

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101121\
 Data File : VD070658.D
 Acq On : 11 Oct 2021 14:16
 Operator : VA/SY
 Sample : M4136-05
 Misc : 5.18G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PSC124042

Quant Time: Oct 12 05:40:27 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	134256	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	252581	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	280934	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	127227	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	112238	71.04	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	142.08%
35) Dibromofluoromethane	7.914	113	94252	56.13	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.26%
50) Toluene-d8	10.338	98	333668	51.98	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.96%
62) 4-Bromofluorobenzene	12.626	95	129899	60.54	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	121.08%

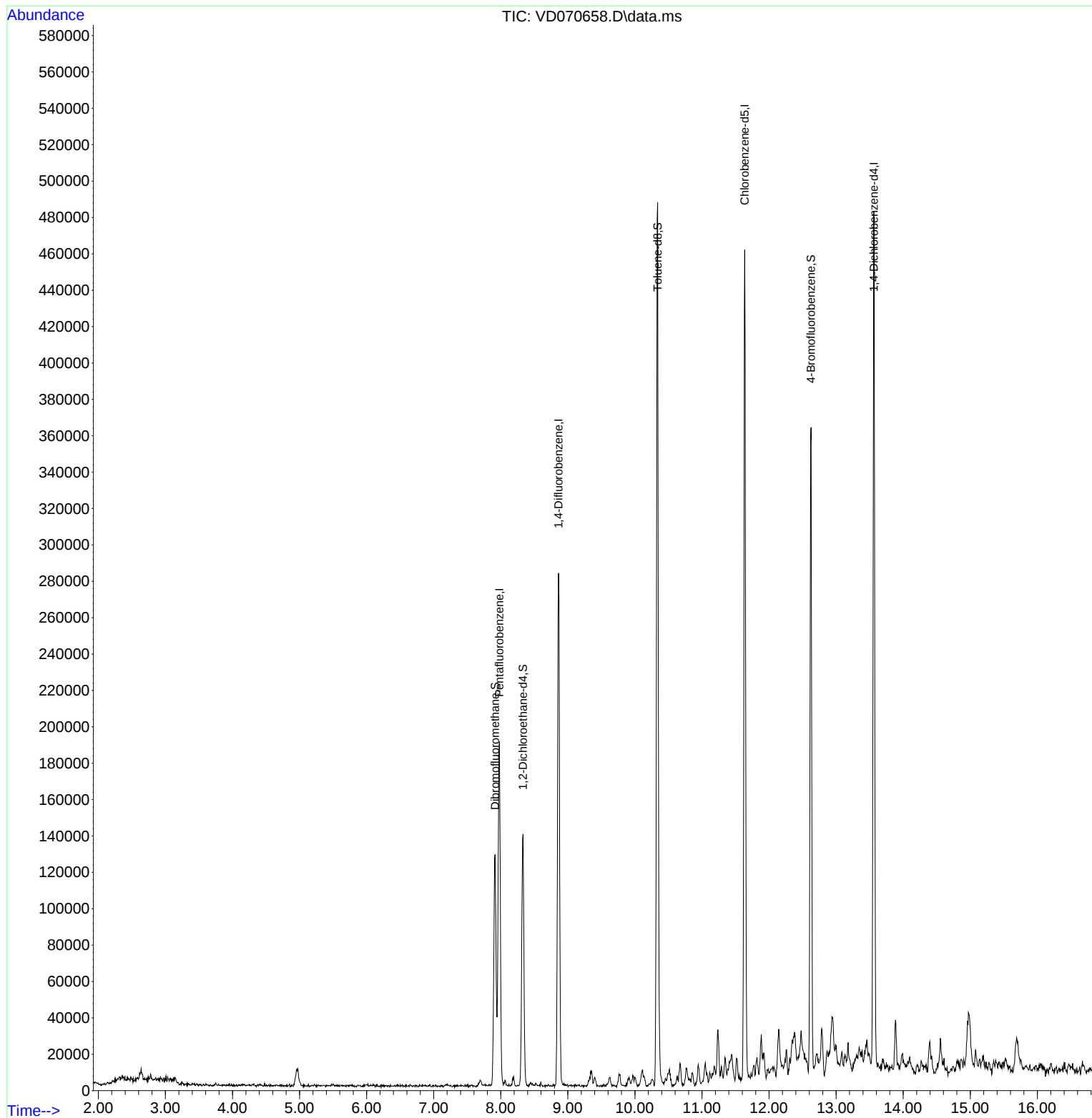
Target Compounds	Qvalue

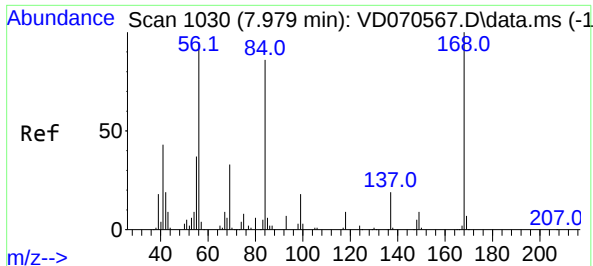
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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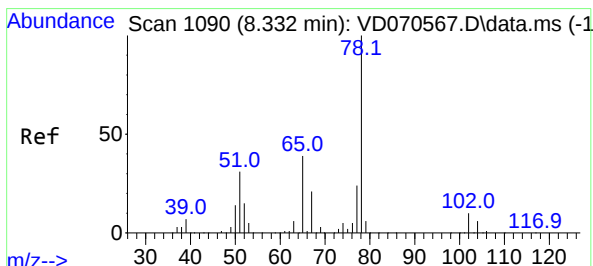
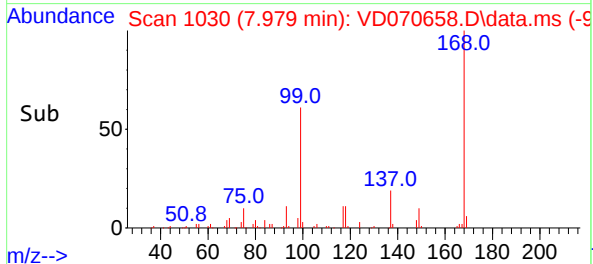
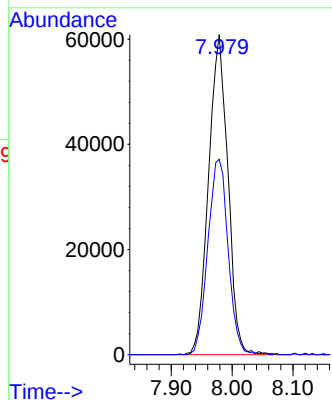
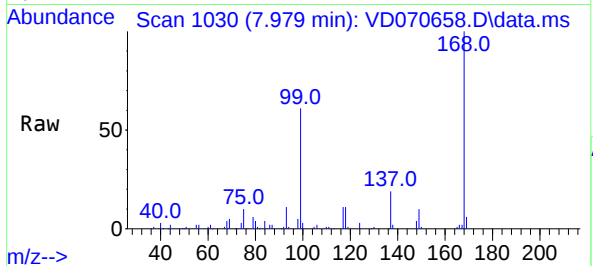




Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.979 min Scan# 1030
 Delta R.T. -0.000 min
 Lab File: VD070658.D
 Acq: 11 Oct 2021 14:16

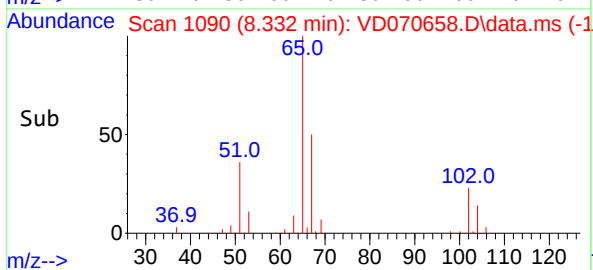
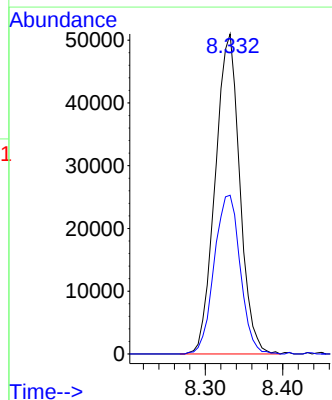
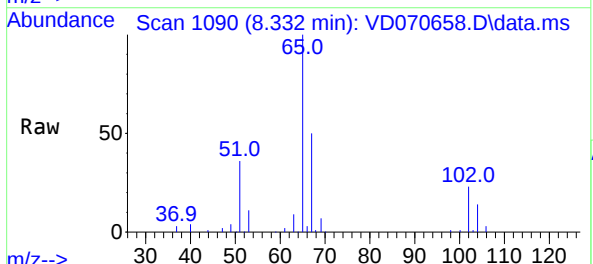
Instrument :
 MSVOA_D
 ClientSampleId :
 PSC124042

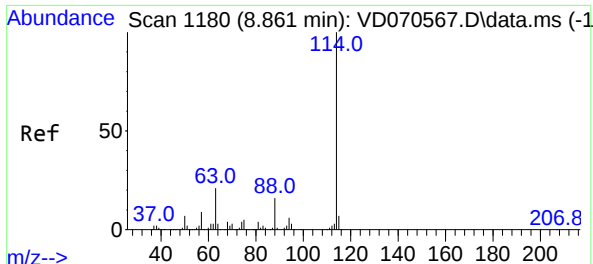
Tgt Ion:168 Resp: 134256
 Ion Ratio Lower Upper
 168 100
 99 61.0 51.4 77.0



1,2-Dichloroethane-d4
 Concen: 71.04 ug/l
 RT: 8.332 min Scan# 1090
 Delta R.T. -0.000 min
 Lab File: VD070658.D
 Acq: 11 Oct 2021 14:16

Tgt Ion: 65 Resp: 112238
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 110.2





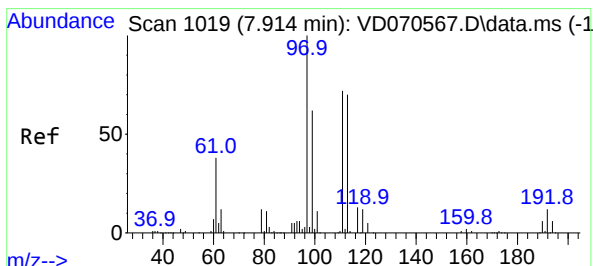
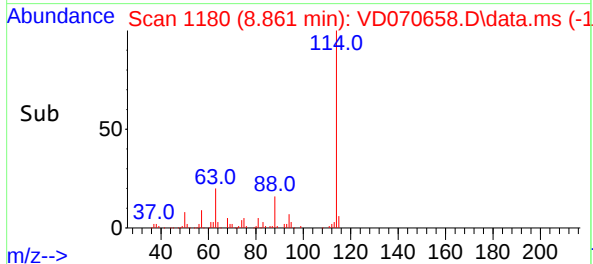
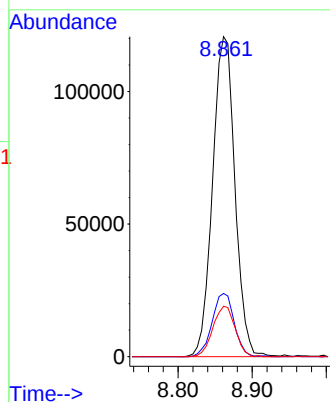
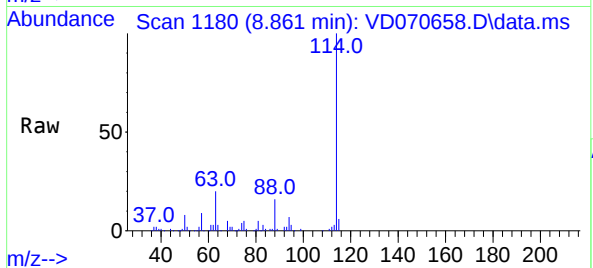
#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070658.D
Acq: 11 Oct 2021 14:16

Instrument :
MSVOA_D
ClientSampleId :
PSC124042

Tgt Ion:114 Resp: 252581

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	41.8
88	15.7	0.0	32.6

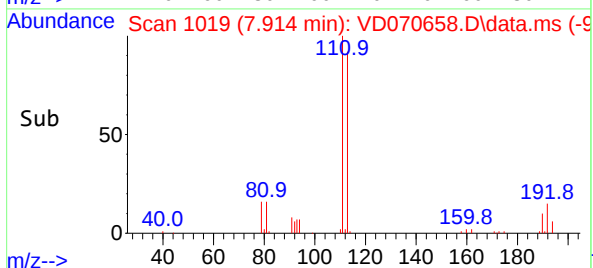
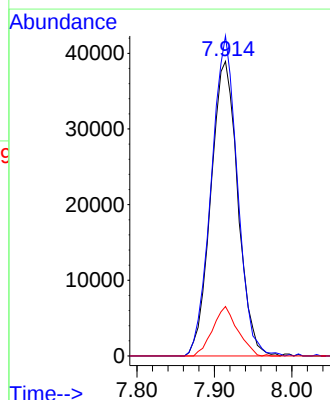
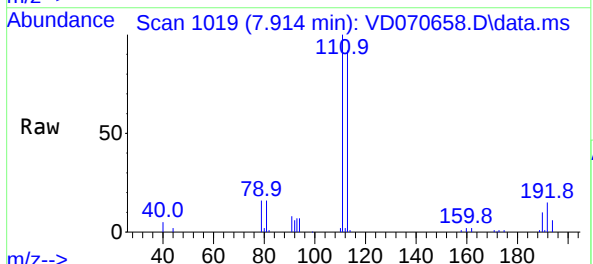


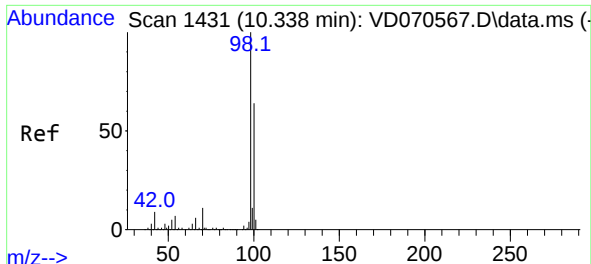
#35

Dibromofluoromethane
Concen: 56.13 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070658.D
Acq: 11 Oct 2021 14:16

Tgt Ion:113 Resp: 94252

Ion	Ratio	Lower	Upper
113	100		
111	105.2	83.1	124.7
192	15.5	12.7	19.1

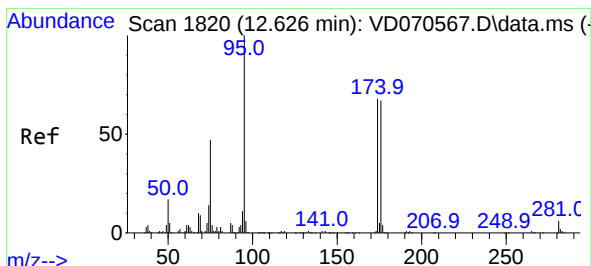
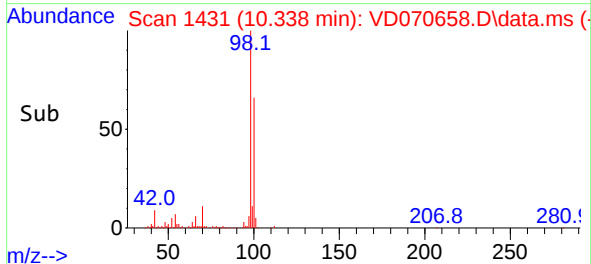
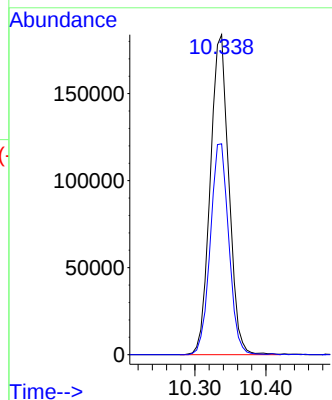
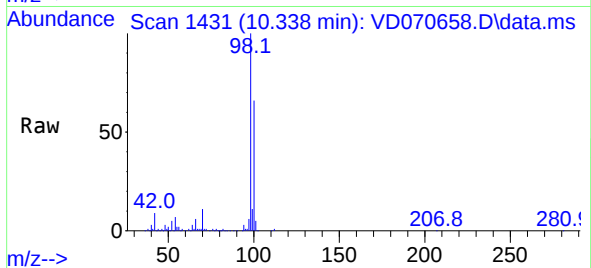




#50
Toluene-d8
Concen: 51.98 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070658.D
Acq: 11 Oct 2021 14:16

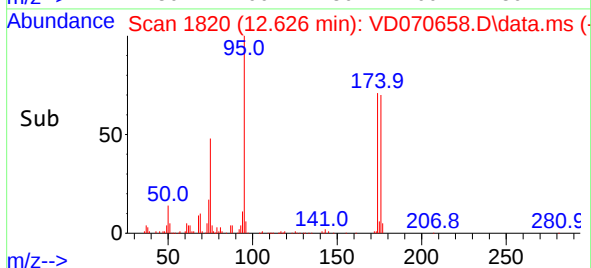
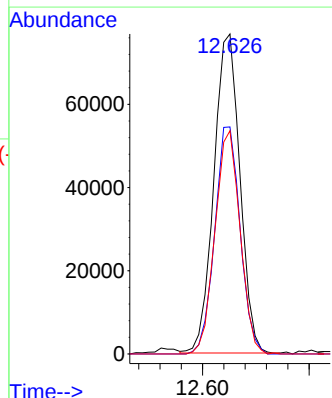
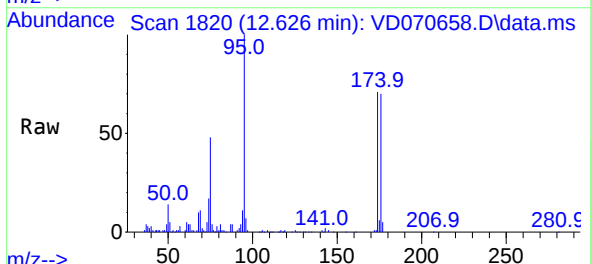
Instrument :
MSVOA_D
ClientSampleId :
PSC124042

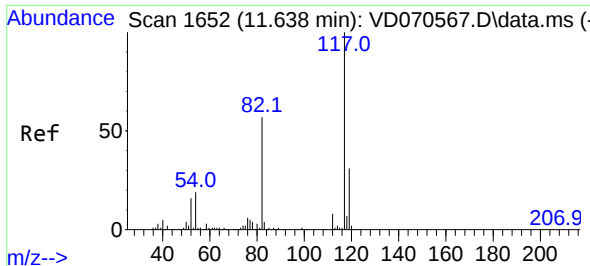
Tgt Ion: 98 Resp: 333668
Ion Ratio Lower Upper
98 100
100 65.5 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 60.54 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070658.D
Acq: 11 Oct 2021 14:16

Tgt Ion: 95 Resp: 129899
Ion Ratio Lower Upper
95 100
174 69.5 0.0 138.0
176 67.3 0.0 135.6



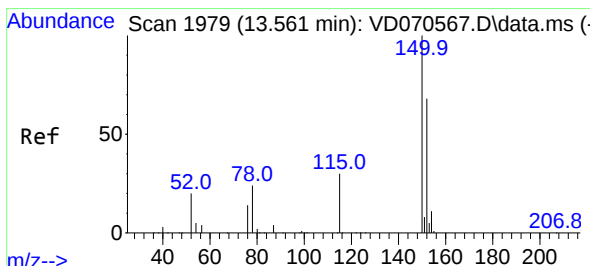
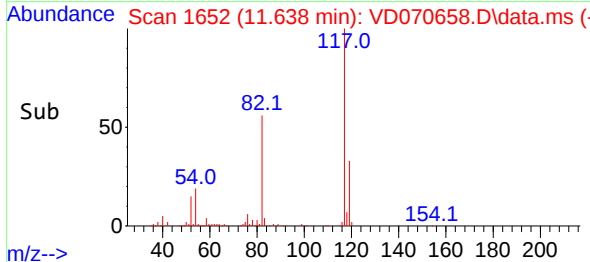
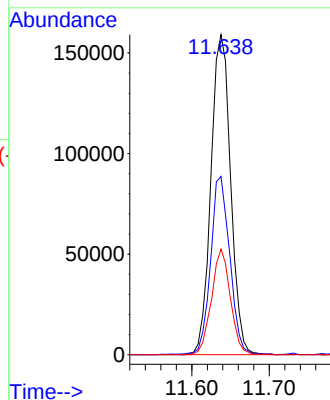
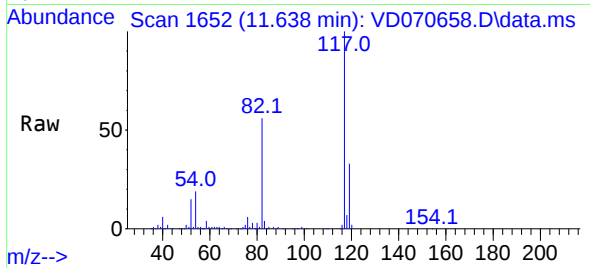


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070658.D
Acq: 11 Oct 2021 14:16

Instrument :
MSVOA_D
ClientSampleId :
PSC124042

Tgt Ion:117 Resp: 280934

Ion	Ratio	Lower	Upper
117	100		
82	55.6	45.4	68.2
119	33.0	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: VD070658.D
Acq: 11 Oct 2021 14:16

Tgt Ion:152 Resp: 127227

Ion	Ratio	Lower	Upper
152	100		
115	63.2	31.9	95.7
150	156.5	0.0	350.0

