

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100421\
 Data File : VD070558.D
 Acq On : 04 Oct 2021 18:34
 Operator : VA/SY
 Sample : M4046-02
 Misc : 5.10G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1-(1.5-2.0)

Quant Time: Oct 05 05:01:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	368182	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	779742	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	749557	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	310048	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	284162	60.11	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.22%
35) Dibromofluoromethane	7.914	113	275838	49.70	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.40%
50) Toluene-d8	10.338	98	1010791	50.16	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.32%
62) 4-Bromofluorobenzene	12.626	95	321185	45.60	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.20%

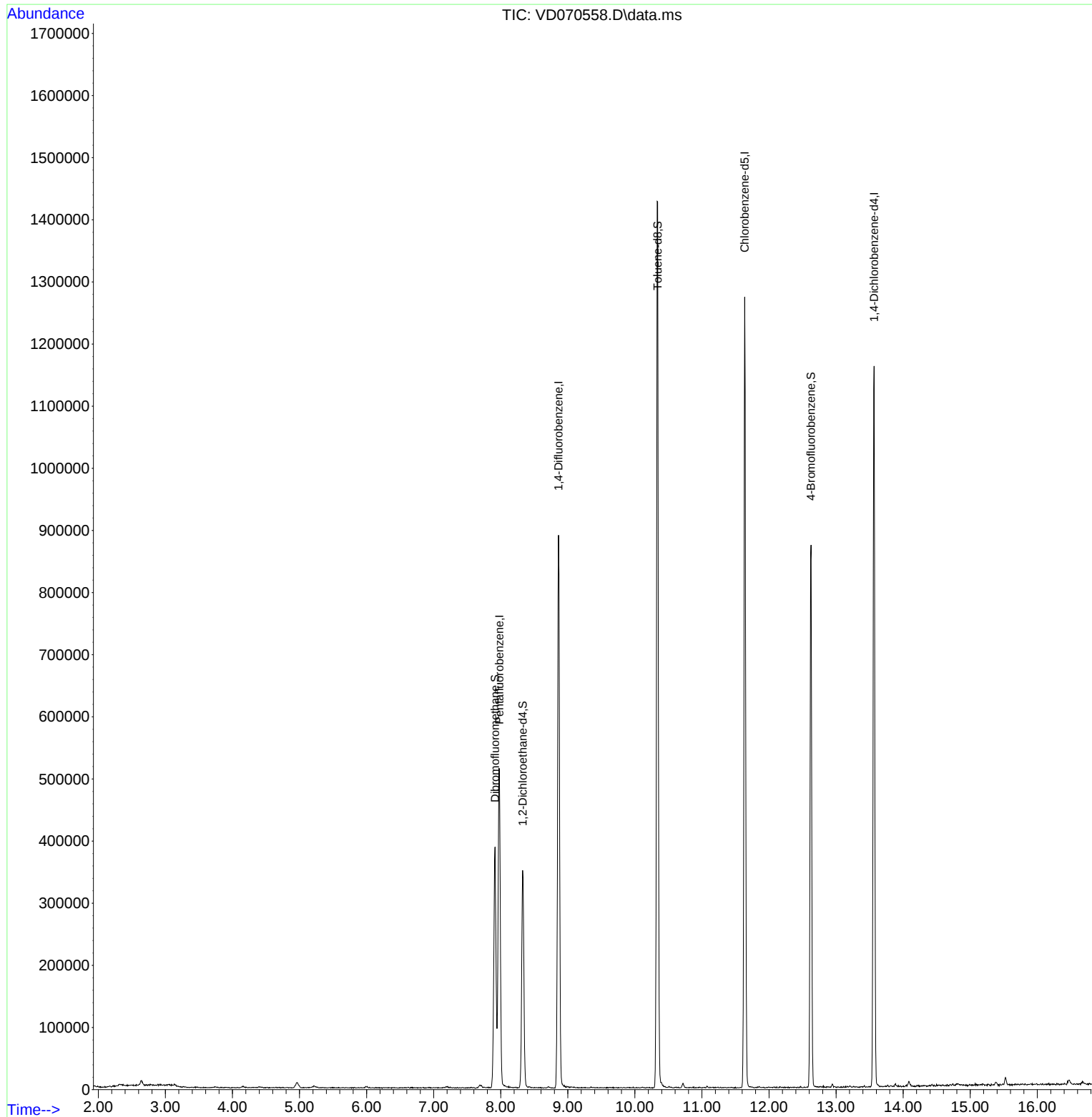
Target Compounds	Qvalue

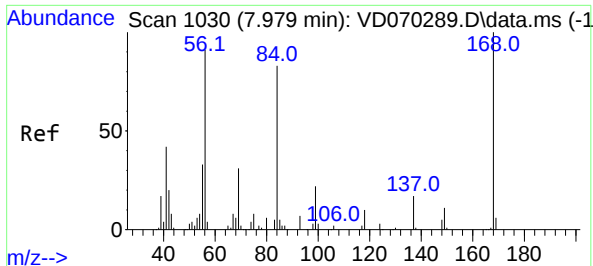
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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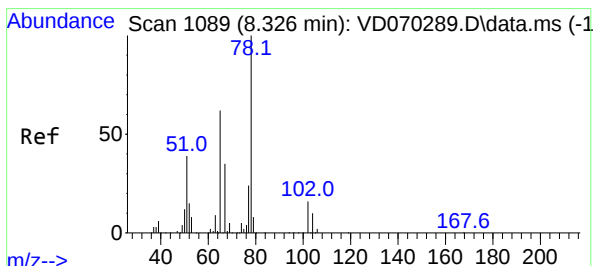
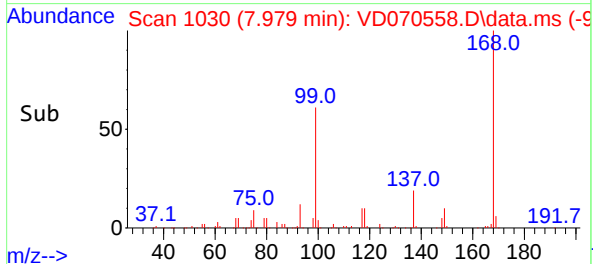
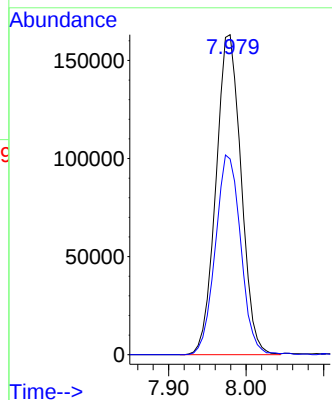
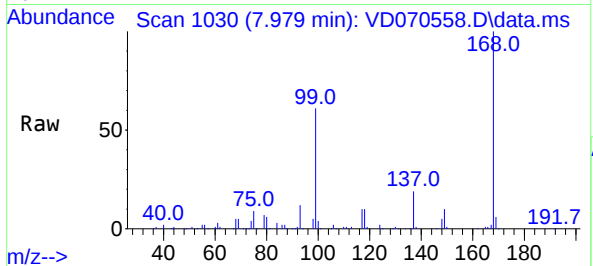




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070558.D
Acq: 04 Oct 2021 18:34

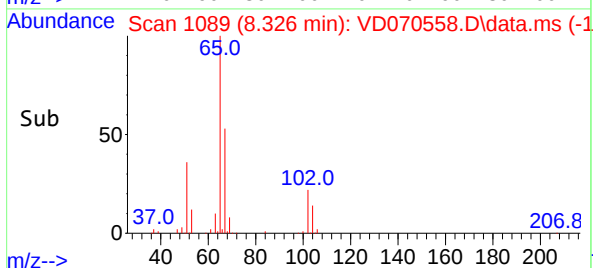
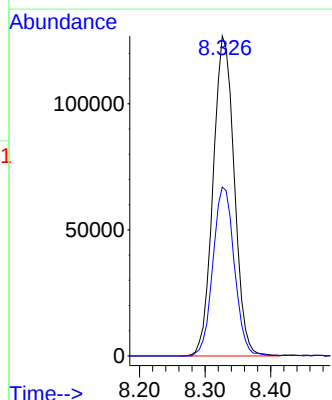
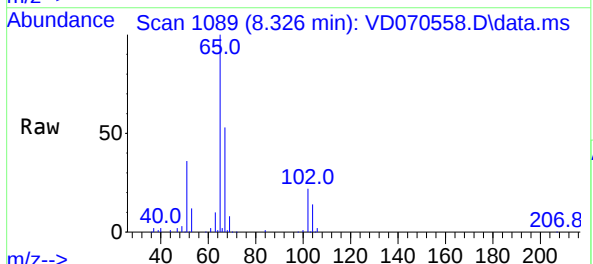
Instrument :
MSVOA_D
ClientSampleId :
TP-1-(1.5-2.0)

Tgt Ion:168 Resp: 368182
Ion Ratio Lower Upper
168 100
99 61.2 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 60.11 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070558.D
Acq: 04 Oct 2021 18:34

Tgt Ion: 65 Resp: 284162
Ion Ratio Lower Upper
65 100
67 53.5 0.0 111.4

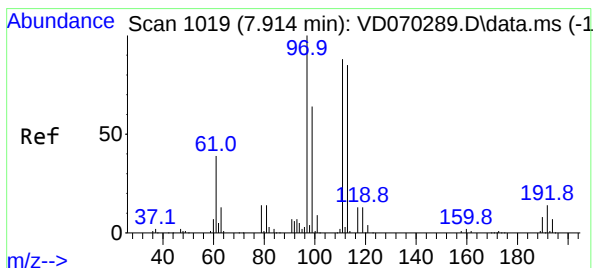
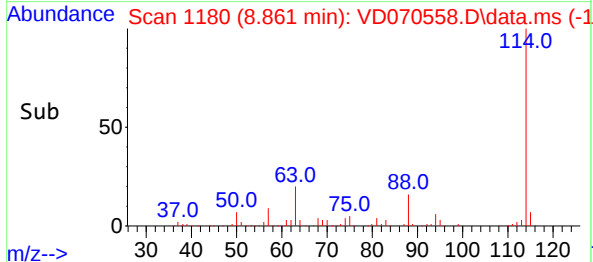
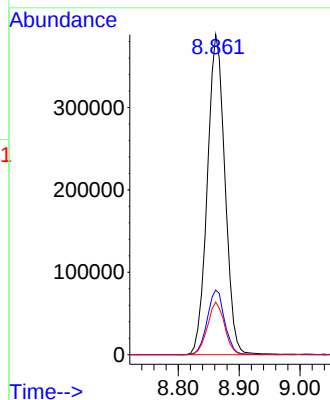
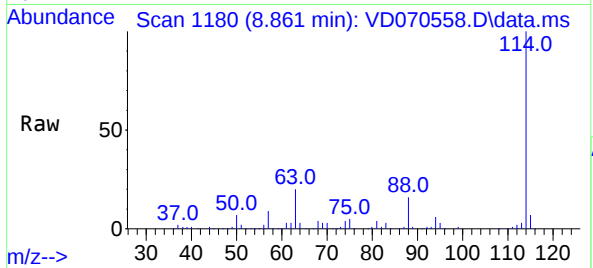




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070558.D
Acq: 04 Oct 2021 18:34

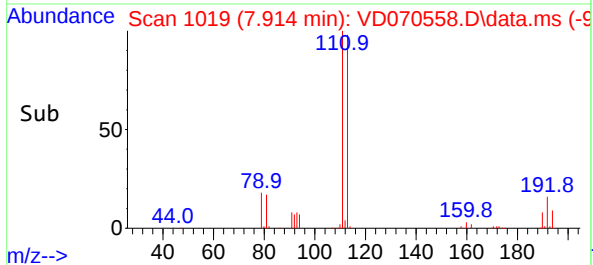
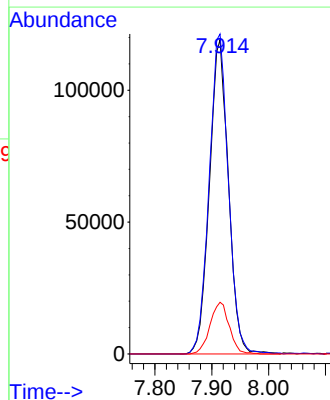
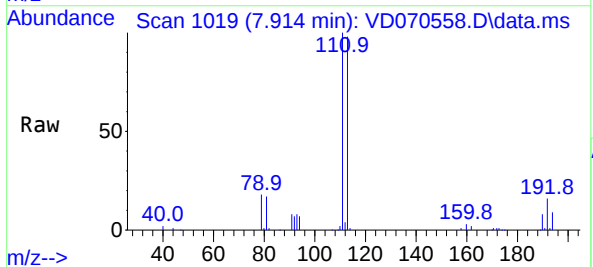
Instrument :
MSVOA_D
ClientSampleId :
TP-1-(1.5-2.0)

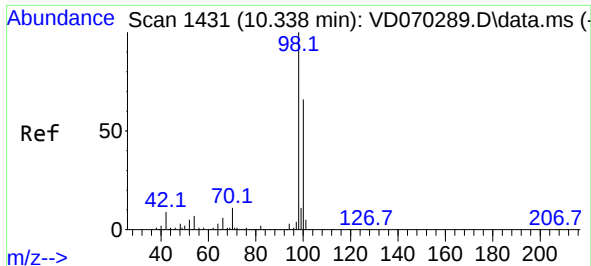
Tgt Ion:114 Resp: 779742
Ion Ratio Lower Upper
114 100
63 20.2 0.0 43.4
88 16.4 0.0 33.4



#35
Dibromofluoromethane
Concen: 49.70 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070558.D
Acq: 04 Oct 2021 18:34

Tgt Ion:113 Resp: 275838
Ion Ratio Lower Upper
113 100
111 103.3 81.4 122.2
192 16.7 13.0 19.6

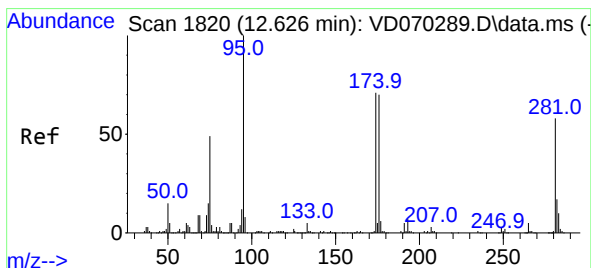
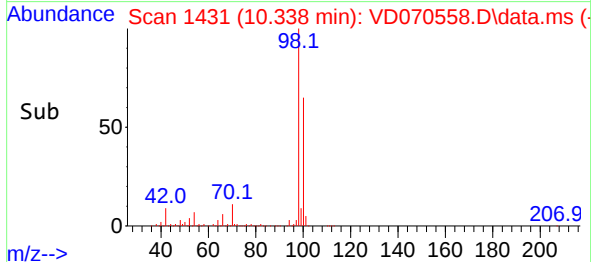
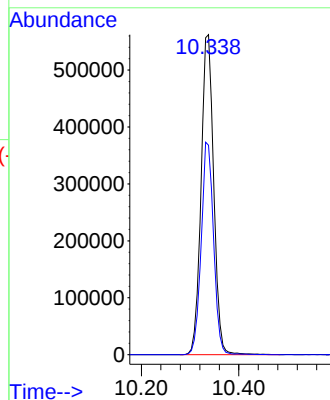
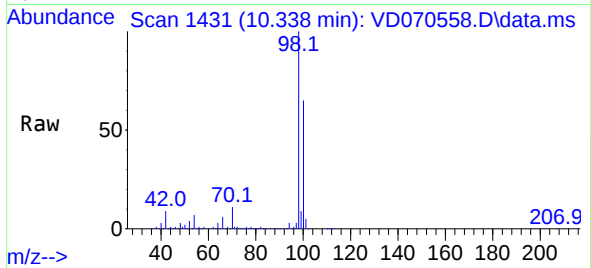




#50
Toluene-d8
Concen: 50.16 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD070558.D
Acq: 04 Oct 2021 18:34

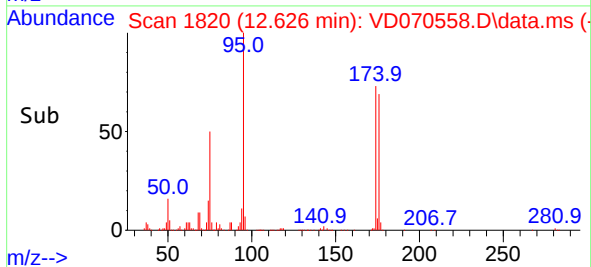
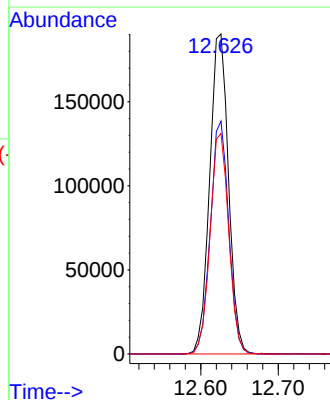
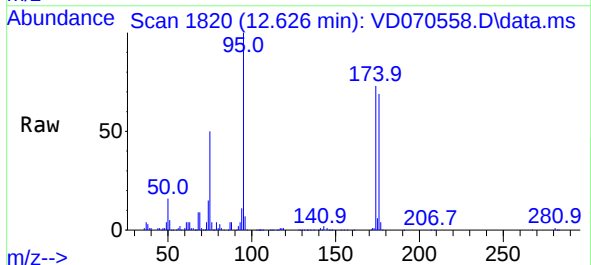
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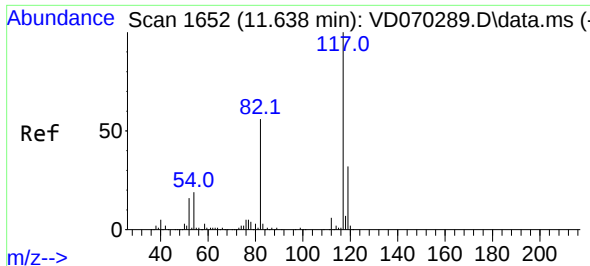
Tgt Ion: 98 Resp: 1010791
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.60 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070558.D
Acq: 04 Oct 2021 18:34

Tgt Ion: 95 Resp: 321185
Ion Ratio Lower Upper
95 100
174 71.0 0.0 140.6
176 68.0 0.0 137.4

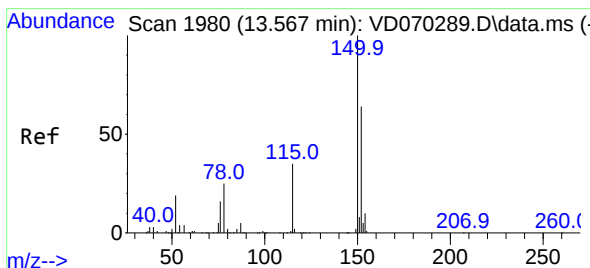
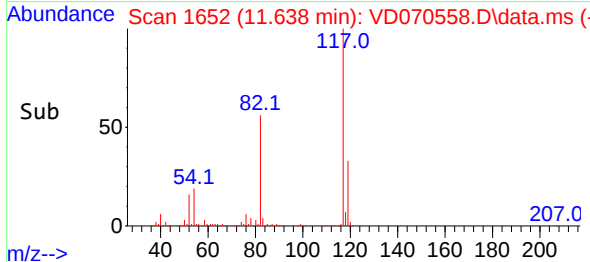
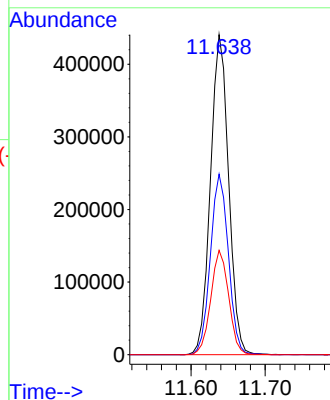
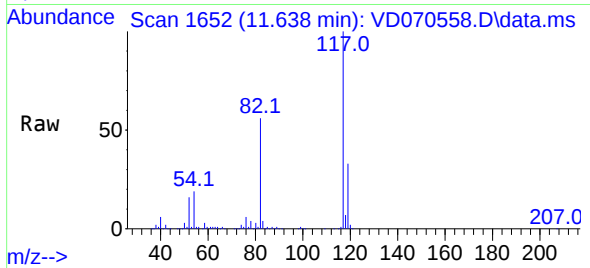




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070558.D
Acq: 04 Oct 2021 18:34

Instrument :
MSVOA_D
ClientSampleId :
TP-1-(1.5-2.0)

Tgt Ion:117 Resp: 749557
Ion Ratio Lower Upper
117 100
82 56.4 45.0 67.4
119 32.6 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD070558.D
Acq: 04 Oct 2021 18:34

Tgt Ion:152 Resp: 310048
Ion Ratio Lower Upper
152 100
115 64.6 32.1 96.3
150 158.5 0.0 350.6

