

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101121\
 Data File : VD070660.D
 Acq On : 11 Oct 2021 15:13
 Operator : VA/SY
 Sample : M4135-03
 Misc : 6.84G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TS-3

Quant Time: Oct 12 05:41:03 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	389162	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	755276	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	677754	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	248226	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	252397	55.11	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.22%
35) Dibromofluoromethane	7.908	113	252562	50.30	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.60%
50) Toluene-d8	10.338	98	956501	49.83	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.66%
62) 4-Bromofluorobenzene	12.626	95	291447	45.43	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.86%

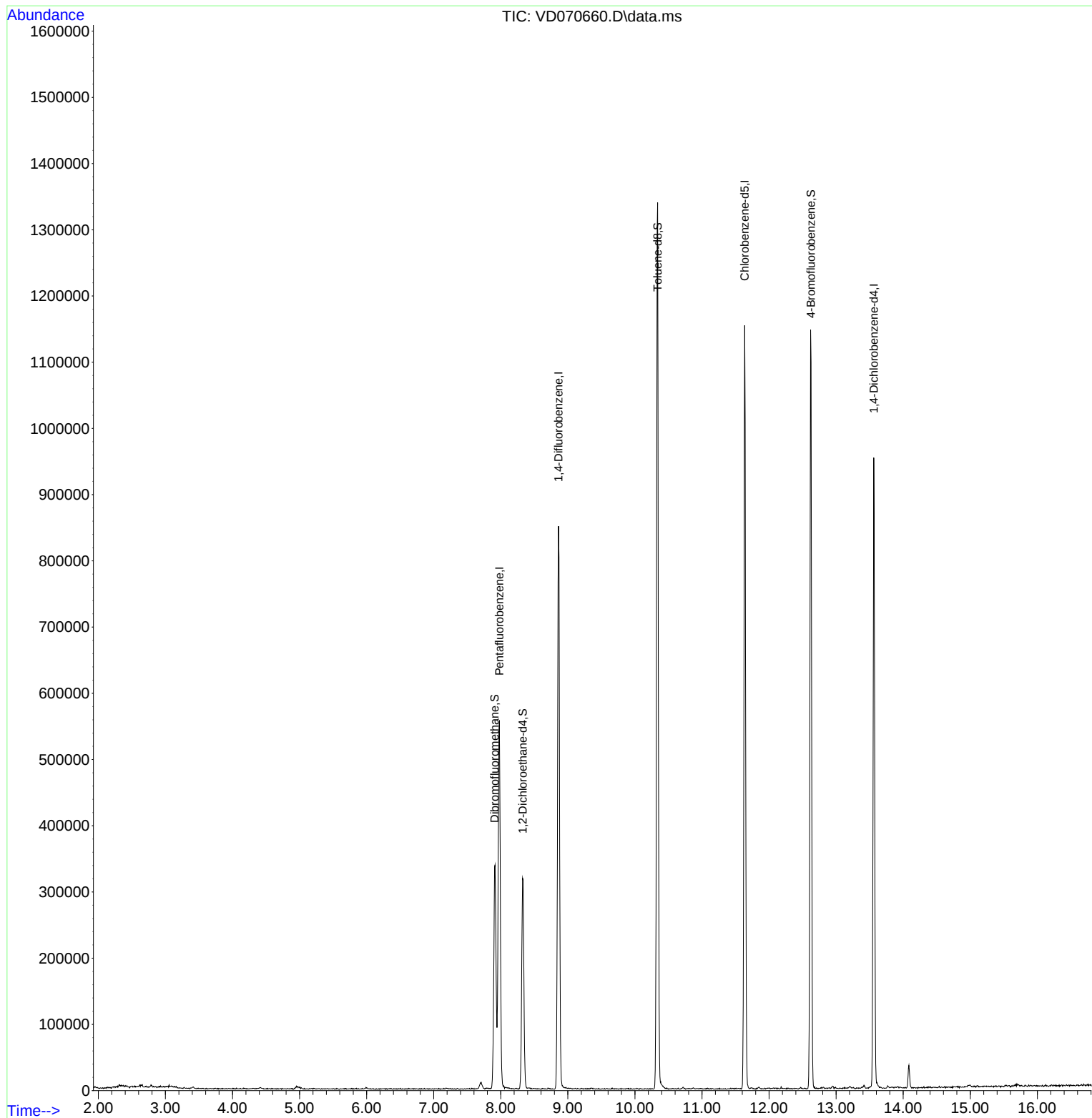
Target Compounds	Qvalue

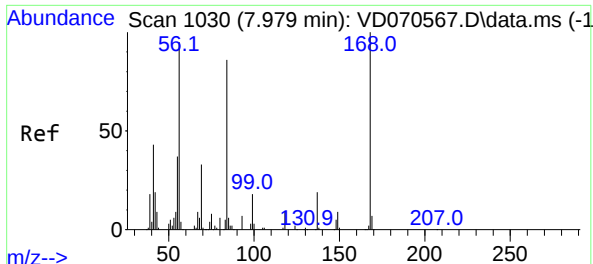
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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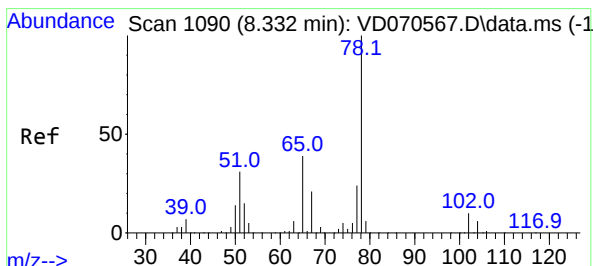
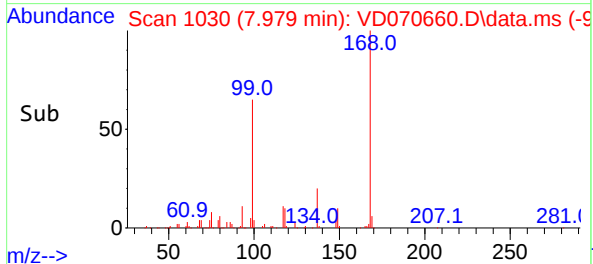
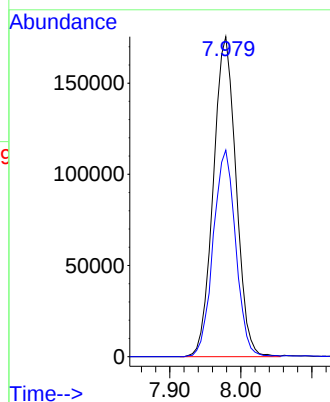
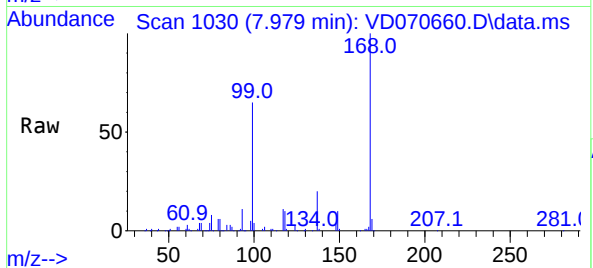




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070660.D
Acq: 11 Oct 2021 15:13

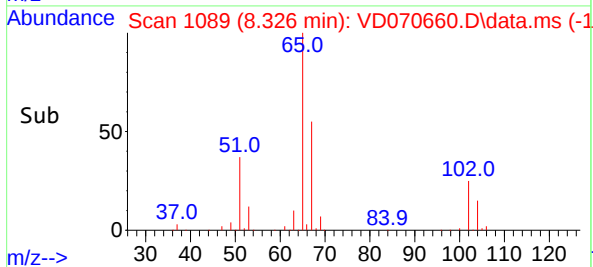
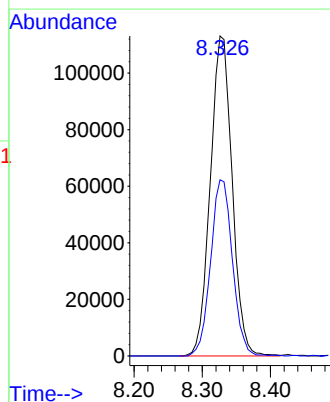
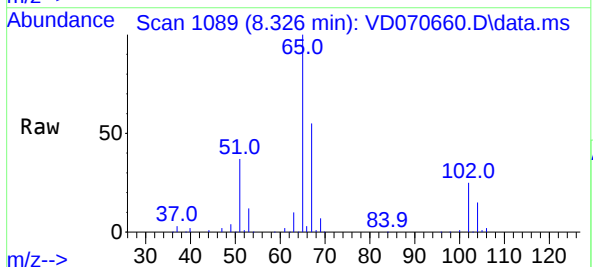
Instrument :
MSVOA_D
ClientSampled :
TS-3

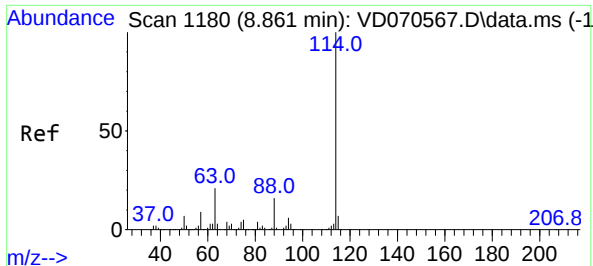
Tgt Ion:168 Resp: 389162
Ion Ratio Lower Upper
168 100
99 64.6 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 55.11 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070660.D
Acq: 11 Oct 2021 15:13

Tgt Ion: 65 Resp: 252397
Ion Ratio Lower Upper
65 100
67 55.0 0.0 110.2





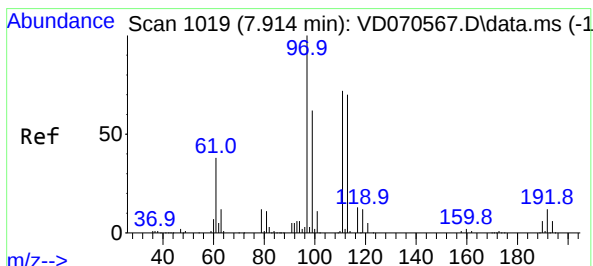
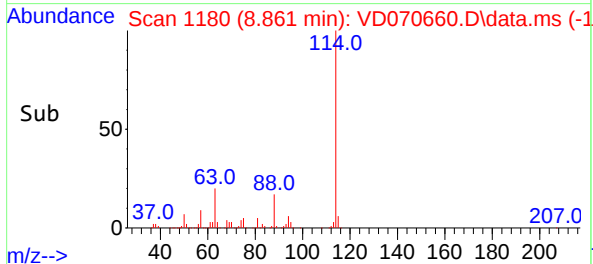
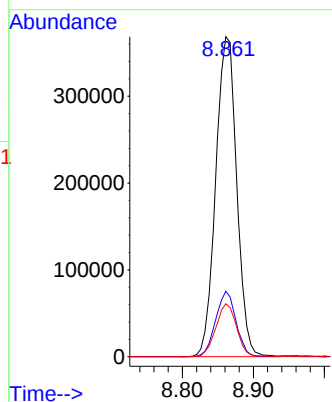
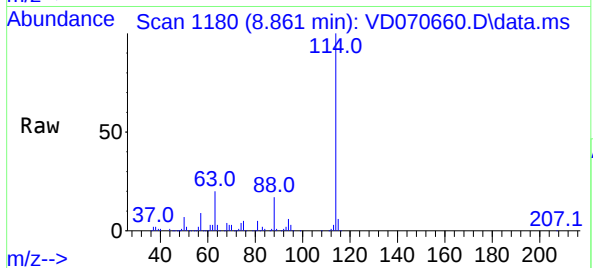
#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070660.D
Acq: 11 Oct 2021 15:13

Instrument :
MSVOA_D
ClientSampled :
TS-3

Tgt Ion:114 Resp: 755276

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	41.8
88	16.6	0.0	32.6

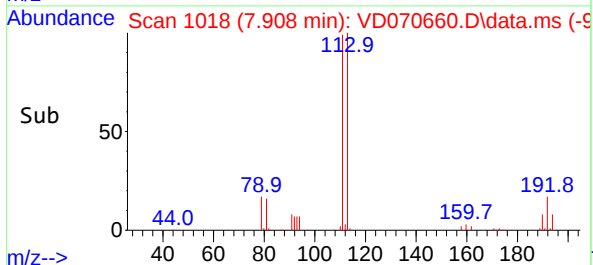
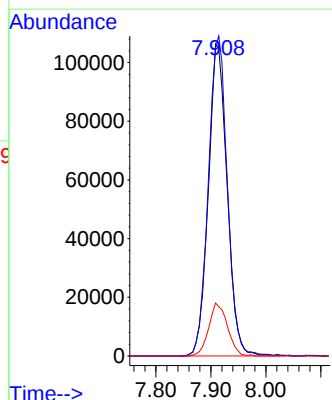
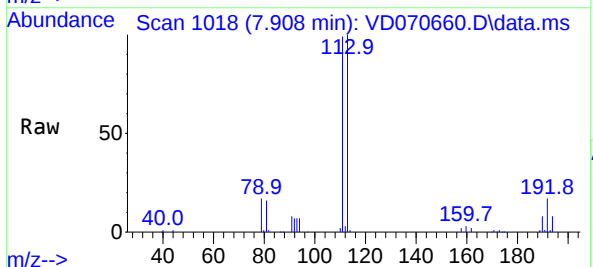


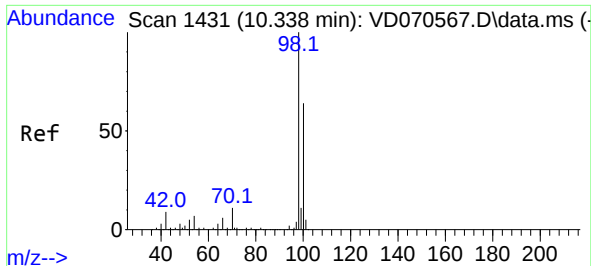
#35

Dibromofluoromethane
Concen: 50.30 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070660.D
Acq: 11 Oct 2021 15:13

Tgt Ion:113 Resp: 252562

Ion	Ratio	Lower	Upper
113	100		
111	103.5	83.1	124.7
192	16.9	12.7	19.1

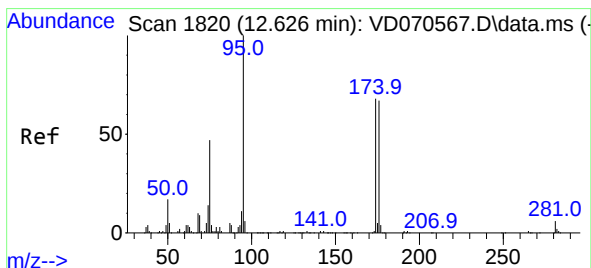
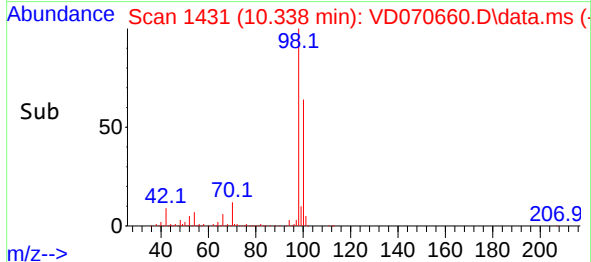
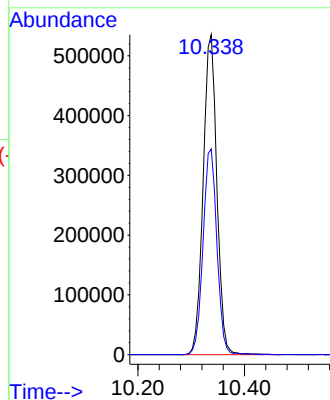
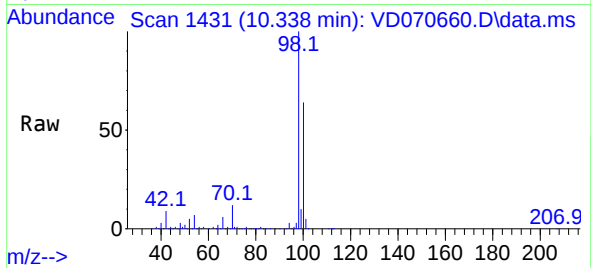




#50
Toluene-d8
Concen: 49.83 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070660.D
Acq: 11 Oct 2021 15:13

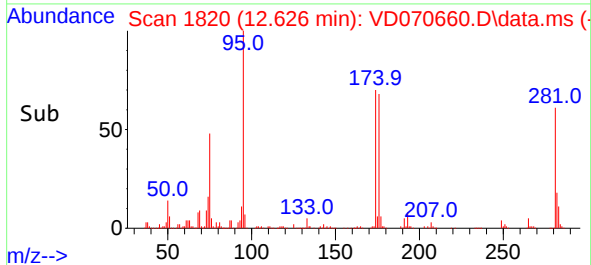
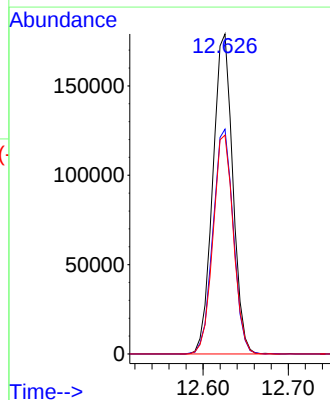
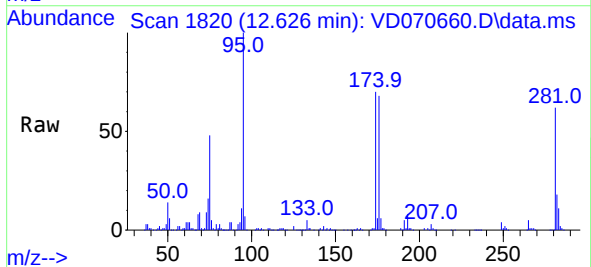
Instrument :
MSVOA_D
ClientSampled :
TS-3

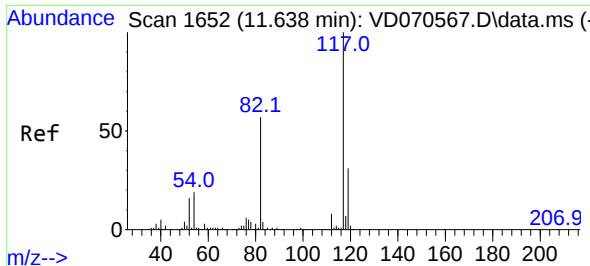
Tgt Ion: 98 Resp: 956501
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 45.43 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070660.D
Acq: 11 Oct 2021 15:13

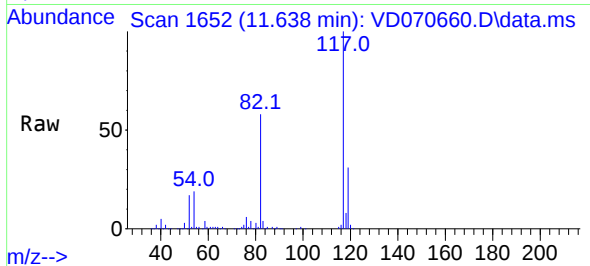
Tgt Ion: 95 Resp: 291447
Ion Ratio Lower Upper
95 100
174 71.4 0.0 138.0
176 69.5 0.0 135.6



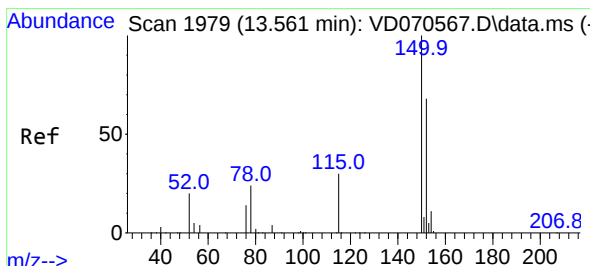
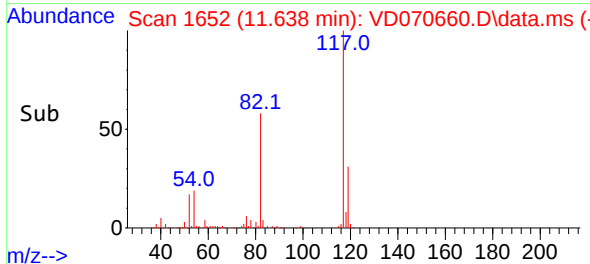
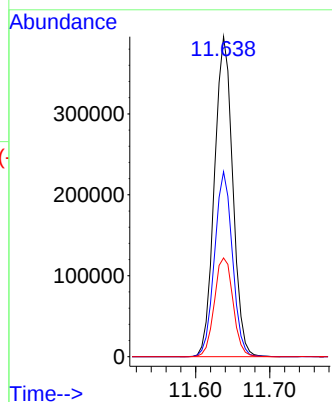


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070660.D
Acq: 11 Oct 2021 15:13

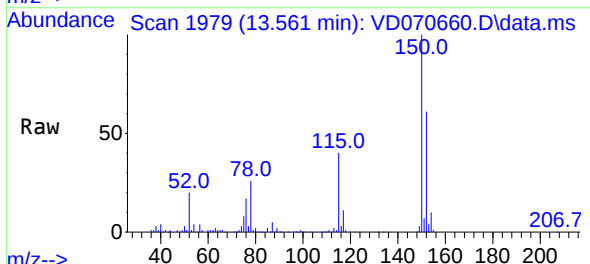
Instrument :
MSVOA_D
ClientSampled :
TS-3



Tgt Ion:117 Resp: 677754
Ion Ratio Lower Upper
117 100
82 57.8 45.4 68.2
119 30.9 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: VD070660.D
Acq: 11 Oct 2021 15:13



Tgt Ion:152 Resp: 248226
Ion Ratio Lower Upper
152 100
115 63.1 31.9 95.7
150 158.3 0.0 350.0

