

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081621\
 Data File : VD070075.D
 Acq On : 16 Aug 2021 19:12
 Operator : VA/SY
 Sample : M3368-22
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-04-0510

Quant Time: Aug 17 03:57:46 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)

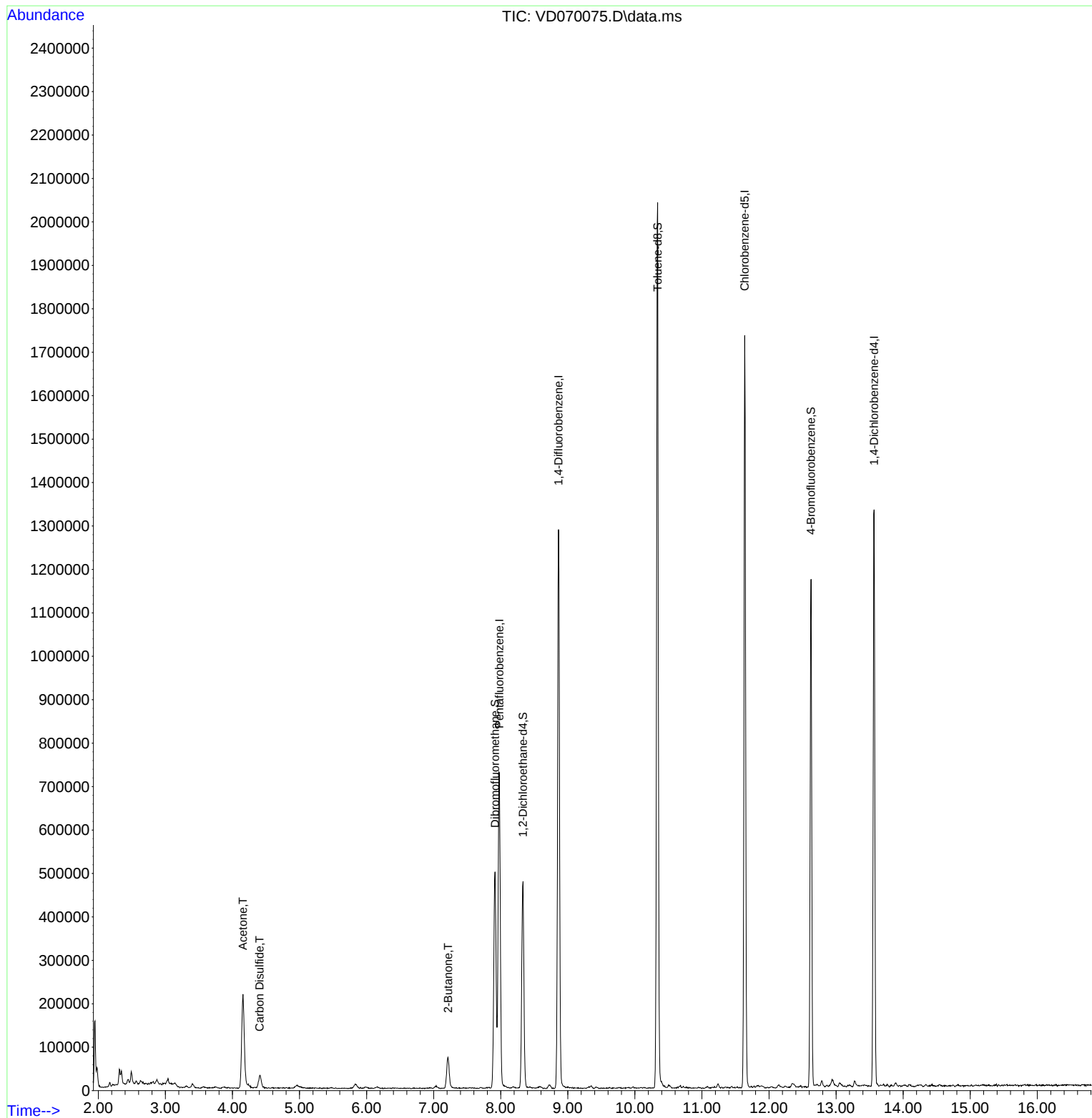
Internal Standards						
1) Pentafluorobenzene	7.979	168	515642	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1094212	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1008301	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	364813	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	376178	62.027	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 124.060%			
35) Dibromofluoromethane	7.914	113	374583	52.987	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.980%			
50) Toluene-d8	10.338	98	1404160	51.068	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.140%			
62) 4-Bromofluorobenzene	12.626	95	408496	45.106	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 90.220%			
Target Compounds					Qvalue	
16) Acetone	4.156	43	364391	326.156	ug/l	96
17) Carbon Disulfide	4.403	76	59152	2.671	ug/l #	92
25) 2-Butanone	7.214	43	113109	74.091	ug/l	91

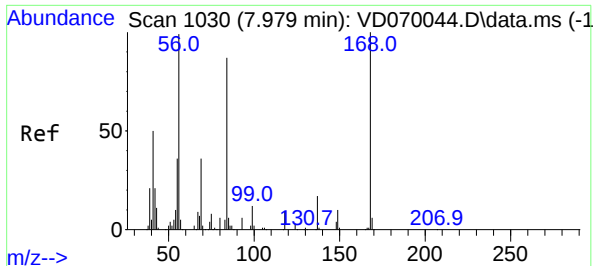
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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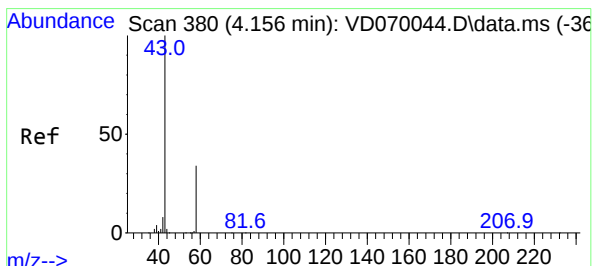
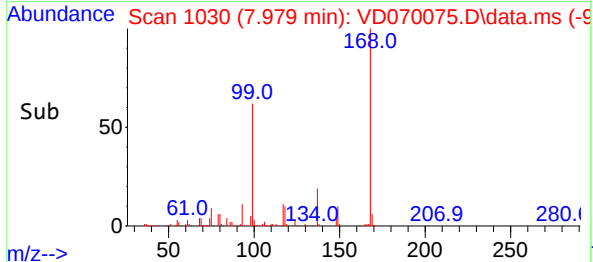
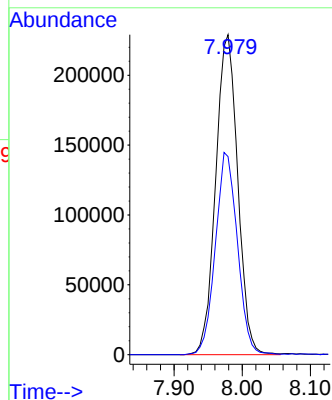
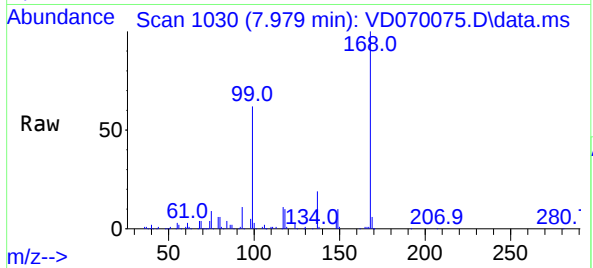




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070075.D
Acq: 16 Aug 2021 19:12

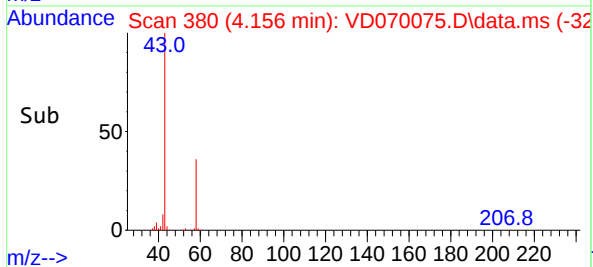
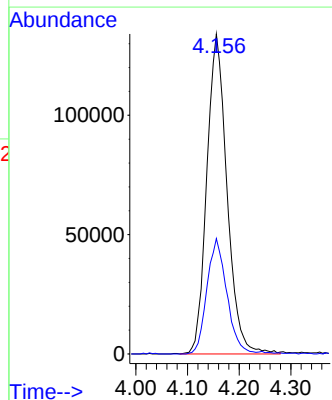
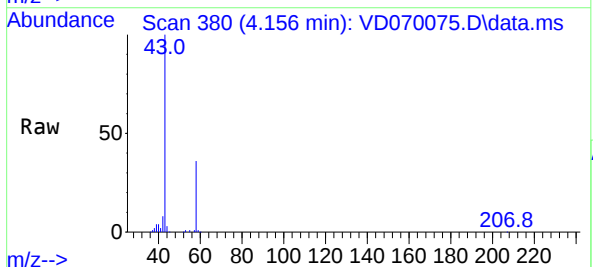
Instrument :
MSVOA_D
ClientSampleId :
SWCS-04-0510

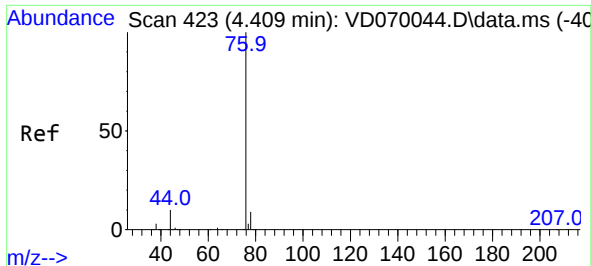
Tgt Ion:168 Resp: 515642
Ion Ratio Lower Upper
168 100
99 61.9 50.3 75.5



#16
Acetone
Concen: 326.156 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD070075.D
Acq: 16 Aug 2021 19:12

Tgt Ion: 43 Resp: 364391
Ion Ratio Lower Upper
43 100
58 36.1 26.8 40.2

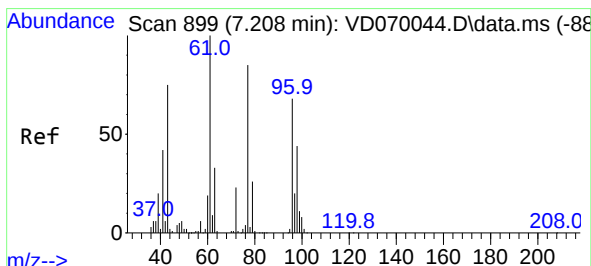
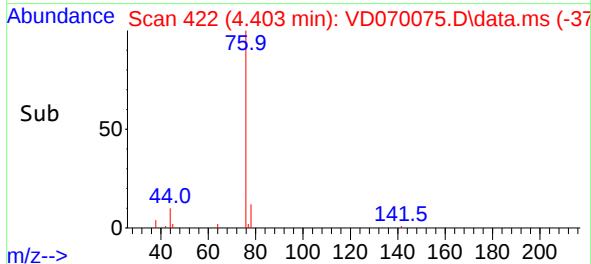
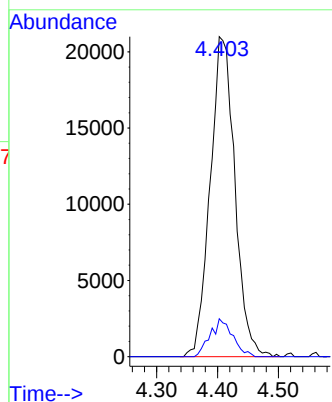
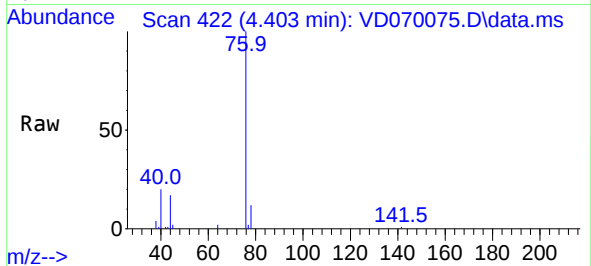




#17
Carbon Disulfide
Concen: 2.671 ug/l
RT: 4.403 min Scan# 422
Delta R.T. -0.006 min
Lab File: VD070075.D
Acq: 16 Aug 2021 19:12

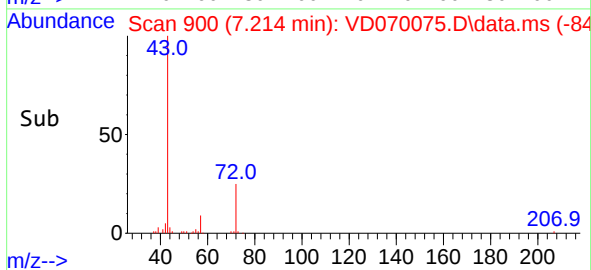
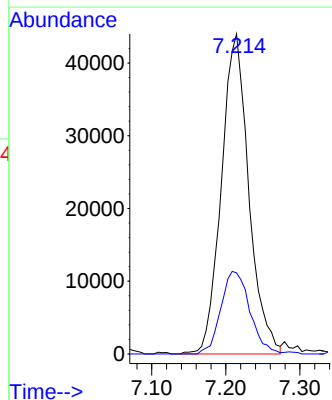
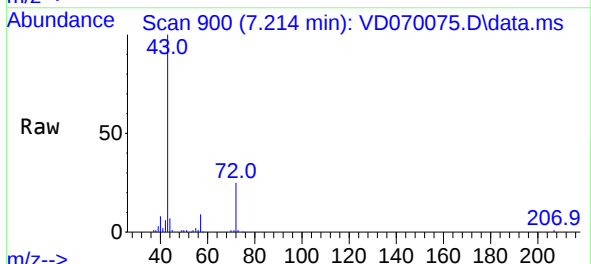
Instrument :
MSVOA_D
ClientSampleId :
SWCS-04-0510

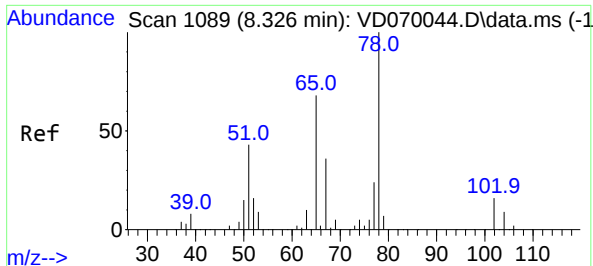
Tgt Ion: 76 Resp: 59152
Ion Ratio Lower Upper
76 100
78 11.8 7.1 10.7#



#25
2-Butanone
Concen: 74.091 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD070075.D
Acq: 16 Aug 2021 19:12

Tgt Ion: 43 Resp: 113109
Ion Ratio Lower Upper
43 100
72 25.3 24.2 36.4



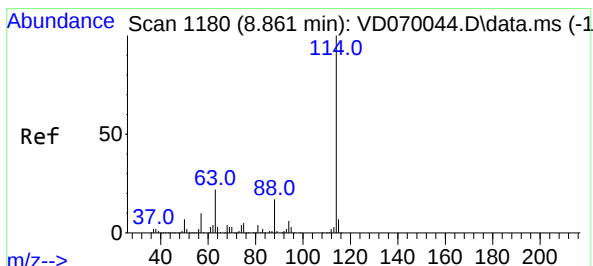
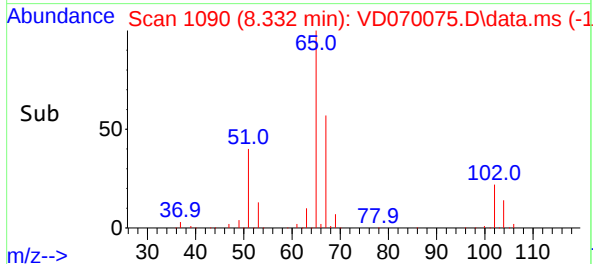
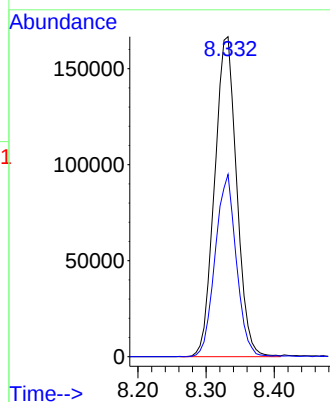
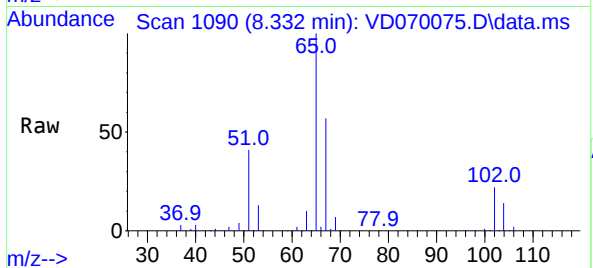


#33

1,2-Dichloroethane-d4
Concen: 62.027 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD070075.D
Acq: 16 Aug 2021 19:12

Instrument :
MSVOA_D
ClientSampleId :
SWCS-04-0510

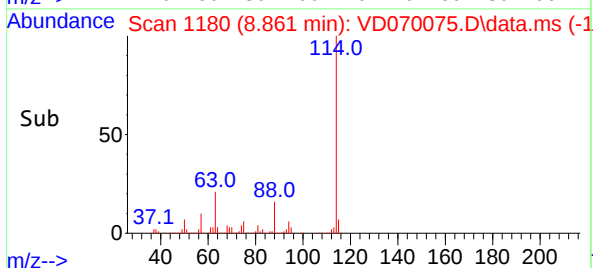
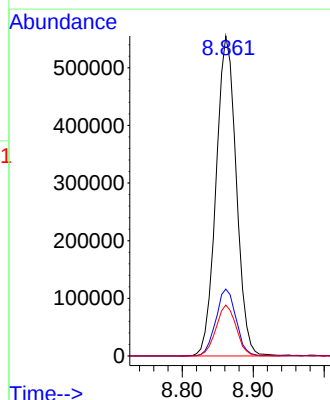
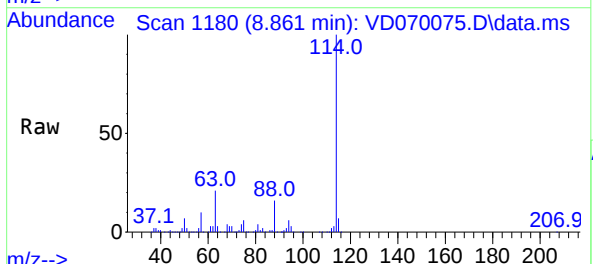
Tgt Ion: 65 Resp: 376178
Ion Ratio Lower Upper
65 100
67 54.5 0.0 107.8

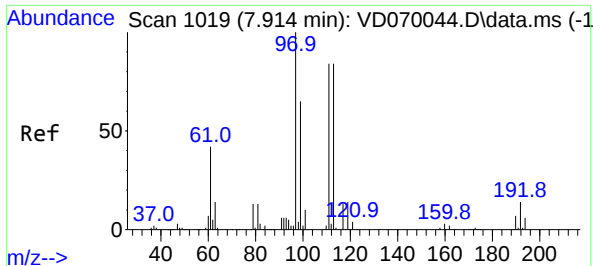


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070075.D
Acq: 16 Aug 2021 19:12

Tgt Ion:114 Resp: 1094212
Ion Ratio Lower Upper
114 100
63 20.9 0.0 43.6
88 15.9 0.0 33.4

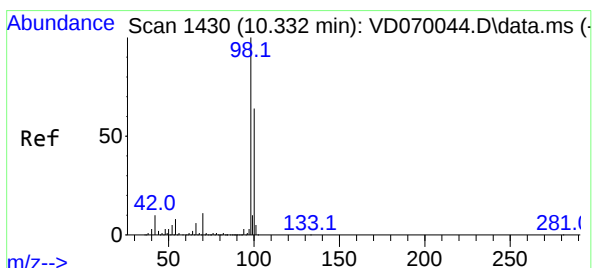
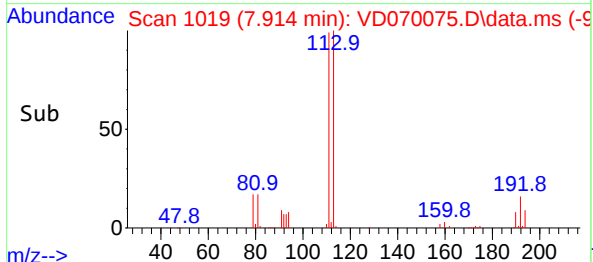
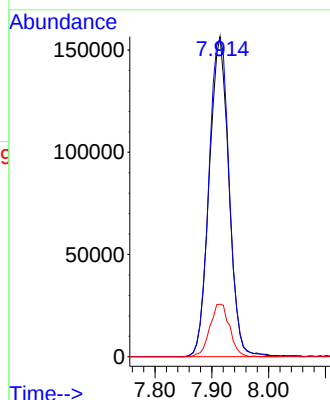
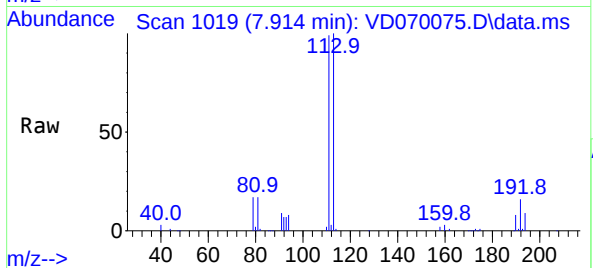




#35
Dibromofluoromethane
Concen: 52.987 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070075.D
Acq: 16 Aug 2021 19:12

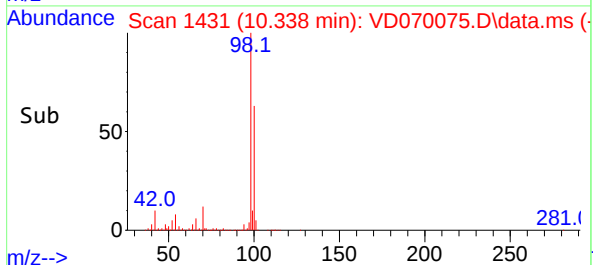
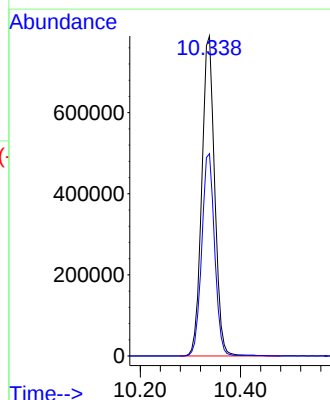
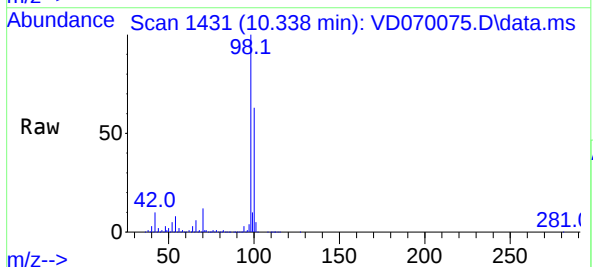
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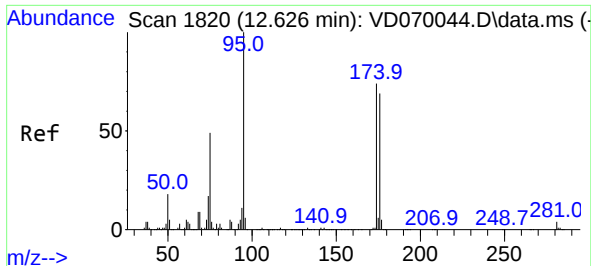
Tgt Ion:113 Resp: 374583
Ion Ratio Lower Upper
113 100
111 103.4 81.8 122.6
192 16.5 13.2 19.8



#50
Toluene-d8
Concen: 51.068 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070075.D
Acq: 16 Aug 2021 19:12

Tgt Ion: 98 Resp: 1404160
Ion Ratio Lower Upper
98 100
100 63.6 52.6 78.8

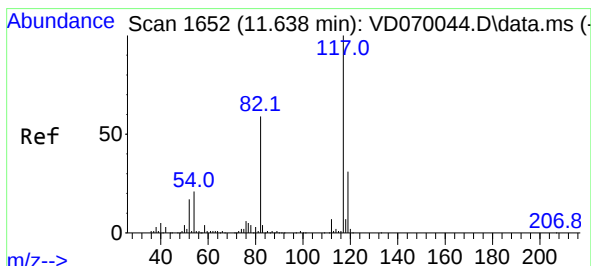
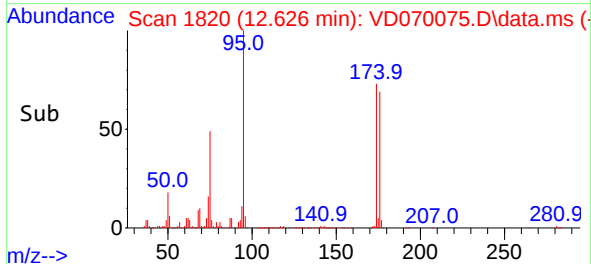
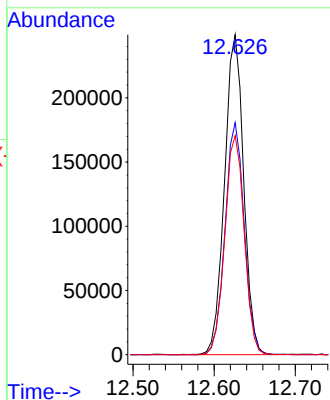
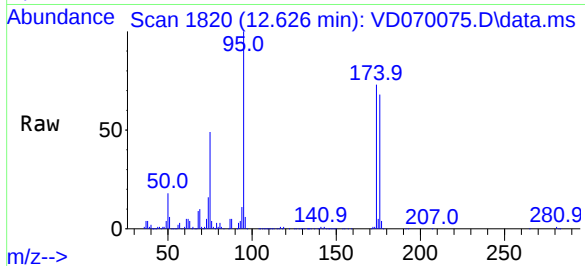




#62
4-Bromofluorobenzene
Concen: 45.106 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070075.D
Acq: 16 Aug 2021 19:12

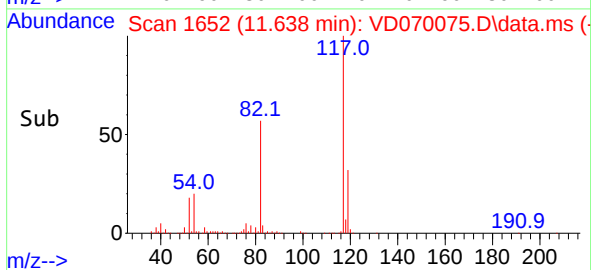
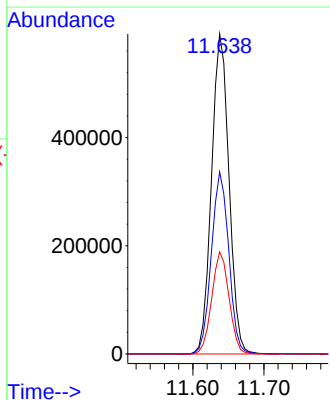
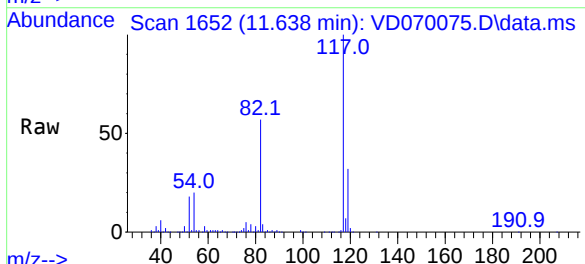
Instrument :
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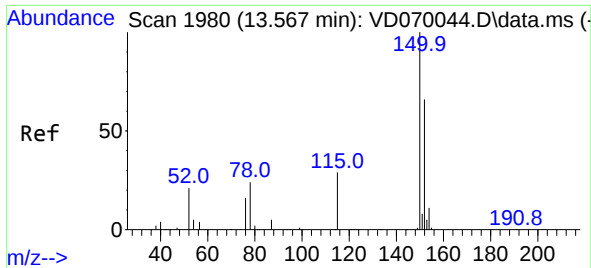
Tgt Ion: 95 Resp: 408496
Ion Ratio Lower Upper
95 100
174 72.7 0.0 141.6
176 69.0 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070075.D
Acq: 16 Aug 2021 19:12

Tgt Ion: 117 Resp: 1008301
Ion Ratio Lower Upper
117 100
82 56.9 47.5 71.3
119 31.9 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: VD070075.D
 Acq: 16 Aug 2021 19:12

Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-04-0510

Tgt Ion:	152	Resp:	364813
Ion	Ratio	Lower	Upper
152	100		
115	60.2	31.2	93.6
150	157.5	0.0	352.0

