

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080824\
 Data File : VD079673.D
 Acq On : 08 Aug 2024 18:03
 Operator : RP/MD
 Sample : P3464-01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TOPSOIL

Quant Time: Aug 09 01:10:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	196174	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	388896	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	350823	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	146781	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	112647	56.523	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.040%
35) Dibromofluoromethane	7.805	113	116122	44.115	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.240%
50) Toluene-d8	10.269	98	415186	40.617	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	81.240%
62) 4-Bromofluorobenzene	12.569	95	111350	37.643	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	75.280%

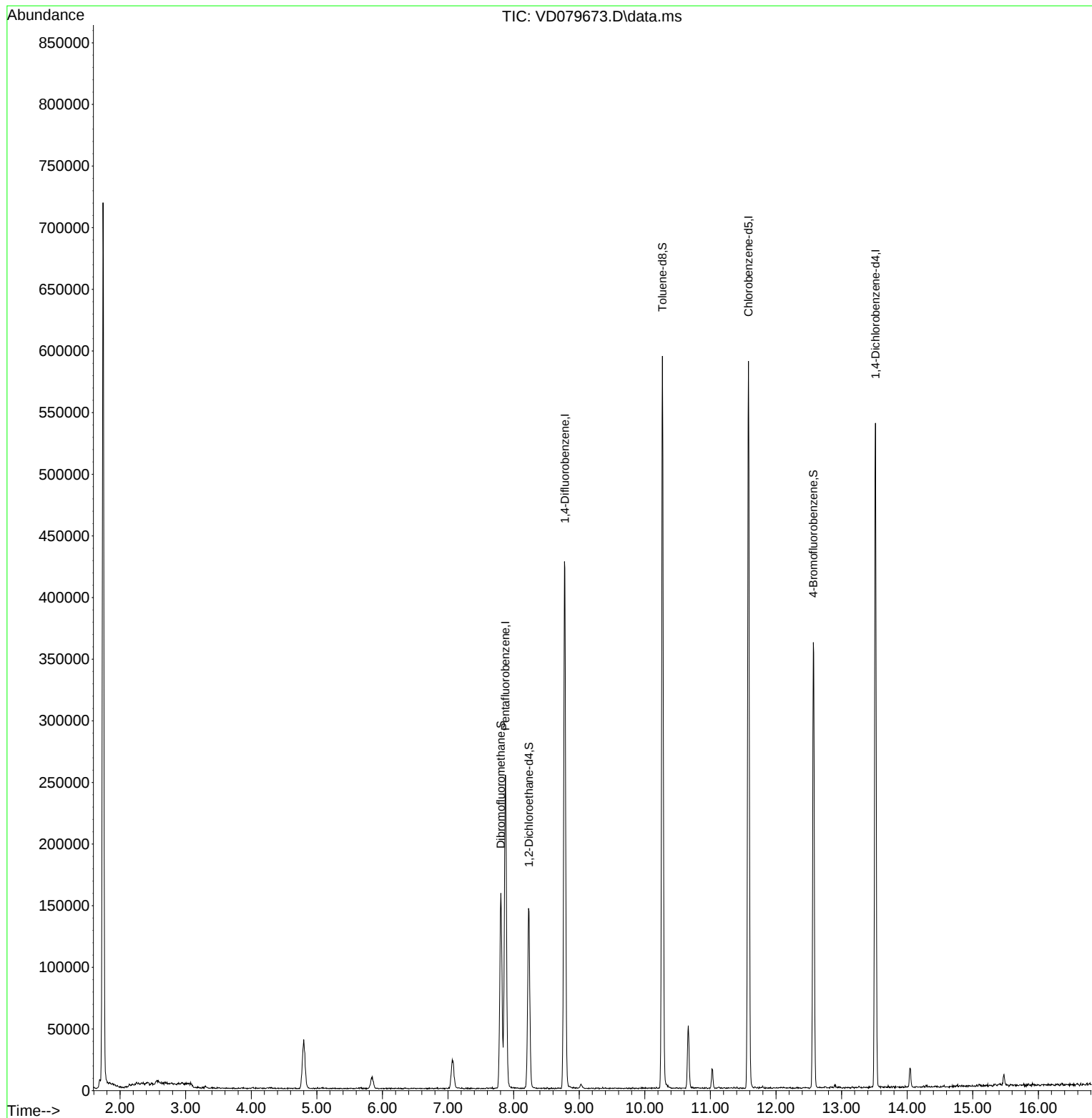
Target Compounds	Qvalue

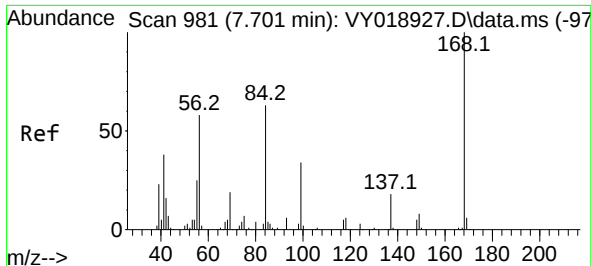
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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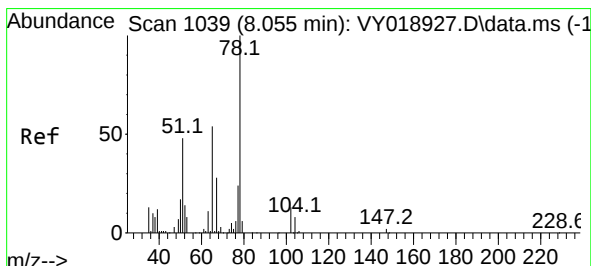
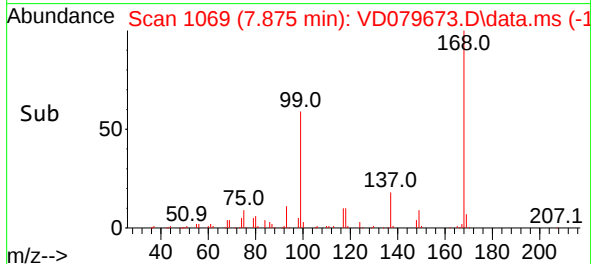
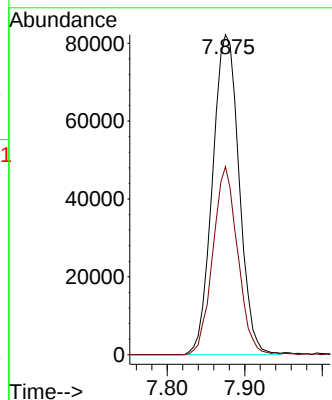
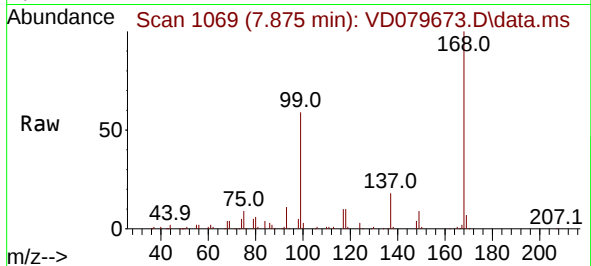




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD079673.D
Acq: 08 Aug 2024 18:03

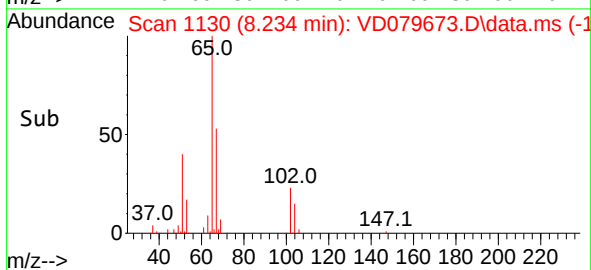
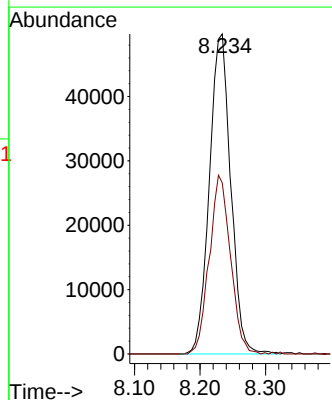
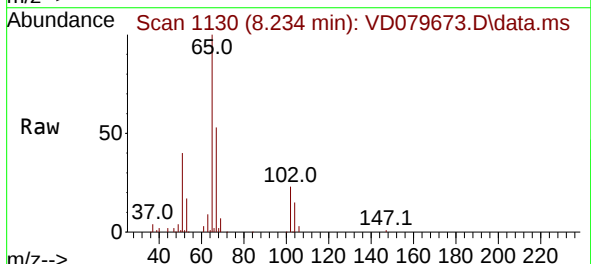
Instrument :
MSVOA_D
ClientSampleId :
TOPSOIL

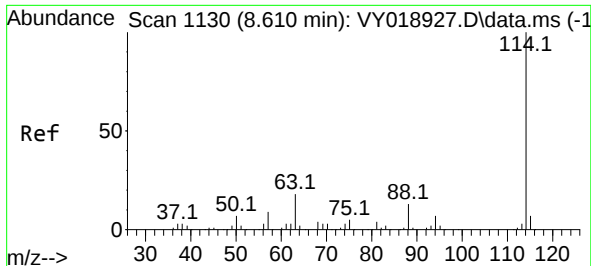
Tgt Ion:168 Resp: 196174
Ion Ratio Lower Upper
168 100
99 58.7 41.1 61.7



#33
1,2-Dichloroethane-d4
Concen: 56.523 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD079673.D
Acq: 08 Aug 2024 18:03

Tgt Ion: 65 Resp: 112647
Ion Ratio Lower Upper
65 100
67 55.4 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD079673.D

Acq: 08 Aug 2024 18:03

Instrument :

MSVOA_D

ClientSampleId :

TOPSOIL

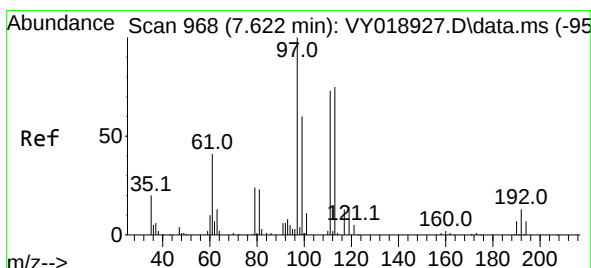
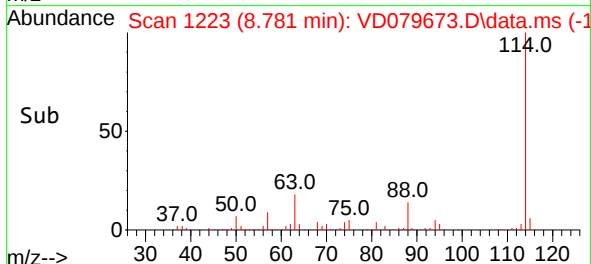
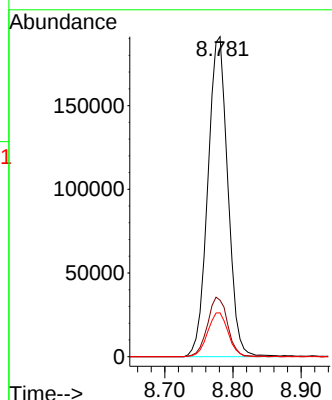
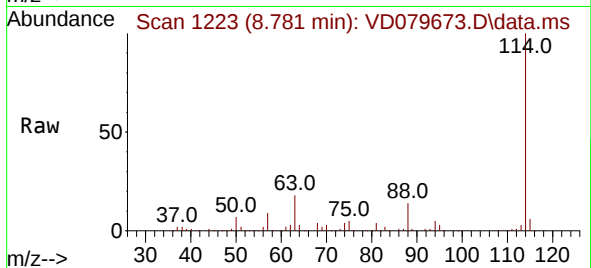
Tgt Ion:114 Resp: 388896

Ion Ratio Lower Upper

114 100

63 17.7 0.0 34.0

88 13.7 0.0 27.2



#35

Dibromofluoromethane

Concen: 44.115 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079673.D

Acq: 08 Aug 2024 18:03

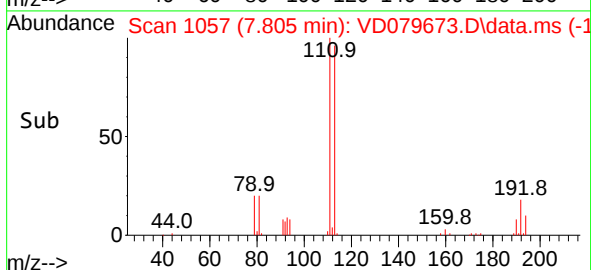
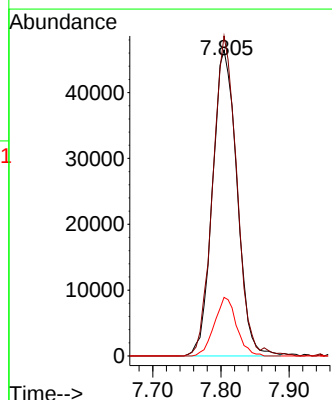
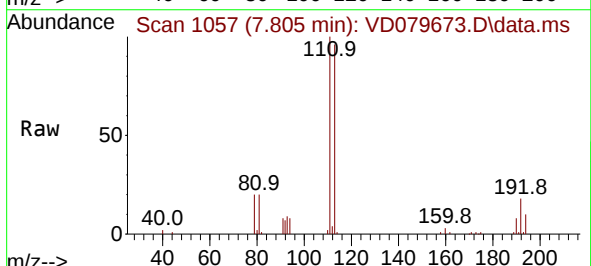
Tgt Ion:113 Resp: 116122

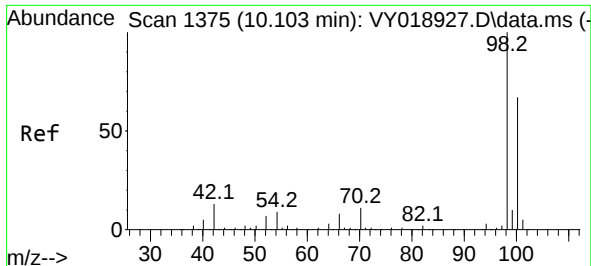
Ion Ratio Lower Upper

113 100

111 102.6 84.0 126.0

192 17.4 15.4 23.0

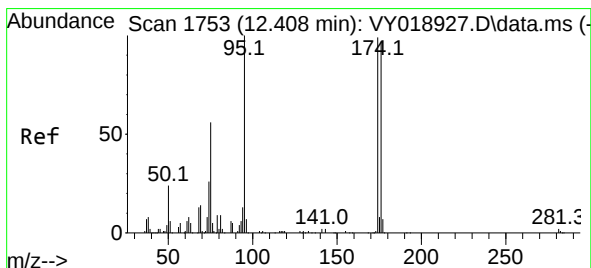
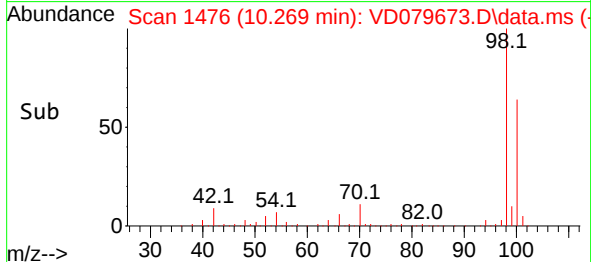
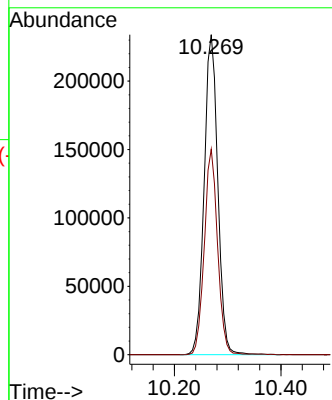
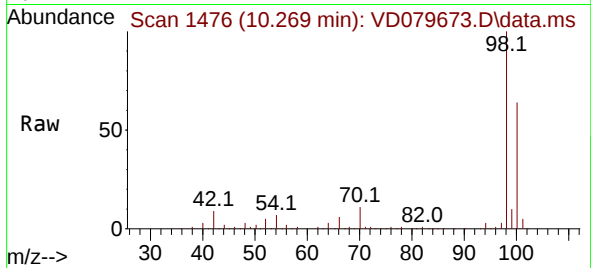




#50
Toluene-d8
Concen: 40.617 ug/l
RT: 10.269 min Scan# 14
Delta R.T. 0.006 min
Lab File: VD079673.D
Acq: 08 Aug 2024 18:03

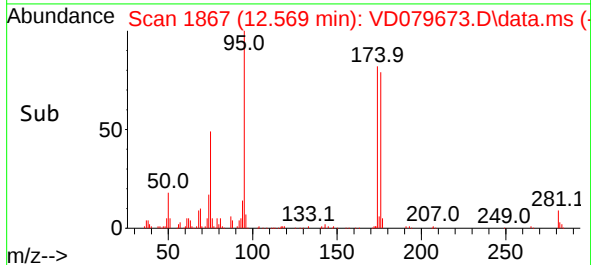
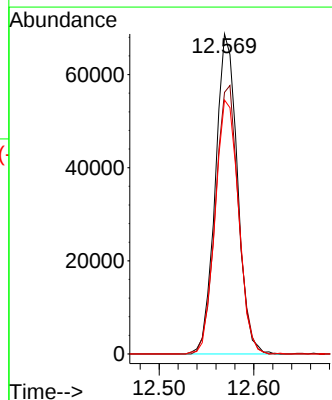
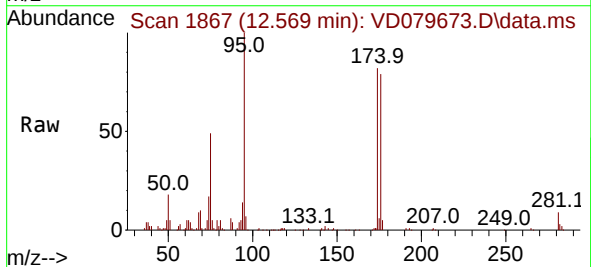
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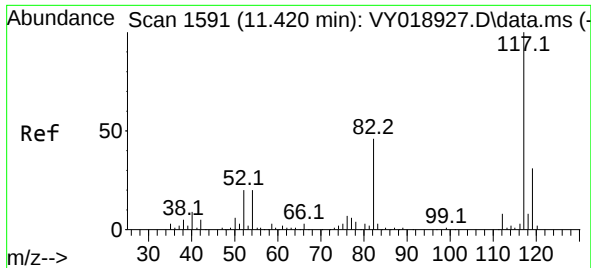
Tgt Ion: 98 Resp: 415186
Ion Ratio Lower Upper
98 100
100 62.5 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 37.643 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079673.D
Acq: 08 Aug 2024 18:03

Tgt Ion: 95 Resp: 111350
Ion Ratio Lower Upper
95 100
174 87.2 0.0 195.4
176 84.1 0.0 192.6

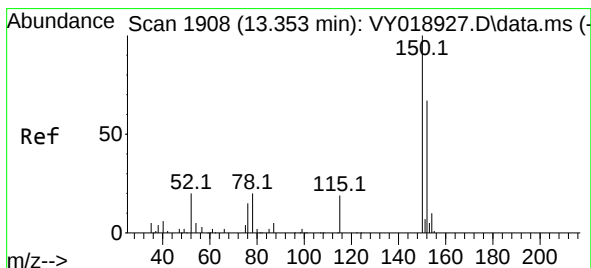
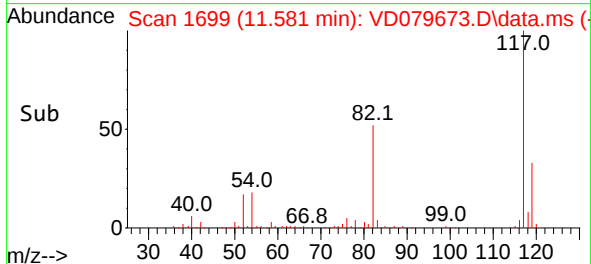
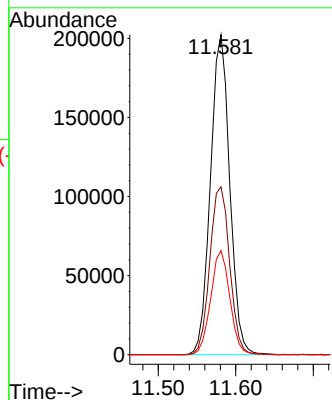
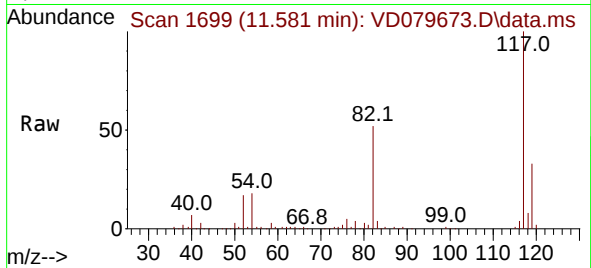




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079673.D
Acq: 08 Aug 2024 18:03

Instrument :
MSVOA_D
ClientSampleId :
TOPSOIL

Tgt Ion:117 Resp: 350823
Ion Ratio Lower Upper
117 100
82 52.5 39.8 59.6
119 32.5 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD079673.D
Acq: 08 Aug 2024 18:03

Tgt Ion:152 Resp: 146781
Ion Ratio Lower Upper
152 100
115 59.4 26.5 79.5
150 159.5 0.0 341.6

