

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102821\
 Data File : VD070889.D
 Acq On : 28 Oct 2021 13:32
 Operator : VA/SY
 Sample : M4358-07
 Misc : 4.18G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TH-GS

Quant Time: Oct 29 05:23:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 27 05:34:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	482460	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	818814	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	766310	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	335124	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	224357	46.237	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.480%
35) Dibromofluoromethane	7.914	113	259524	48.070	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.140%
50) Toluene-d8	10.332	98	1010841	49.767	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.540%
62) 4-Bromofluorobenzene	12.620	95	310873	46.388	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.780%

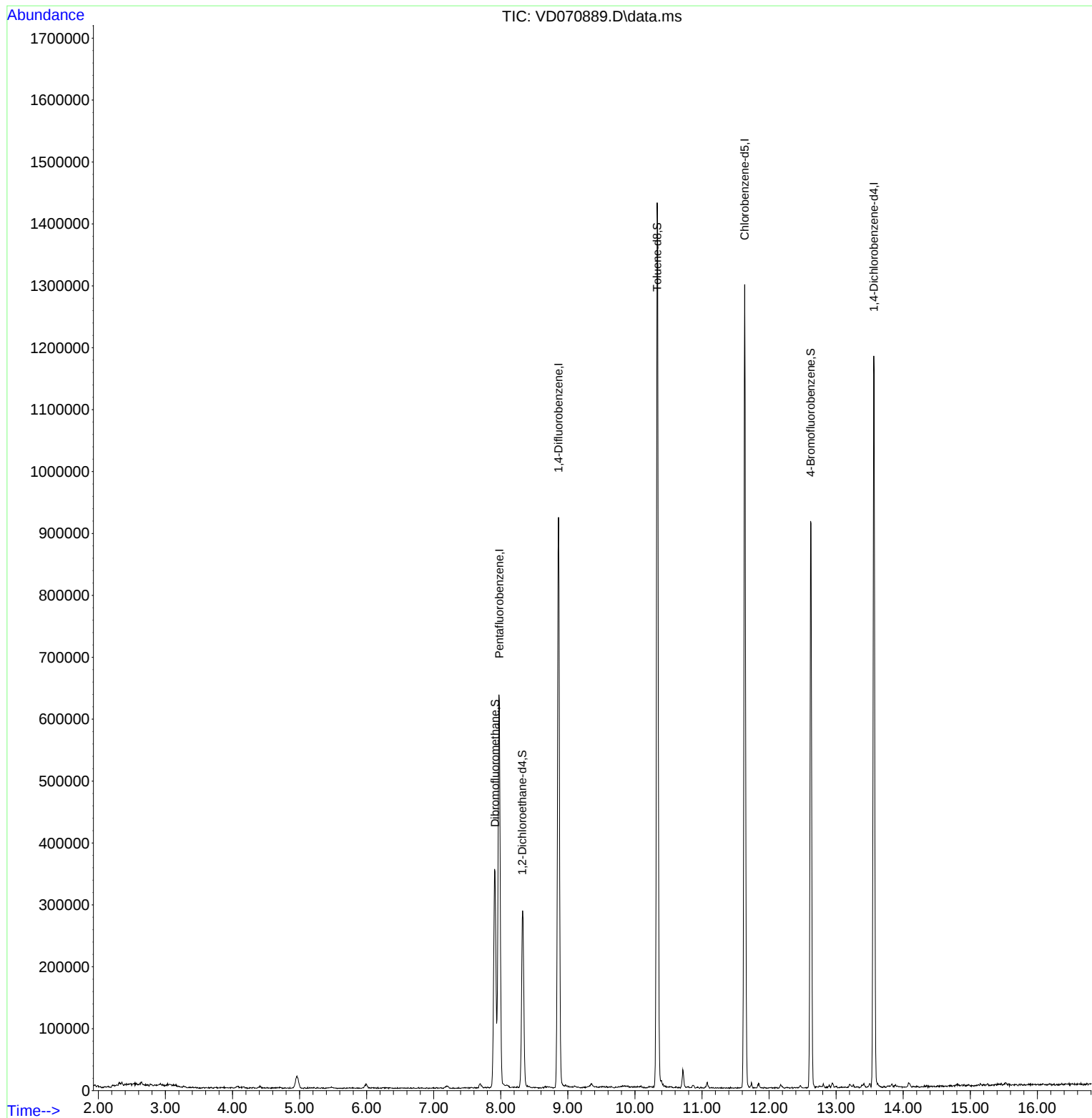
Target Compounds	Qvalue

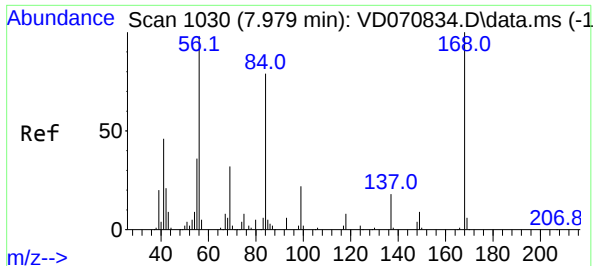
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_D
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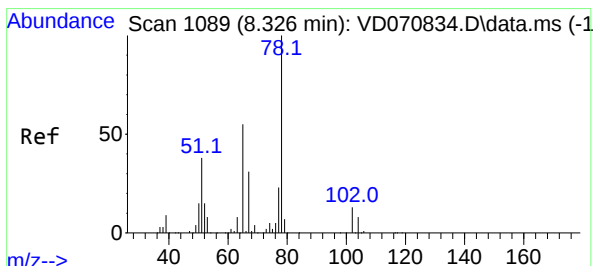
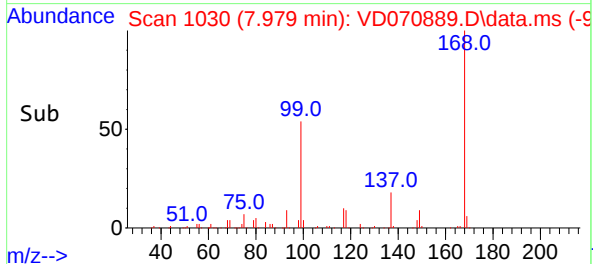
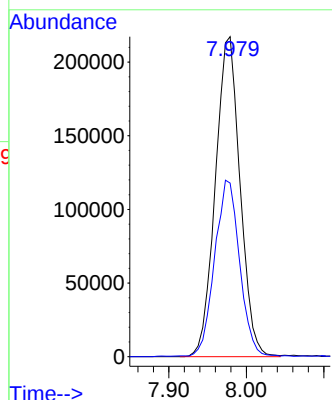
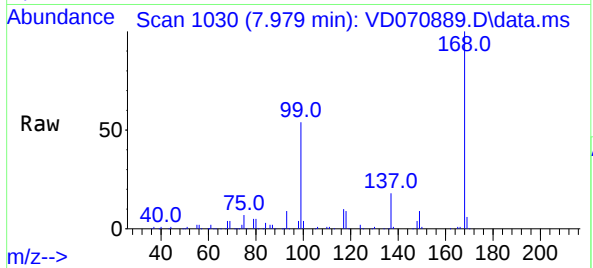




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070889.D
Acq: 28 Oct 2021 13:32

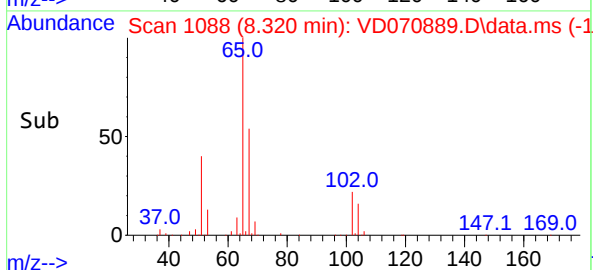
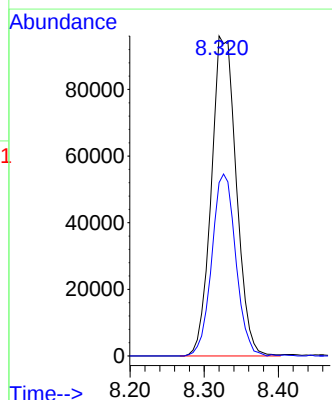
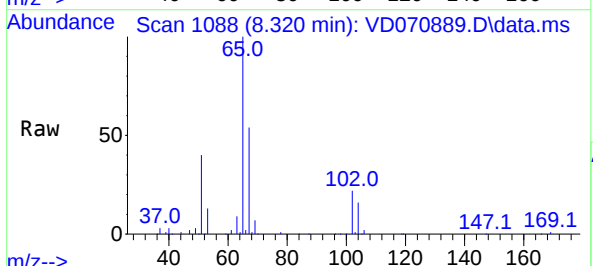
Instrument :
MSVOA_D
ClientSampled :
TH-GS

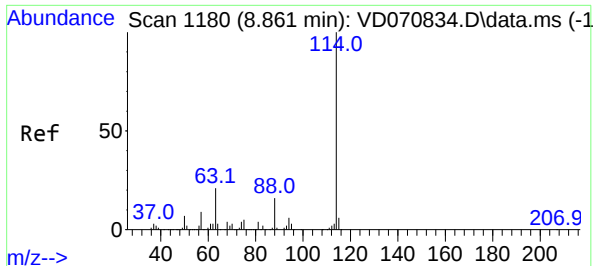
Tgt Ion:168 Resp: 482460
Ion Ratio Lower Upper
168 100
99 54.0 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 46.237 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD070889.D
Acq: 28 Oct 2021 13:32

Tgt Ion: 65 Resp: 224357
Ion Ratio Lower Upper
65 100
67 54.6 0.0 112.2



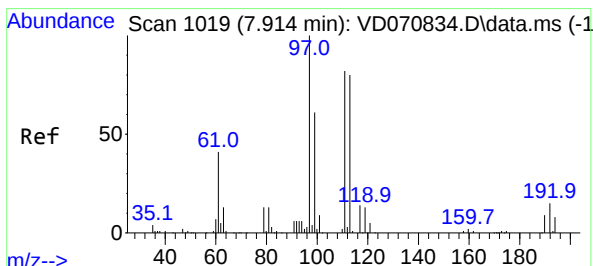
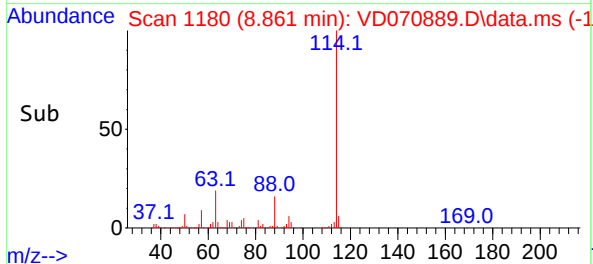
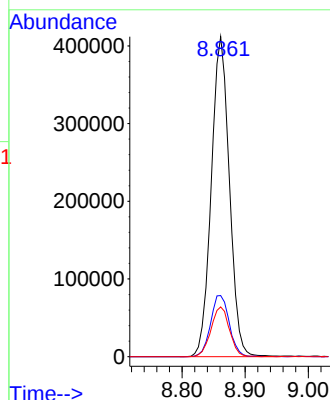
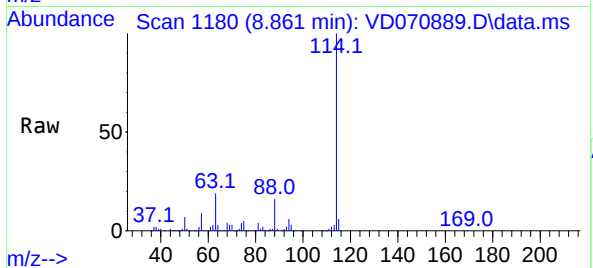


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070889.D
Acq: 28 Oct 2021 13:32

Instrument :
MSVOA_D
ClientSampled :
TH-GS

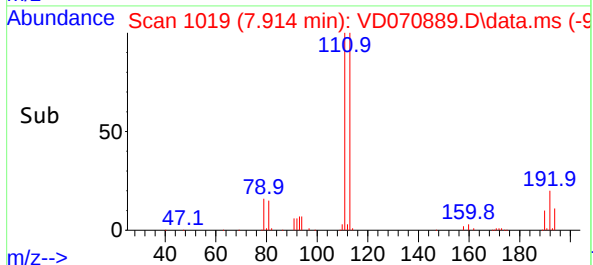
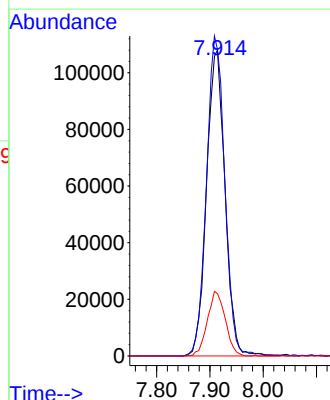
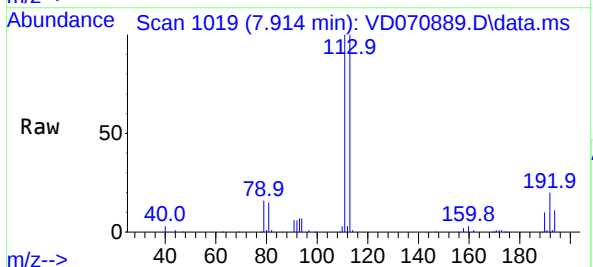
Tgt Ion:114 Resp: 818814
Ion Ratio Lower Upper
114 100
63 19.1 0.0 41.8
88 15.5 0.0 32.8

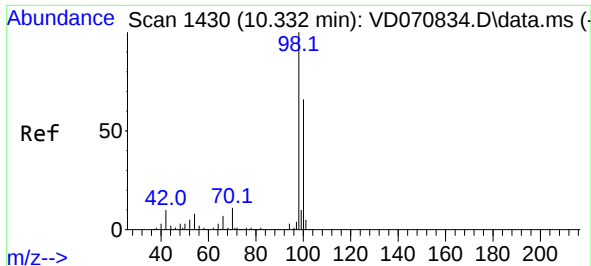


#35

Dibromofluoromethane
Concen: 48.070 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070889.D
Acq: 28 Oct 2021 13:32

Tgt Ion:113 Resp: 259524
Ion Ratio Lower Upper
113 100
111 104.0 82.0 123.0
192 20.5 15.2 22.8

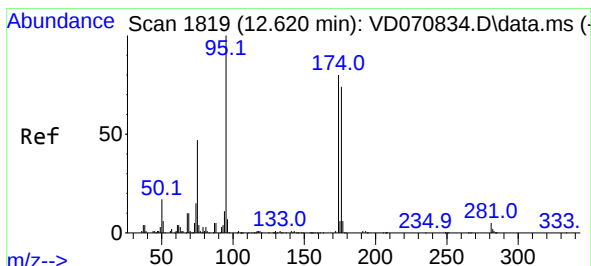
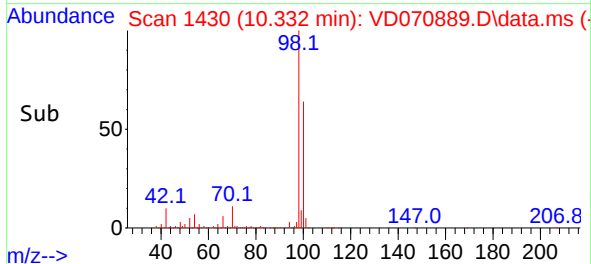
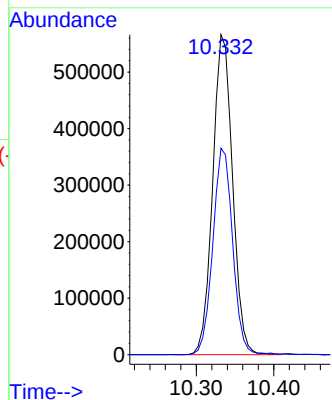
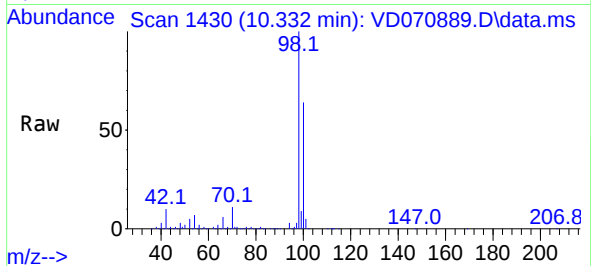




#50
Toluene-d8
Concen: 49.767 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD070889.D
Acq: 28 Oct 2021 13:32

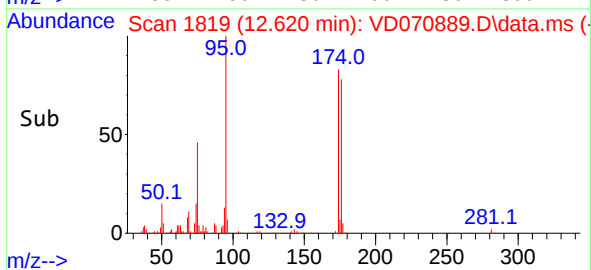
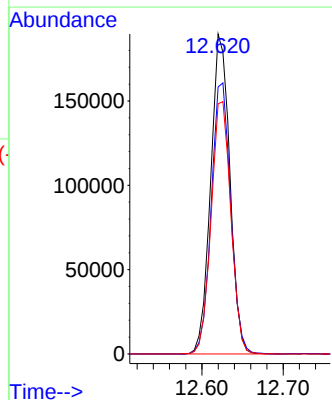
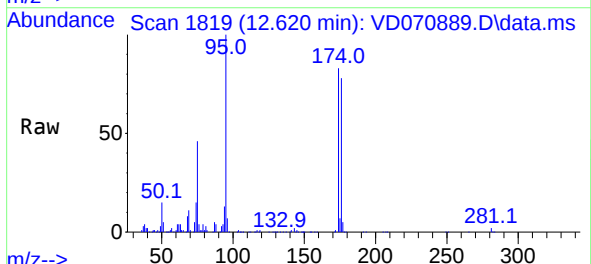
Instrument :
MSVOA_D
ClientSampled :
TH-GS

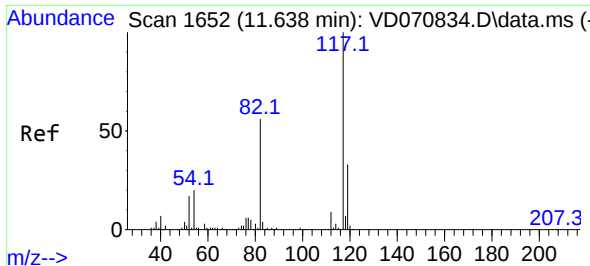
Tgt Ion: 98 Resp: 1010841
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 46.388 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD070889.D
Acq: 28 Oct 2021 13:32

Tgt Ion: 95 Resp: 310873
Ion Ratio Lower Upper
95 100
174 86.1 0.0 159.4
176 81.1 0.0 154.0

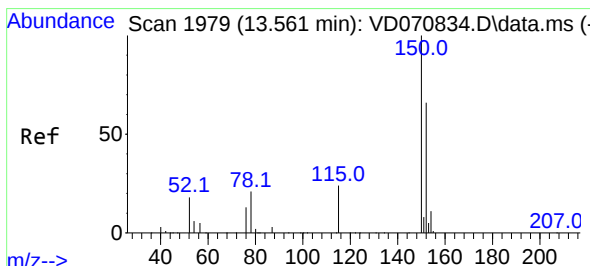
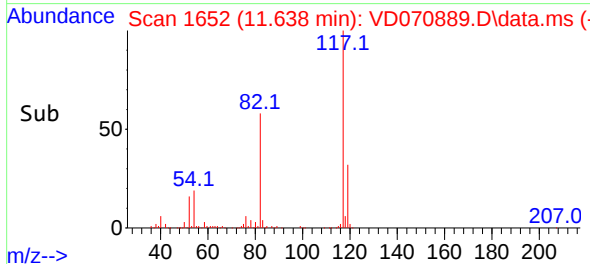
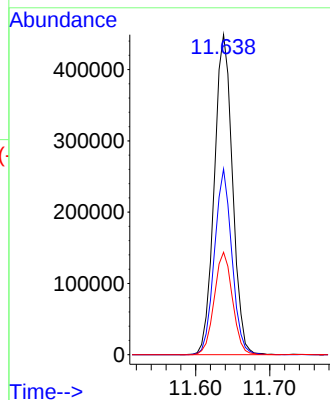
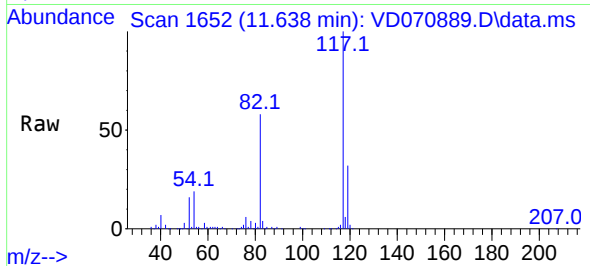




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070889.D
Acq: 28 Oct 2021 13:32

Instrument :
MSVOA_D
ClientSampleId :
TH-GS

Tgt Ion:117 Resp: 766310
Ion Ratio Lower Upper
117 100
82 58.0 44.7 67.1
119 32.0 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD070889.D
Acq: 28 Oct 2021 13:32

Tgt Ion:152 Resp: 335124
Ion Ratio Lower Upper
152 100
115 57.9 29.8 89.3
150 157.0 0.0 349.2

