

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100721\
 Data File : VD070625.D
 Acq On : 07 Oct 2021 19:06
 Operator : VA/SY
 Sample : M4117-08
 Misc : 4.48G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-3(3.0-3.5)

Quant Time: Oct 08 04:54:54 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)

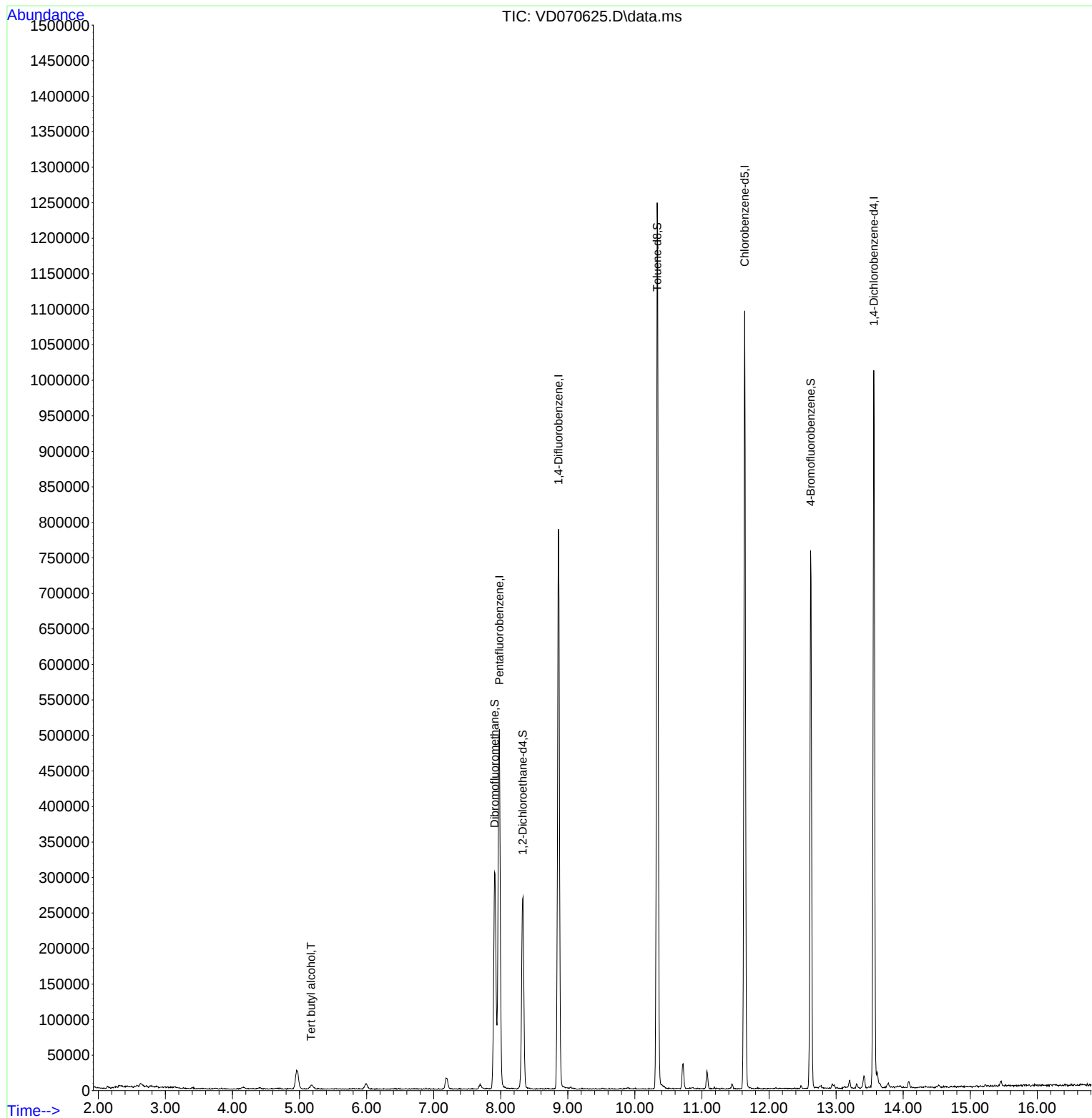
Internal Standards						
1) Pentafluorobenzene	7.979	168	363014	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	675987	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	652930	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	269999	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	219080	51.28	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.56%
35) Dibromofluoromethane	7.908	113	228422	50.82	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.64%
50) Toluene-d8	10.332	98	882223	51.35	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.70%
62) 4-Bromofluorobenzene	12.620	95	260431	45.35	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.70%
Target Compounds						
11) Tert butyl alcohol	5.173	59	5338	25.22	ug/l	Qvalue # 83

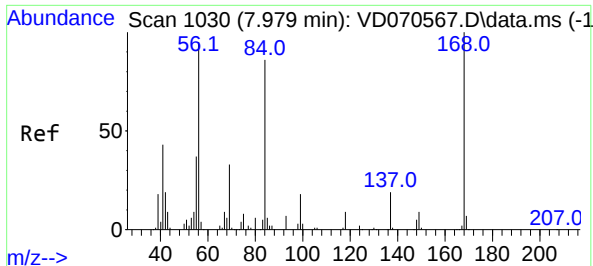
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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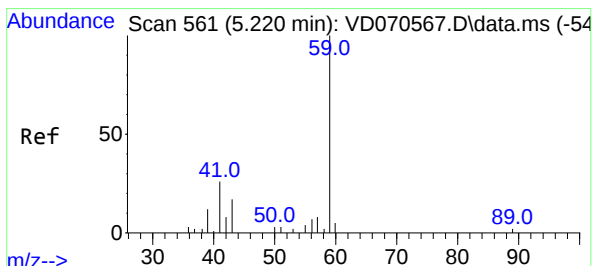
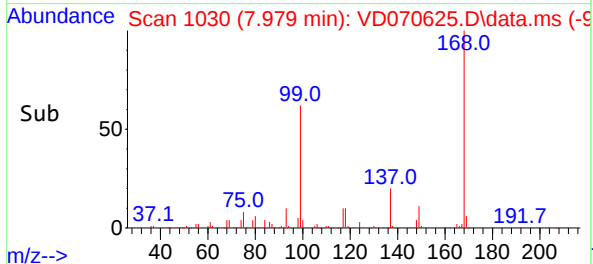
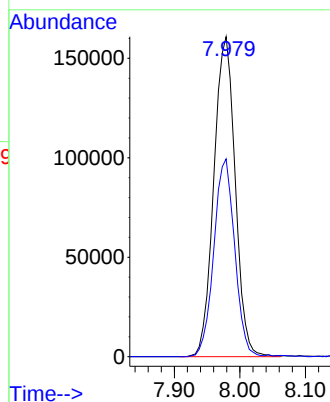
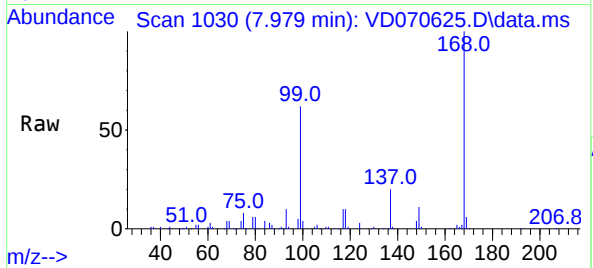




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070625.D
Acq: 07 Oct 2021 19:06

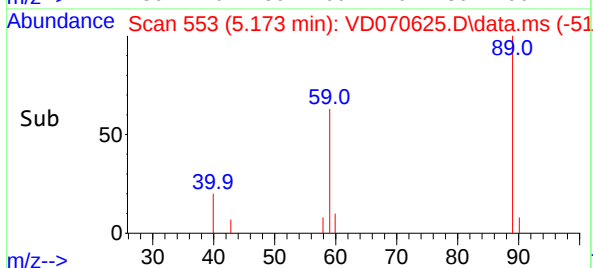
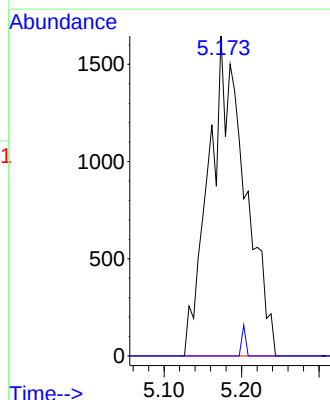
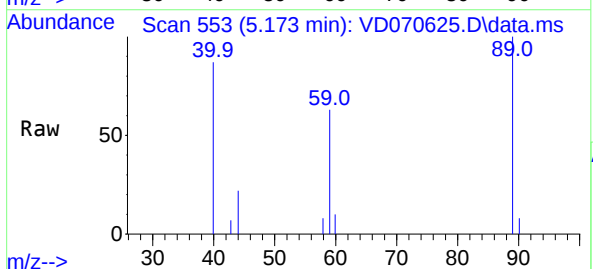
Instrument :
MSVOA_D
ClientSampleId :
SB-3(3.0-3.5)

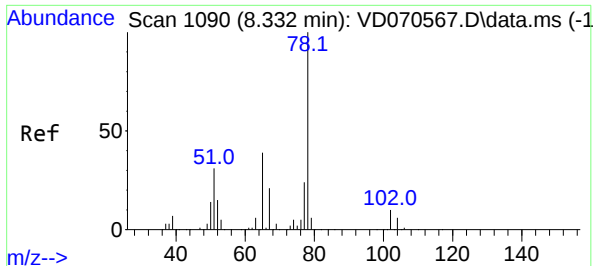
Tgt Ion:168 Resp: 363014
Ion Ratio Lower Upper
168 100
99 61.8 51.4 77.0



#11
Tert butyl alcohol
Concen: 25.22 ug/l
RT: 5.173 min Scan# 553
Delta R.T. -0.047 min
Lab File: VD070625.D
Acq: 07 Oct 2021 19:06

Tgt Ion: 59 Resp: 5338
Ion Ratio Lower Upper
59 100
57 0.0 4.5 6.7#

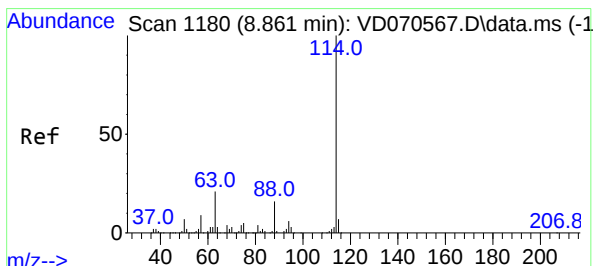
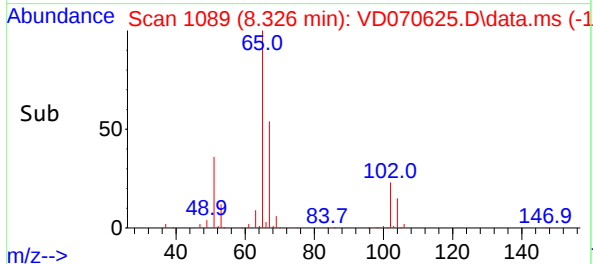
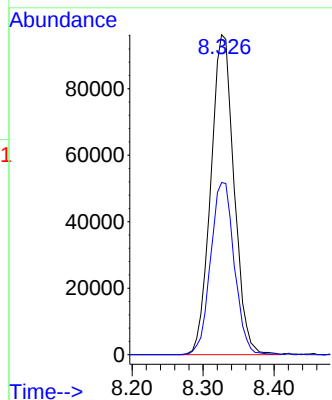
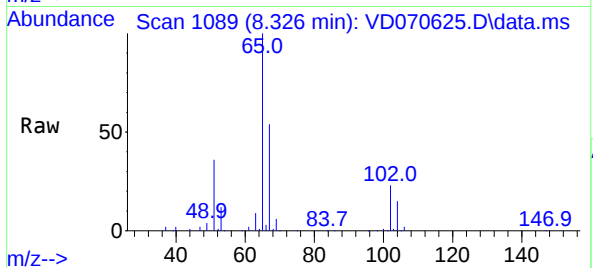




#33
1,2-Dichloroethane-d4
Concen: 51.28 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070625.D
Acq: 07 Oct 2021 19:06

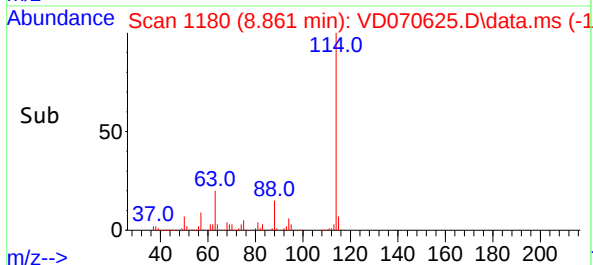
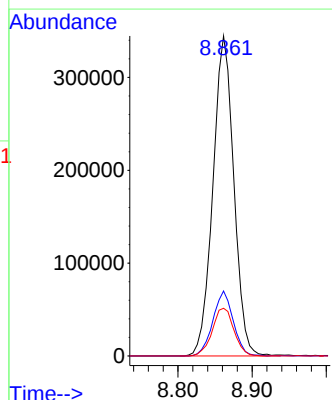
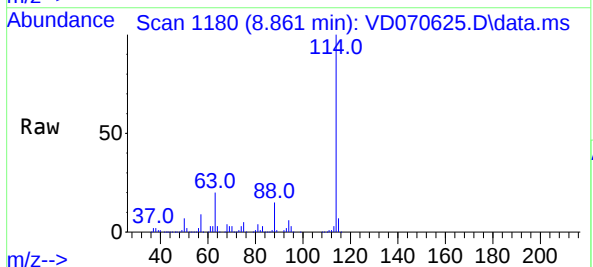
Instrument :
MSVOA_D
ClientSampleId :
SB-3(3.0-3.5)

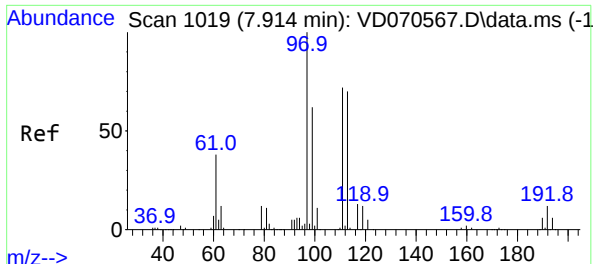
Tgt Ion: 65 Resp: 219080
Ion Ratio Lower Upper
65 100
67 54.7 0.0 110.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070625.D
Acq: 07 Oct 2021 19:06

Tgt Ion:114 Resp: 675987
Ion Ratio Lower Upper
114 100
63 20.3 0.0 41.8
88 14.9 0.0 32.6

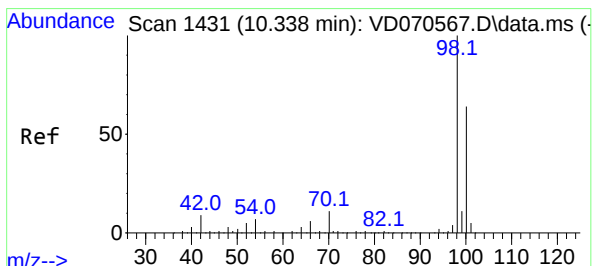
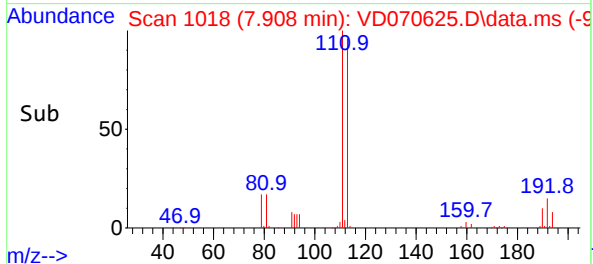
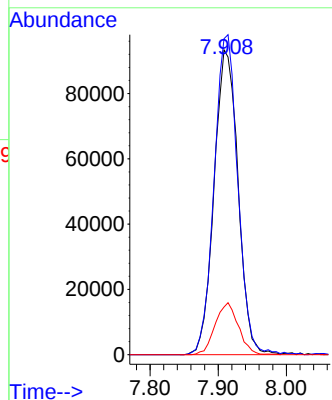
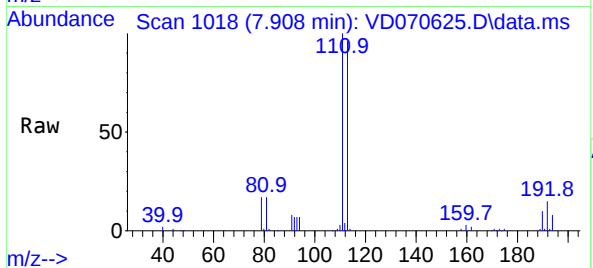




#35
Dibromofluoromethane
Concen: 50.82 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070625.D
Acq: 07 Oct 2021 19:06

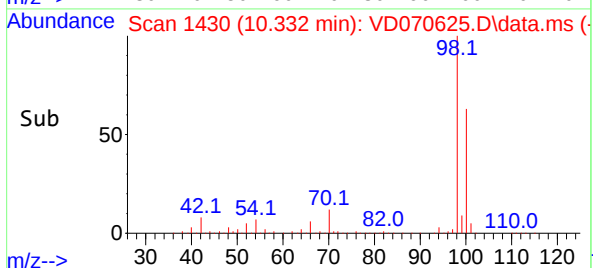
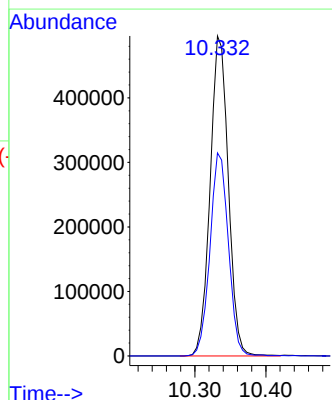
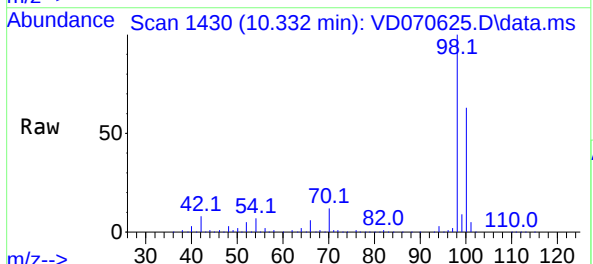
Instrument :
MSVOA_D
ClientSampleId :
SB-3(3.0-3.5)

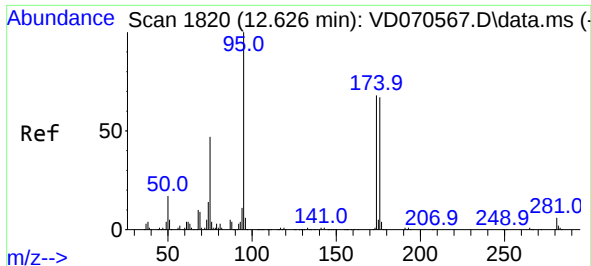
Tgt Ion:113 Resp: 228422
Ion Ratio Lower Upper
113 100
111 103.8 83.1 124.7
192 16.5 12.7 19.1



#50
Toluene-d8
Concen: 51.35 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070625.D
Acq: 07 Oct 2021 19:06

Tgt Ion: 98 Resp: 882223
Ion Ratio Lower Upper
98 100
100 64.2 52.2 78.4



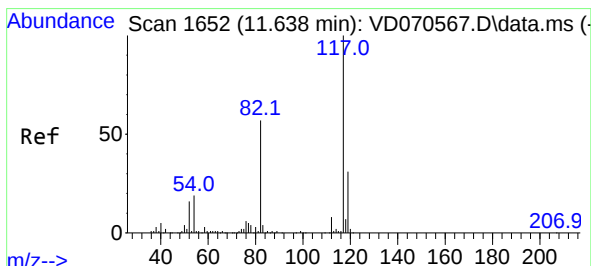
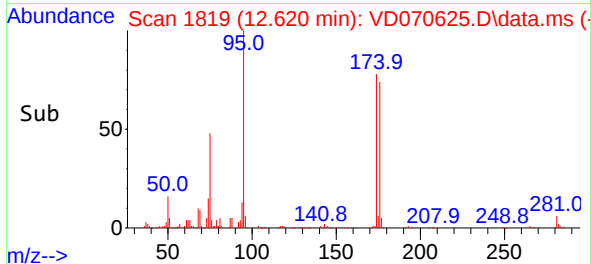
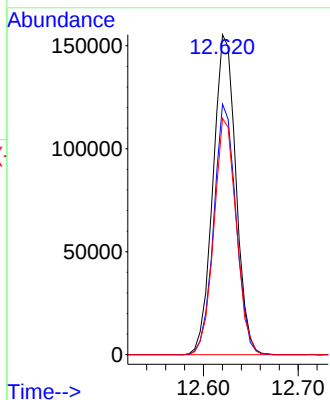
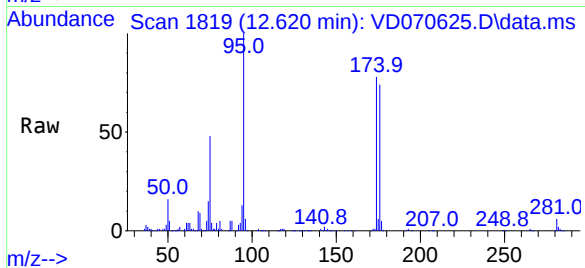


#62
4-Bromofluorobenzene
Concen: 45.35 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070625.D
Acq: 07 Oct 2021 19:06

Instrument :
MSVOA_D
ClientSampleId :
SB-3(3.0-3.5)

Tgt Ion: 95 Resp: 260431

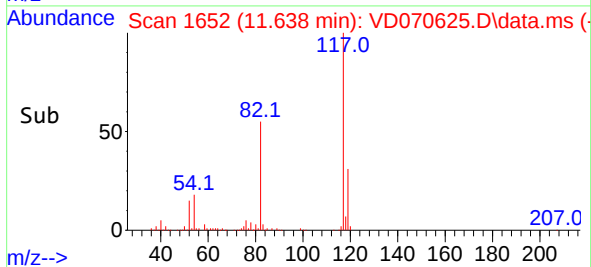
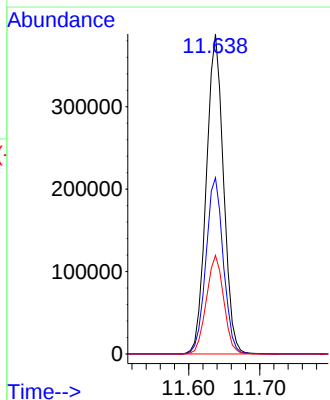
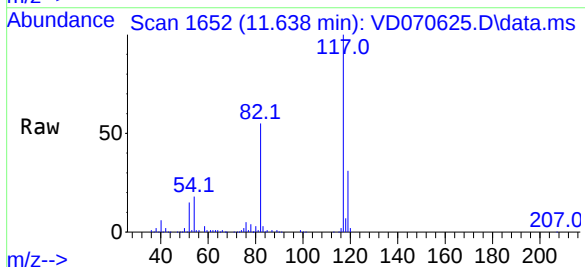
Ion	Ratio	Lower	Upper
95	100		
174	76.1	0.0	138.0
176	72.4	0.0	135.6

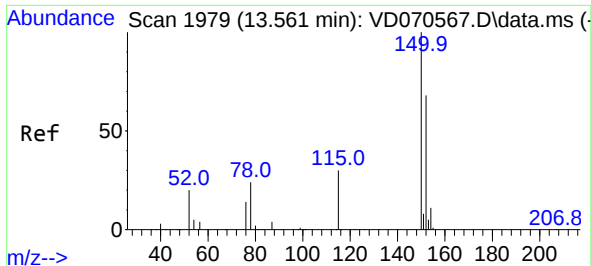


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070625.D
Acq: 07 Oct 2021 19:06

Tgt Ion: 117 Resp: 652930

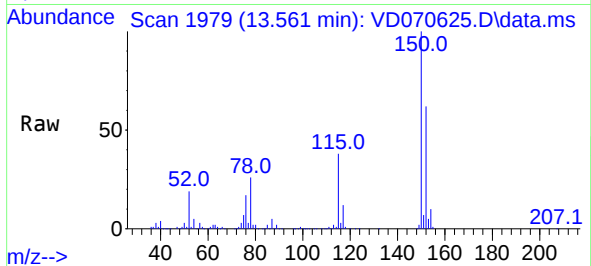
Ion	Ratio	Lower	Upper
117	100		
82	55.1	45.4	68.2
119	30.8	24.7	37.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD070625.D
Acq: 07 Oct 2021 19:06

Instrument :
MSVOA_D
ClientSampleId :
SB-3(3.0-3.5)



Tgt Ion:152 Resp: 269999
Ion Ratio Lower Upper
152 100
115 62.1 31.9 95.7
150 158.8 0.0 350.0

