

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080824\
 Data File : VD079666.D
 Acq On : 08 Aug 2024 14:50
 Operator : RP/MD
 Sample : VD0808SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0808SBL01

Quant Time: Aug 09 01:07:13 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	159624	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	325192	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	292051	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	122718	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	109676	67.633	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.260%
35) Dibromofluoromethane	7.810	113	110645	50.269	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.540%
50) Toluene-d8	10.269	98	406910	47.606	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.220%
62) 4-Bromofluorobenzene	12.569	95	111290	44.993	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.980%

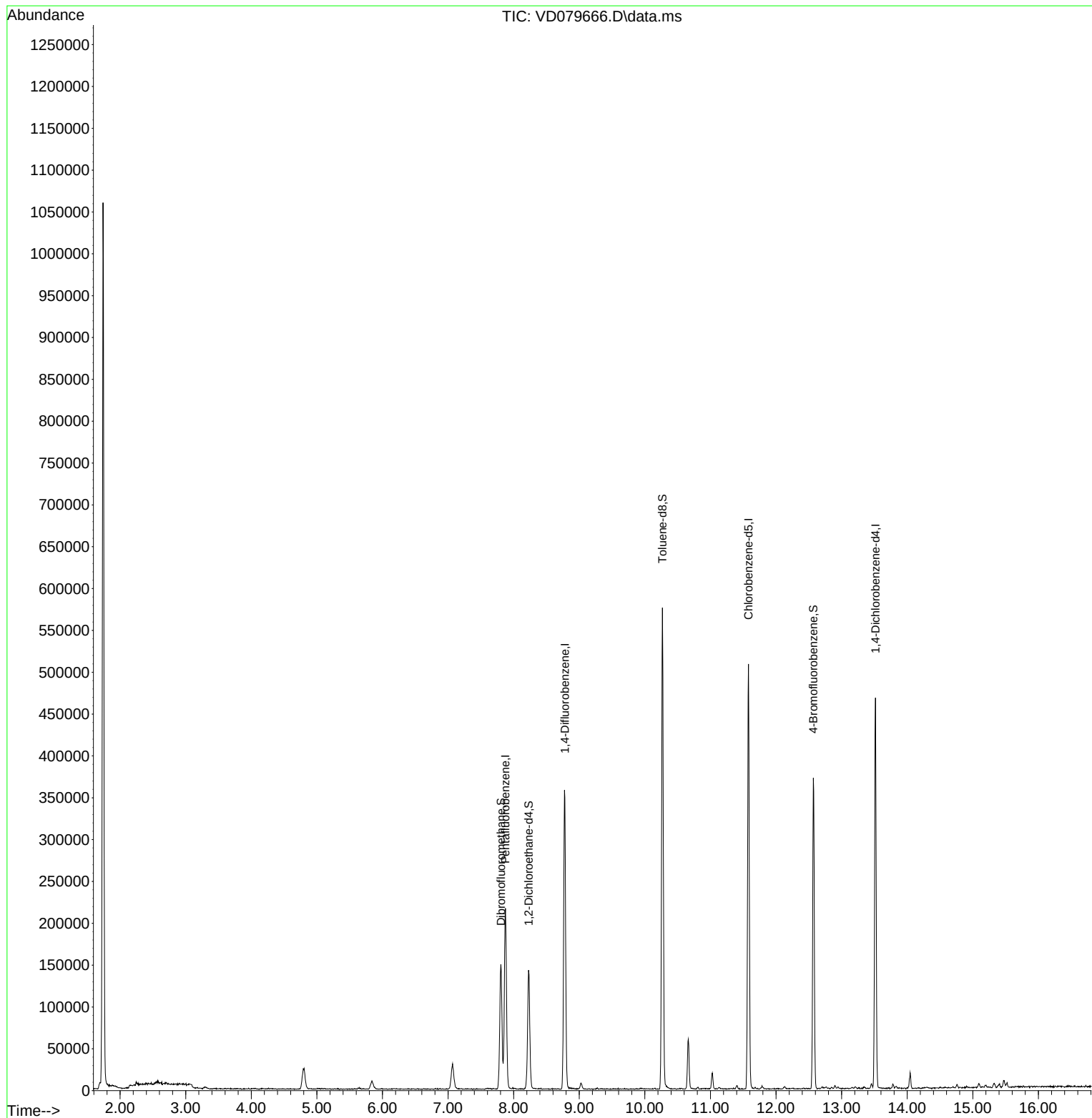
Target Compounds	Qvalue

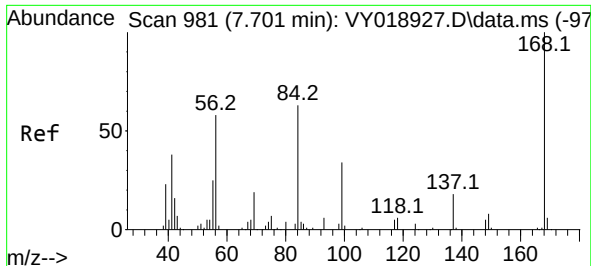
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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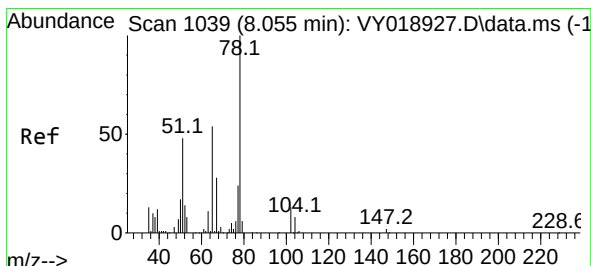
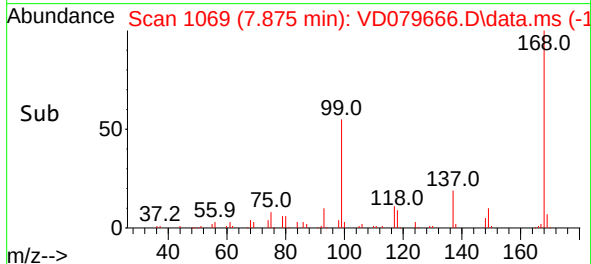
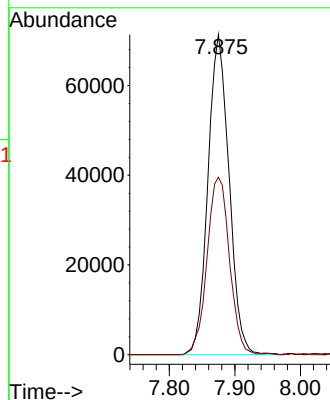
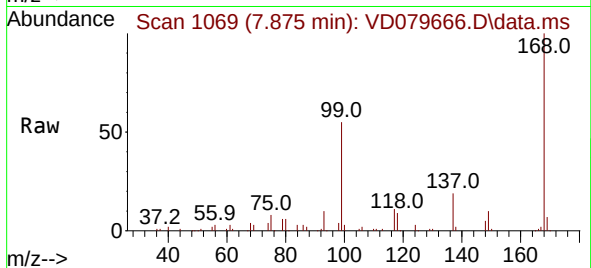




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079666.D
Acq: 08 Aug 2024 14:50

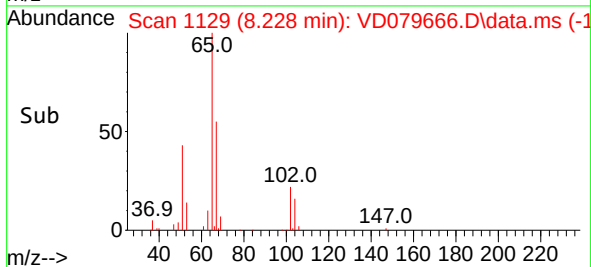
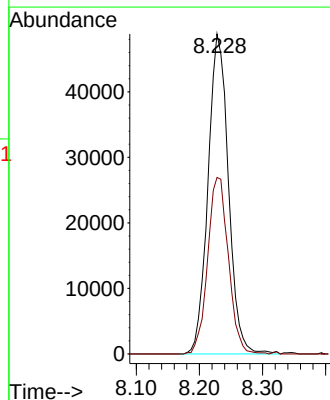
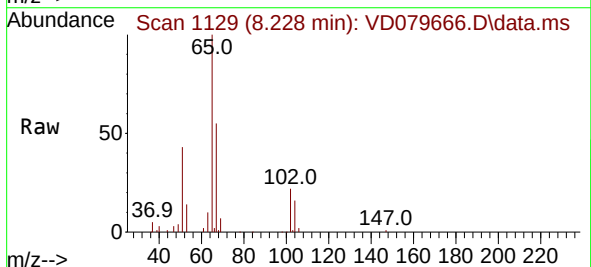
Instrument :
MSVOA_D
ClientSampleId :
VD0808SBL01

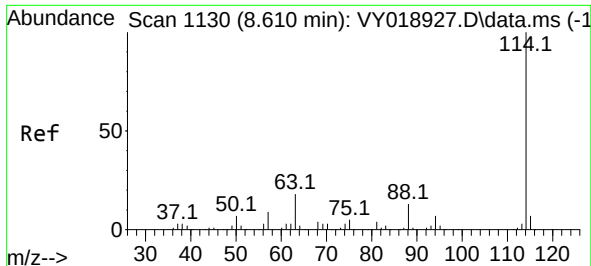
Tgt Ion:168 Resp: 159624
Ion Ratio Lower Upper
168 100
99 55.5 41.1 61.7



#33
1,2-Dichloroethane-d4
Concen: 67.633 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079666.D
Acq: 08 Aug 2024 14:50

Tgt Ion: 65 Resp: 109676
Ion Ratio Lower Upper
65 100
67 55.9 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD079666.D

Acq: 08 Aug 2024 14:50

Instrument :

MSVOA_D

ClientSampleId :

VD0808SBL01

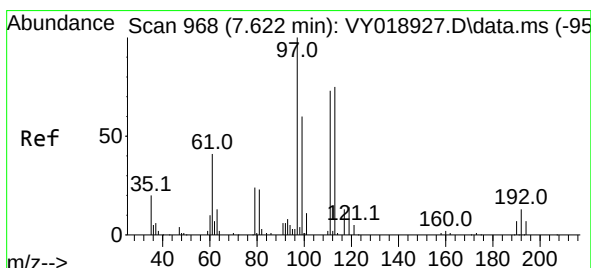
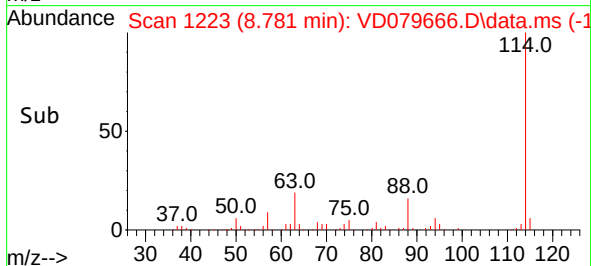
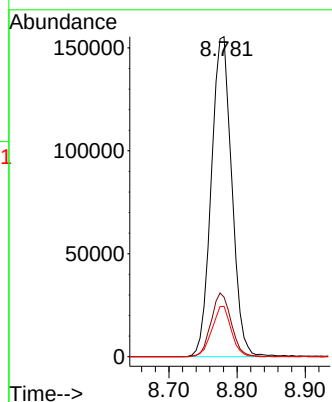
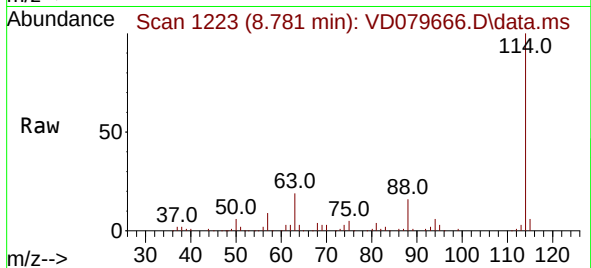
Tgt Ion:114 Resp: 325192

Ion Ratio Lower Upper

114 100

63 18.6 0.0 34.0

88 15.7 0.0 27.2



#35

Dibromofluoromethane

Concen: 50.269 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD079666.D

Acq: 08 Aug 2024 14:50

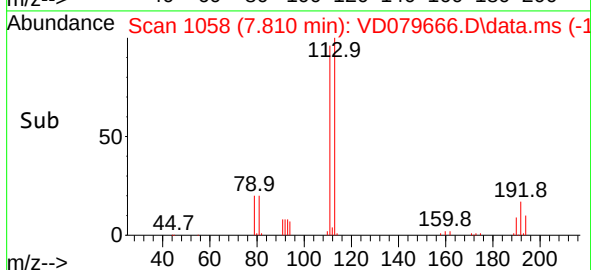
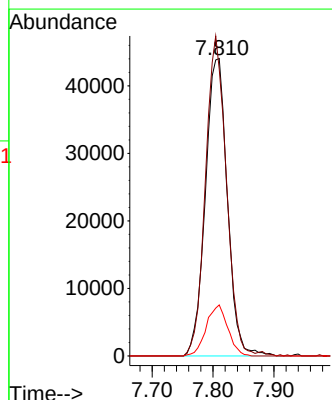
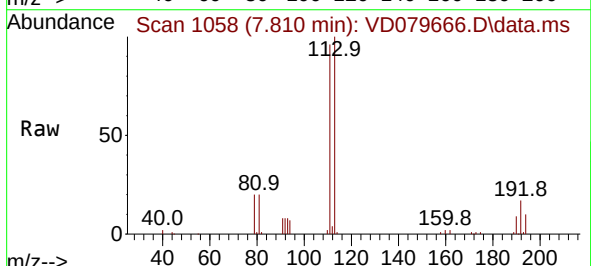
Tgt Ion:113 Resp: 110645

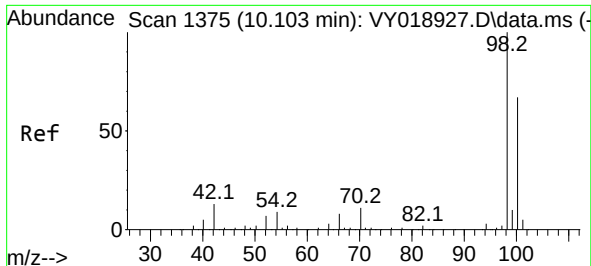
Ion Ratio Lower Upper

113 100

111 101.8 84.0 126.0

192 16.8 15.4 23.0

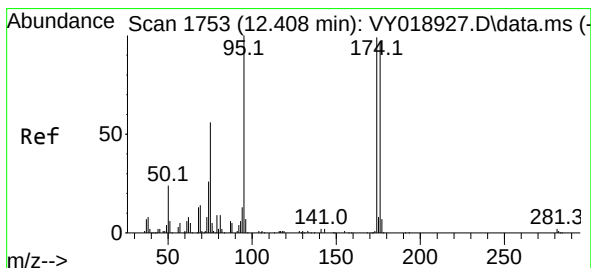
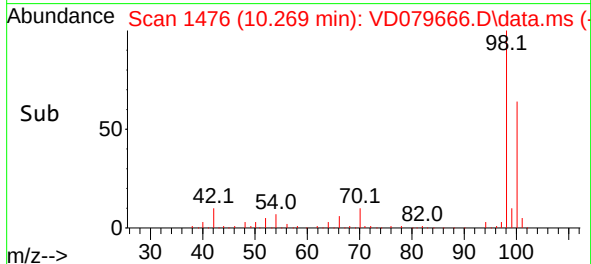
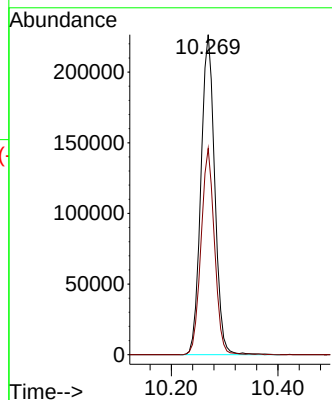
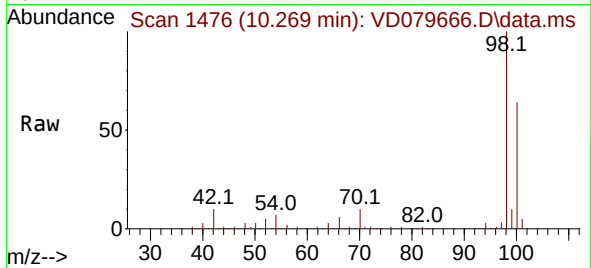




#50
Toluene-d8
Concen: 47.606 ug/l
RT: 10.269 min Scan# 14
Delta R.T. 0.006 min
Lab File: VD079666.D
Acq: 08 Aug 2024 14:50

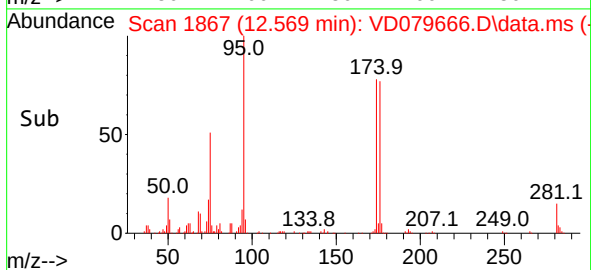
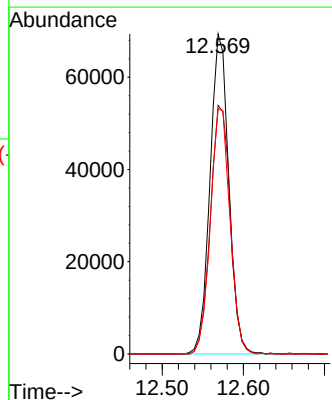
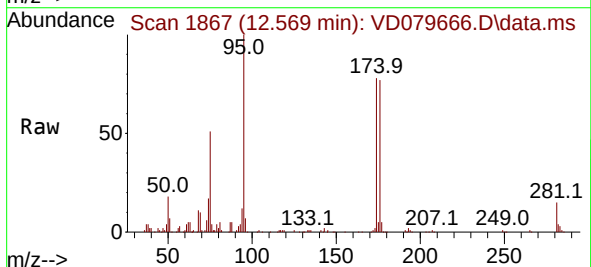
Instrument :
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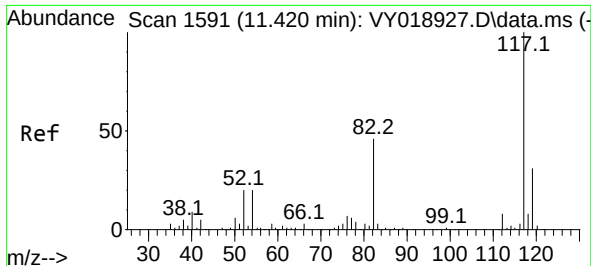
Tgt Ion: 98 Resp: 406910
Ion Ratio Lower Upper
98 100
100 62.9 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 44.993 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079666.D
Acq: 08 Aug 2024 14:50

Tgt Ion: 95 Resp: 111290
Ion Ratio Lower Upper
95 100
174 82.2 0.0 195.4
176 80.0 0.0 192.6

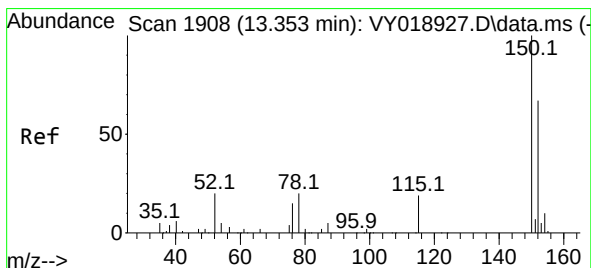
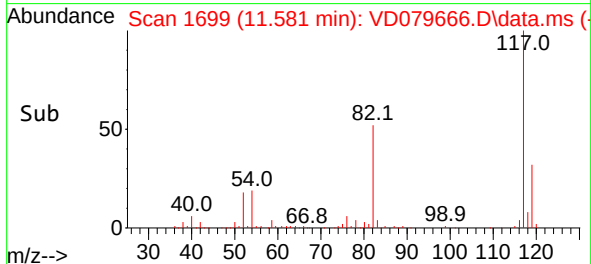
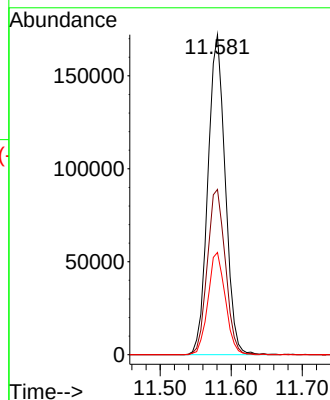
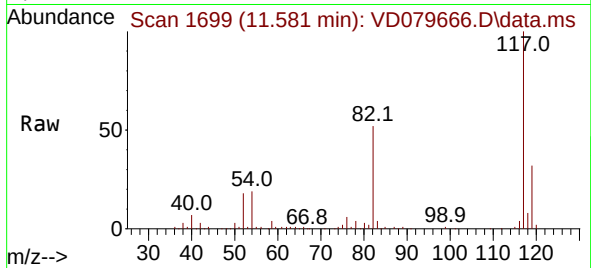




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD079666.D
Acq: 08 Aug 2024 14:50

Instrument :
MSVOA_D
ClientSampleId :
VD0808SBL01

Tgt Ion:117 Resp: 292051
Ion Ratio Lower Upper
117 100
82 51.6 39.8 59.6
119 32.0 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: VD079666.D
Acq: 08 Aug 2024 14:50

Tgt Ion:152 Resp: 122718
Ion Ratio Lower Upper
152 100
115 58.4 26.5 79.5
150 160.0 0.0 341.6

