

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100821\
 Data File : VD070637.D
 Acq On : 08 Oct 2021 14:25
 Operator : VA/SY
 Sample : M4113-07
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4

Quant Time: Oct 11 02:22:59 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	369901	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	704471	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	648736	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	262290	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	203867	46.831	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.660%
35) Dibromofluoromethane	7.914	113	228415	48.768	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.540%
50) Toluene-d8	10.332	98	903644	50.468	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.940%
62) 4-Bromofluorobenzene	12.626	95	258424	43.183	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.360%

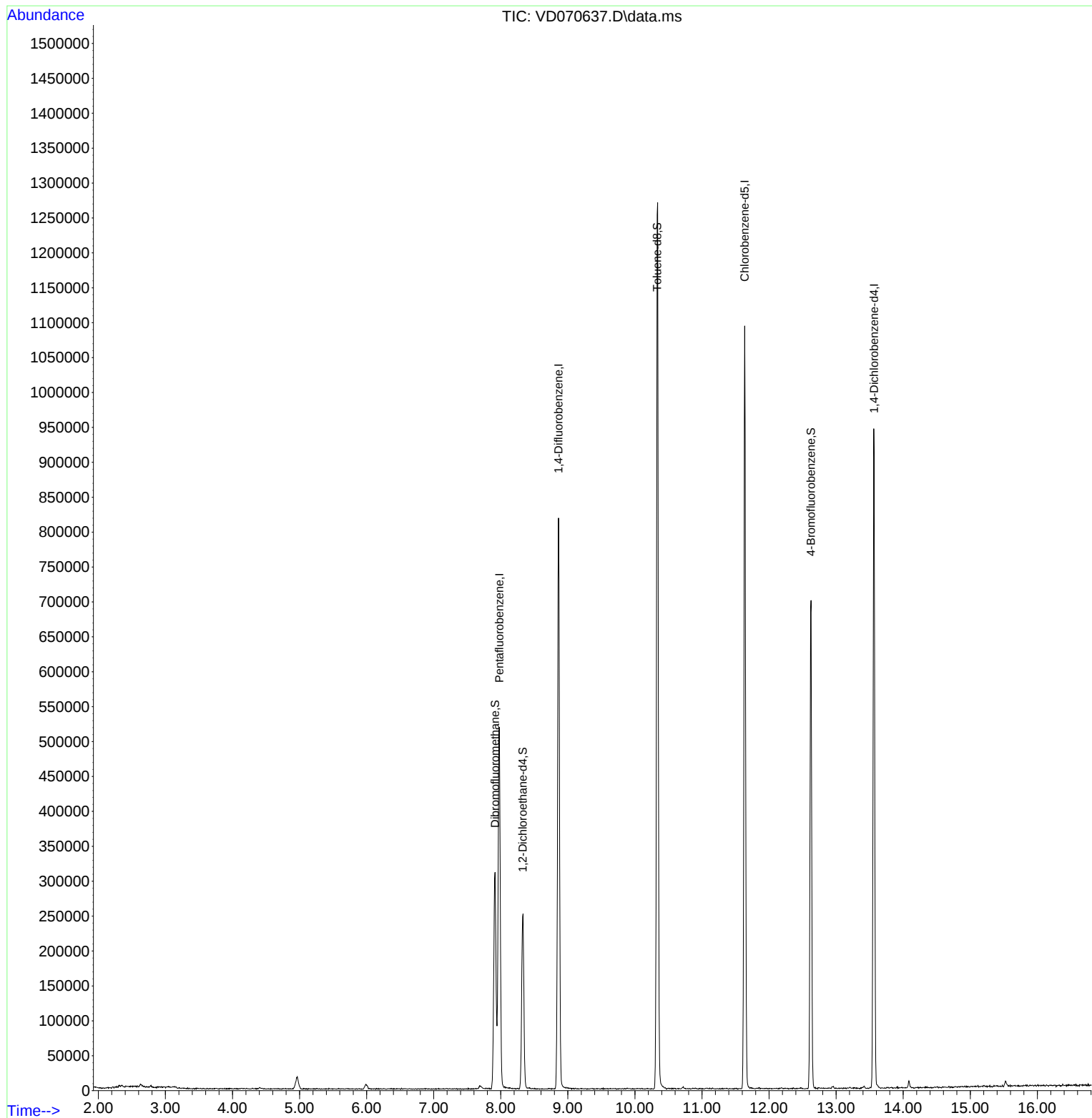
Target Compounds	Qvalue

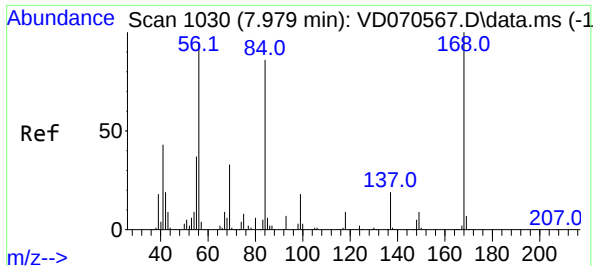
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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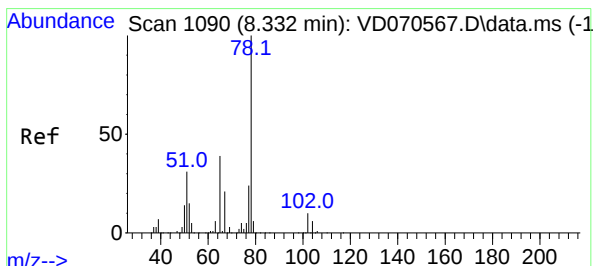
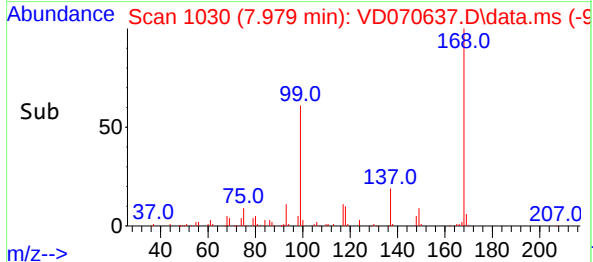
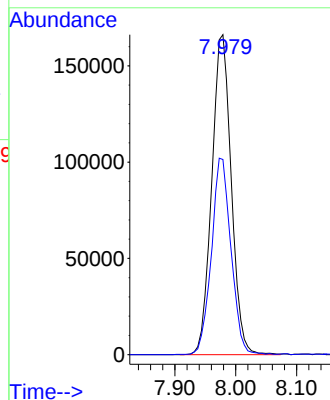
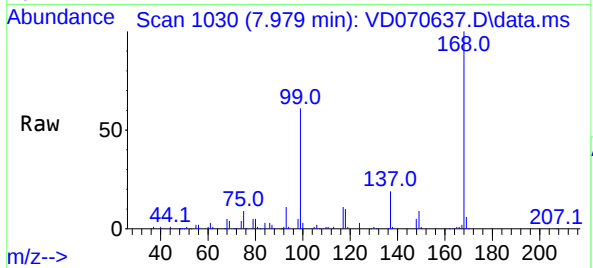




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070637.D
Acq: 08 Oct 2021 14:25

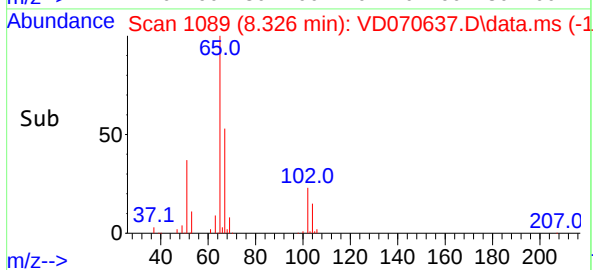
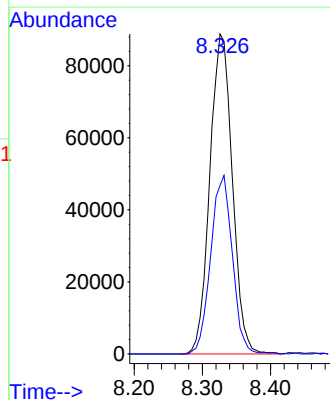
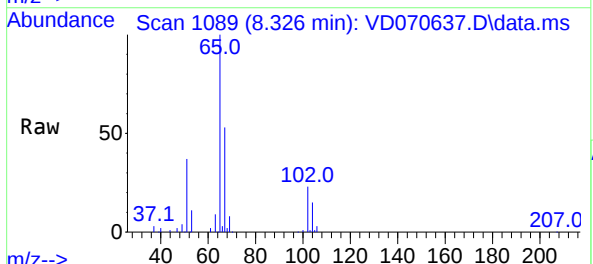
Instrument :
MSVOA_D
ClientSampleId :
TP-4

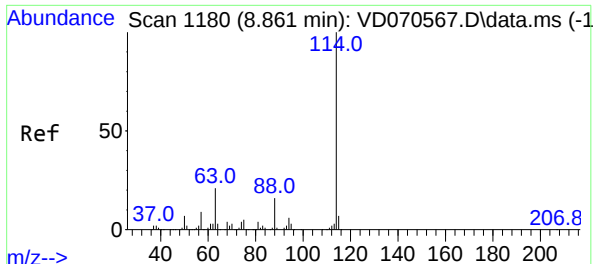
Tgt Ion:168 Resp: 369901
Ion Ratio Lower Upper
168 100
99 60.9 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 46.831 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070637.D
Acq: 08 Oct 2021 14:25

Tgt Ion: 65 Resp: 203867
Ion Ratio Lower Upper
65 100
67 53.6 0.0 110.2



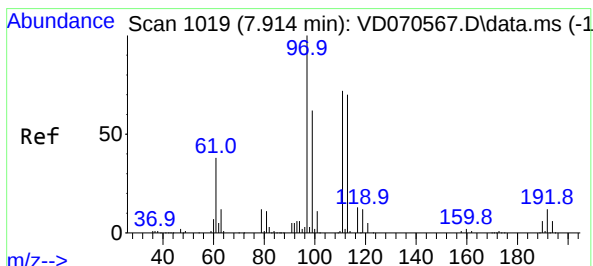
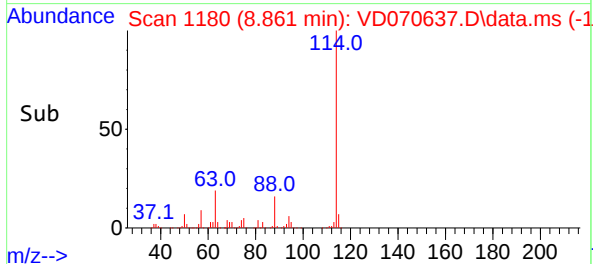
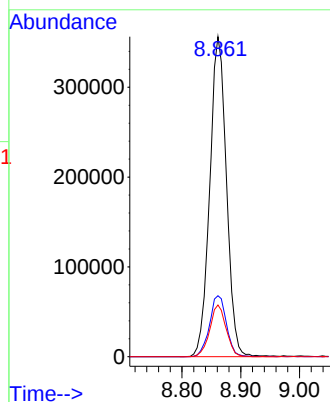
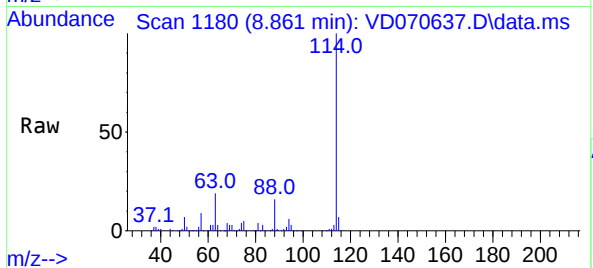


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070637.D
Acq: 08 Oct 2021 14:25

Instrument :
MSVOA_D
ClientSampled :
TP-4

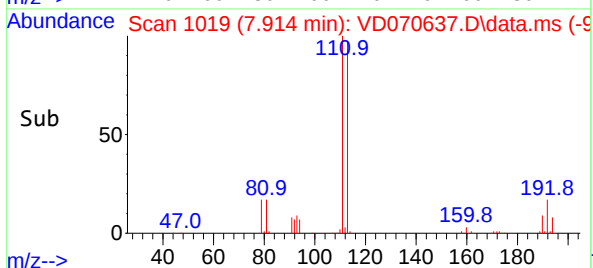
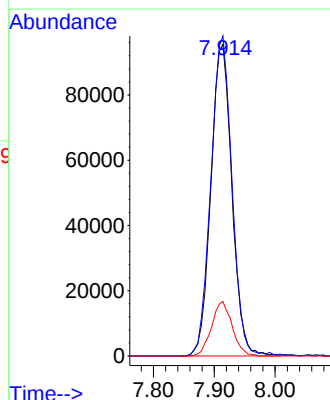
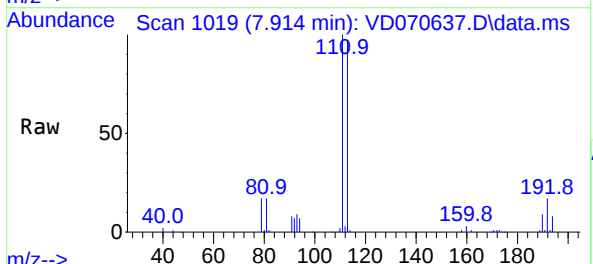
Tgt Ion:114 Resp: 704471
Ion Ratio Lower Upper
114 100
63 19.1 0.0 41.8
88 16.2 0.0 32.6

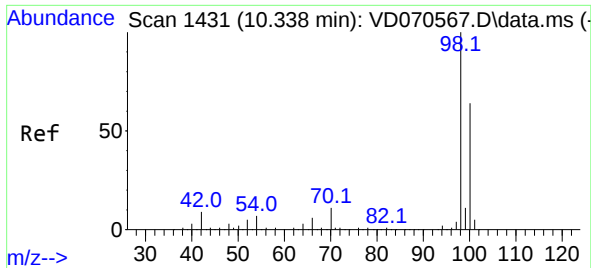


#35

Dibromofluoromethane
Concen: 48.768 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070637.D
Acq: 08 Oct 2021 14:25

Tgt Ion:113 Resp: 228415
Ion Ratio Lower Upper
113 100
111 102.9 83.1 124.7
192 17.2 12.7 19.1

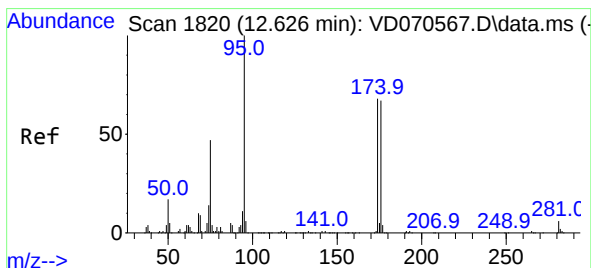
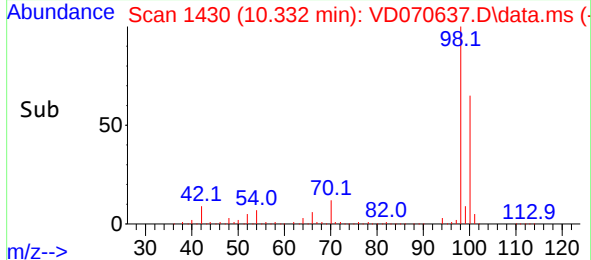
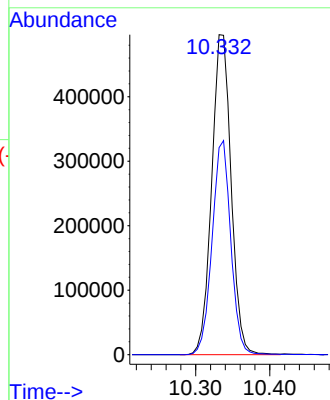
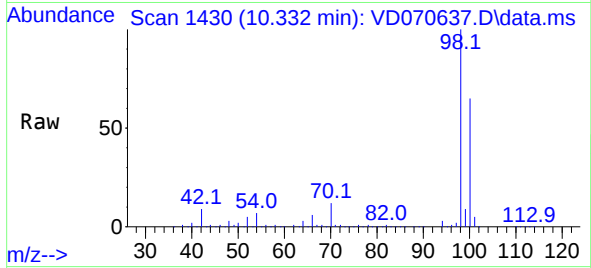




#50
Toluene-d8
Concen: 50.468 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070637.D
Acq: 08 Oct 2021 14:25

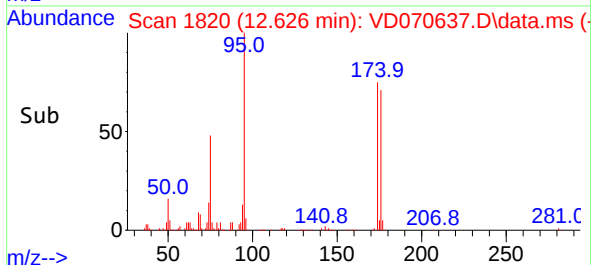
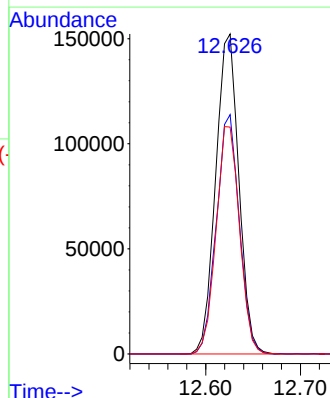
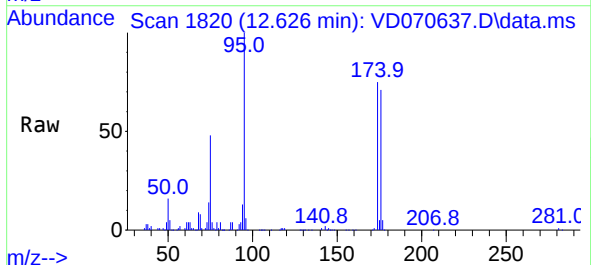
Instrument :
MSVOA_D
ClientSampled :
TP-4

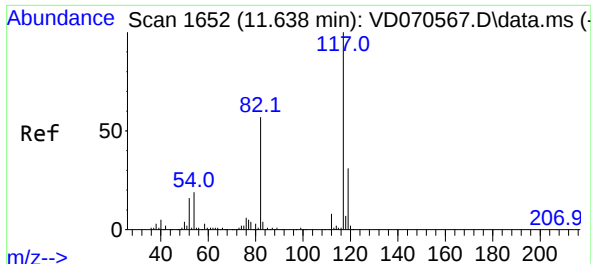
Tgt Ion: 98 Resp: 903644
Ion Ratio Lower Upper
98 100
100 64.4 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 43.183 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070637.D
Acq: 08 Oct 2021 14:25

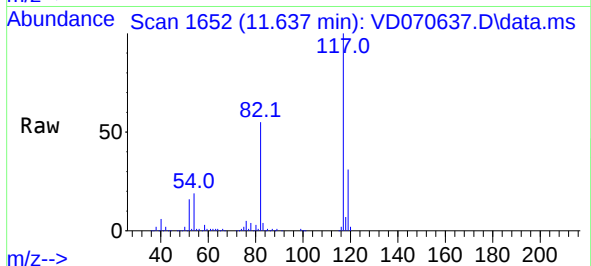
Tgt Ion: 95 Resp: 258424
Ion Ratio Lower Upper
95 100
174 74.2 0.0 138.0
176 71.7 0.0 135.6



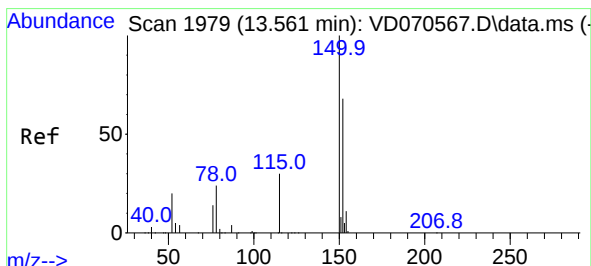
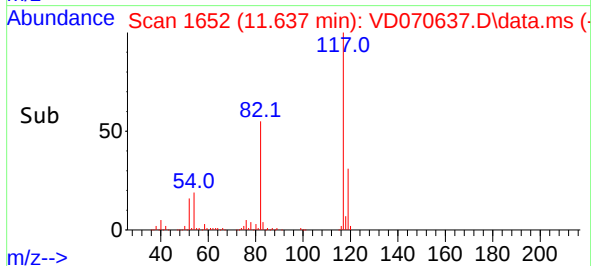
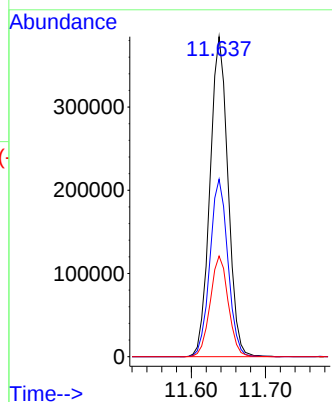


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070637.D
Acq: 08 Oct 2021 14:25

Instrument :
MSVOA_D
ClientSampleId :
TP-4



Tgt Ion:117 Resp: 648736
Ion Ratio Lower Upper
117 100
82 55.4 45.4 68.2
119 31.5 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD070637.D
Acq: 08 Oct 2021 14:25

Tgt Ion:152 Resp: 262290
Ion Ratio Lower Upper
152 100
115 60.3 31.9 95.7
150 155.3 0.0 350.0

