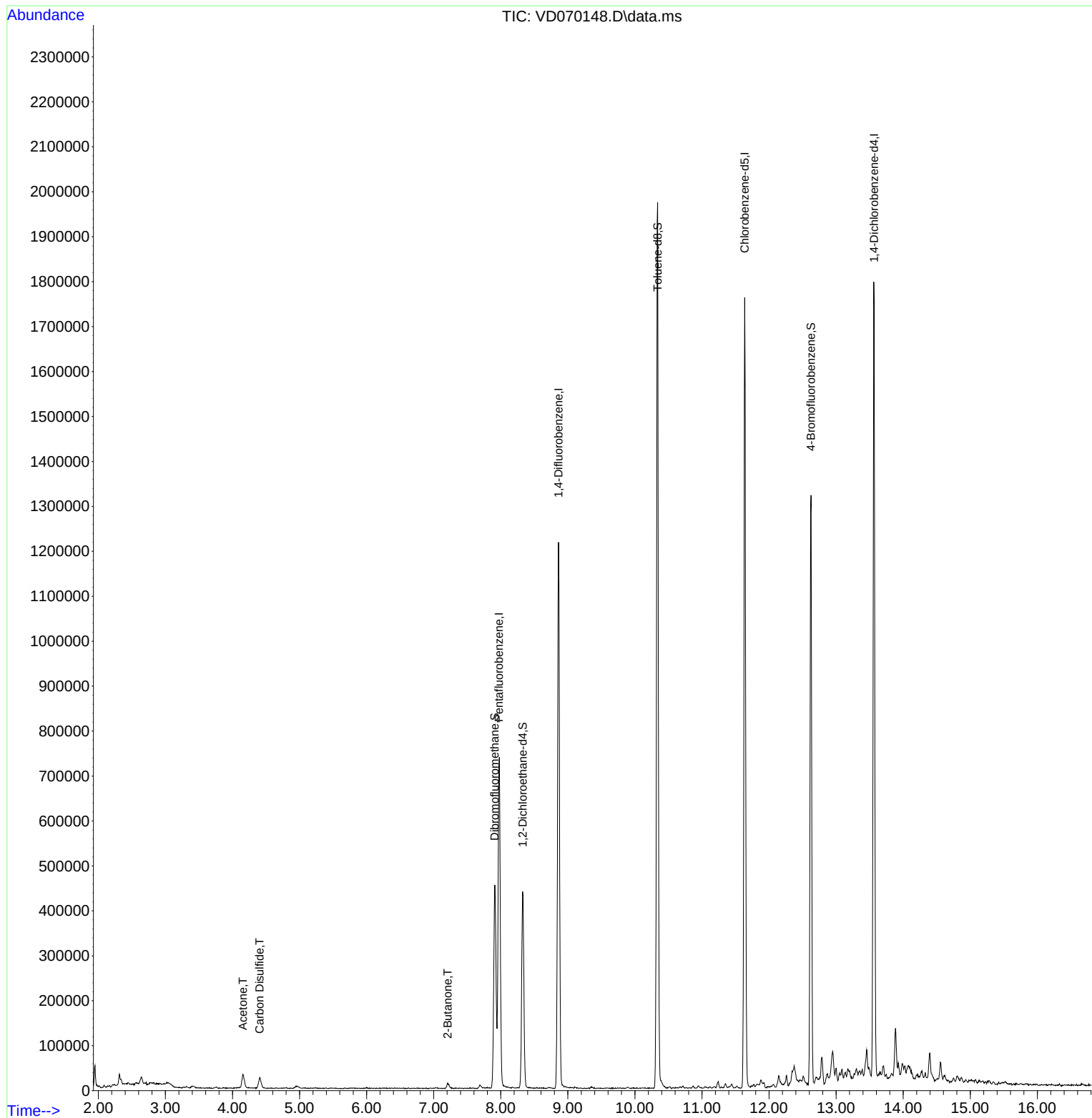
Internal Standards						
1) Pentafluorobenzene	7.973	168	518565	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1036033	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1025689	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	474406	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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	
16) Acetone	4.156	43	52104	46.374	ug/l	94
17) Carbon Disulfide	4.403	76	47660	2.140	ug/l #	95
25) 2-Butanone	7.208	43	14962	9.745	ug/l	90

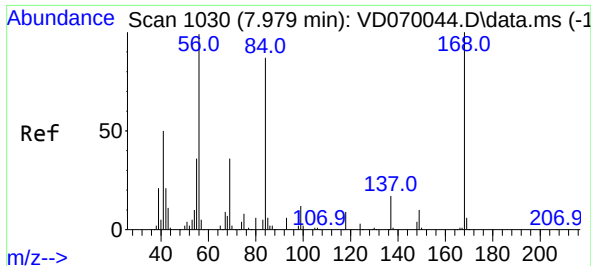
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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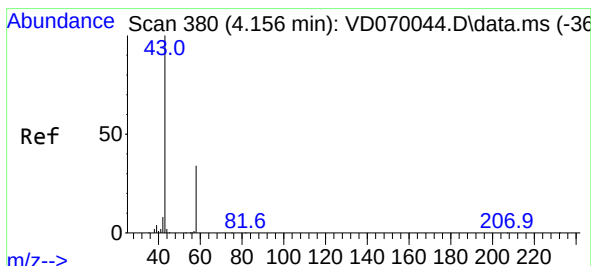
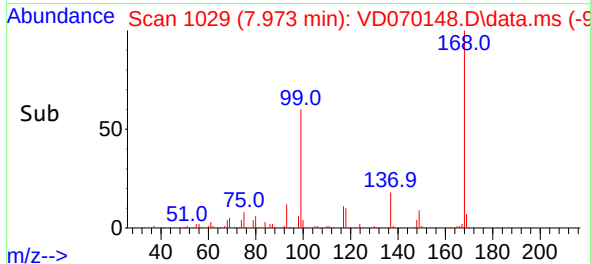
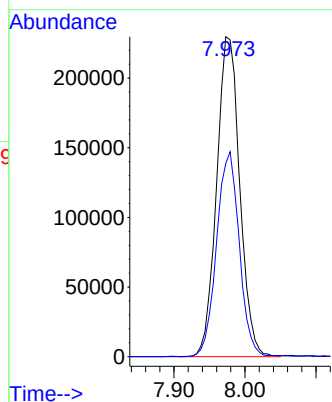
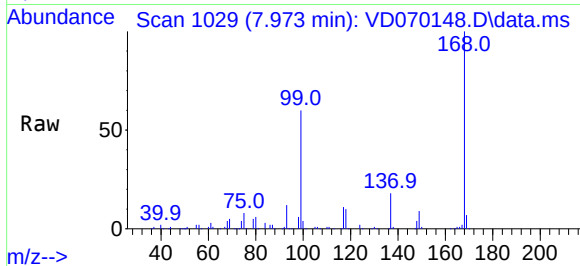




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070148.D
Acq: 19 Aug 2021 02:51

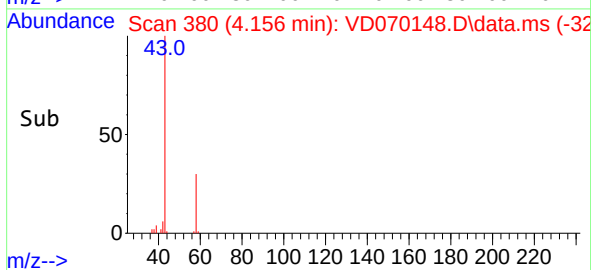
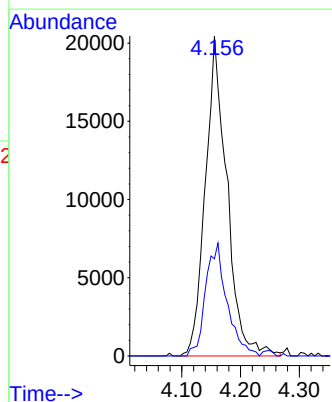
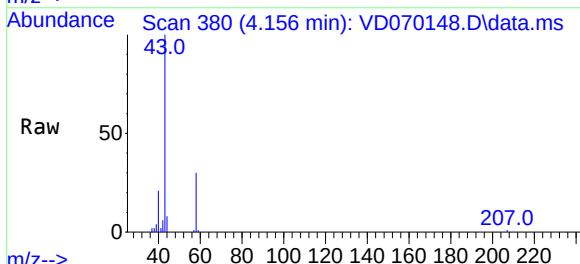
Instrument :
MSVOA_D
ClientSampleId :
SWCS-13-1015

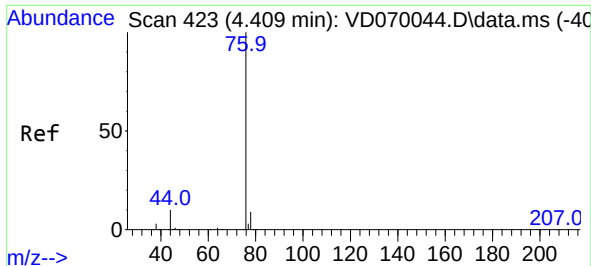
Tgt Ion:168 Resp: 518565
Ion Ratio Lower Upper
168 100
99 60.4 50.3 75.5



#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

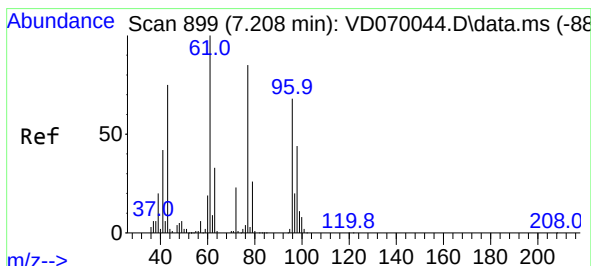
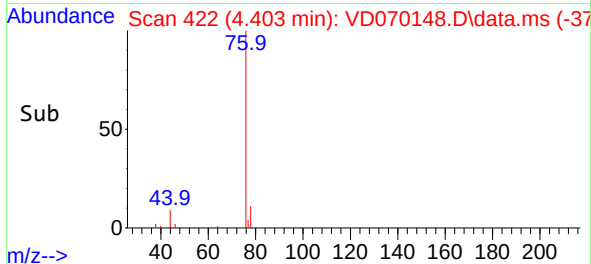
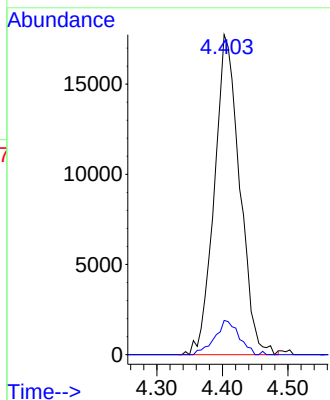
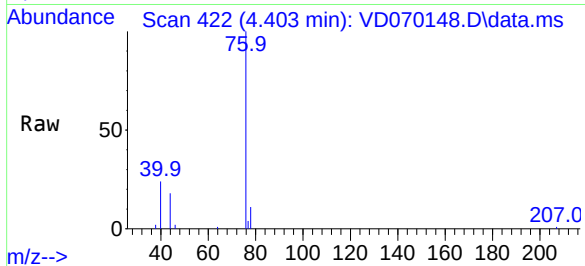




#17
Carbon Disulfide
Concen: 2.140 ug/l
RT: 4.403 min Scan# 422
Delta R.T. -0.006 min
Lab File: VD070148.D
Acq: 19 Aug 2021 02:51

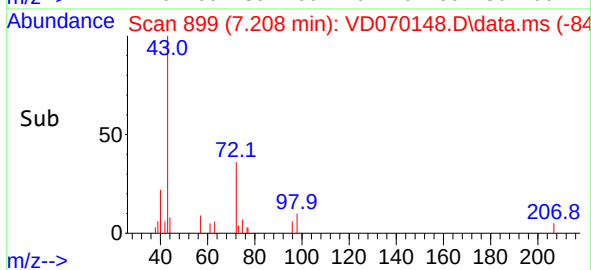
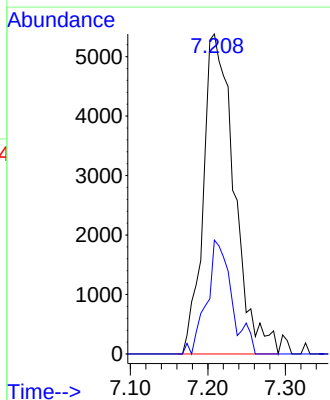
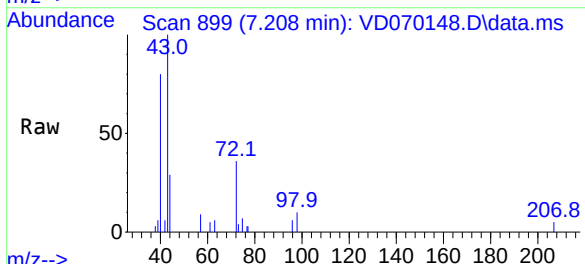
Instrument :
MSVOA_D
ClientSampleId :
SWCS-13-1015

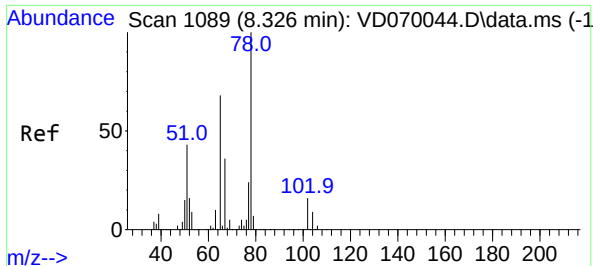
Tgt Ion: 76 Resp: 47660
Ion Ratio Lower Upper
76 100
78 10.7 7.1 10.7#



#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

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

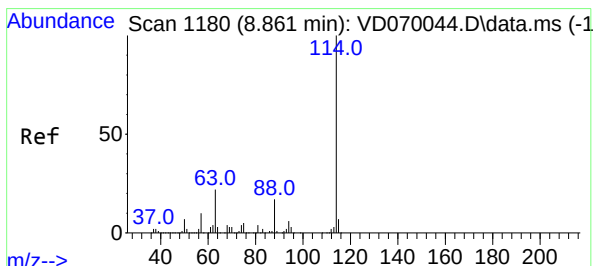
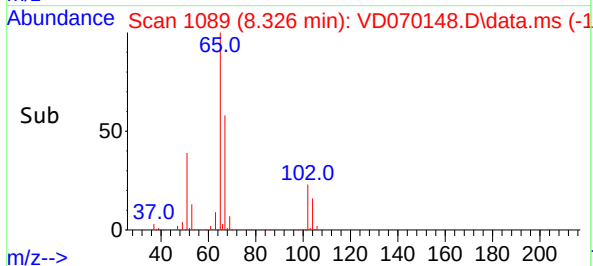
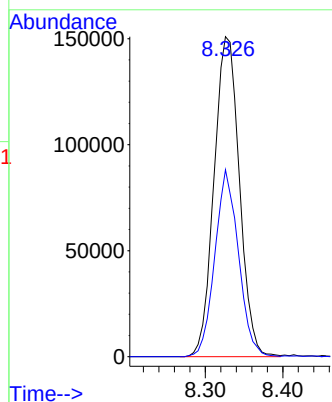
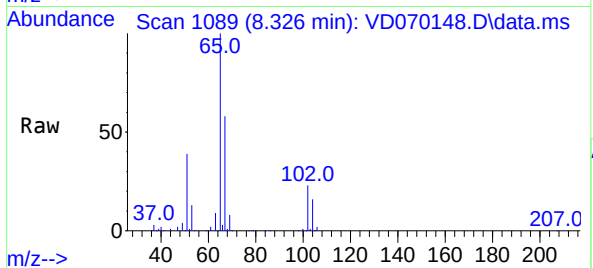




#33
1,2-Dichloroethane-d4
Concen: 56.353 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070148.D
Acq: 19 Aug 2021 02:51

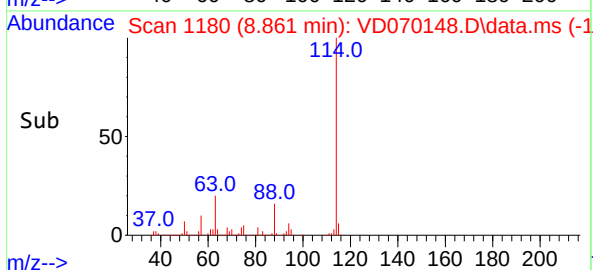
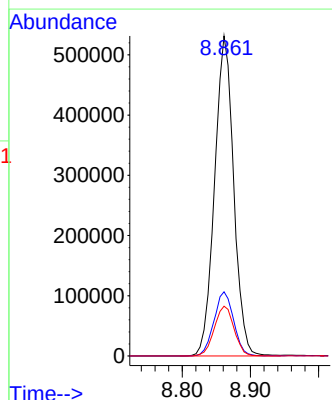
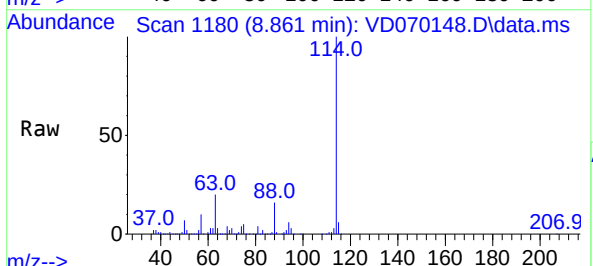
Instrument :
MSVOA_D
ClientSampleId :
SWCS-13-1015

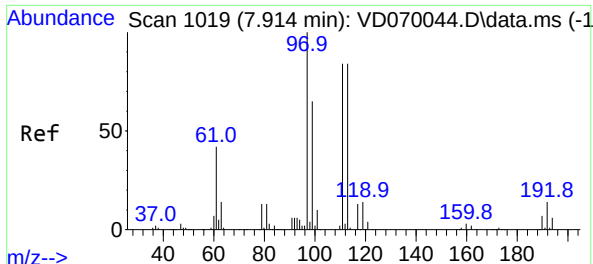
Tgt Ion: 65 Resp: 343703
Ion Ratio Lower Upper
65 100
67 54.3 0.0 107.8



#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

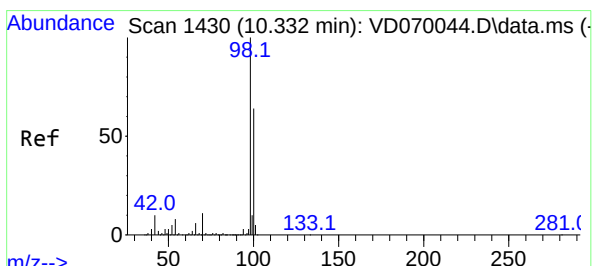
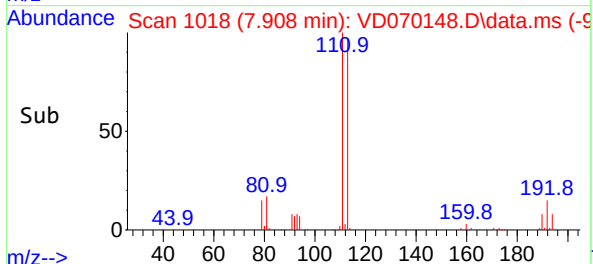
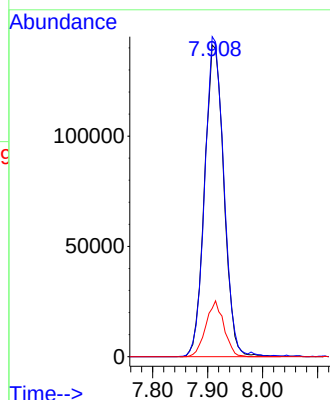
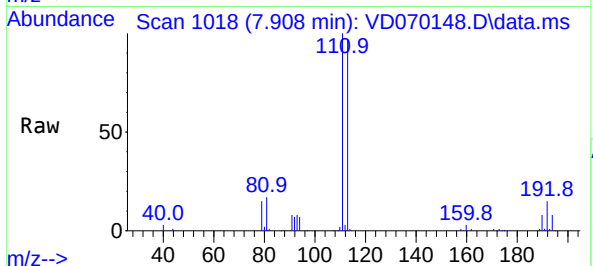




#35
Dibromofluoromethane
Concen: 51.517 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070148.D
Acq: 19 Aug 2021 02:51

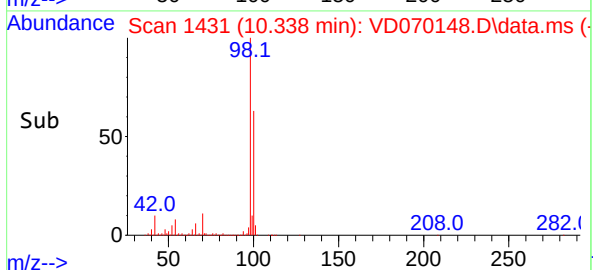
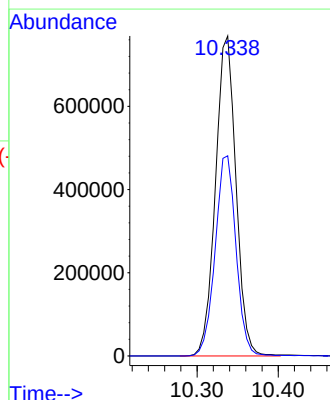
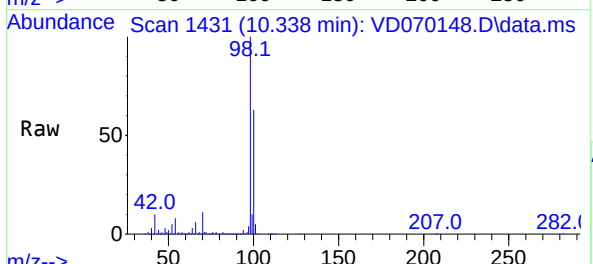
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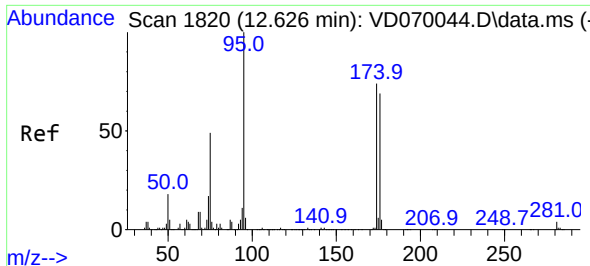
Tgt Ion:113 Resp: 344828
Ion Ratio Lower Upper
113 100
111 100.8 81.8 122.6
192 16.8 13.2 19.8



#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

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

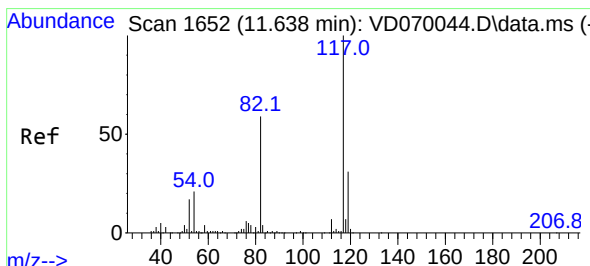
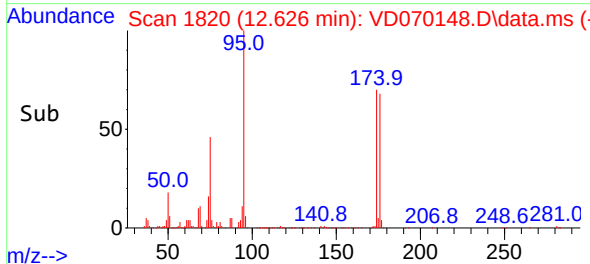
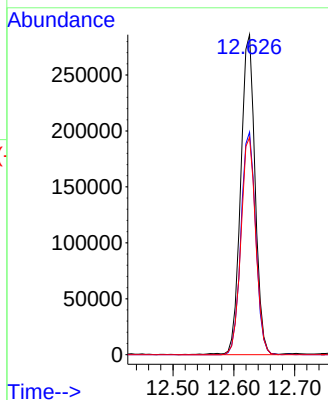
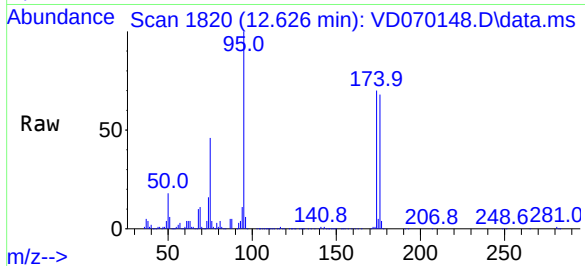




#62
4-Bromofluorobenzene
Concen: 54.545 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070148.D
Acq: 19 Aug 2021 02:51

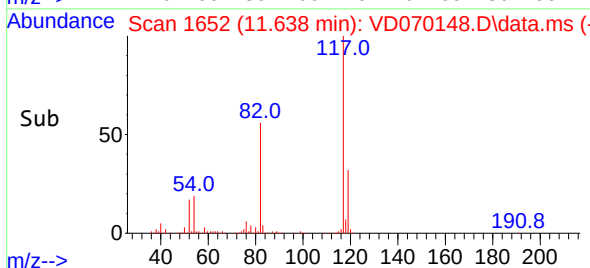
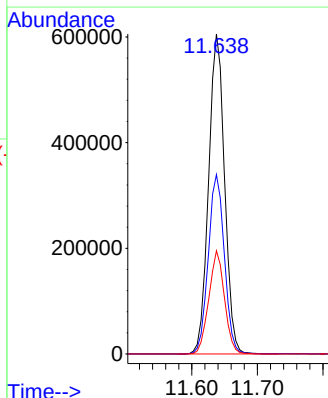
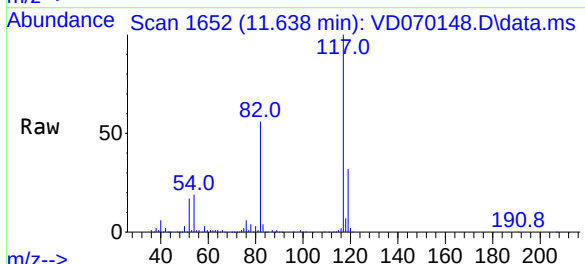
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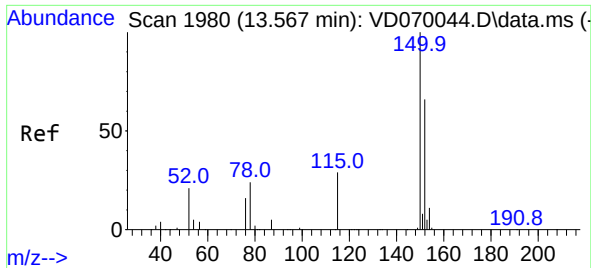
Tgt Ion: 95 Resp: 467713
Ion Ratio Lower Upper
95 100
174 70.9 0.0 141.6
176 69.5 0.0 138.2



#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

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

Instrument :
MSVOA_D
ClientSampleId :
SWCS-13-1015

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

