

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101121\
 Data File : VD070667.D
 Acq On : 11 Oct 2021 18:32
 Operator : VA/SY
 Sample : M4161-02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T-1A

Quant Time: Oct 12 05:43:04 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	326678	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	636662	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	551969	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	153915	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	219470	57.09	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.18%
35) Dibromofluoromethane	7.914	113	222486	52.56	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.12%
50) Toluene-d8	10.332	98	806277	49.83	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.66%
62) 4-Bromofluorobenzene	12.620	95	200269	37.03	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	74.06%

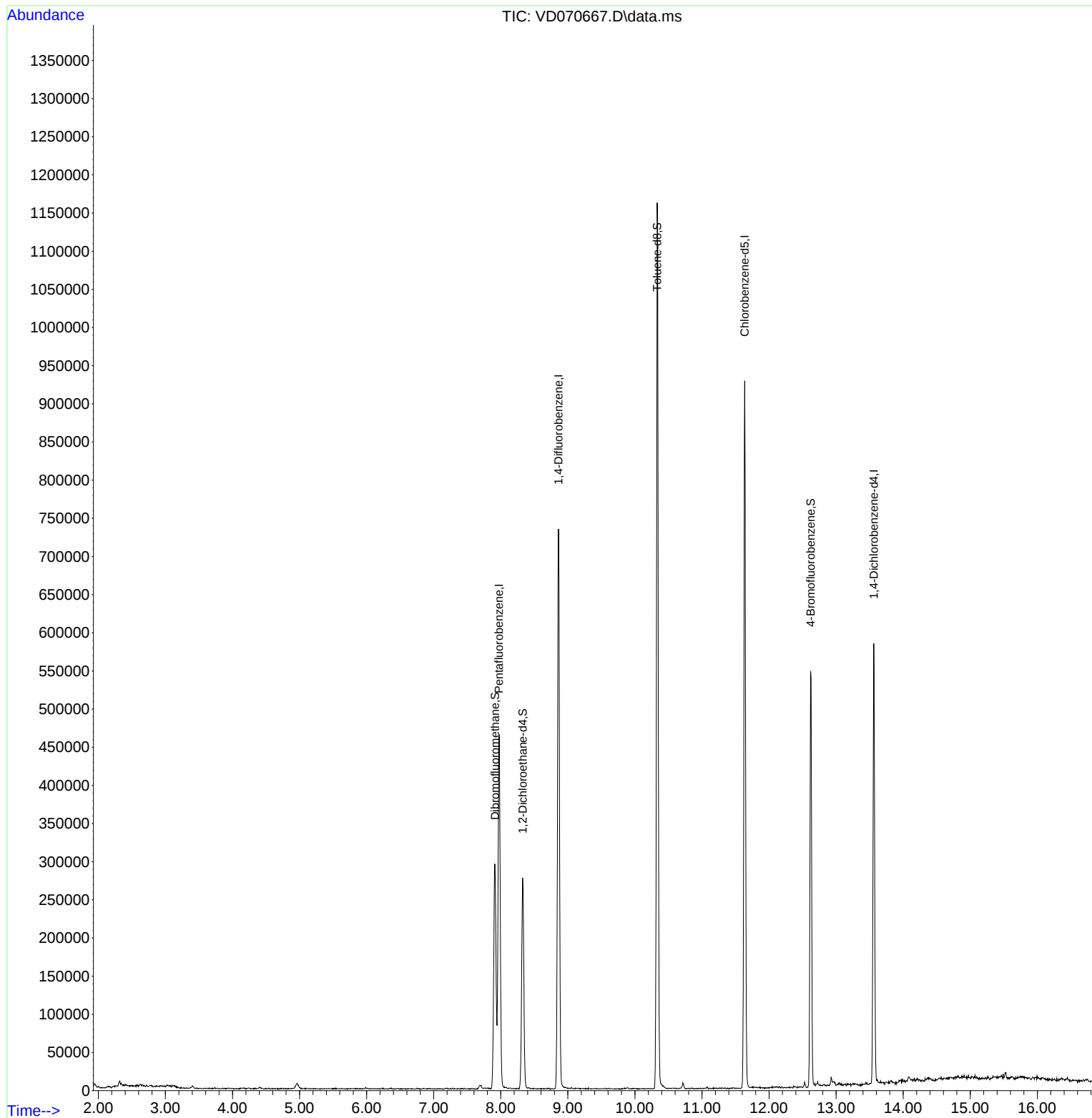
Target Compounds	Qvalue

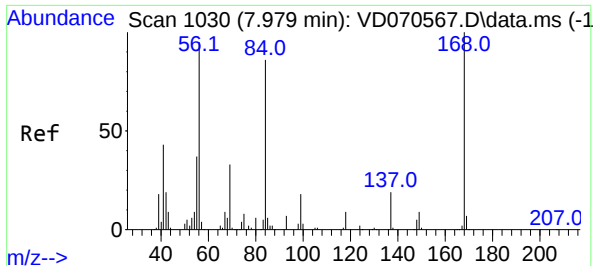
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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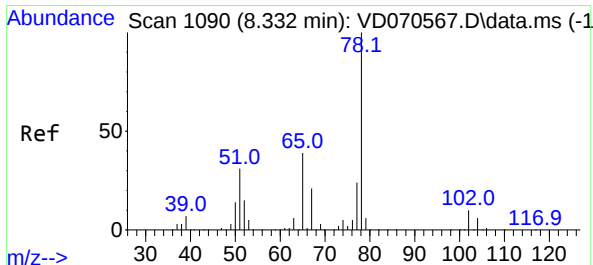
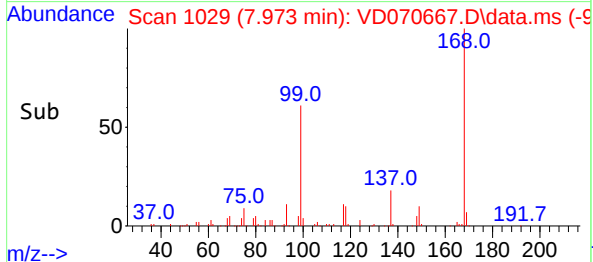
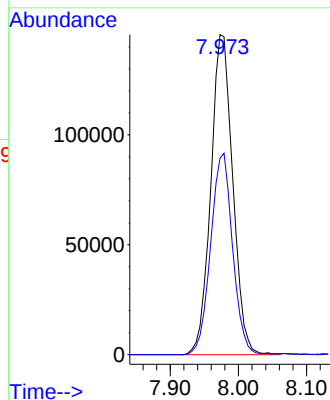
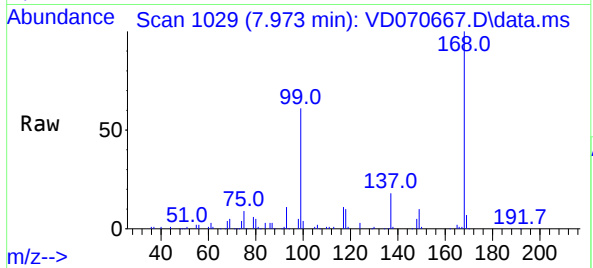




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070667.D
Acq: 11 Oct 2021 18:32

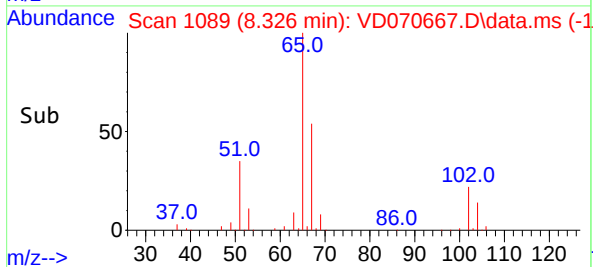
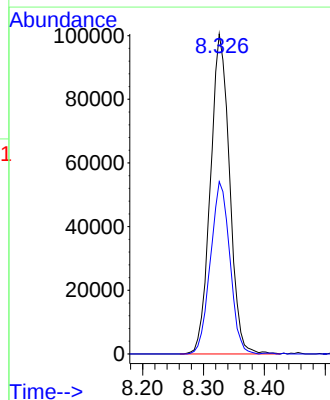
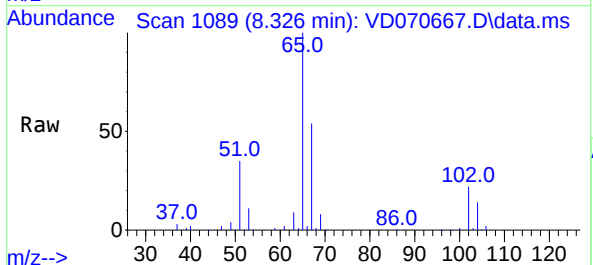
Instrument :
MSVOA_D
ClientSampleId :
T-1A

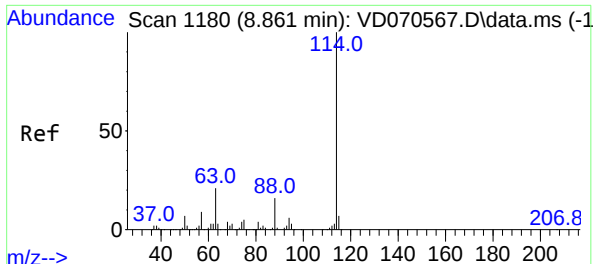
Tgt Ion:168 Resp: 326678
Ion Ratio Lower Upper
168 100
99 61.4 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 57.09 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070667.D
Acq: 11 Oct 2021 18:32

Tgt Ion: 65 Resp: 219470
Ion Ratio Lower Upper
65 100
67 54.5 0.0 110.2





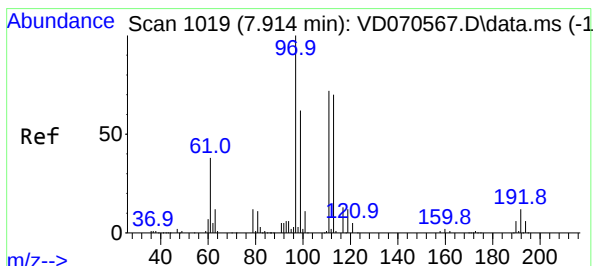
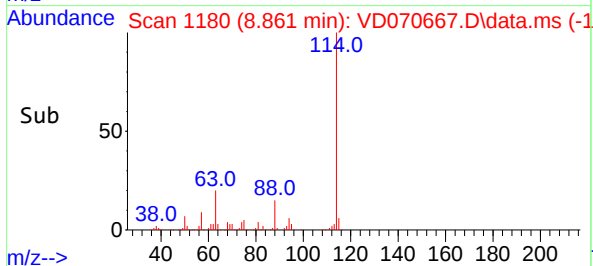
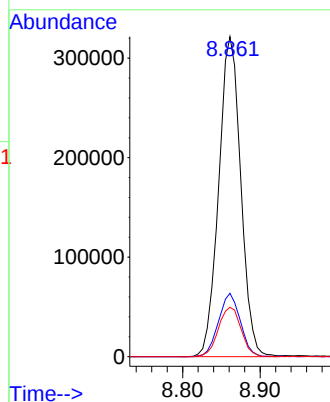
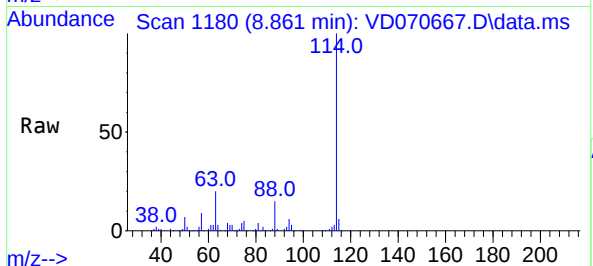
#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070667.D
Acq: 11 Oct 2021 18:32

Instrument :
MSVOA_D
ClientSampled :
T-1A

Tgt Ion:114 Resp: 636662

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	41.8
88	15.4	0.0	32.6

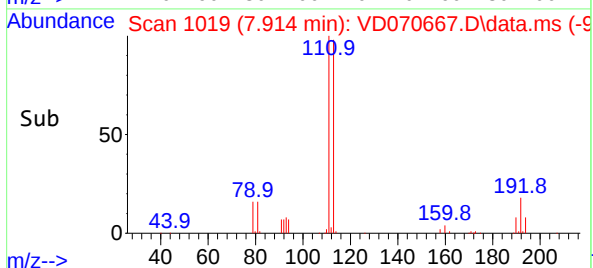
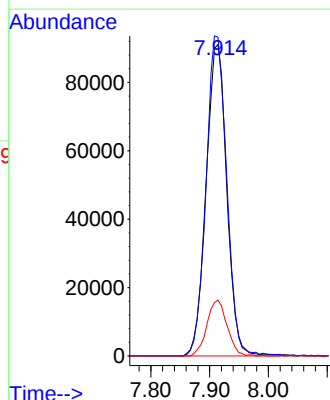
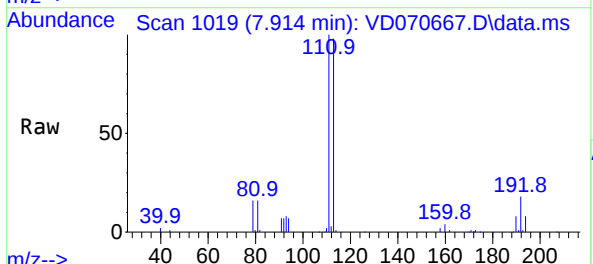


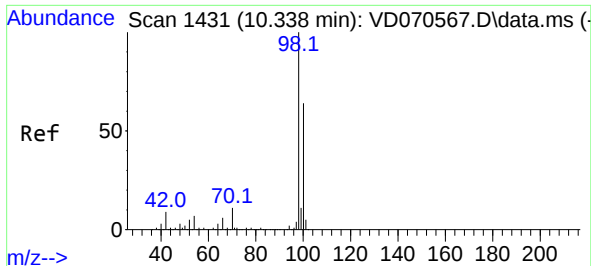
#35

Dibromofluoromethane
Concen: 52.56 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070667.D
Acq: 11 Oct 2021 18:32

Tgt Ion:113 Resp: 222486

Ion	Ratio	Lower	Upper
113	100		
111	102.6	83.1	124.7
192	17.5	12.7	19.1

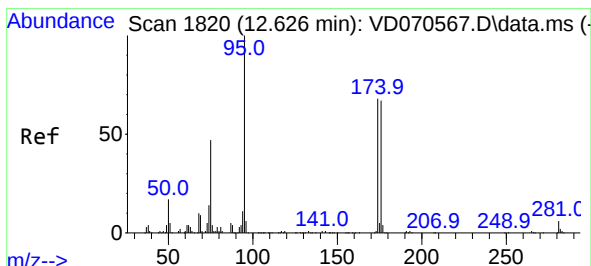
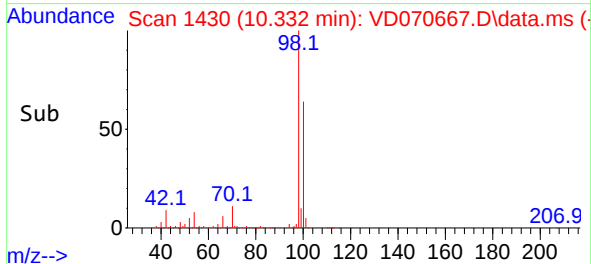
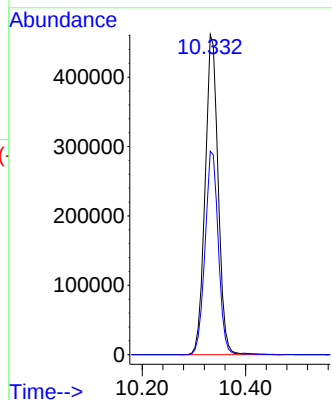
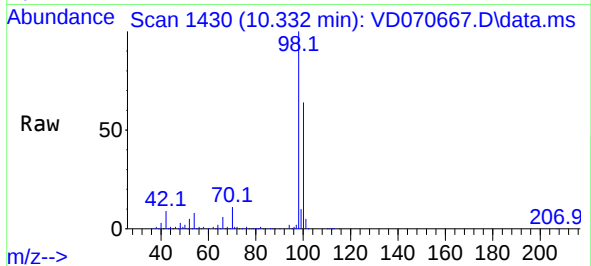




#50
Toluene-d8
Concen: 49.83 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070667.D
Acq: 11 Oct 2021 18:32

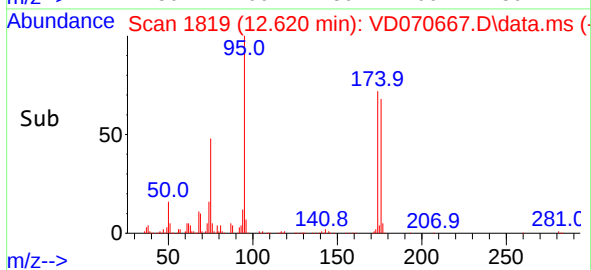
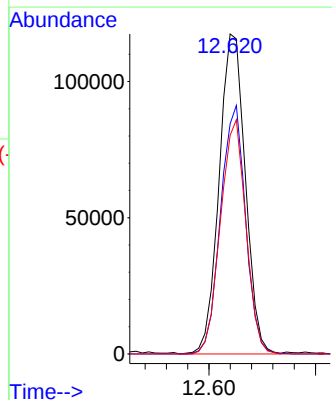
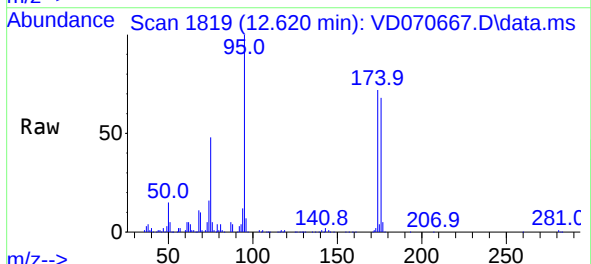
Instrument :
MSVOA_D
ClientSampleId :
T-1A

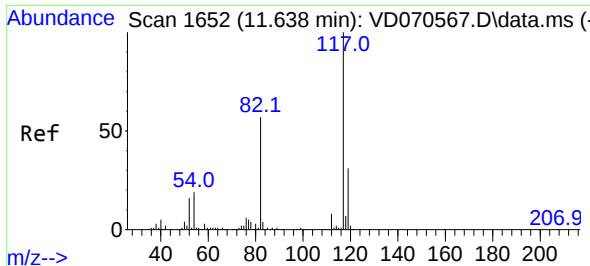
Tgt Ion: 98 Resp: 806277
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 37.03 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070667.D
Acq: 11 Oct 2021 18:32

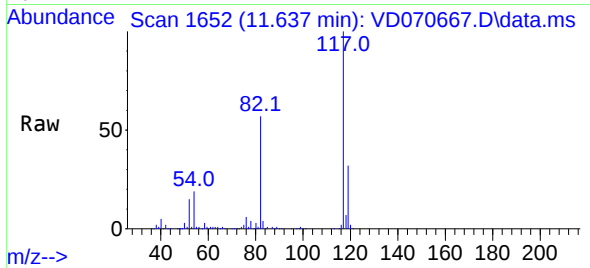
Tgt Ion: 95 Resp: 200269
Ion Ratio Lower Upper
95 100
174 74.2 0.0 138.0
176 70.9 0.0 135.6



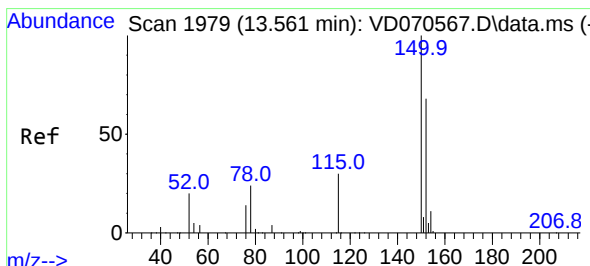
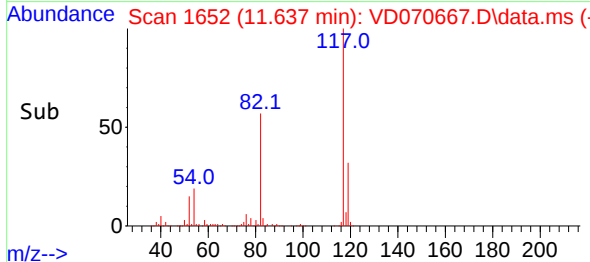
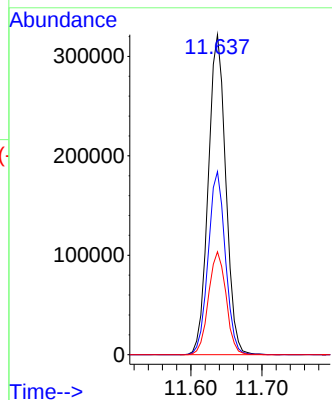


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070667.D
Acq: 11 Oct 2021 18:32

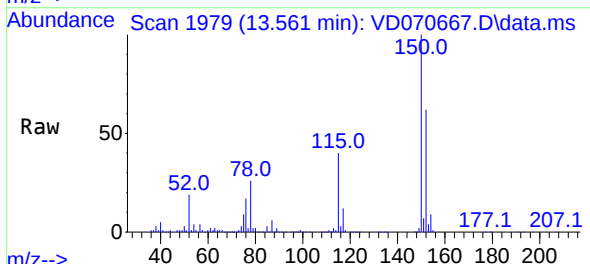
Instrument :
MSVOA_D
ClientSampleId :
T-1A



Tgt Ion:117 Resp: 551969
Ion Ratio Lower Upper
117 100
82 57.2 45.4 68.2
119 32.1 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: VD070667.D
Acq: 11 Oct 2021 18:32



Tgt Ion:152 Resp: 153915
Ion Ratio Lower Upper
152 100
115 62.7 31.9 95.7
150 160.5 0.0 350.0

