

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102121\
 Data File : VD070801.D
 Acq On : 21 Oct 2021 15:18
 Operator : VA/SY
 Sample : M4285-16
 Misc : 5.51G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-FB-(1)

Quant Time: Oct 22 06:15:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 18 08:32:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	419619	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	782269	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	740590	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	298424	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	283029	56.946	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.900%
35) Dibromofluoromethane	7.914	113	257354	51.379	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.760%
50) Toluene-d8	10.337	98	1021553	53.203	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.400%
62) 4-Bromofluorobenzene	12.620	95	313378	47.399	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.800%

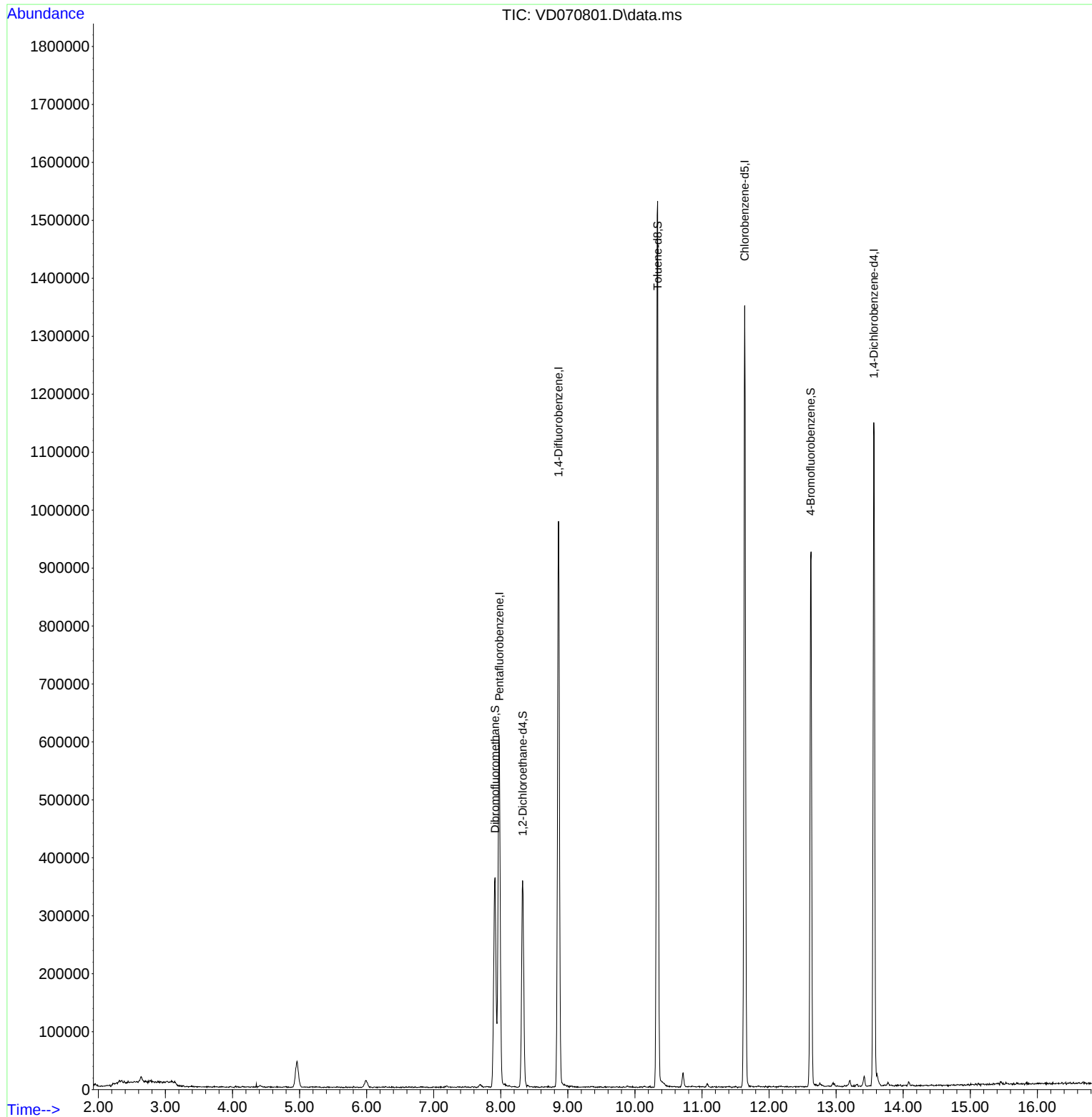
Target Compounds	Qvalue

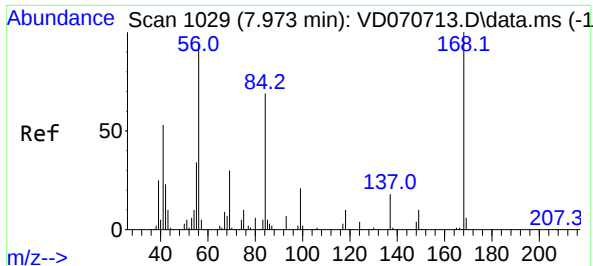
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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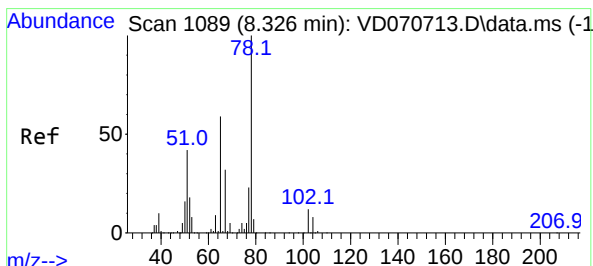
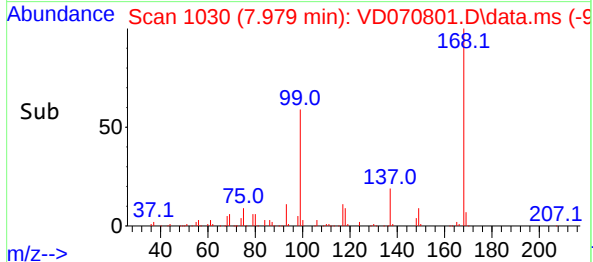
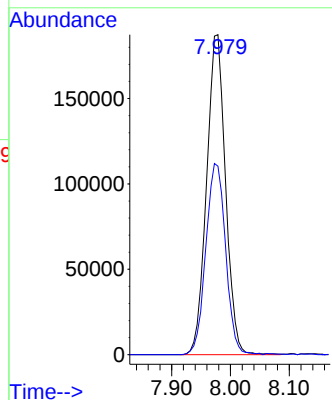
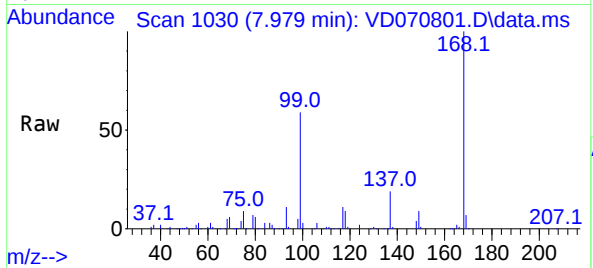




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD070801.D
Acq: 21 Oct 2021 15:18

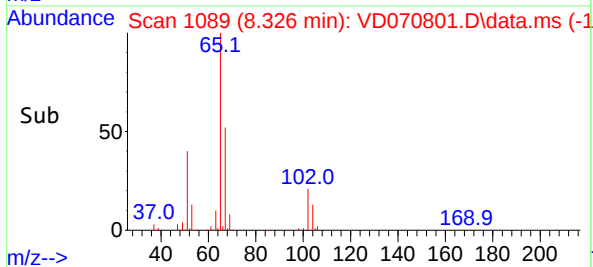
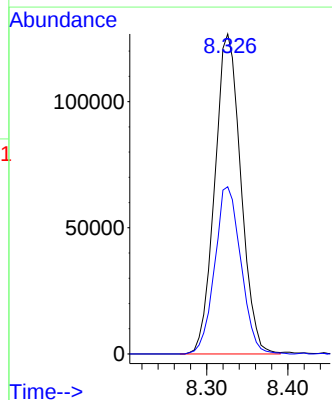
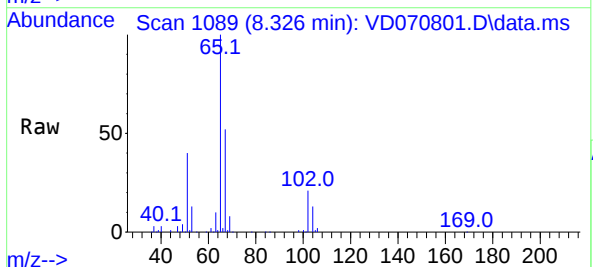
Instrument :
MSVOA_D
ClientSampleId :
MH-FB-(1)

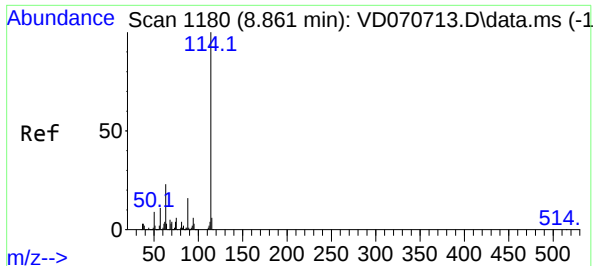
Tgt Ion:168 Resp: 419619
Ion Ratio Lower Upper
168 100
99 58.9 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 56.946 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070801.D
Acq: 21 Oct 2021 15:18

Tgt Ion: 65 Resp: 283029
Ion Ratio Lower Upper
65 100
67 52.5 0.0 110.2



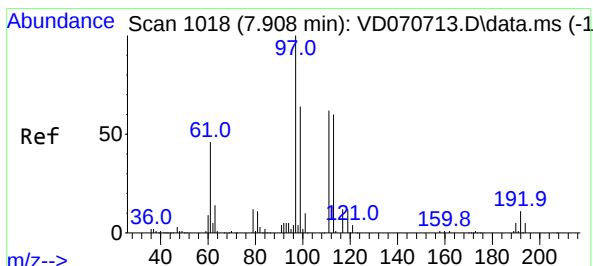
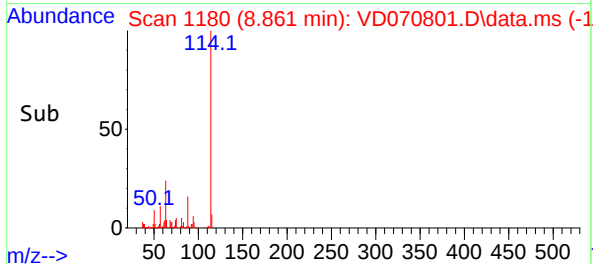
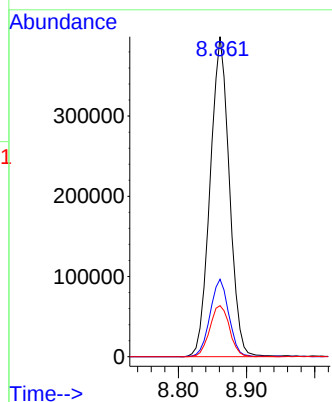
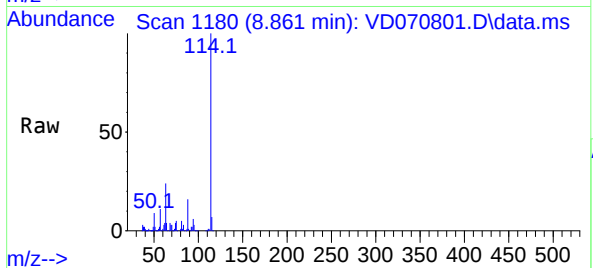


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070801.D
Acq: 21 Oct 2021 15:18

Instrument :
MSVOA_D
ClientSampleID :
MH-FB-(1)

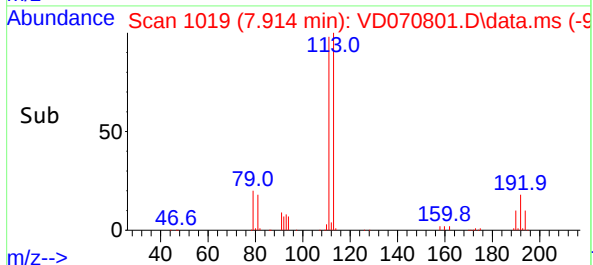
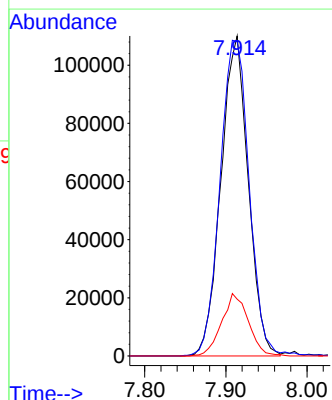
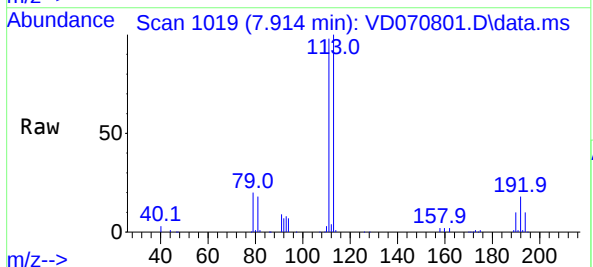
Tgt Ion:114 Resp: 782269
Ion Ratio Lower Upper
114 100
63 24.2 0.0 41.8
88 16.0 0.0 32.6

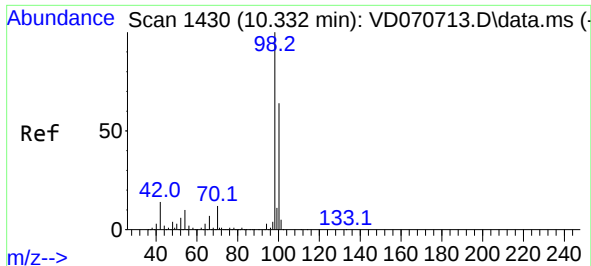


#35

Dibromofluoromethane
Concen: 51.379 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD070801.D
Acq: 21 Oct 2021 15:18

Tgt Ion:113 Resp: 257354
Ion Ratio Lower Upper
113 100
111 105.4 83.1 124.7
192 19.1 12.7 19.1

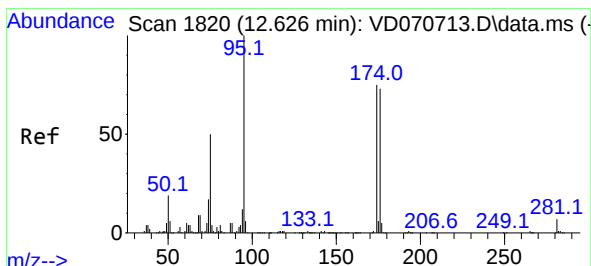
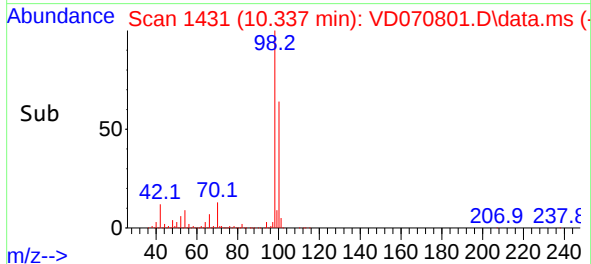
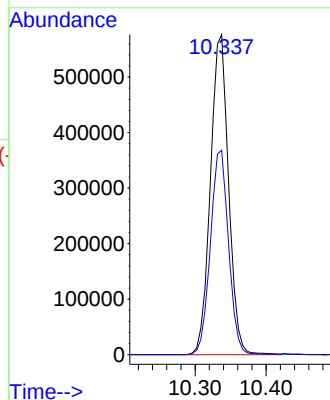
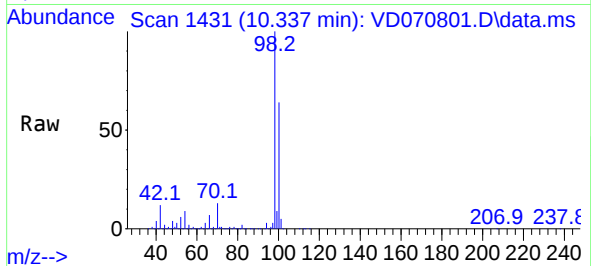




#50
Toluene-d8
Concen: 53.203 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070801.D
Acq: 21 Oct 2021 15:18

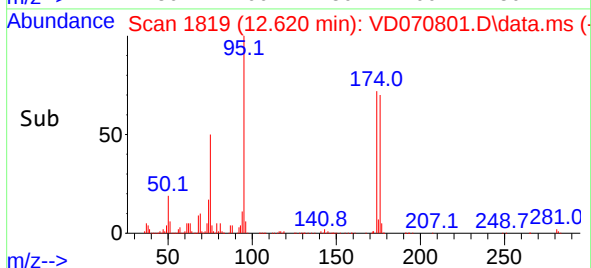
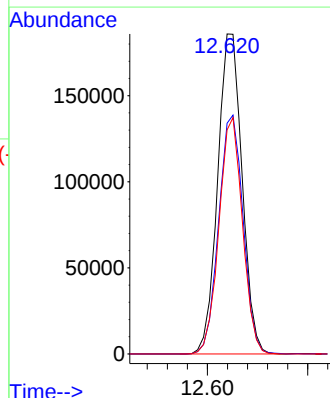
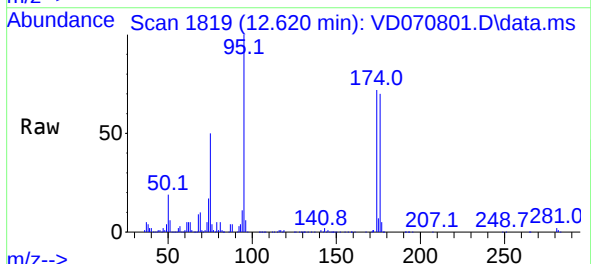
Instrument :
MSVOA_D
ClientSampleId :
MH-FB-(1)

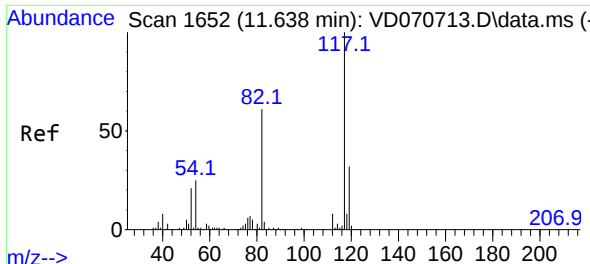
Tgt Ion: 98 Resp: 1021553
Ion Ratio Lower Upper
98 100
100 64.1 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 47.399 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070801.D
Acq: 21 Oct 2021 15:18

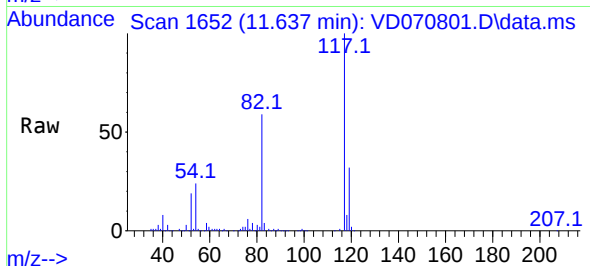
Tgt Ion: 95 Resp: 313378
Ion Ratio Lower Upper
95 100
174 74.6 0.0 138.0
176 71.0 0.0 135.6



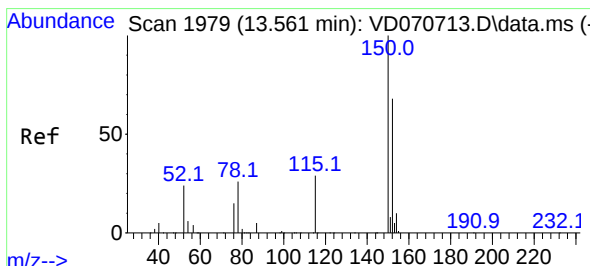
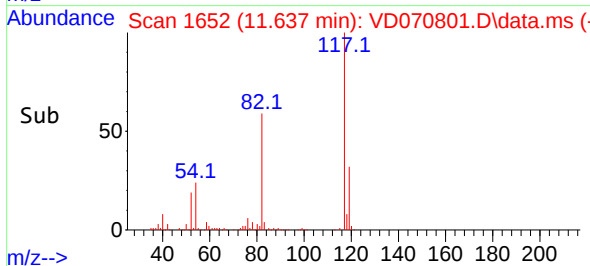
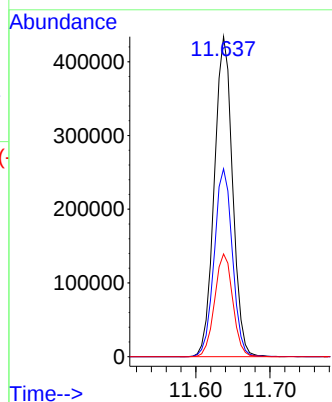


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070801.D
Acq: 21 Oct 2021 15:18

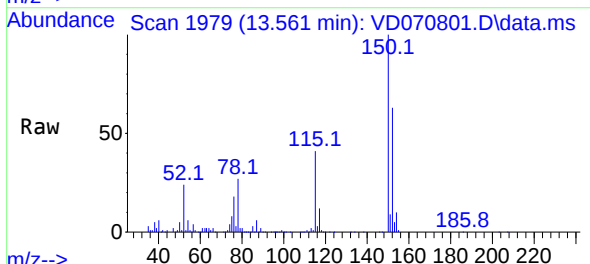
Instrument :
MSVOA_D
ClientSampleId :
MH-FB-(1)



Tgt Ion:117 Resp: 740590
Ion Ratio Lower Upper
117 100
82 58.7 45.4 68.2
119 32.1 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD070801.D
Acq: 21 Oct 2021 15:18



Tgt Ion:152 Resp: 298424
Ion Ratio Lower Upper
152 100
115 61.3 31.9 95.7
150 155.8 0.0 350.0

