

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012424\
 Data File : VD078224.D
 Acq On : 24 Jan 2024 15:46
 Operator : RP/MD
 Sample : P1233-01RE
 Misc : 5.08G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 69-TP-1RE

Quant Time: Jan 25 00:27:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 23 05:43:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	14375	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	31560	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	34643	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	15157	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.240	65	13334	81.253	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	162.500%
35) Dibromofluoromethane	7.804	113	11557	55.641	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.280%
50) Toluene-d8	10.269	98	39618	48.171	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.340%
62) 4-Bromofluorobenzene	12.575	95	13087	54.870	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	109.740%

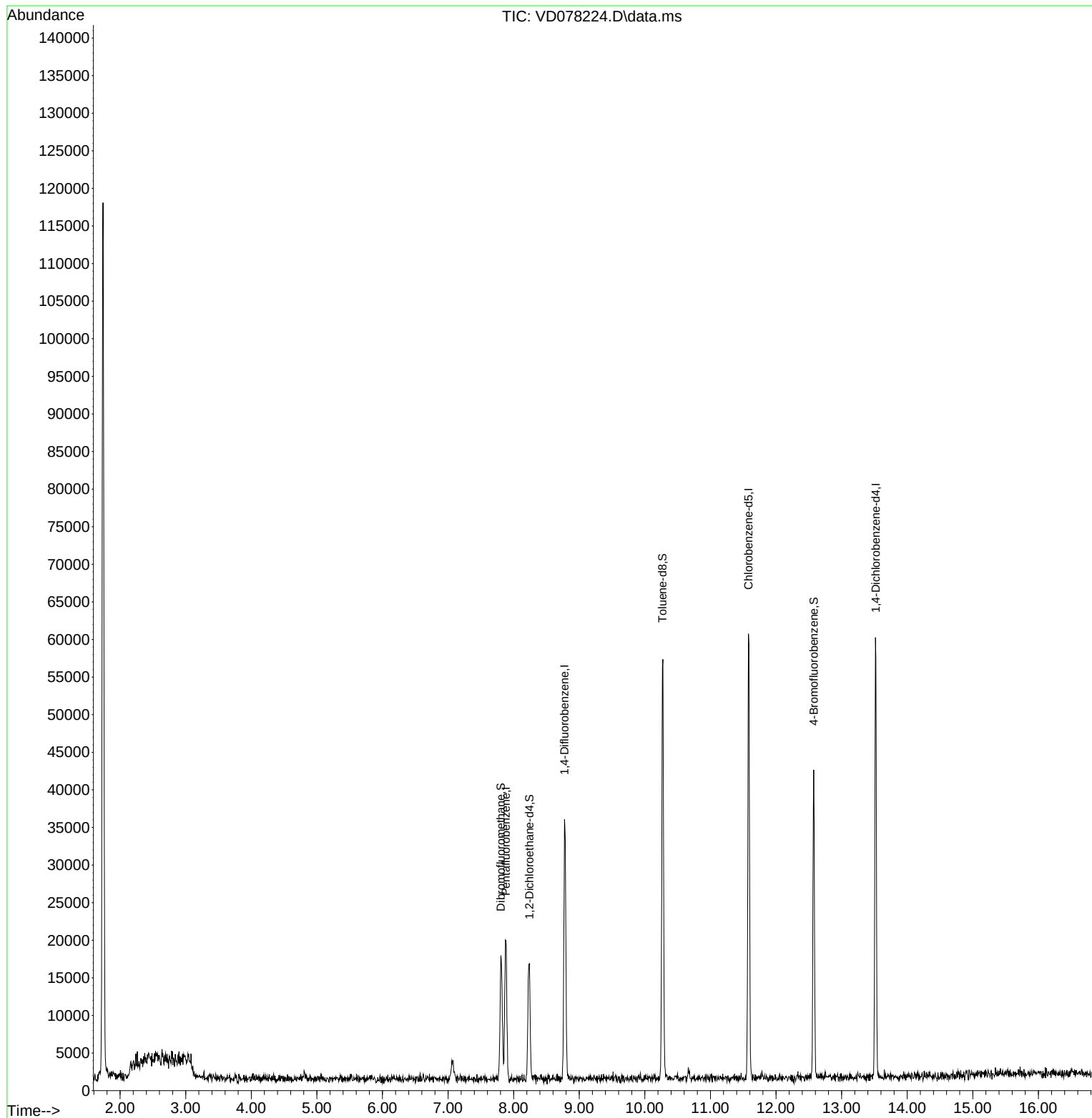
Target Compounds	Qvalue

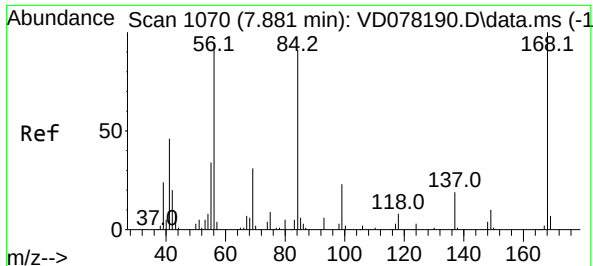
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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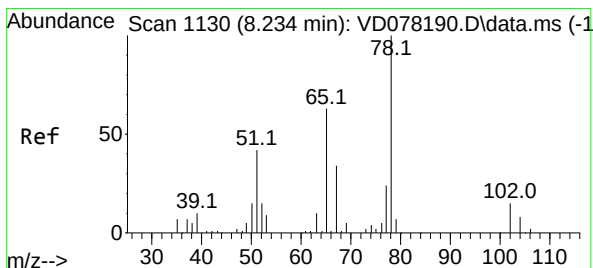
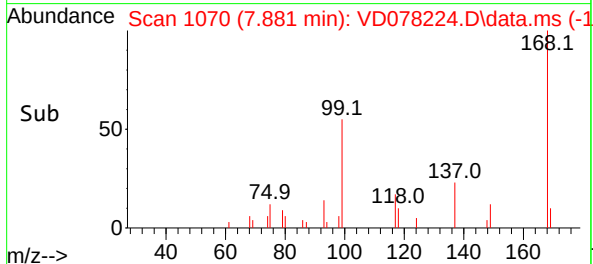
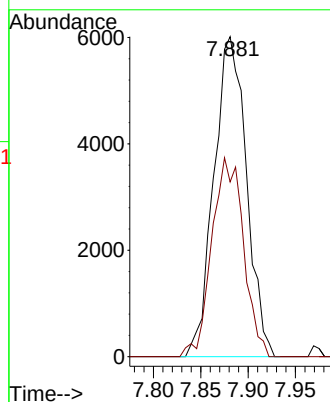
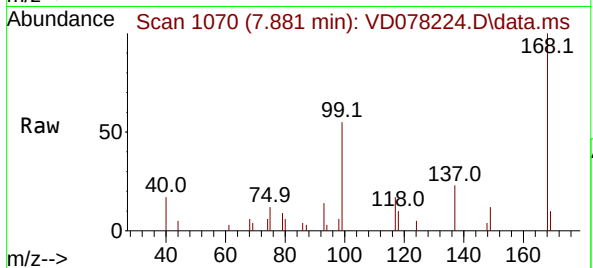




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078224.D
Acq: 24 Jan 2024 15:46

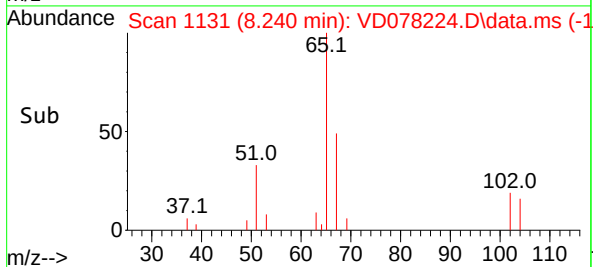
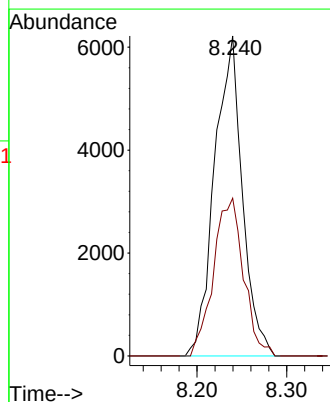
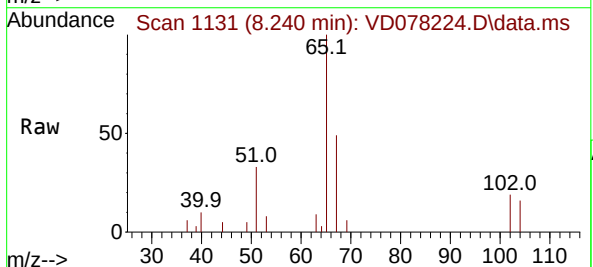
Instrument :
MSVOA_D
ClientSampleId :
69-TP-1RE

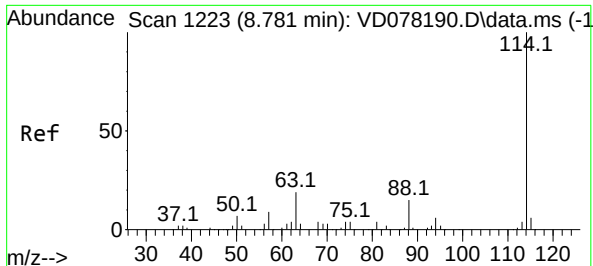
Tgt Ion:168 Resp: 14375
Ion Ratio Lower Upper
168 100
99 54.6 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 81.253 ug/l
RT: 8.240 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VD078224.D
Acq: 24 Jan 2024 15:46

Tgt Ion: 65 Resp: 13334
Ion Ratio Lower Upper
65 100
67 53.5 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD078224.D

Acq: 24 Jan 2024 15:46

Instrument :

MSVOA_D

ClientSampleId :

69-TP-1RE

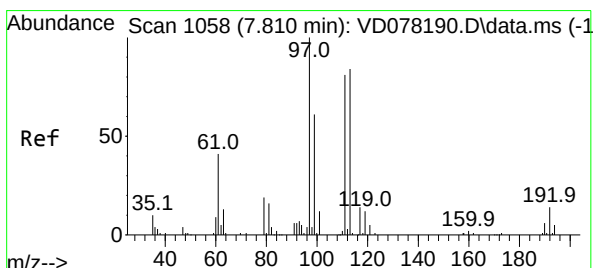
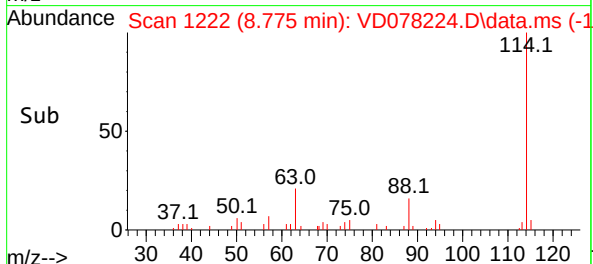
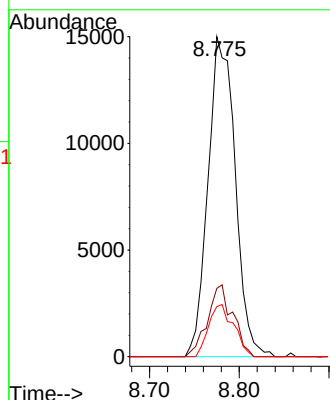
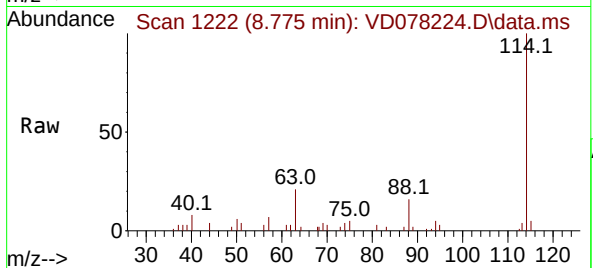
Tgt Ion:114 Resp: 31560

Ion Ratio Lower Upper

114 100

63 21.3 0.0 33.4

88 15.7 0.0 26.2



#35

Dibromofluoromethane

Concen: 55.641 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD078224.D

Acq: 24 Jan 2024 15:46

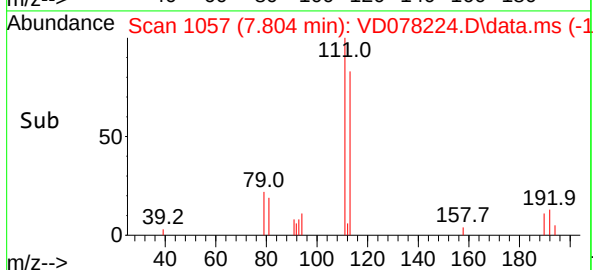
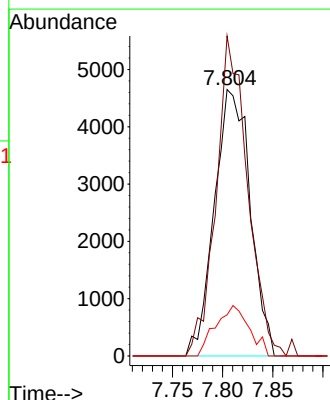
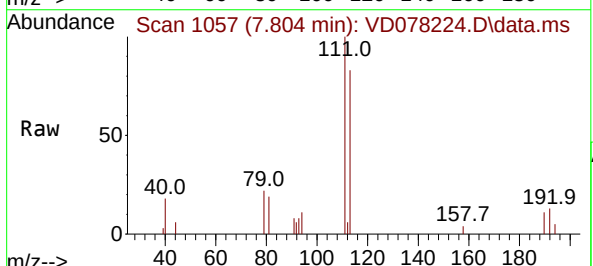
Tgt Ion:113 Resp: 11557

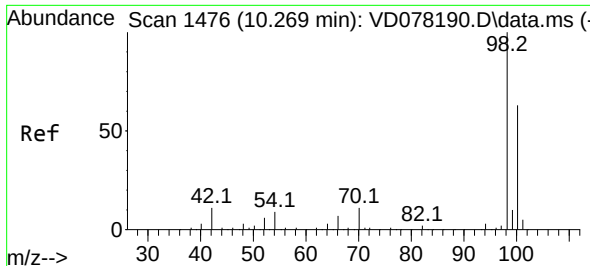
Ion Ratio Lower Upper

113 100

111 105.0 84.7 127.1

192 17.7 16.8 25.2

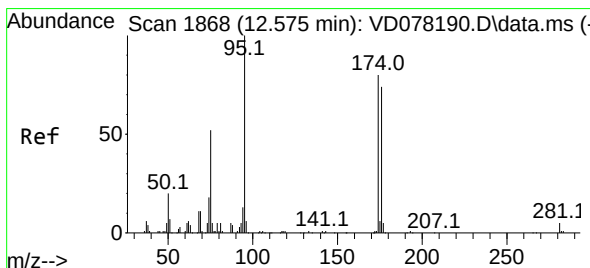
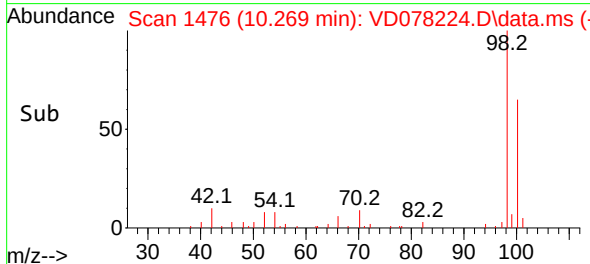
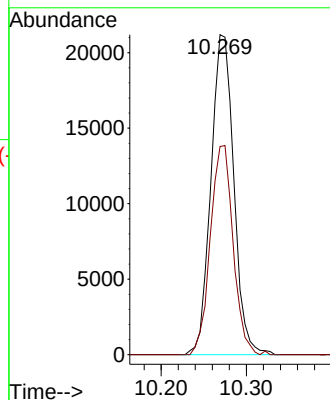
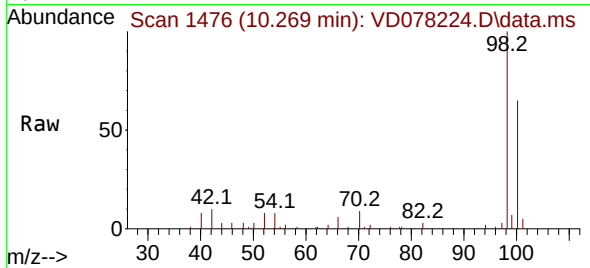




#50
Toluene-d8
Concen: 48.171 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078224.D
Acq: 24 Jan 2024 15:46

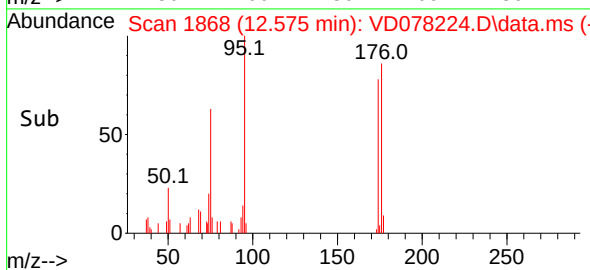
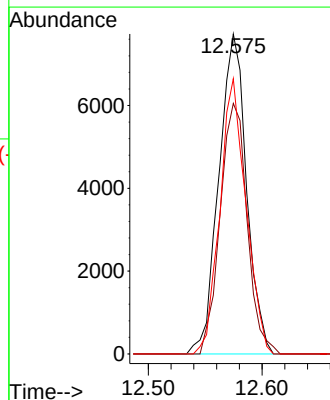
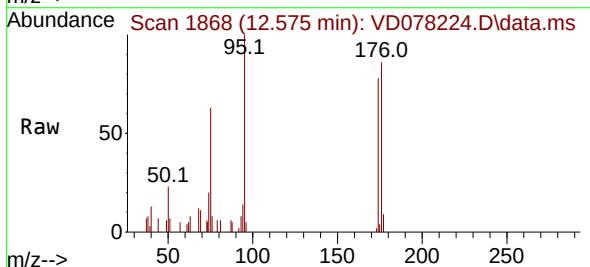
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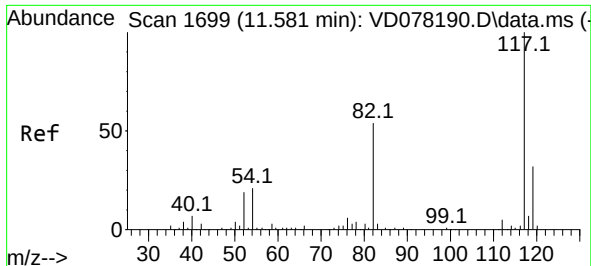
Tgt Ion: 98 Resp: 39618
Ion Ratio Lower Upper
98 100
100 64.8 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 54.870 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078224.D
Acq: 24 Jan 2024 15:46

Tgt Ion: 95 Resp: 13087
Ion Ratio Lower Upper
95 100
174 76.2 0.0 201.8
176 81.1 0.0 191.8

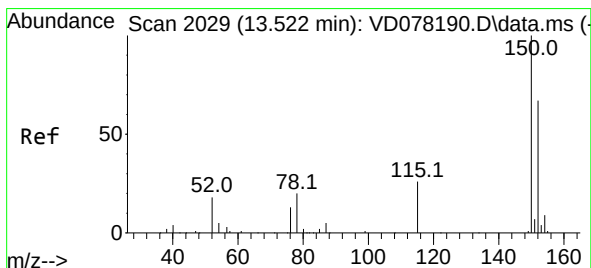
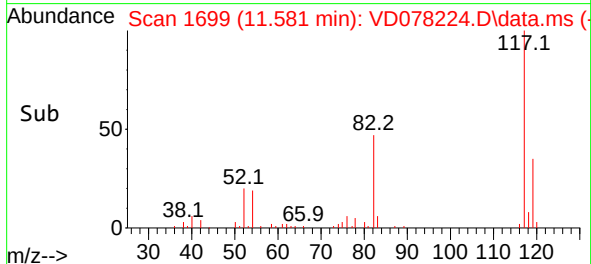
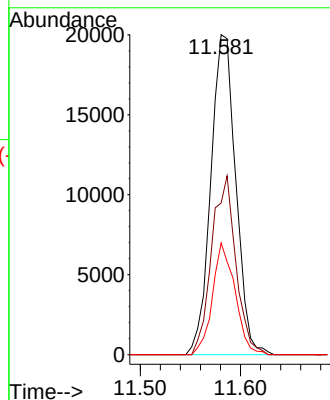
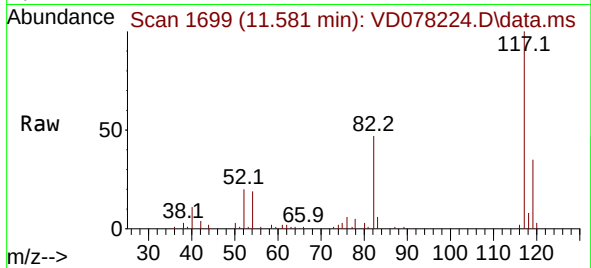




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD078224.D
Acq: 24 Jan 2024 15:46

Instrument :
MSVOA_D
ClientSampleId :
69-TP-1RE

Tgt Ion:117 Resp: 34643
Ion Ratio Lower Upper
117 100
82 47.4 38.3 57.5
119 34.9 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD078224.D
Acq: 24 Jan 2024 15:46

Tgt Ion:152 Resp: 15157
Ion Ratio Lower Upper
152 100
115 56.6 27.1 81.3
150 158.0 0.0 353.6

