

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102721\
 Data File : VD070866.D
 Acq On : 27 Oct 2021 16:16
 Operator : VA/SY
 Sample : M4358-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TH-FS

Quant Time: Oct 28 03:57:17 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	310983	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	577787	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	600190	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	268177	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	200718	64.174	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.340%
35) Dibromofluoromethane	7.914	113	215527	56.574	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.140%
50) Toluene-d8	10.337	98	764390	53.333	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.660%
62) 4-Bromofluorobenzene	12.625	95	239529	50.652	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.300%

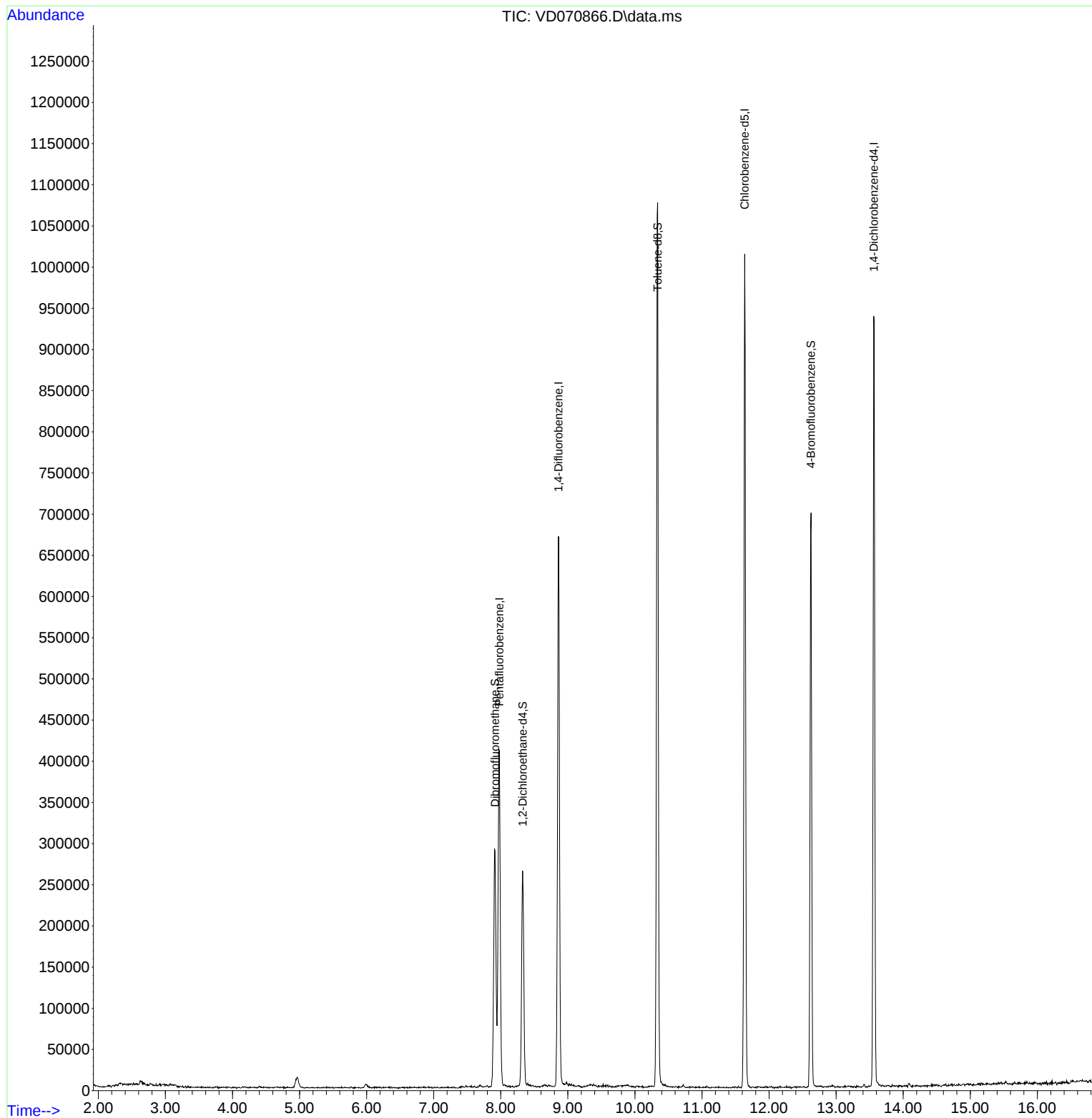
Target Compounds	Qvalue

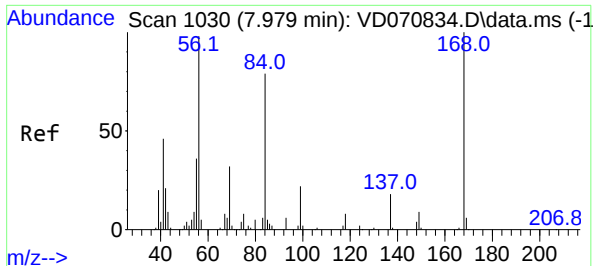
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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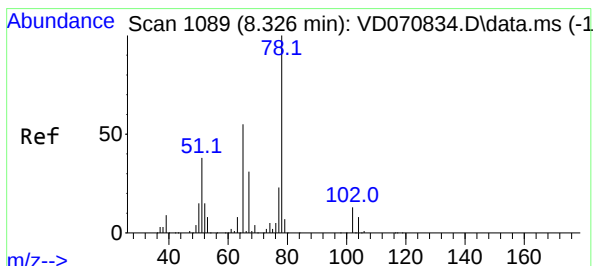
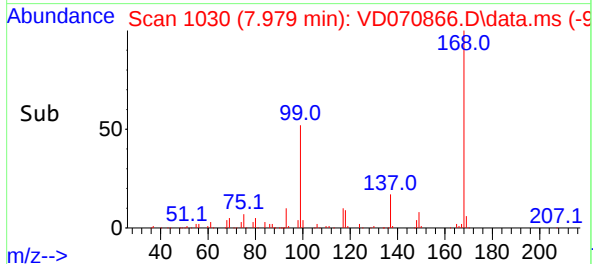
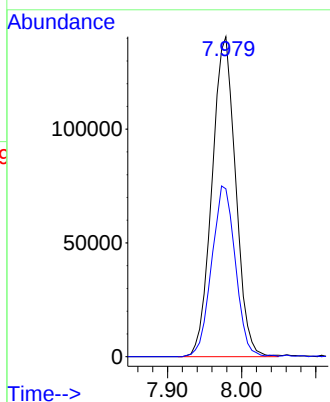
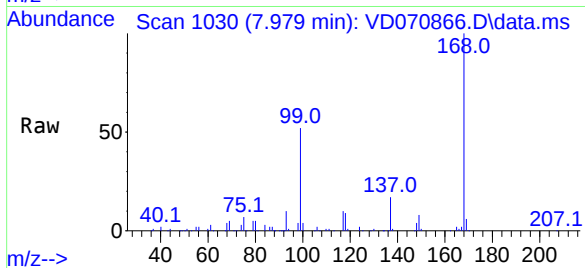




Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070866.D
Acq: 27 Oct 2021 16:16

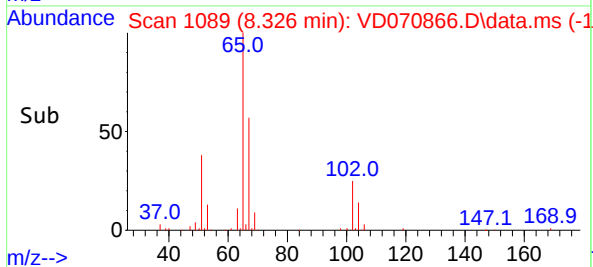
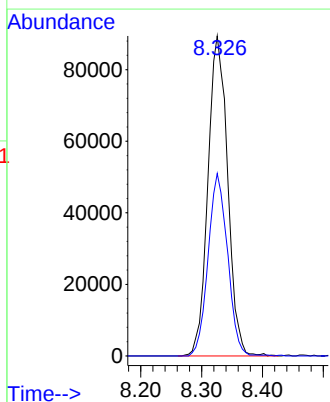
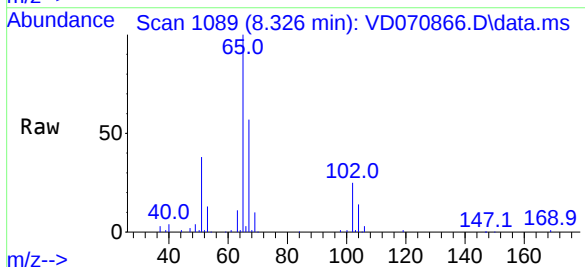
Instrument :
MSVOA_D
ClientSampled :
TH-FS

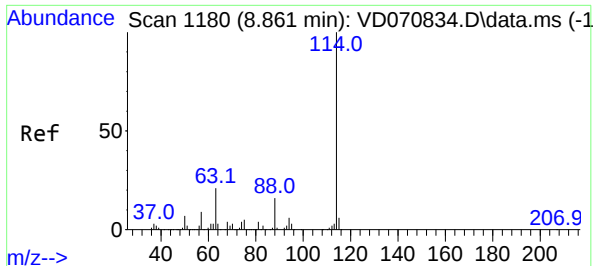
Tgt Ion:168 Resp: 310983
Ion Ratio Lower Upper
168 100
99 52.5 46.6 69.8



1,2-Dichloroethane-d4
Concen: 64.174 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070866.D
Acq: 27 Oct 2021 16:16

Tgt Ion: 65 Resp: 200718
Ion Ratio Lower Upper
65 100
67 56.4 0.0 112.2



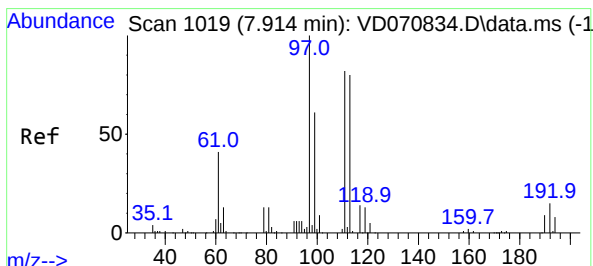
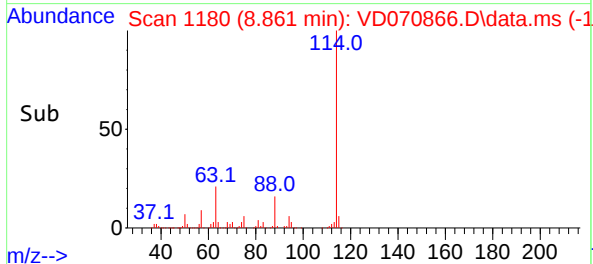
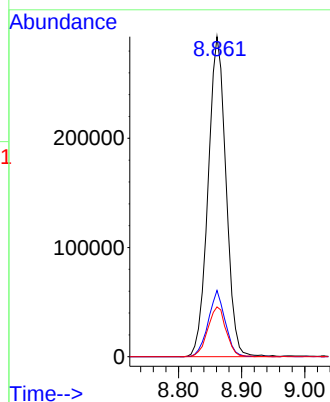
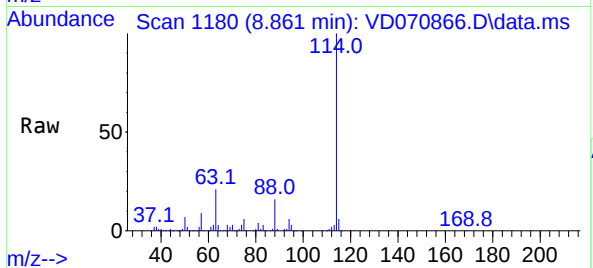


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070866.D
Acq: 27 Oct 2021 16:16

Instrument :
MSVOA_D
ClientSampled :
TH-FS

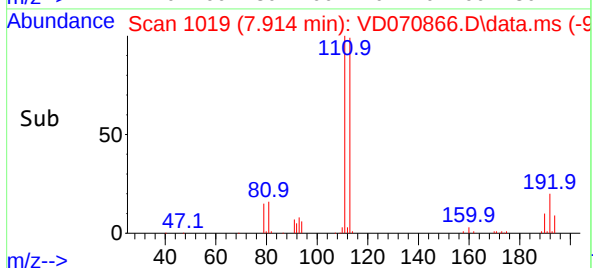
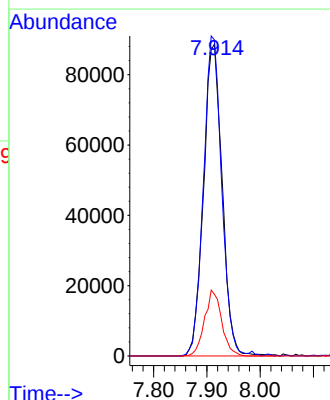
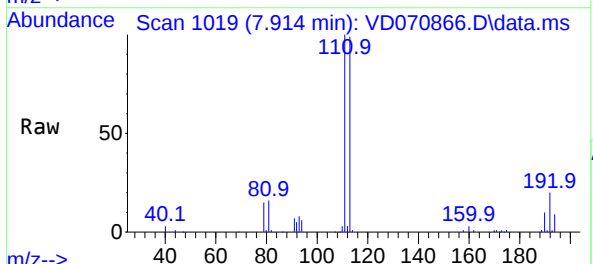
Tgt Ion:114 Resp: 577787
Ion Ratio Lower Upper
114 100
63 20.7 0.0 41.8
88 15.6 0.0 32.8

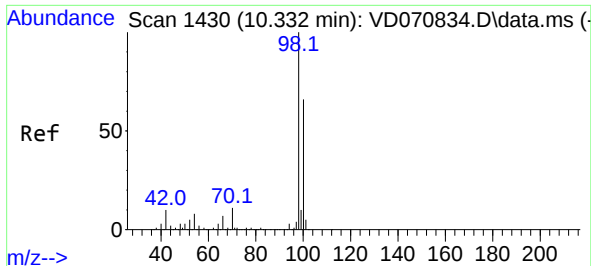


#35

Dibromofluoromethane
Concen: 56.574 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070866.D
Acq: 27 Oct 2021 16:16

Tgt Ion:113 Resp: 215527
Ion Ratio Lower Upper
113 100
111 100.0 82.0 123.0
192 19.4 15.2 22.8

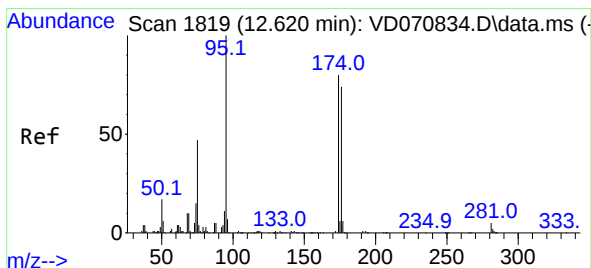
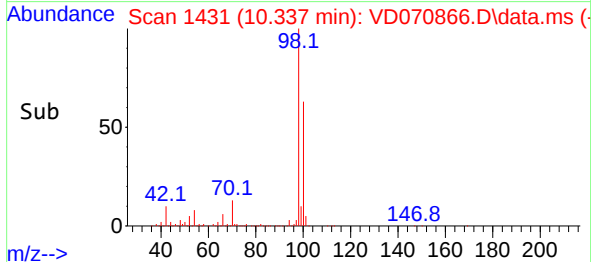
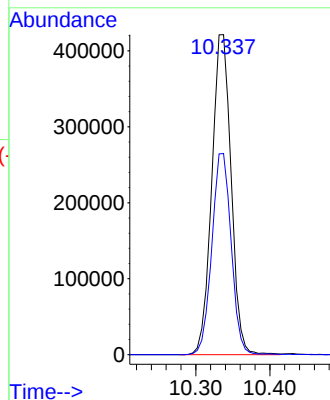
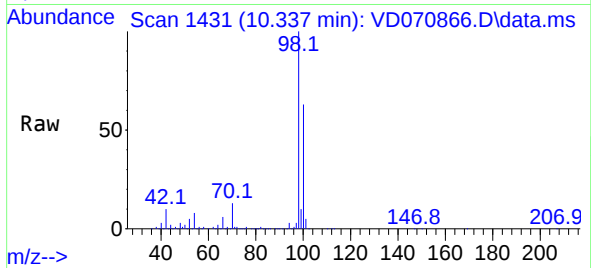




#50
Toluene-d8
Concen: 53.333 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070866.D
Acq: 27 Oct 2021 16:16

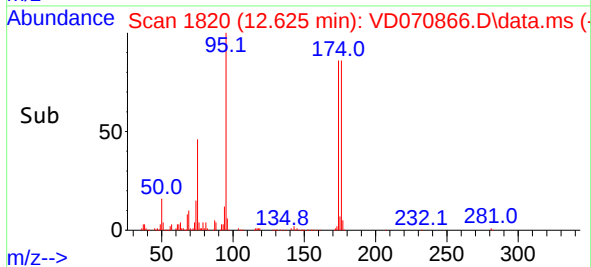
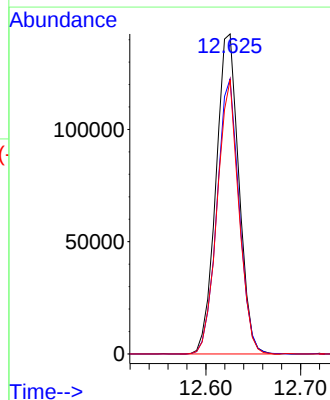
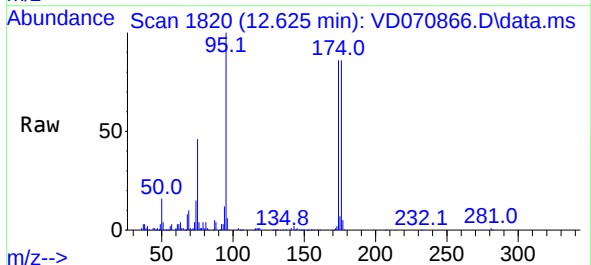
Instrument :
MSVOA_D
ClientSampled :
TH-FS

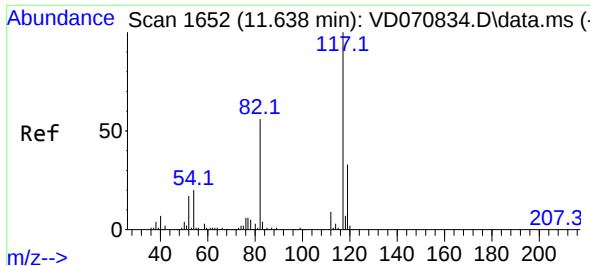
Tgt Ion: 98 Resp: 764390
Ion Ratio Lower Upper
98 100
100 62.9 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 50.652 ug/l
RT: 12.625 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD070866.D
Acq: 27 Oct 2021 16:16

Tgt Ion: 95 Resp: 239529
Ion Ratio Lower Upper
95 100
174 83.2 0.0 159.4
176 80.9 0.0 154.0

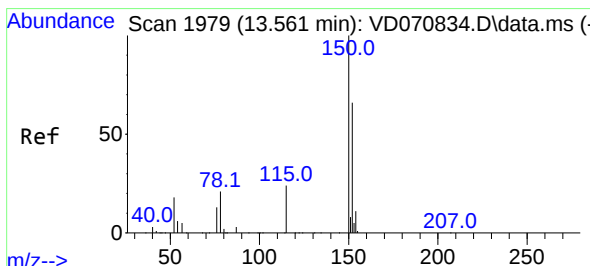
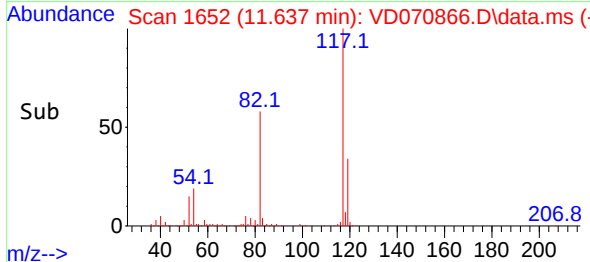
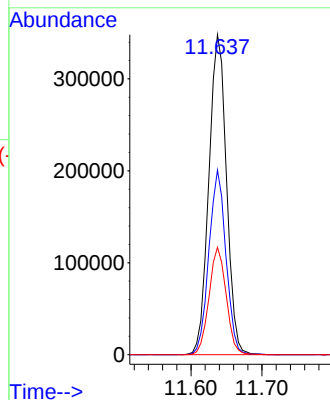
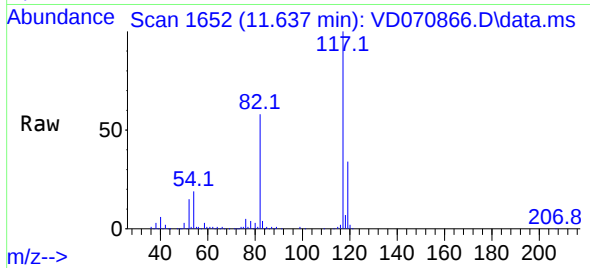




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070866.D
Acq: 27 Oct 2021 16:16

Instrument :
MSVOA_D
ClientSampled :
TH-FS

Tgt Ion:117 Resp: 600190
Ion Ratio Lower Upper
117 100
82 57.7 44.7 67.1
119 33.6 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: VD070866.D
Acq: 27 Oct 2021 16:16

Tgt Ion:152 Resp: 268177
Ion Ratio Lower Upper
152 100
115 57.9 29.8 89.3
150 157.1 0.0 349.2

