

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101124\
 Data File : VD079967.D
 Acq On : 11 Oct 2024 16:05
 Operator : RP/MD
 Sample : VIBLK
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Oct 14 03:22:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101124S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 14 03:20:54 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	166613	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	278913	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	243280	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	109070	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	83915	44.276	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.560%
35) Dibromofluoromethane	7.799	113	90041	44.727	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.460%
50) Toluene-d8	10.269	98	308750	43.039	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	86.080%
62) 4-Bromofluorobenzene	12.569	95	94265	37.642	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	75.280%

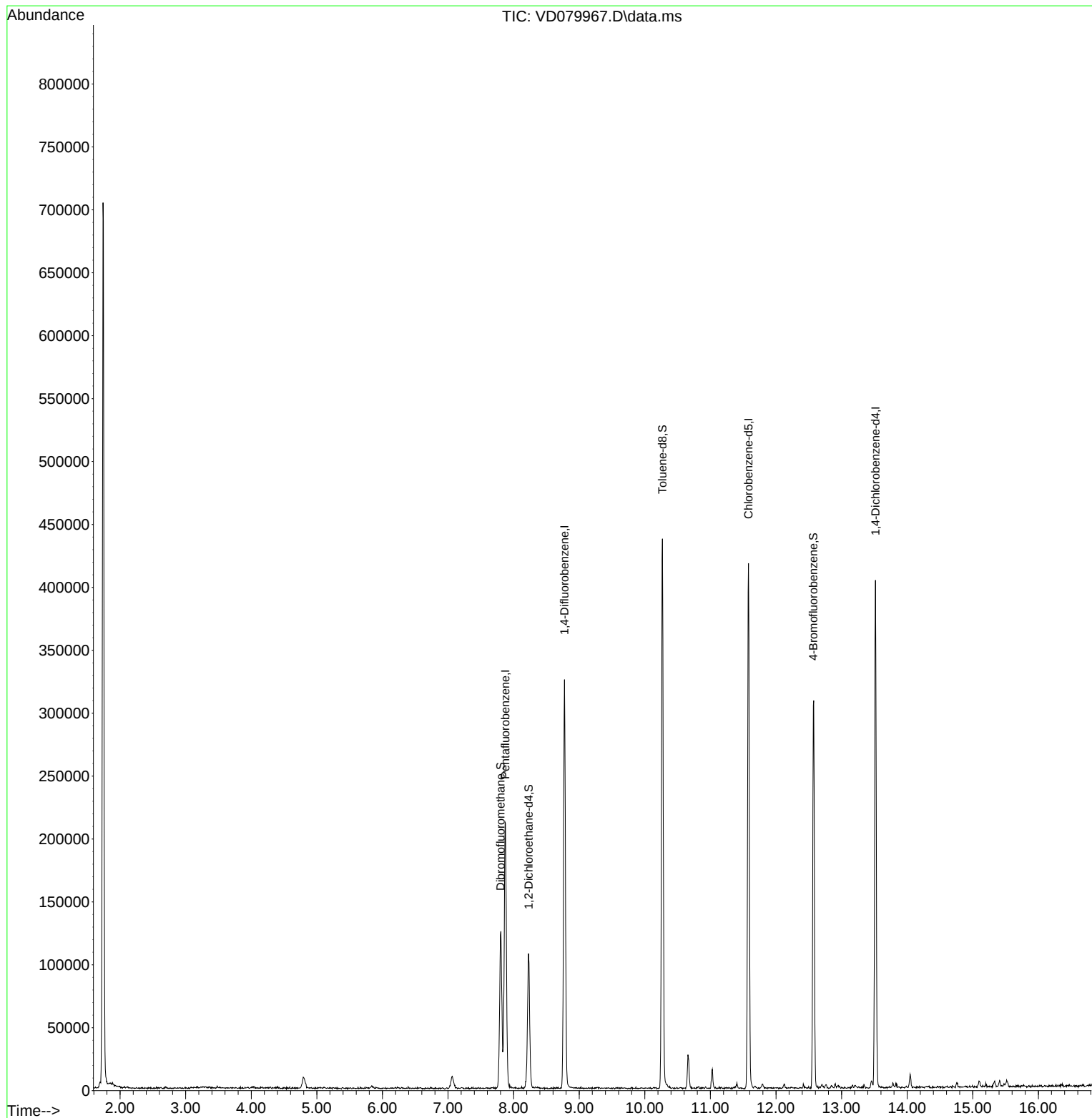
Target Compounds	Qvalue

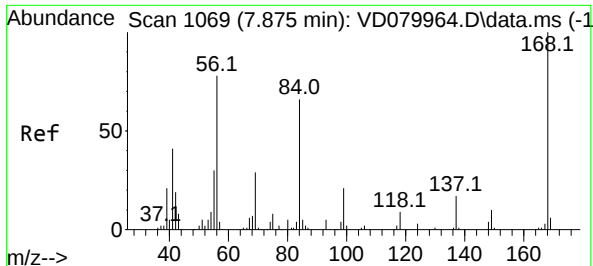
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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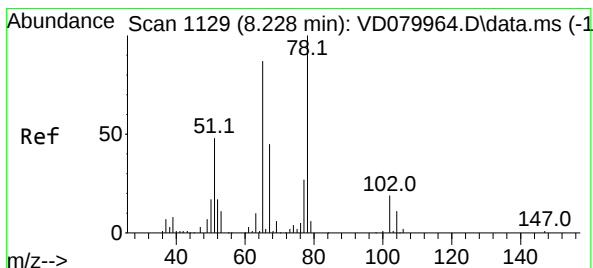
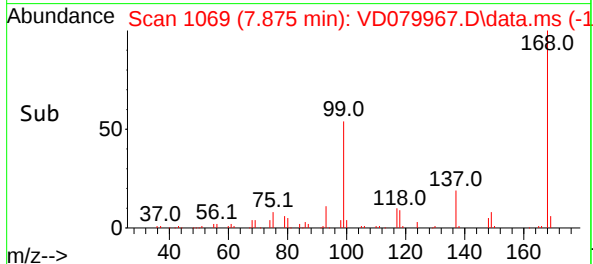
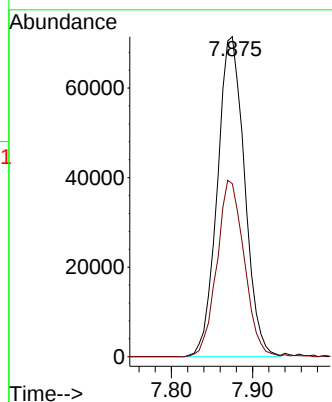
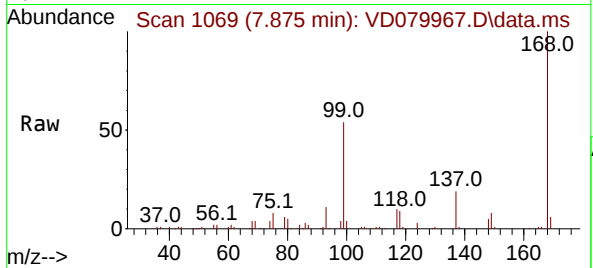




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079967.D
Acq: 11 Oct 2024 16:05

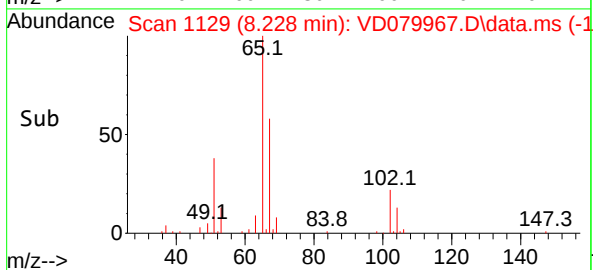
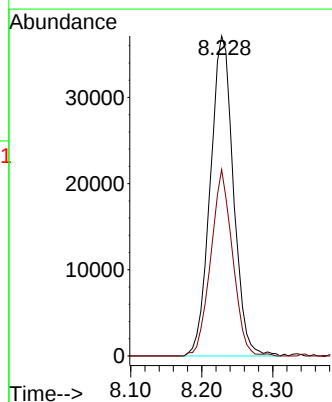
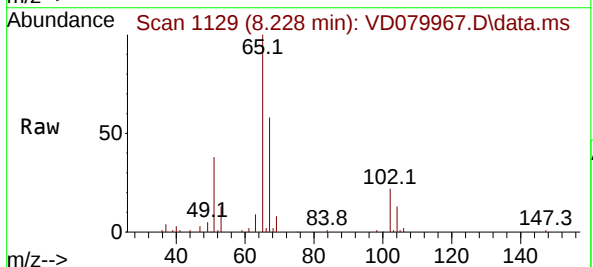
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

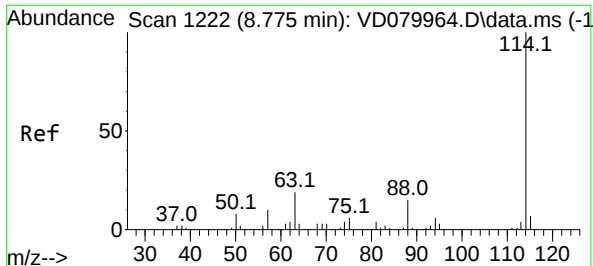
Tgt Ion:168 Resp: 166613
Ion Ratio Lower Upper
168 100
99 54.0 46.0 69.0



#33
1,2-Dichloroethane-d4
Concen: 44.276 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079967.D
Acq: 11 Oct 2024 16:05

Tgt Ion: 65 Resp: 83915
Ion Ratio Lower Upper
65 100
67 54.9 0.0 109.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD079967.D

Acq: 11 Oct 2024 16:05

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

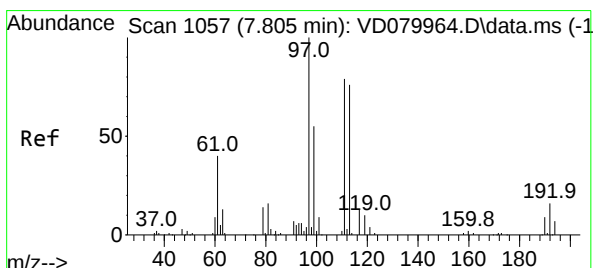
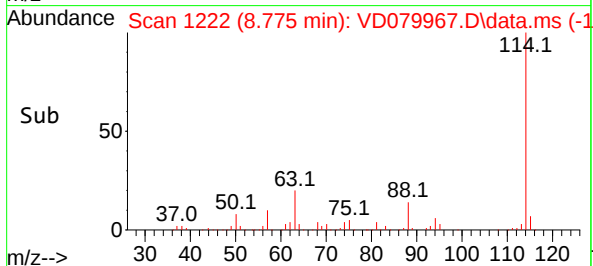
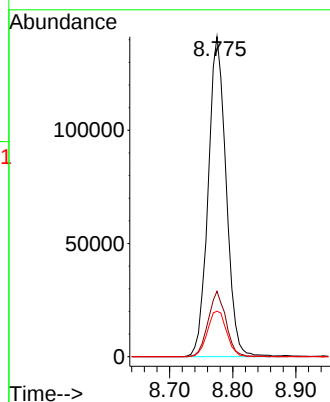
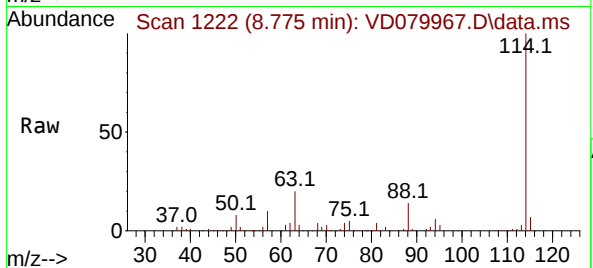
Tgt Ion:114 Resp: 278913

Ion Ratio Lower Upper

114 100

63 20.4 0.0 38.8

88 14.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 44.727 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD079967.D

Acq: 11 Oct 2024 16:05

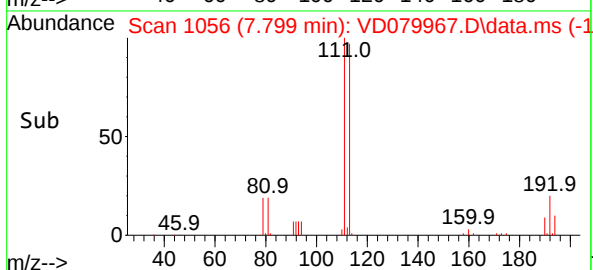
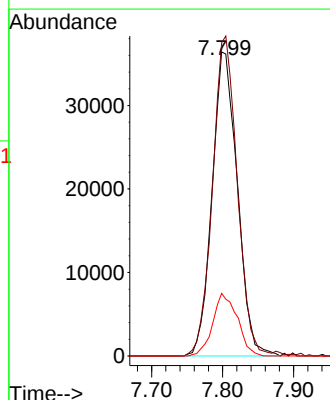
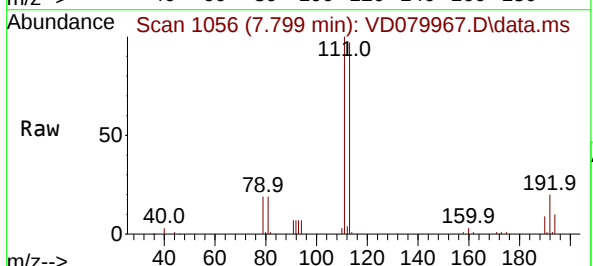
Tgt Ion:113 Resp: 90041

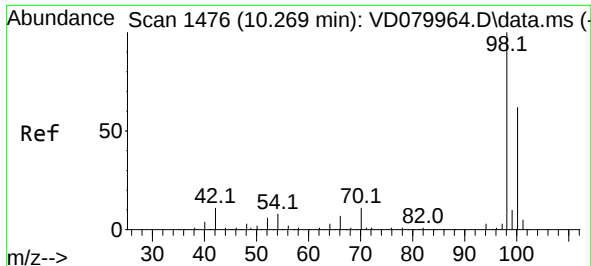
Ion Ratio Lower Upper

113 100

111 102.7 82.5 123.7

192 20.0 16.6 25.0

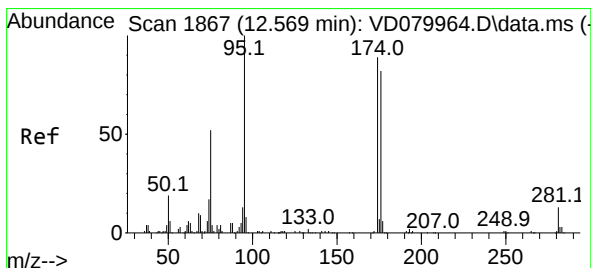
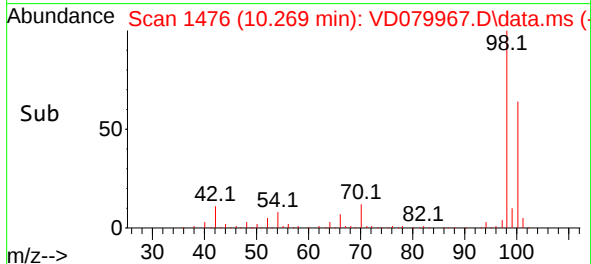
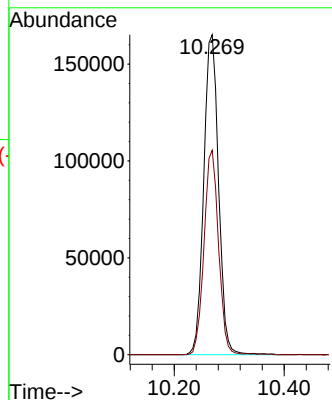
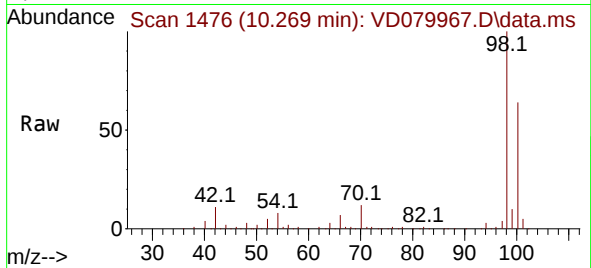




#50
Toluene-d8
Concen: 43.039 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD079967.D
Acq: 11 Oct 2024 16:05

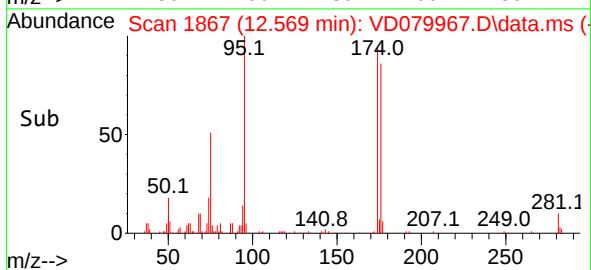
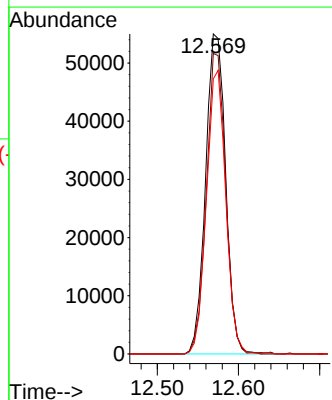
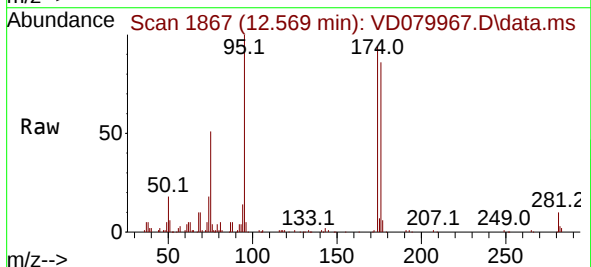
Instrument :
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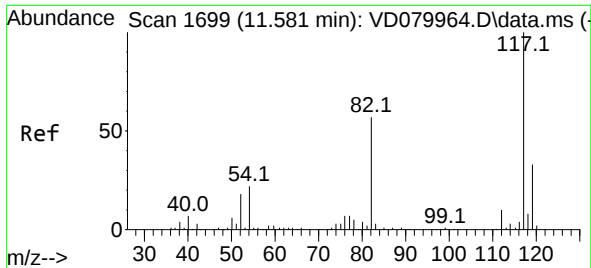
Tgt Ion: 98 Resp: 308750
Ion Ratio Lower Upper
98 100
100 62.8 50.2 75.4



#62
4-Bromofluorobenzene
Concen: 37.642 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079967.D
Acq: 11 Oct 2024 16:05

Tgt Ion: 95 Resp: 94265
Ion Ratio Lower Upper
95 100
174 90.5 0.0 173.4
176 85.2 0.0 166.6

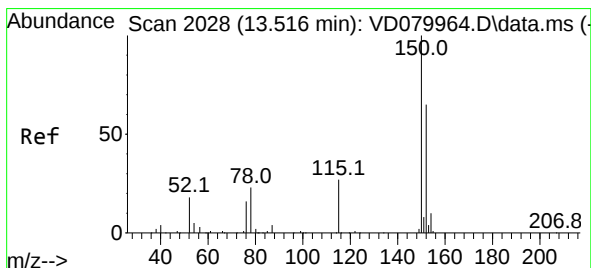
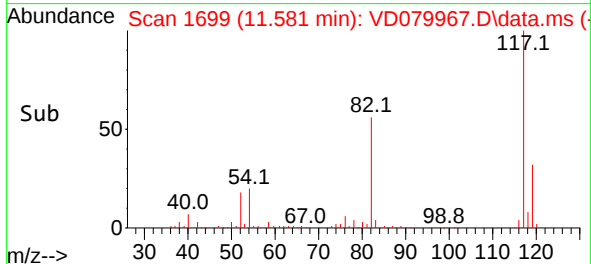
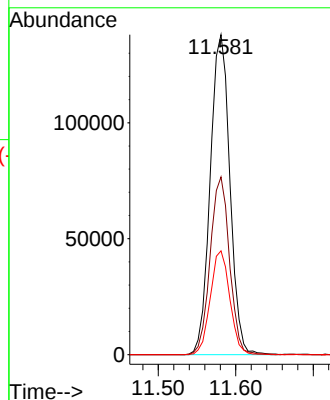
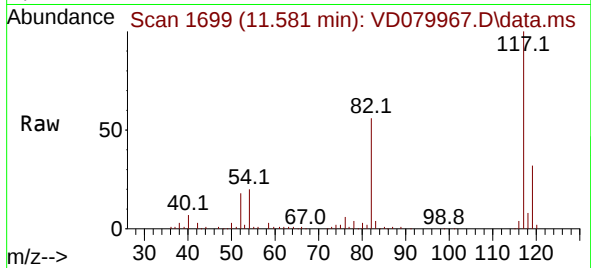




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD079967.D
Acq: 11 Oct 2024 16:05

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 243280
Ion Ratio Lower Upper
117 100
82 55.6 45.8 68.6
119 32.4 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD079967.D
Acq: 11 Oct 2024 16:05

Tgt Ion:152 Resp: 109070
Ion Ratio Lower Upper
152 100
115 57.0 28.9 86.8
150 159.8 0.0 354.8

