

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101221\
 Data File : VD070677.D
 Acq On : 12 Oct 2021 14:10
 Operator : VA/SY
 Sample : M4158-09
 Misc : 6.85G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T3-4-BOTTOM-GRAB

Quant Time: Oct 13 06:36:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 09:10:31 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

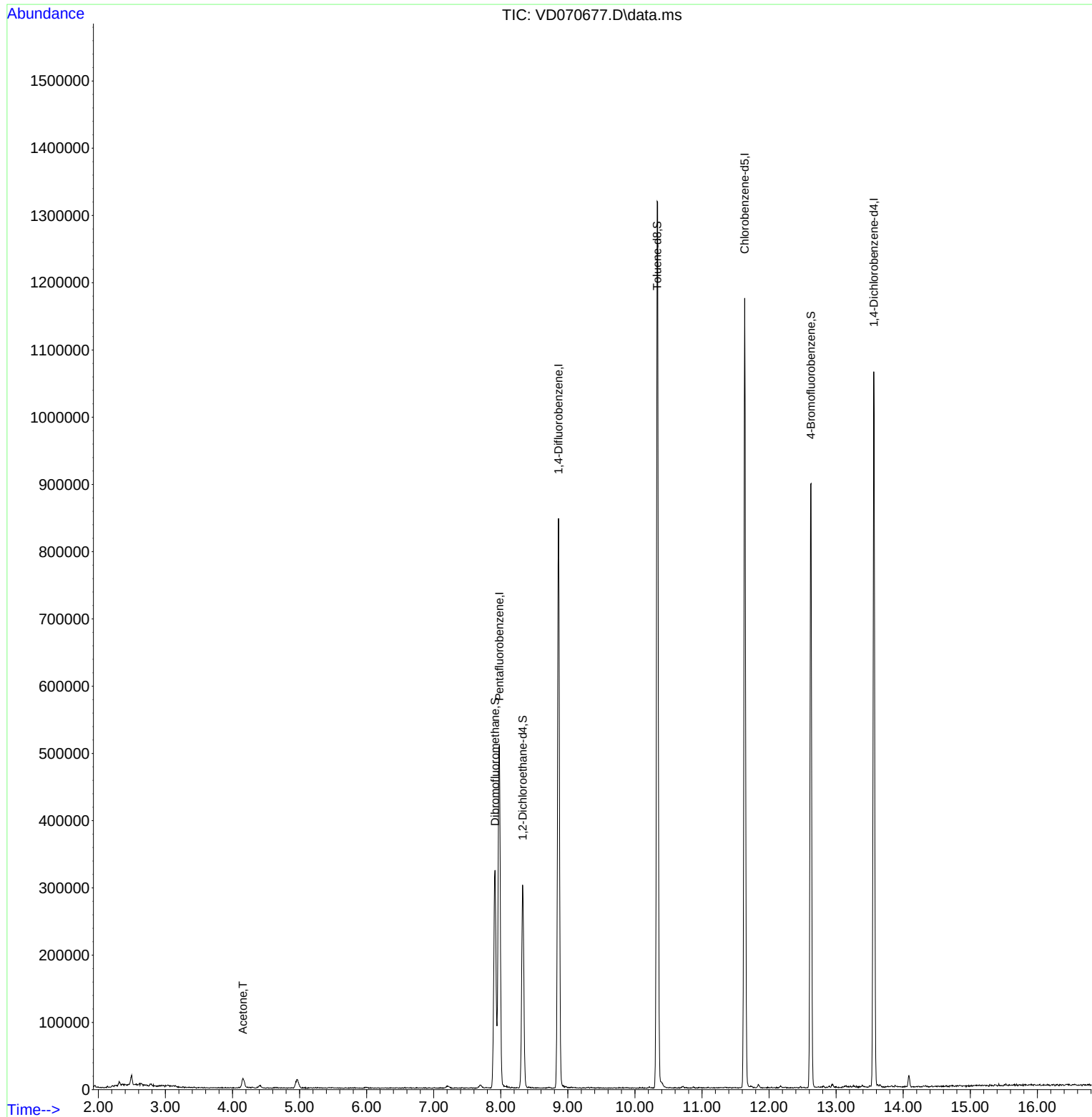
Internal Standards						
1) Pentafluorobenzene	7.979	168	372225	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	738697	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	697076	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	284756	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	242044	55.25	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.50%
35) Dibromofluoromethane	7.914	113	239602	48.79	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.58%
50) Toluene-d8	10.332	98	946748	50.43	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.86%
62) 4-Bromofluorobenzene	12.626	95	296755	47.29	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.58%
Target Compounds					Qvalue	
16) Acetone	4.156	43	23925	32.16	ug/l #	77

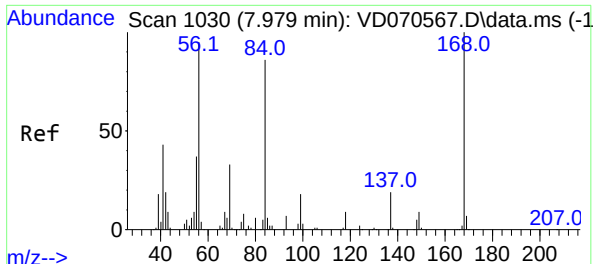
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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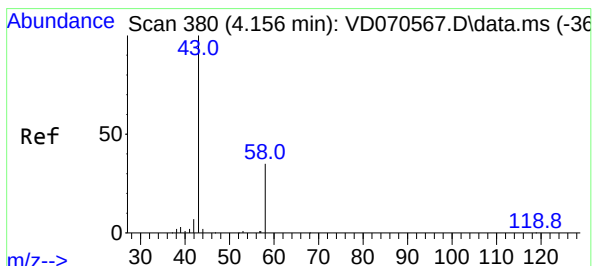
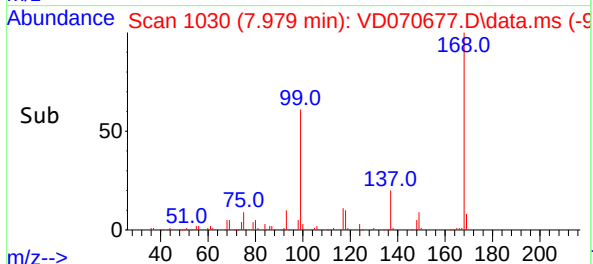
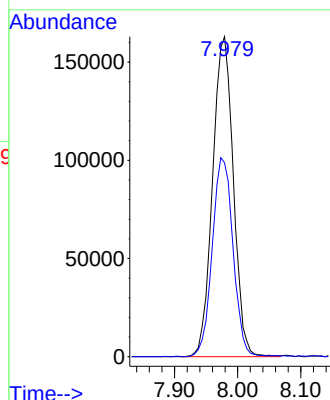
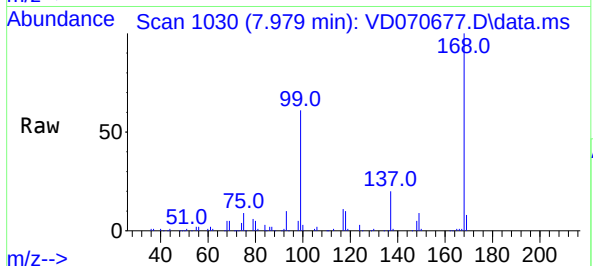




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070677.D
Acq: 12 Oct 2021 14:10

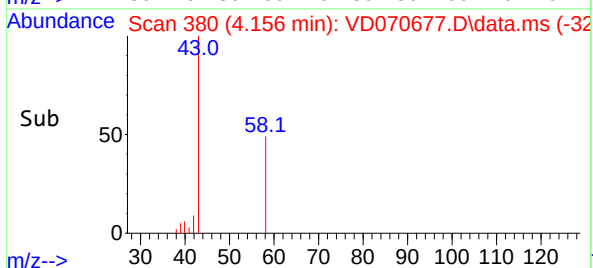
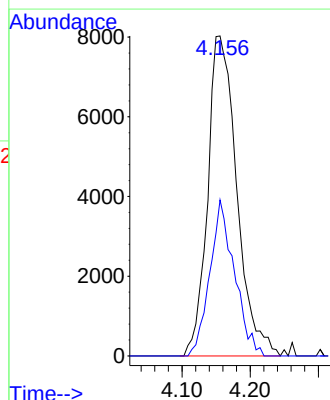
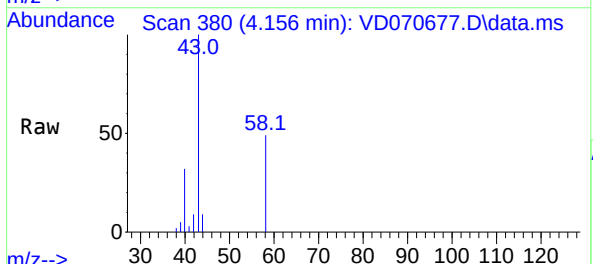
Instrument :
MSVOA_D
ClientSampleId :
T3-4-BOTTOM-GRAB

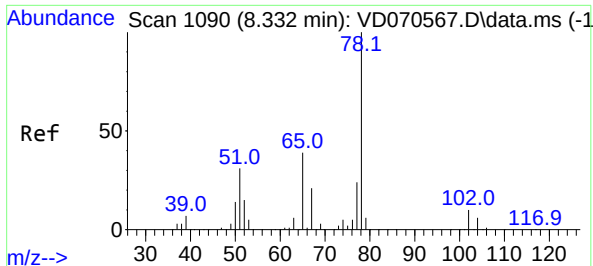
Tgt Ion:168 Resp: 372225
Ion Ratio Lower Upper
168 100
99 60.5 51.4 77.0



#16
Acetone
Concen: 32.16 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD070677.D
Acq: 12 Oct 2021 14:10

Tgt Ion: 43 Resp: 23925
Ion Ratio Lower Upper
43 100
58 48.7 28.2 42.2#

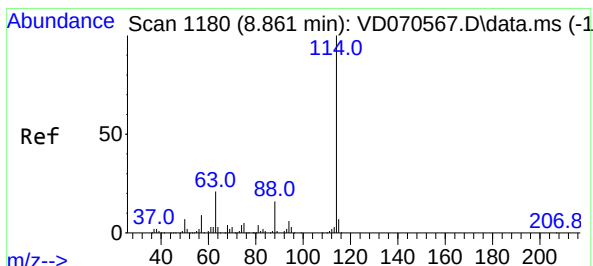
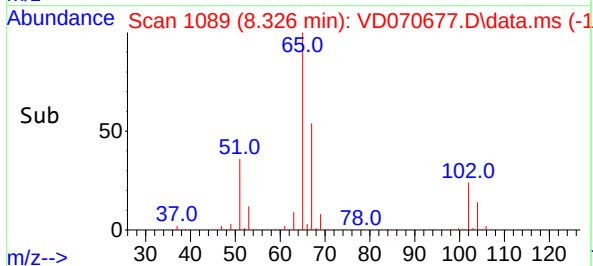
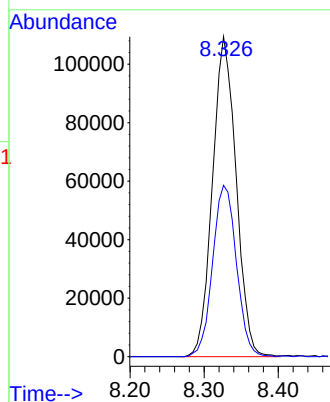
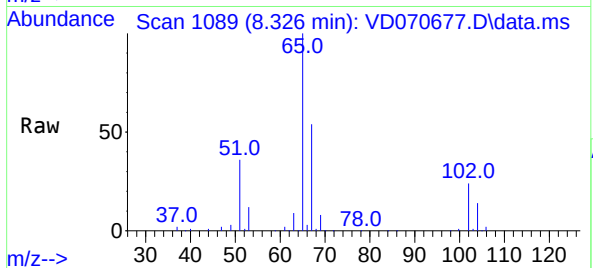




#33
1,2-Dichloroethane-d4
Concen: 55.25 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070677.D
Acq: 12 Oct 2021 14:10

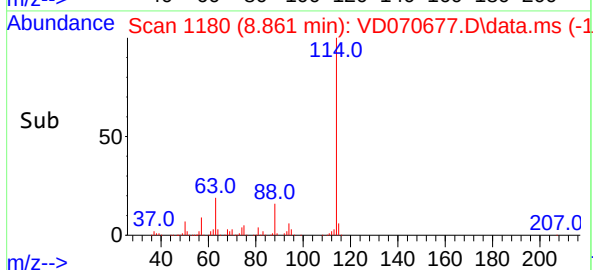
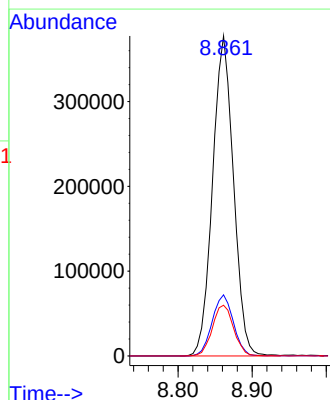
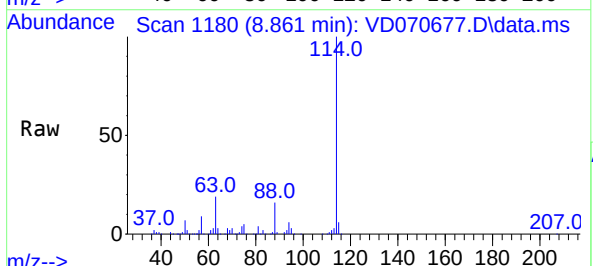
Tgt Ion: 65 Resp: 242044
Ion Ratio Lower Upper
65 100
67 54.0 0.0 110.2

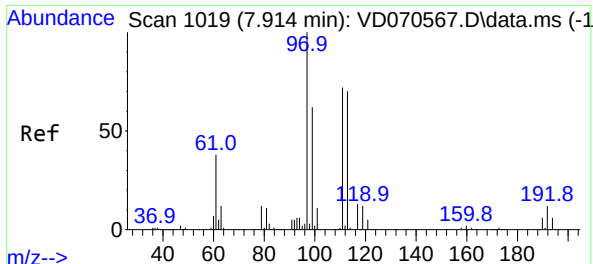
Instrument :
MSVOA_D
ClientSampleId :
T3-4-BOTTOM-GRAB



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070677.D
Acq: 12 Oct 2021 14:10

Tgt Ion: 114 Resp: 738697
Ion Ratio Lower Upper
114 100
63 19.1 0.0 41.8
88 15.8 0.0 32.6

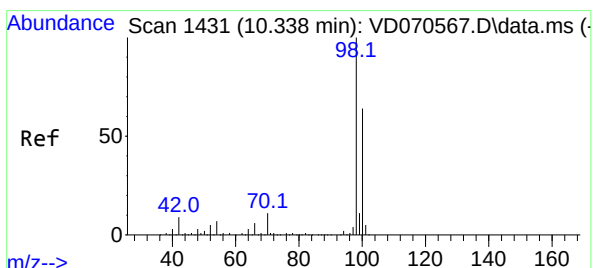
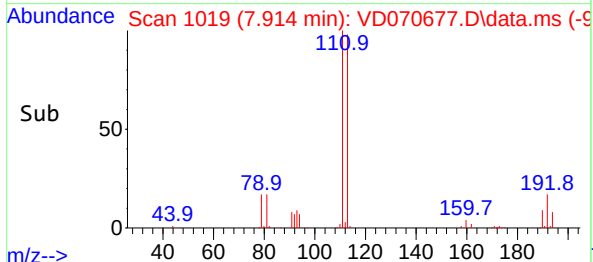
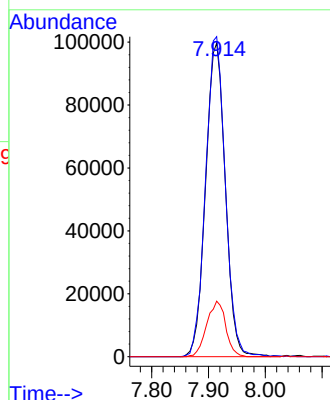
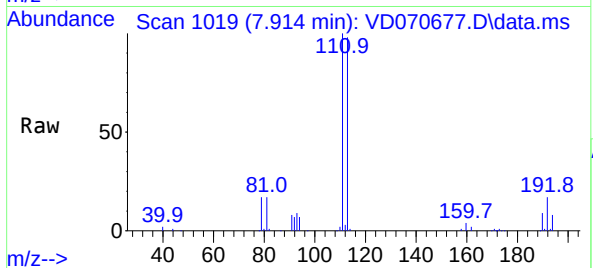




#35
Dibromofluoromethane
Concen: 48.79 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070677.D
Acq: 12 Oct 2021 14:10

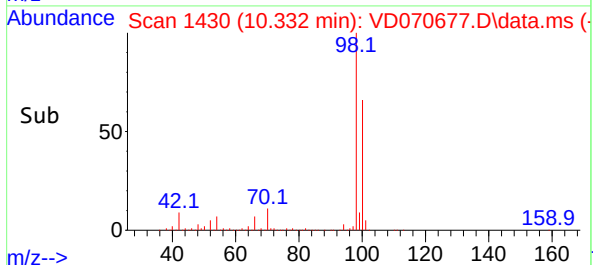
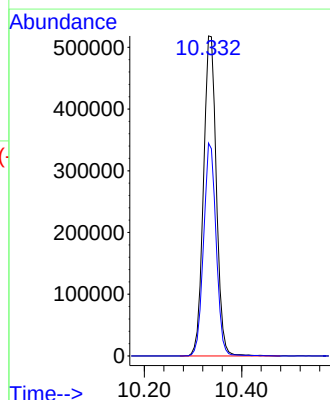
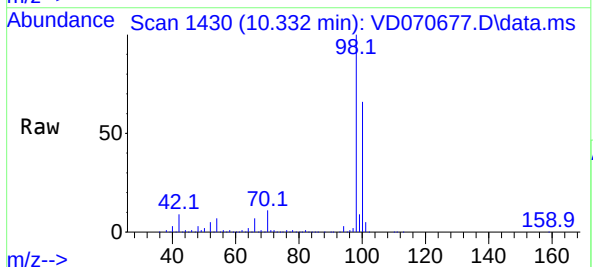
Instrument :
MSVOA_D
ClientSampleId :
T3-4-BOTTOM-GRAB

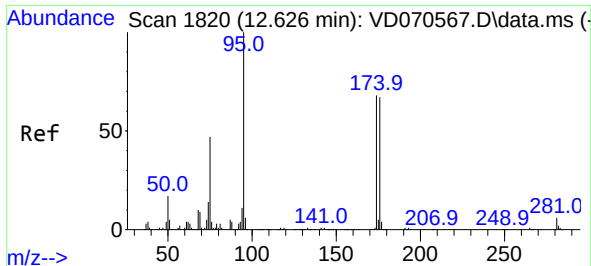
Tgt Ion:113 Resp: 239602
Ion Ratio Lower Upper
113 100
111 102.0 83.1 124.7
192 17.1 12.7 19.1



#50
Toluene-d8
Concen: 50.43 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070677.D
Acq: 12 Oct 2021 14:10

Tgt Ion: 98 Resp: 946748
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.4

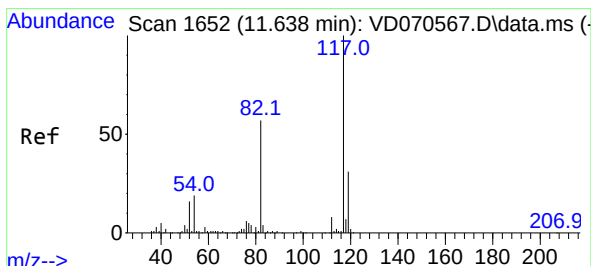
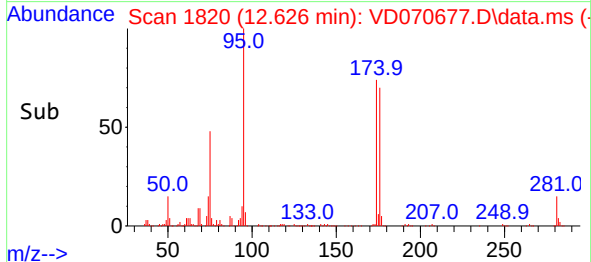
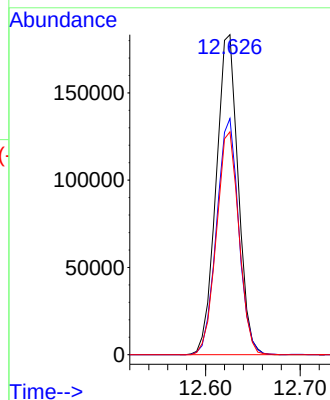
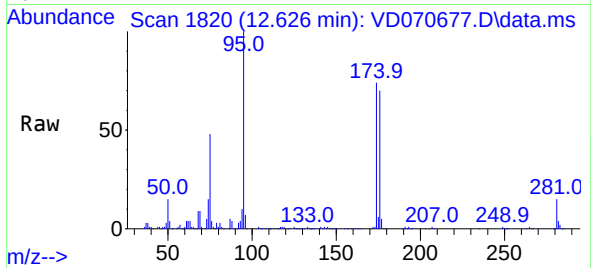




#62
4-Bromofluorobenzene
Concen: 47.29 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070677.D
Acq: 12 Oct 2021 14:10

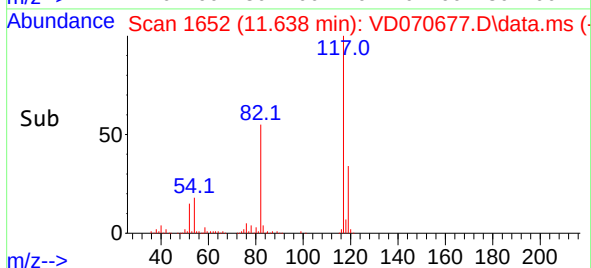
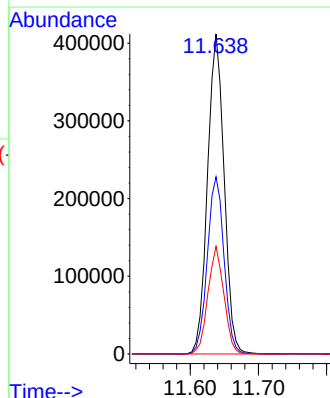
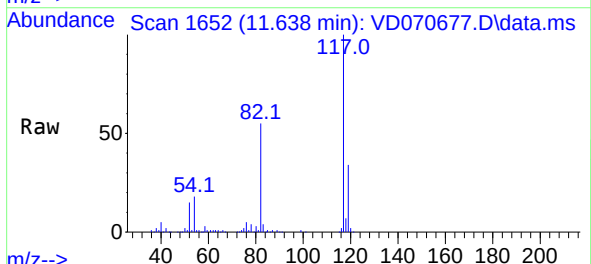
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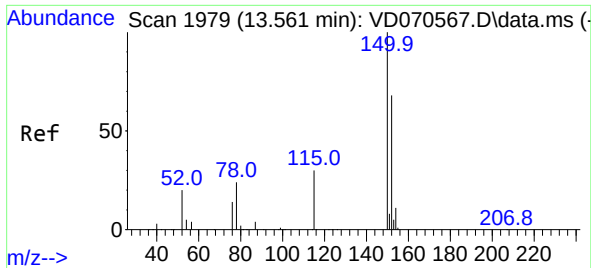
Tgt Ion: 95 Resp: 296755
Ion Ratio Lower Upper
95 100
174 73.9 0.0 138.0
176 70.9 0.0 135.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070677.D
Acq: 12 Oct 2021 14:10

Tgt Ion: 117 Resp: 697076
Ion Ratio Lower Upper
117 100
82 55.3 45.4 68.2
119 33.6 24.7 37.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VD070677.D
 Acq: 12 Oct 2021 14:10

Instrument :
 MSVOA_D
 ClientSampleId :
 T3-4-BOTTOM-GRAB

Tgt Ion:152 Resp: 284756
 Ion Ratio Lower Upper
 152 100
 115 63.7 31.9 95.7
 150 155.7 0.0 350.0

