

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100721\
 Data File : VD070614.D
 Acq On : 07 Oct 2021 13:53
 Operator : VA/SY
 Sample : M4107-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-01-100621

Quant Time: Oct 08 04:51:40 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	322725	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	604751	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	563910	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	215032	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	184314	48.53	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.06%
35) Dibromofluoromethane	7.914	113	207612	51.64	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.28%
50) Toluene-d8	10.337	98	782331	50.90	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.80%
62) 4-Bromofluorobenzene	12.626	95	217661	42.37	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.74%

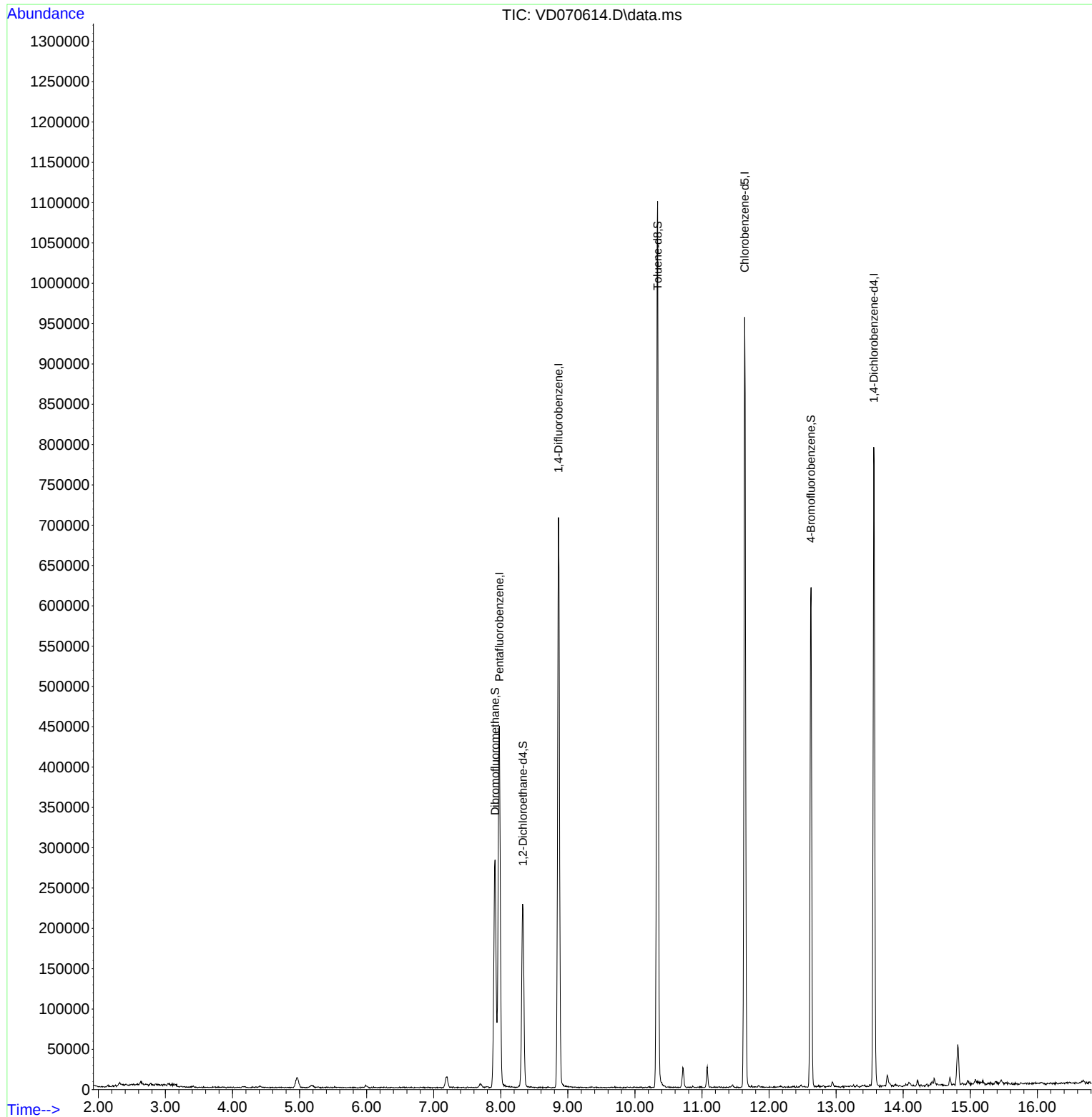
Target Compounds	Qvalue

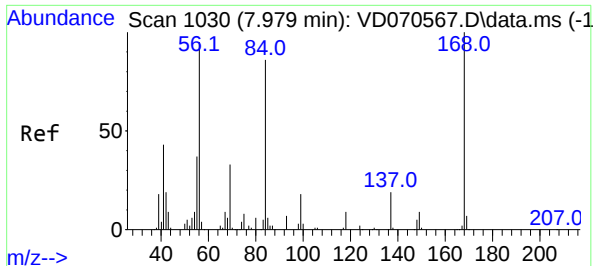
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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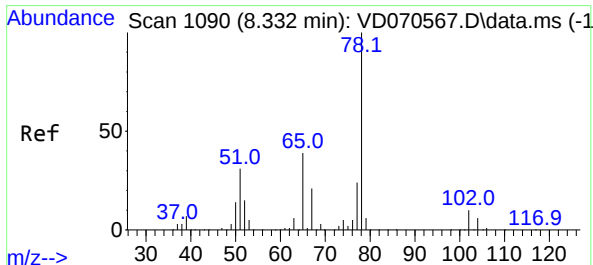
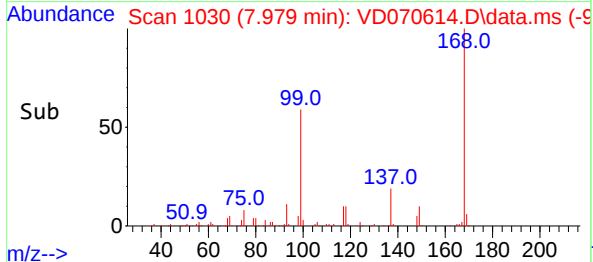
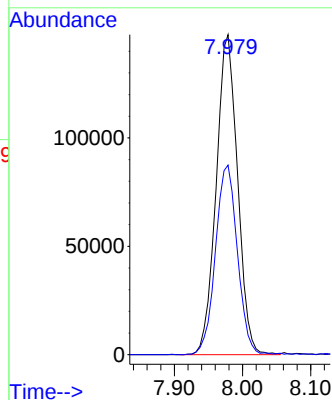
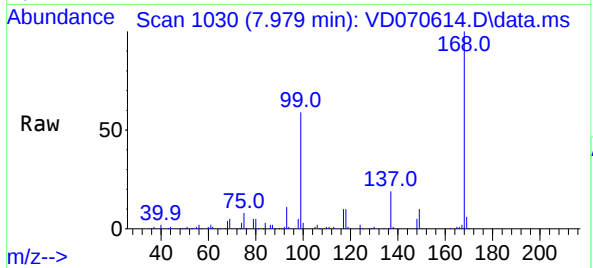




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070614.D
Acq: 07 Oct 2021 13:53

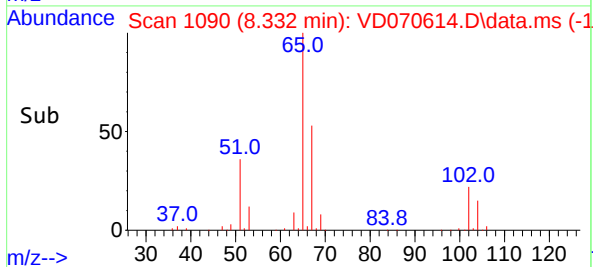
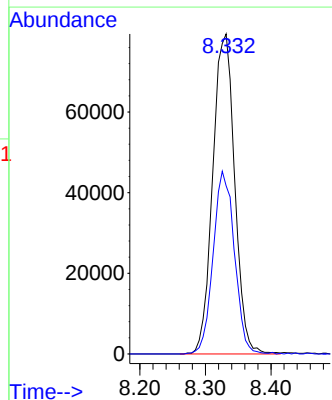
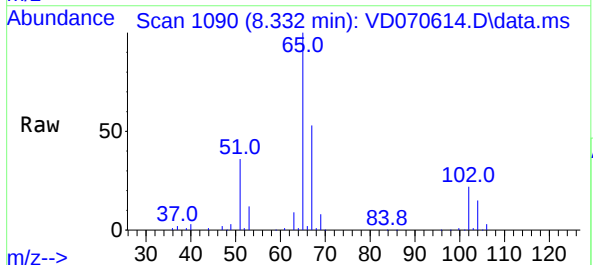
Instrument :
MSVOA_D
ClientSampleId :
OK-01-100621

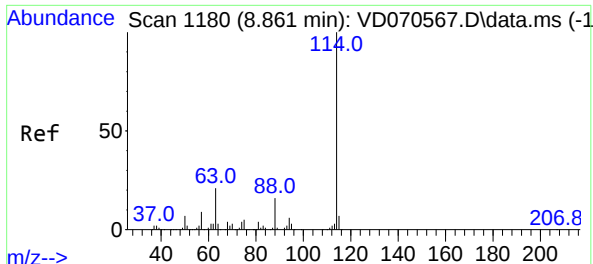
Tgt Ion:168 Resp: 322725
Ion Ratio Lower Upper
168 100
99 59.2 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 48.53 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD070614.D
Acq: 07 Oct 2021 13:53

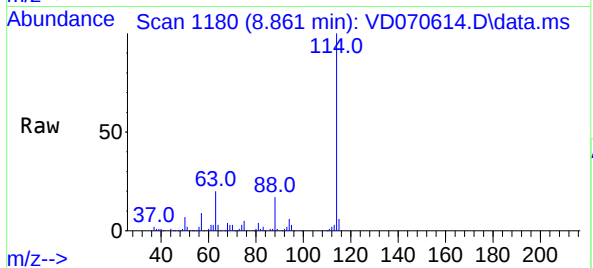
Tgt Ion: 65 Resp: 184314
Ion Ratio Lower Upper
65 100
67 55.3 0.0 110.2



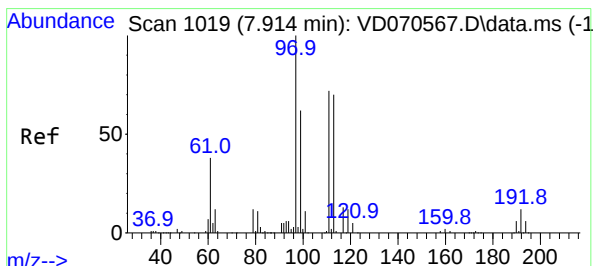
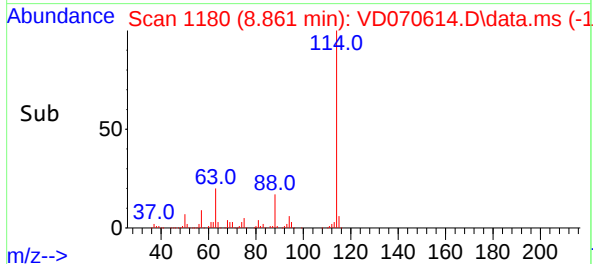
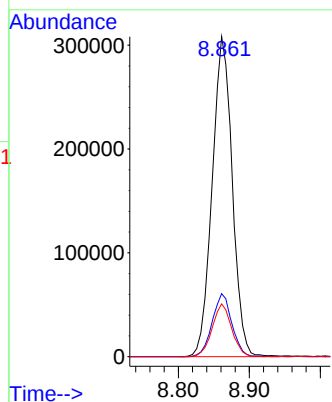


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070614.D
Acq: 07 Oct 2021 13:53

Instrument :
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OK-01-100621

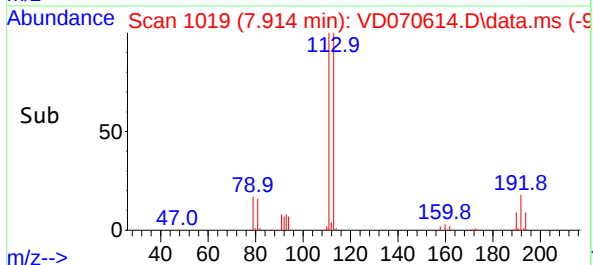
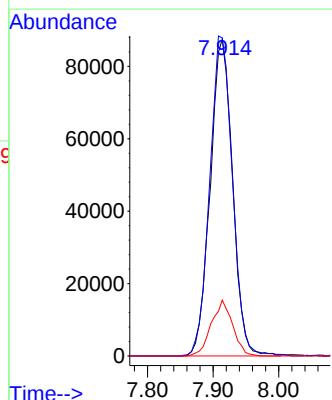
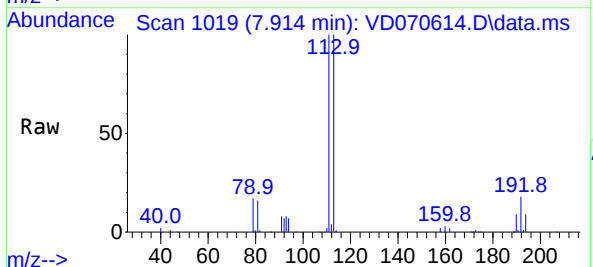


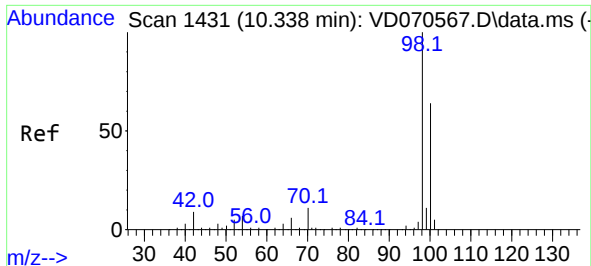
Tgt Ion:114 Resp: 604751
Ion Ratio Lower Upper
114 100
63 19.7 0.0 41.8
88 16.5 0.0 32.6



#35
Dibromofluoromethane
Concen: 51.64 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070614.D
Acq: 07 Oct 2021 13:53

Tgt Ion:113 Resp: 207612
Ion Ratio Lower Upper
113 100
111 102.5 83.1 124.7
192 16.8 12.7 19.1

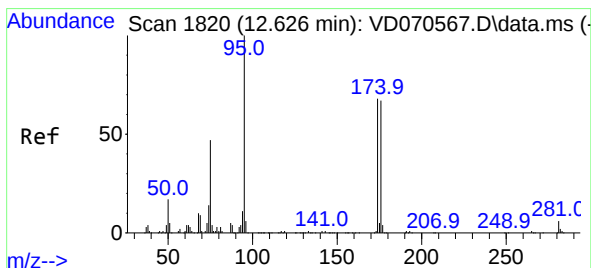
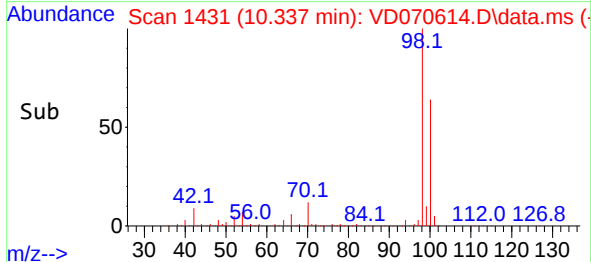
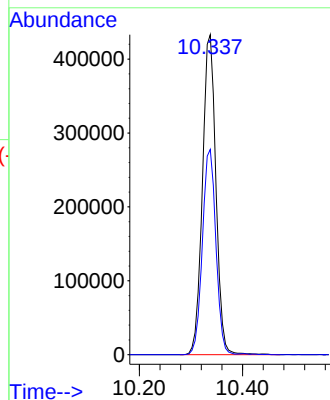
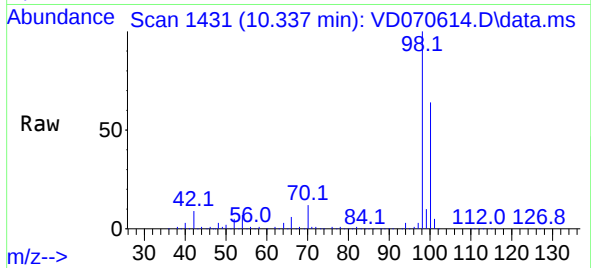




#50
Toluene-d8
Concen: 50.90 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070614.D
Acq: 07 Oct 2021 13:53

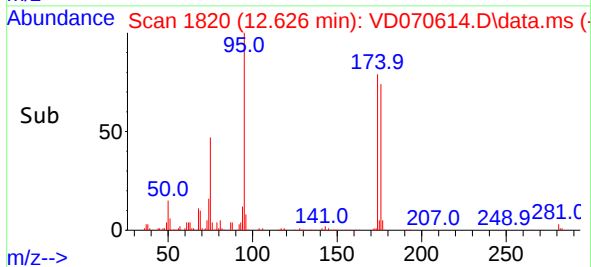
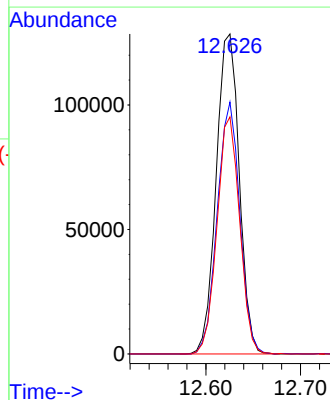
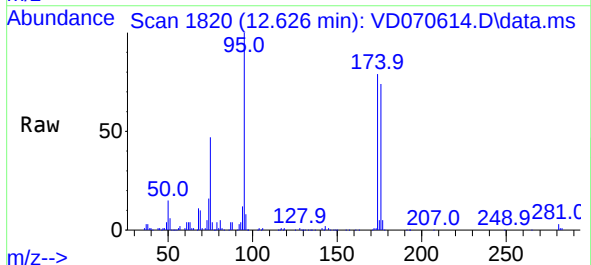
Instrument :
MSVOA_D
ClientSampleId :
OK-01-100621

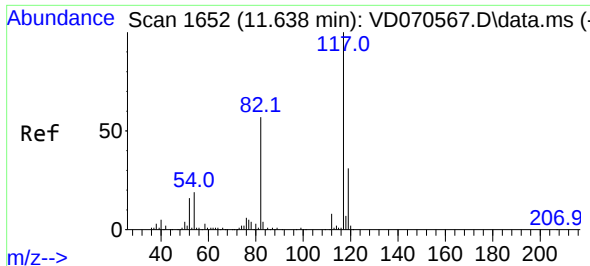
Tgt Ion: 98 Resp: 782331
Ion Ratio Lower Upper
98 100
100 64.3 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 42.37 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070614.D
Acq: 07 Oct 2021 13:53

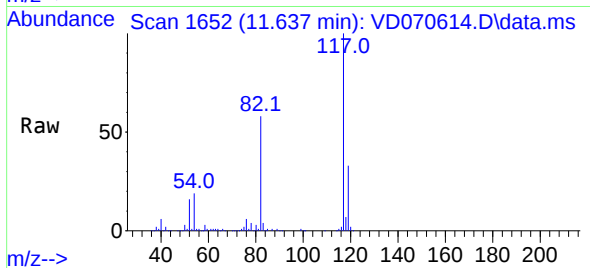
Tgt Ion: 95 Resp: 217661
Ion Ratio Lower Upper
95 100
174 77.1 0.0 138.0
176 72.6 0.0 135.6



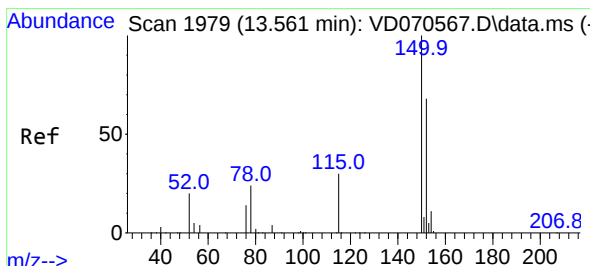
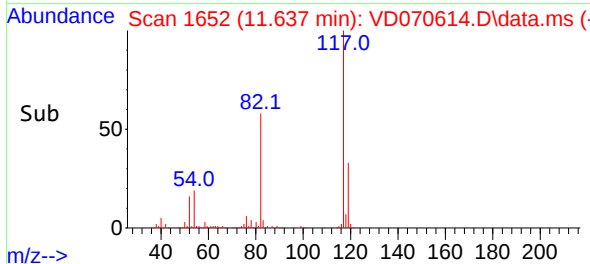
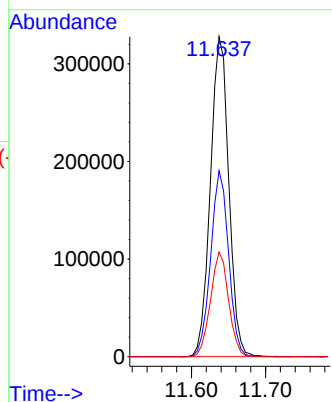


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070614.D
Acq: 07 Oct 2021 13:53

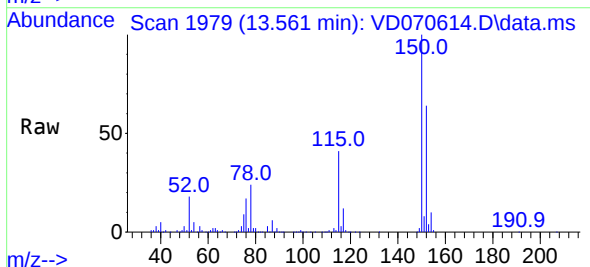
Instrument :
MSVOA_D
ClientSampleId :
OK-01-100621



Tgt Ion:117 Resp: 563910
Ion Ratio Lower Upper
117 100
82 58.1 45.4 68.2
119 32.7 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: VD070614.D
Acq: 07 Oct 2021 13:53



Tgt Ion:152 Resp: 215032
Ion Ratio Lower Upper
152 100
115 63.0 31.9 95.7
150 159.1 0.0 350.0

