

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101221\
 Data File : VD070680.D
 Acq On : 12 Oct 2021 15:35
 Operator : VA/SY
 Sample : M4159-19
 Misc : 5.75G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T10-4-BOTTOM-GRAB

Quant Time: Oct 13 06:37:01 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)

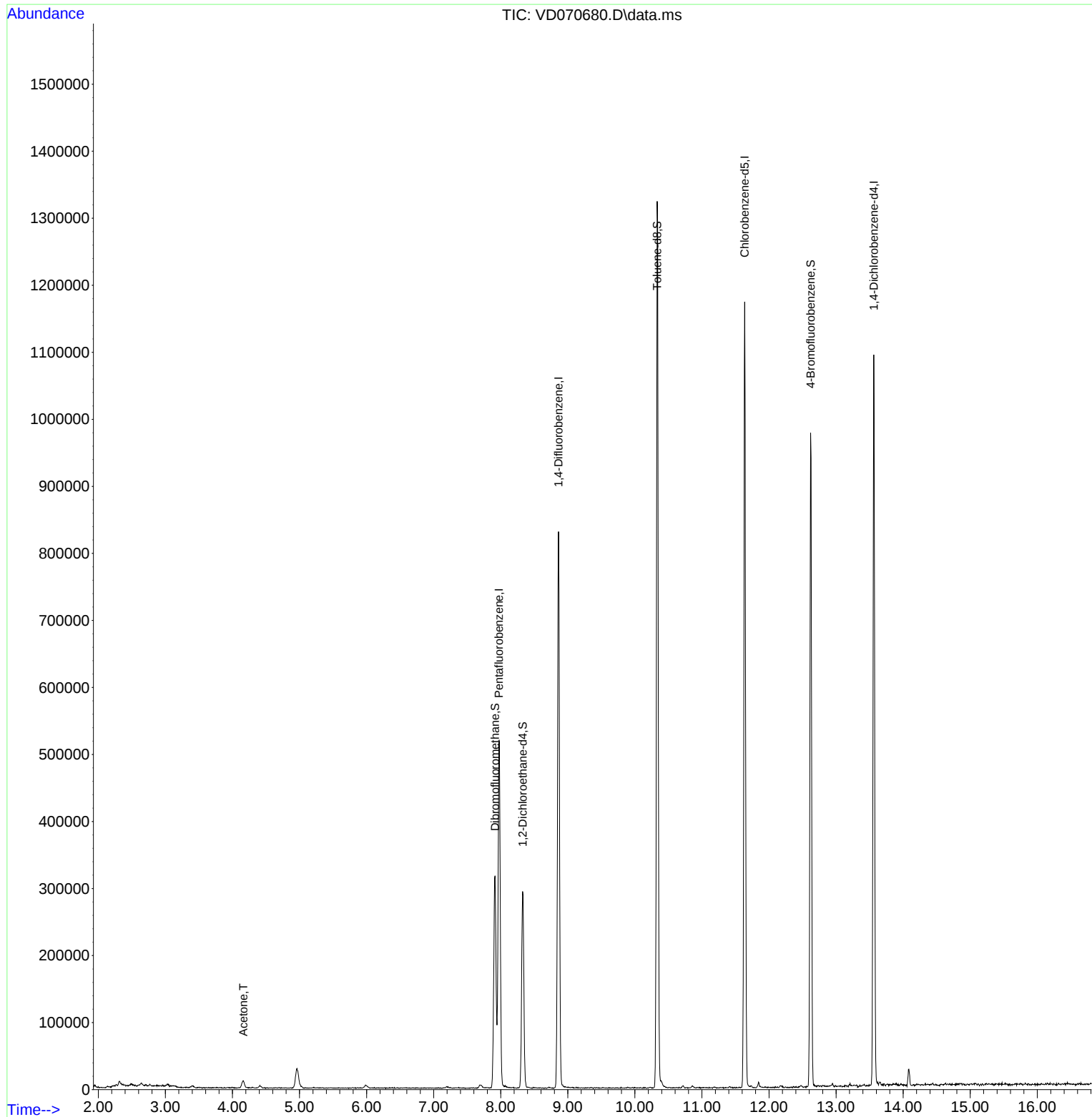
Internal Standards						
1) Pentafluorobenzene	7.973	168	368345	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	732160	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	700771	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	292398	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	239805	55.32	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.64%
35) Dibromofluoromethane	7.914	113	239478	49.20	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.40%
50) Toluene-d8	10.332	98	933120	50.14	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.28%
62) 4-Bromofluorobenzene	12.620	95	308346	49.58	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.16%
Target Compounds						
16) Acetone	4.162	43	19273	26.18	ug/l	Qvalue 96

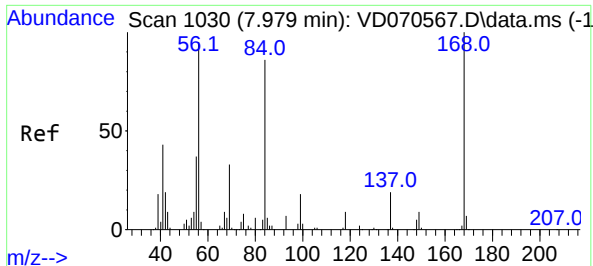
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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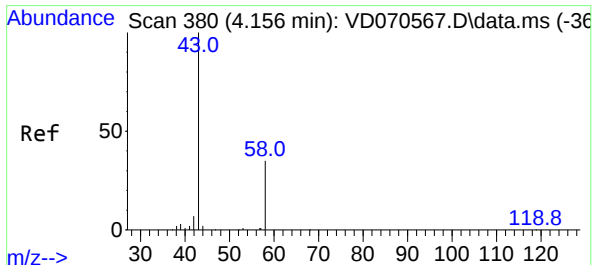
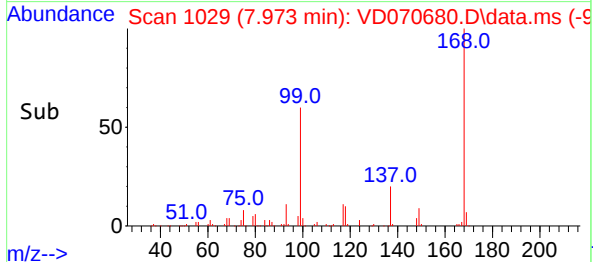
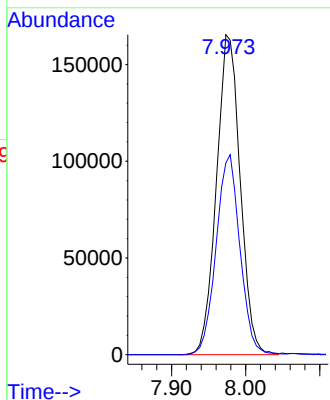
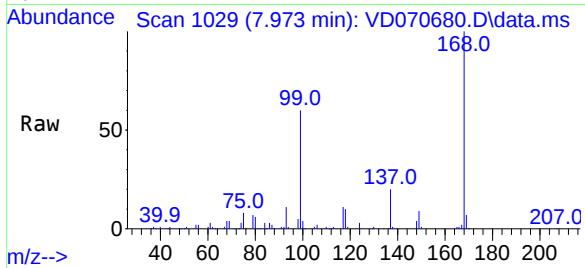




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070680.D
Acq: 12 Oct 2021 15:35

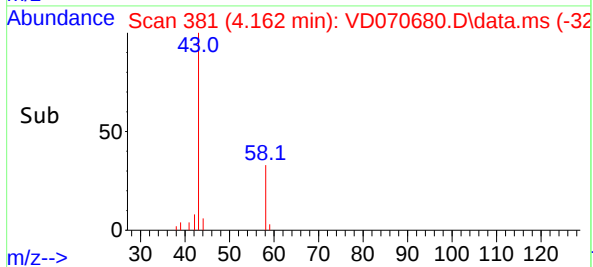
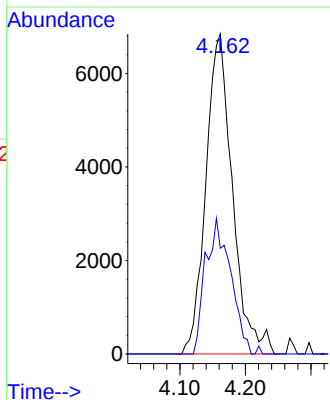
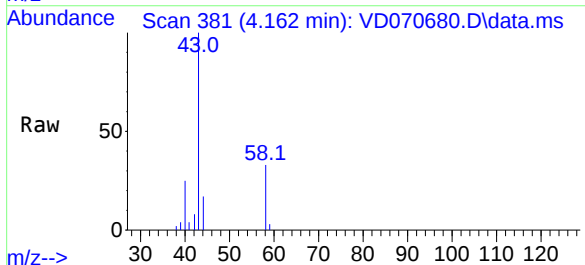
Instrument :
MSVOA_D
ClientSampleId :
T10-4-BOTTOM-GRAB

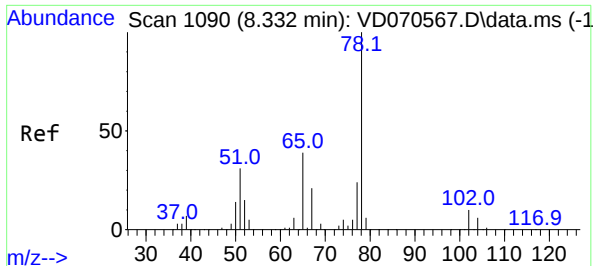
Tgt Ion:168 Resp: 368345
Ion Ratio Lower Upper
168 100
99 59.9 51.4 77.0



#16
Acetone
Concen: 26.18 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070680.D
Acq: 12 Oct 2021 15:35

Tgt Ion: 43 Resp: 19273
Ion Ratio Lower Upper
43 100
58 33.0 28.2 42.2

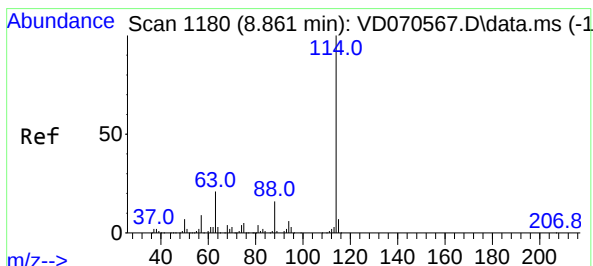
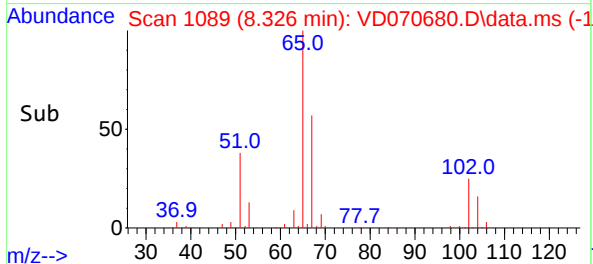
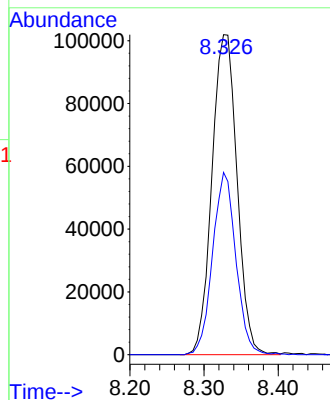
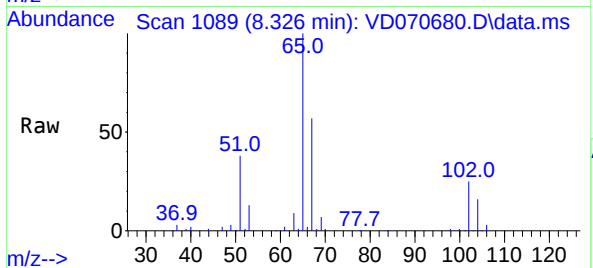




#33
1,2-Dichloroethane-d4
Concen: 55.32 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070680.D
Acq: 12 Oct 2021 15:35

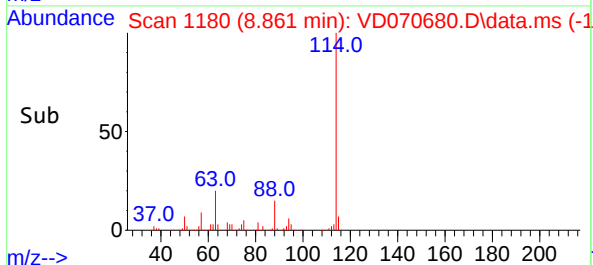
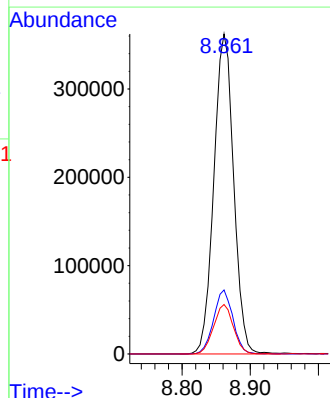
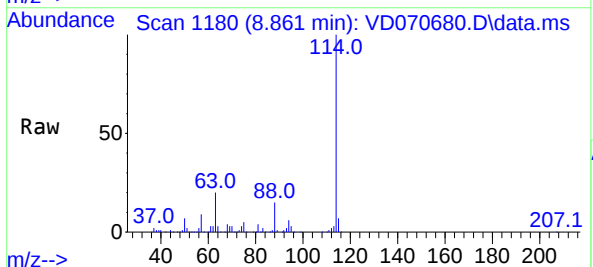
Instrument :
MSVOA_D
ClientSampleId :
T10-4-BOTTOM-GRAB

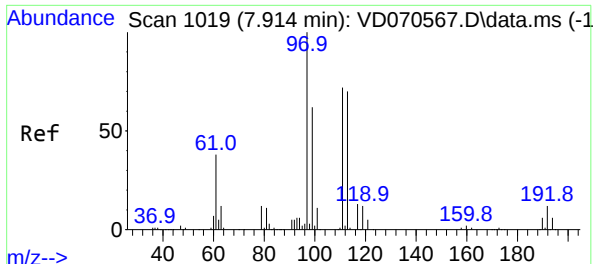
Tgt Ion: 65 Resp: 239805
Ion Ratio Lower Upper
65 100
67 52.9 0.0 110.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070680.D
Acq: 12 Oct 2021 15:35

Tgt Ion:114 Resp: 732160
Ion Ratio Lower Upper
114 100
63 20.0 0.0 41.8
88 15.5 0.0 32.6

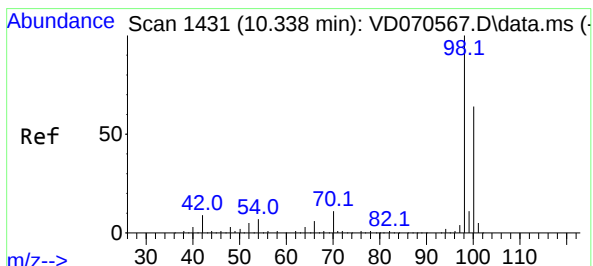
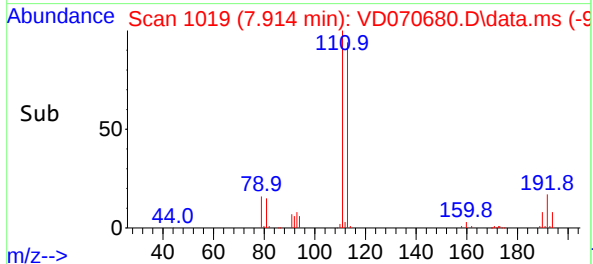
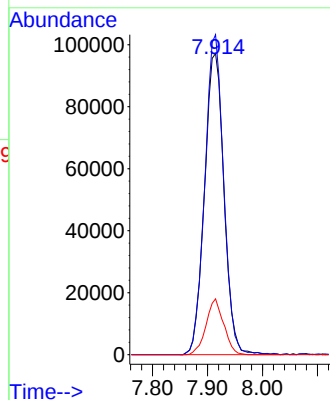
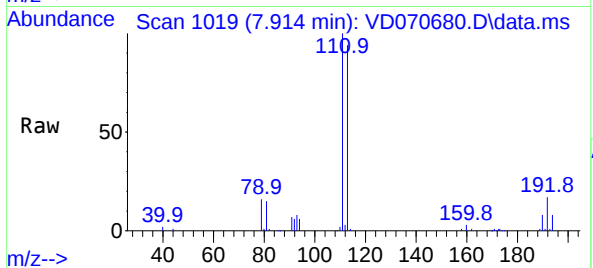




#35
Dibromofluoromethane
Concen: 49.20 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070680.D
Acq: 12 Oct 2021 15:35

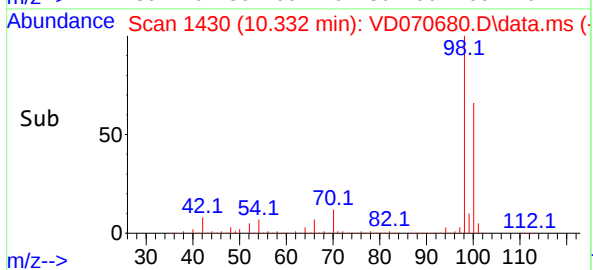
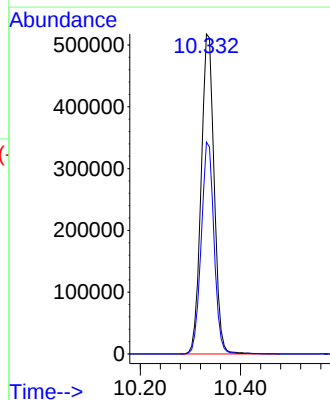
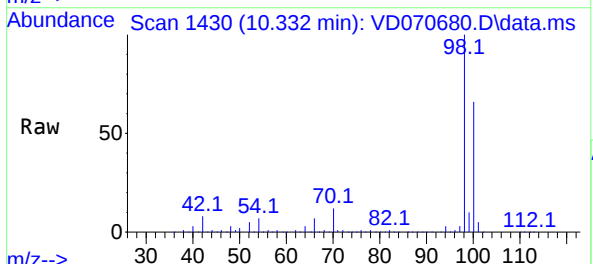
Instrument :
MSVOA_D
ClientSampleId :
T10-4-BOTTOM-GRAB

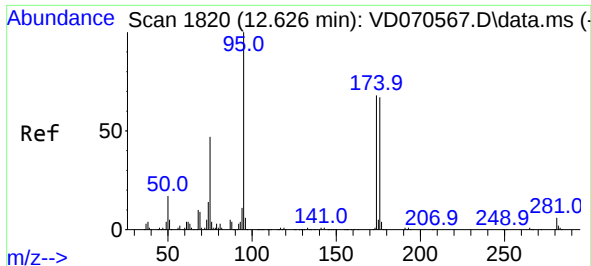
Tgt Ion:113 Resp: 239478
Ion Ratio Lower Upper
113 100
111 102.8 83.1 124.7
192 16.8 12.7 19.1



#50
Toluene-d8
Concen: 50.14 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070680.D
Acq: 12 Oct 2021 15:35

Tgt Ion: 98 Resp: 933120
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.4

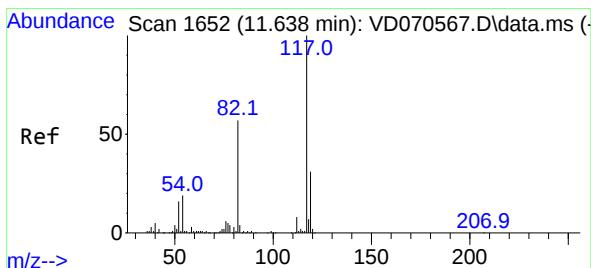
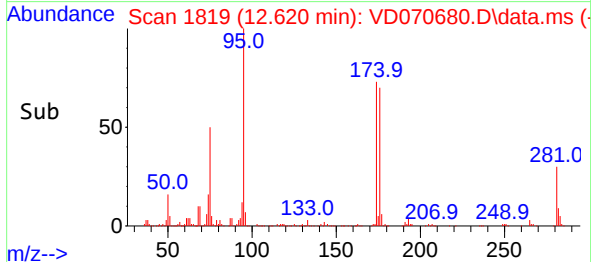
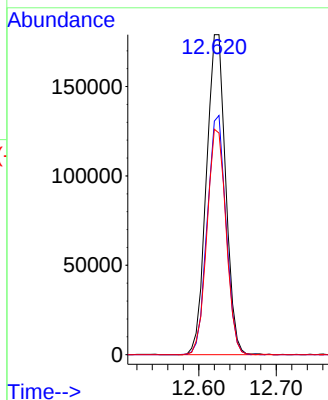
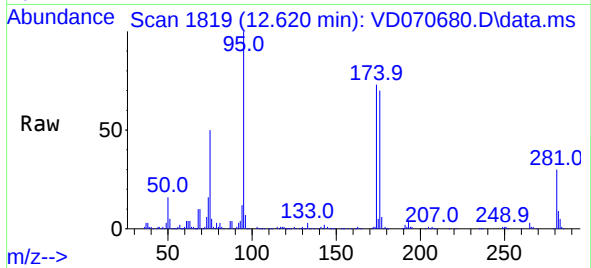




#62
4-Bromofluorobenzene
Concen: 49.58 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070680.D
Acq: 12 Oct 2021 15:35

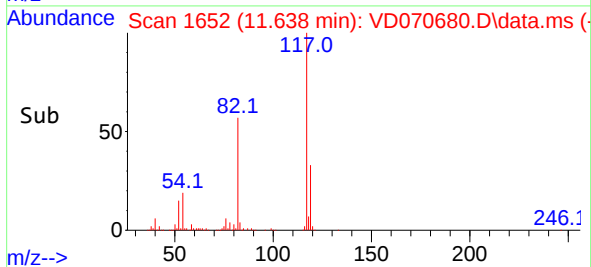
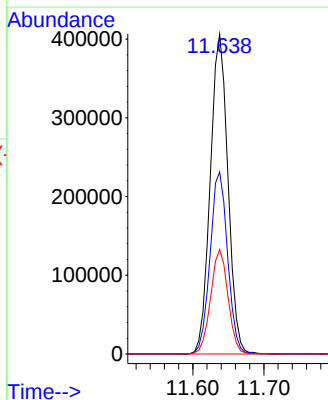
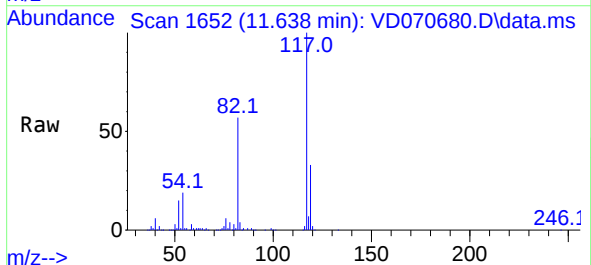
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ClientSampleId :
T10-4-BOTTOM-GRAB

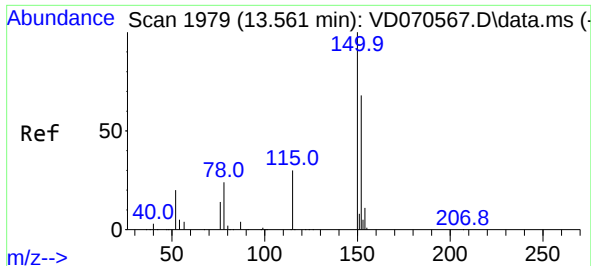
Tgt Ion: 95 Resp: 308346
Ion Ratio Lower Upper
95 100
174 72.7 0.0 138.0
176 69.7 0.0 135.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070680.D
Acq: 12 Oct 2021 15:35

Tgt Ion:117 Resp: 700771
Ion Ratio Lower Upper
117 100
82 56.9 45.4 68.2
119 32.6 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: VD070680.D
 Acq: 12 Oct 2021 15:35

Instrument :
 MSVOA_D
 ClientSampleId :
 T10-4-BOTTOM-GRAB

Tgt Ion:152 Resp: 292398

Ion	Ratio	Lower	Upper
152	100		
115	64.2	31.9	95.7
150	160.3	0.0	350.0

