

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080824\
 Data File : VD079680.D
 Acq On : 08 Aug 2024 21:16
 Operator : RP/MD
 Sample : P3485-01
 Misc : 5.08G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 C

Quant Time: Aug 09 01:13:31 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	249557	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	499524	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	434475	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	157575	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	146723	57.873	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.740%
35) Dibromofluoromethane	7.805	113	152961	45.241	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.480%
50) Toluene-d8	10.269	98	523597	39.879	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	79.760%
62) 4-Bromofluorobenzene	12.569	95	133813	35.219	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	70.440%

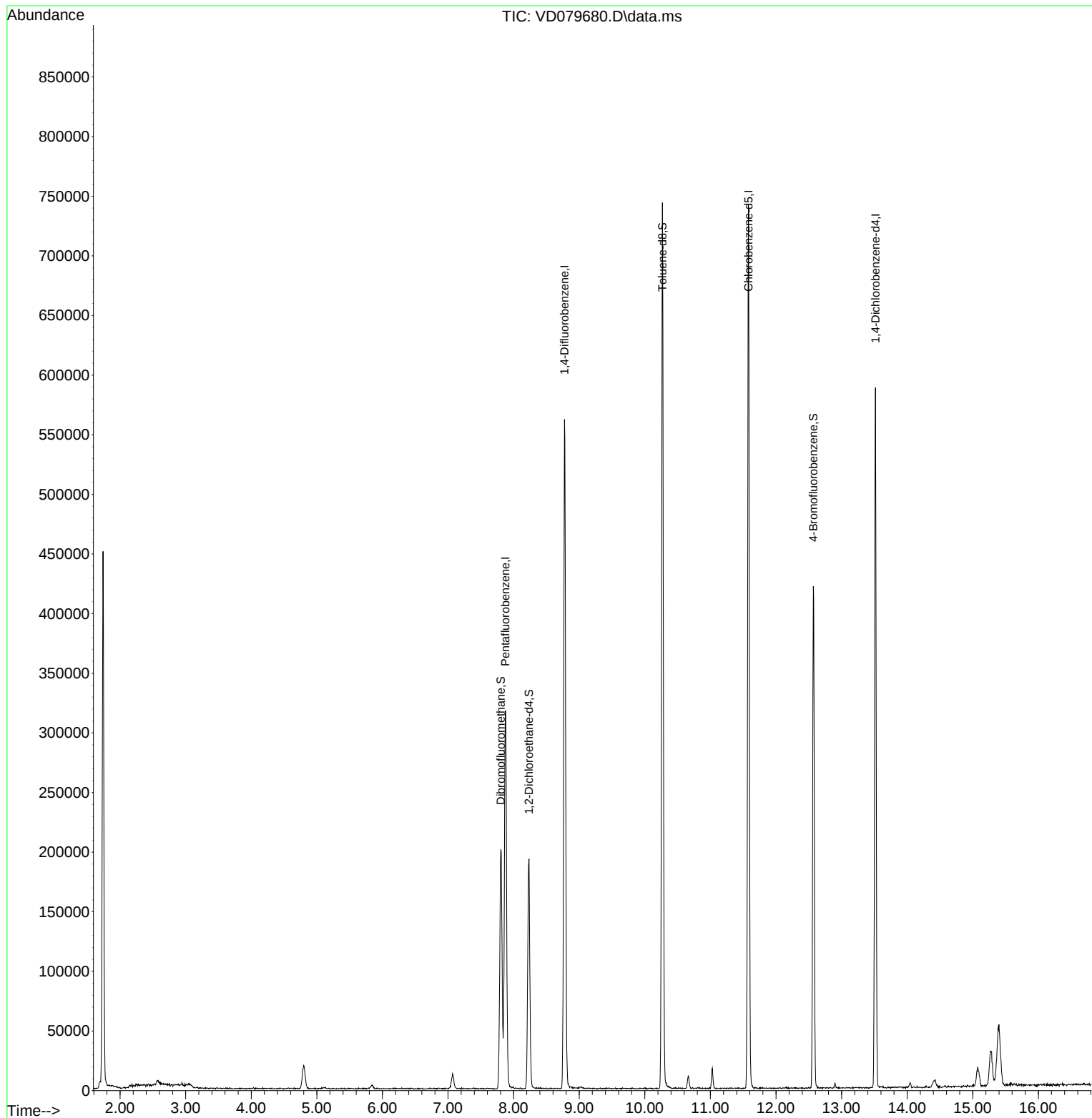
Target Compounds	Qvalue

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

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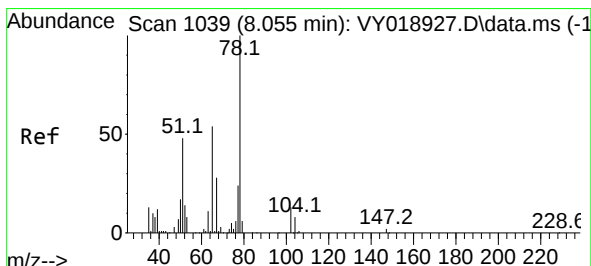
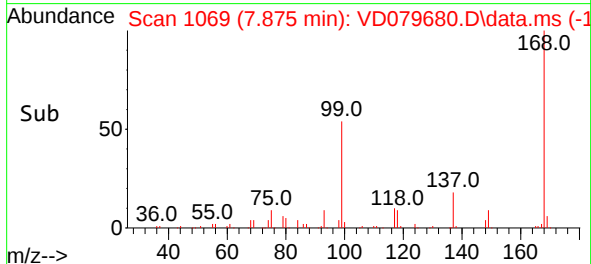
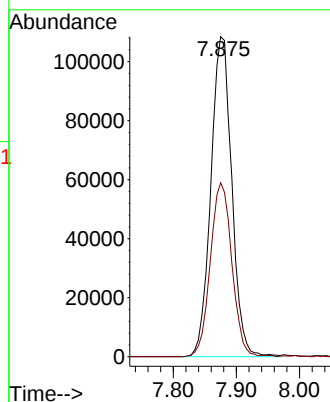
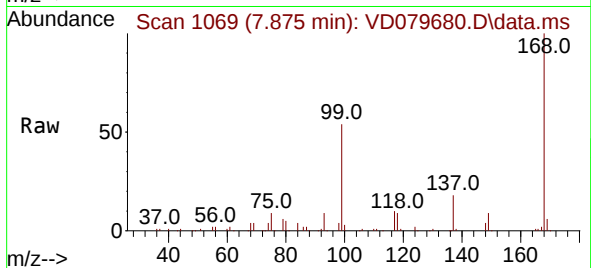




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 110
Delta R.T. 0.000 min
Lab File: VD079680.D
Acq: 08 Aug 2024 21:16

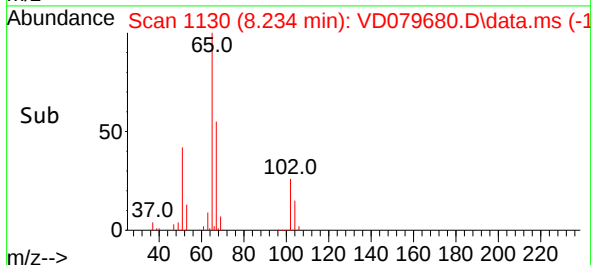
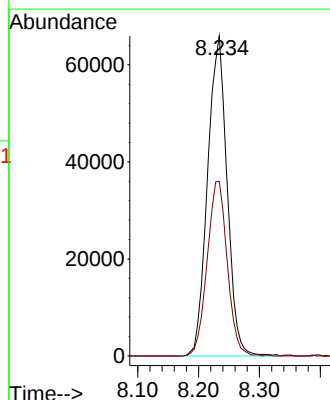
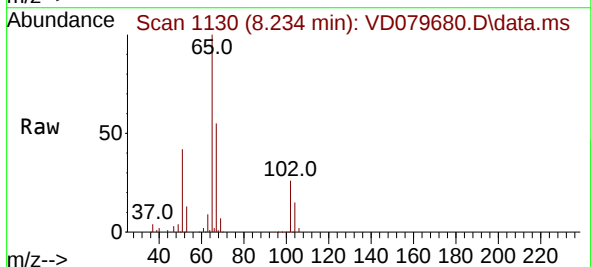
Instrument :
MSVOA_D
ClientSampleId :
C

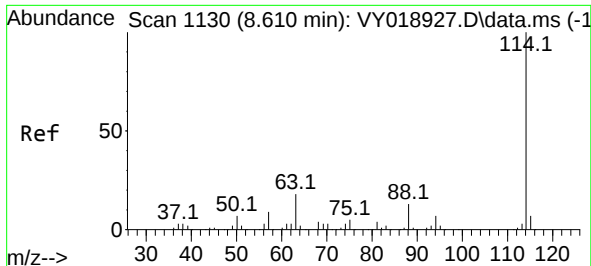
Tgt Ion:168 Resp: 249557
Ion Ratio Lower Upper
168 100
99 54.3 41.1 61.7



#33
1,2-Dichloroethane-d4
Concen: 57.873 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD079680.D
Acq: 08 Aug 2024 21:16

Tgt Ion: 65 Resp: 146723
Ion Ratio Lower Upper
65 100
67 56.1 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD079680.D

Acq: 08 Aug 2024 21:16

Instrument :

MSVOA_D

ClientSampleId :

C

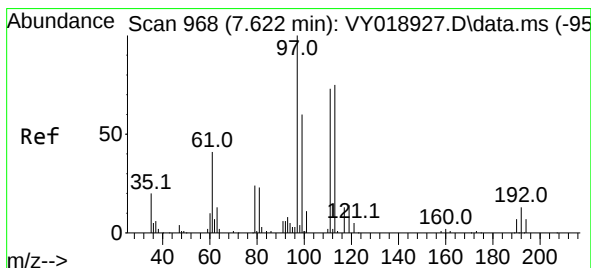
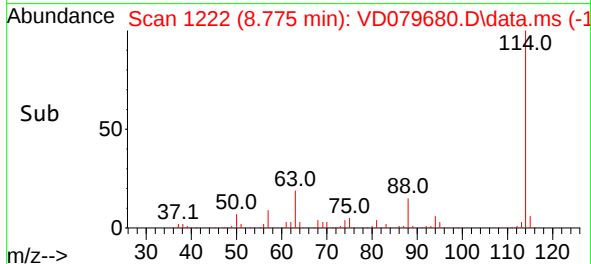
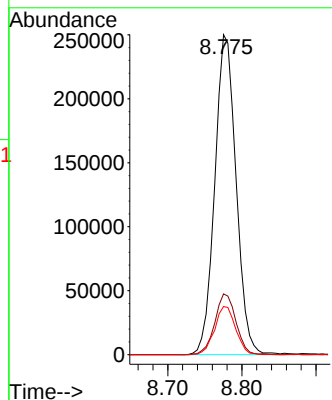
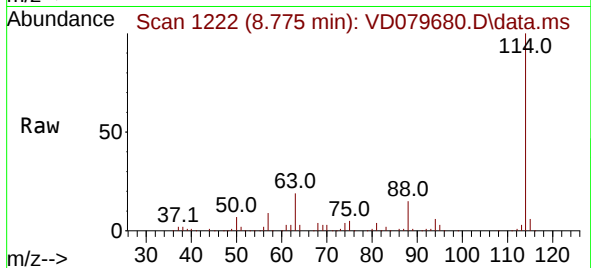
Tgt Ion:114 Resp: 499524

Ion Ratio Lower Upper

114 100

63 19.0 0.0 34.0

88 15.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 45.241 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD079680.D

Acq: 08 Aug 2024 21:16

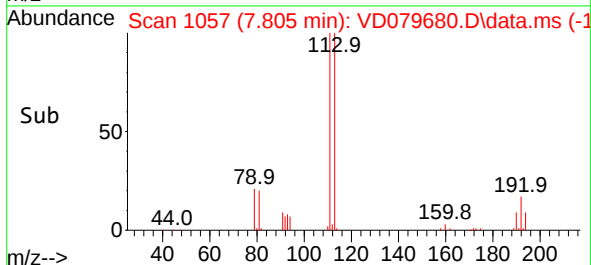
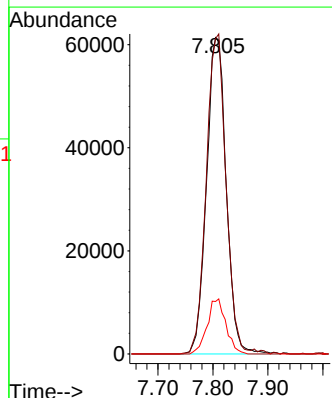
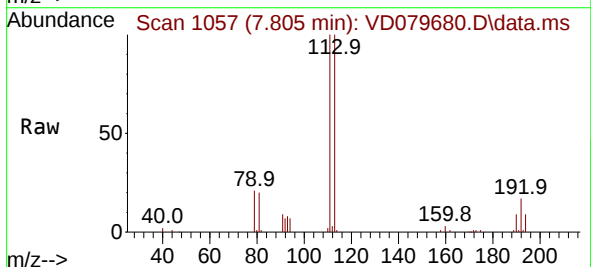
Tgt Ion:113 Resp: 152961

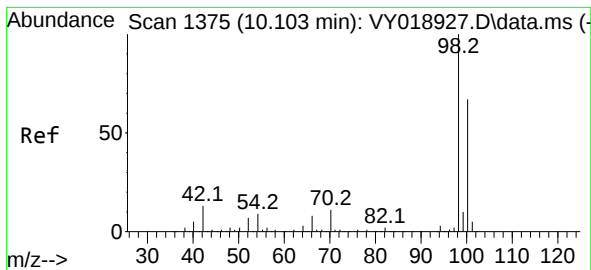
Ion Ratio Lower Upper

113 100

111 101.4 84.0 126.0

192 16.5 15.4 23.0

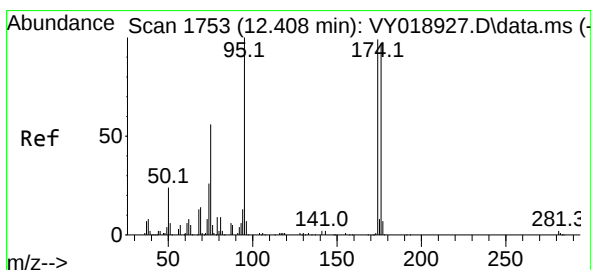
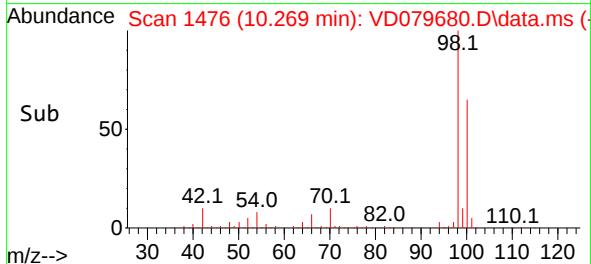
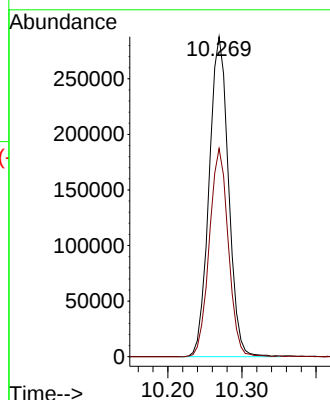
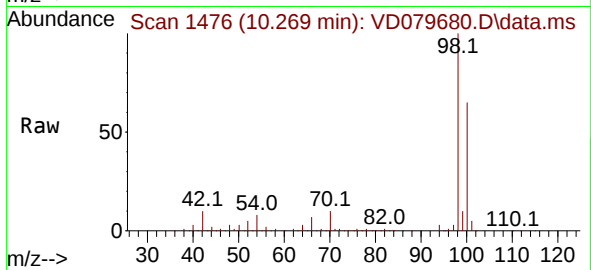




#50
Toluene-d8
Concen: 39.879 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079680.D
Acq: 08 Aug 2024 21:16

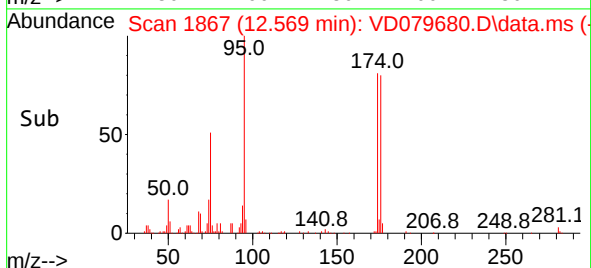
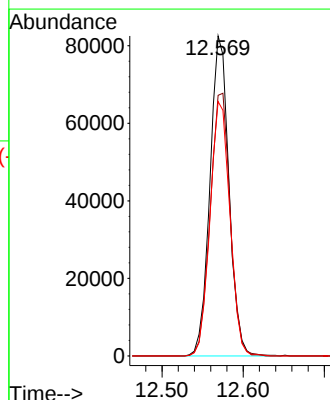
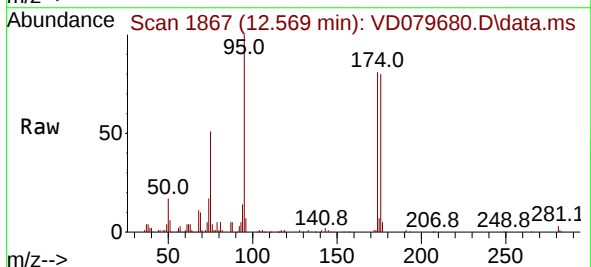
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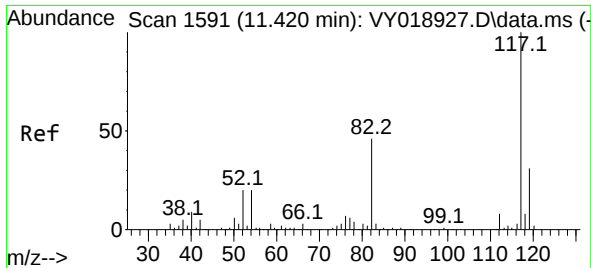
Tgt Ion: 98 Resp: 523597
Ion Ratio Lower Upper
98 100
100 63.6 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 35.219 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD079680.D
Acq: 08 Aug 2024 21:16

Tgt Ion: 95 Resp: 133813
Ion Ratio Lower Upper
95 100
174 86.6 0.0 195.4
176 83.2 0.0 192.6

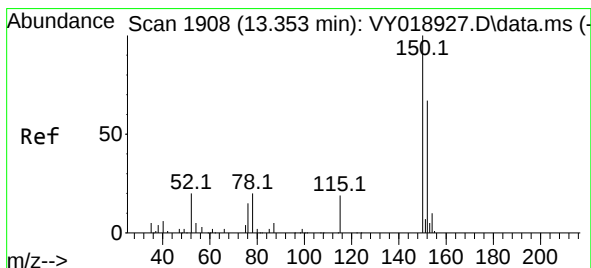
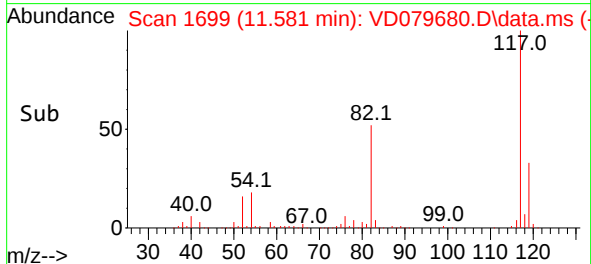
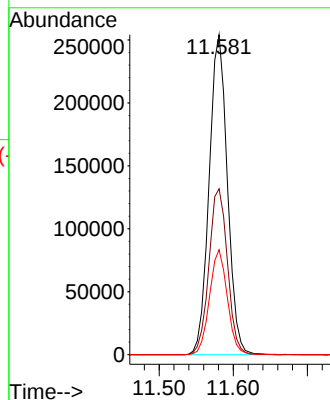
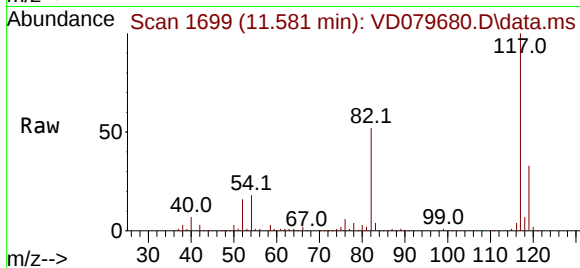




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD079680.D
Acq: 08 Aug 2024 21:16

Instrument :
MSVOA_D
ClientSampleId :
C

Tgt Ion:117 Resp: 434475
Ion Ratio Lower Upper
117 100
82 51.9 39.8 59.6
119 32.8 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: VD079680.D
Acq: 08 Aug 2024 21:16

Tgt Ion:152 Resp: 157575
Ion Ratio Lower Upper
152 100
115 56.5 26.5 79.5
150 157.9 0.0 341.6

