

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080624\
 Data File : VD079623.D
 Acq On : 06 Aug 2024 15:20
 Operator : RP/MD
 Sample : P3448-01RE
 Misc : 4.64G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP1RE

Quant Time: Aug 06 15:33:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 05 15:22:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	123014	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	203814	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	120611	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	22822	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	89223	71.370	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	142.740%
35) Dibromofluoromethane	7.805	113	91806	66.824	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	133.640%
50) Toluene-d8	10.269	98	208571	37.853	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	75.700%
62) 4-Bromofluorobenzene	12.569	95	25833	17.588	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	35.180%

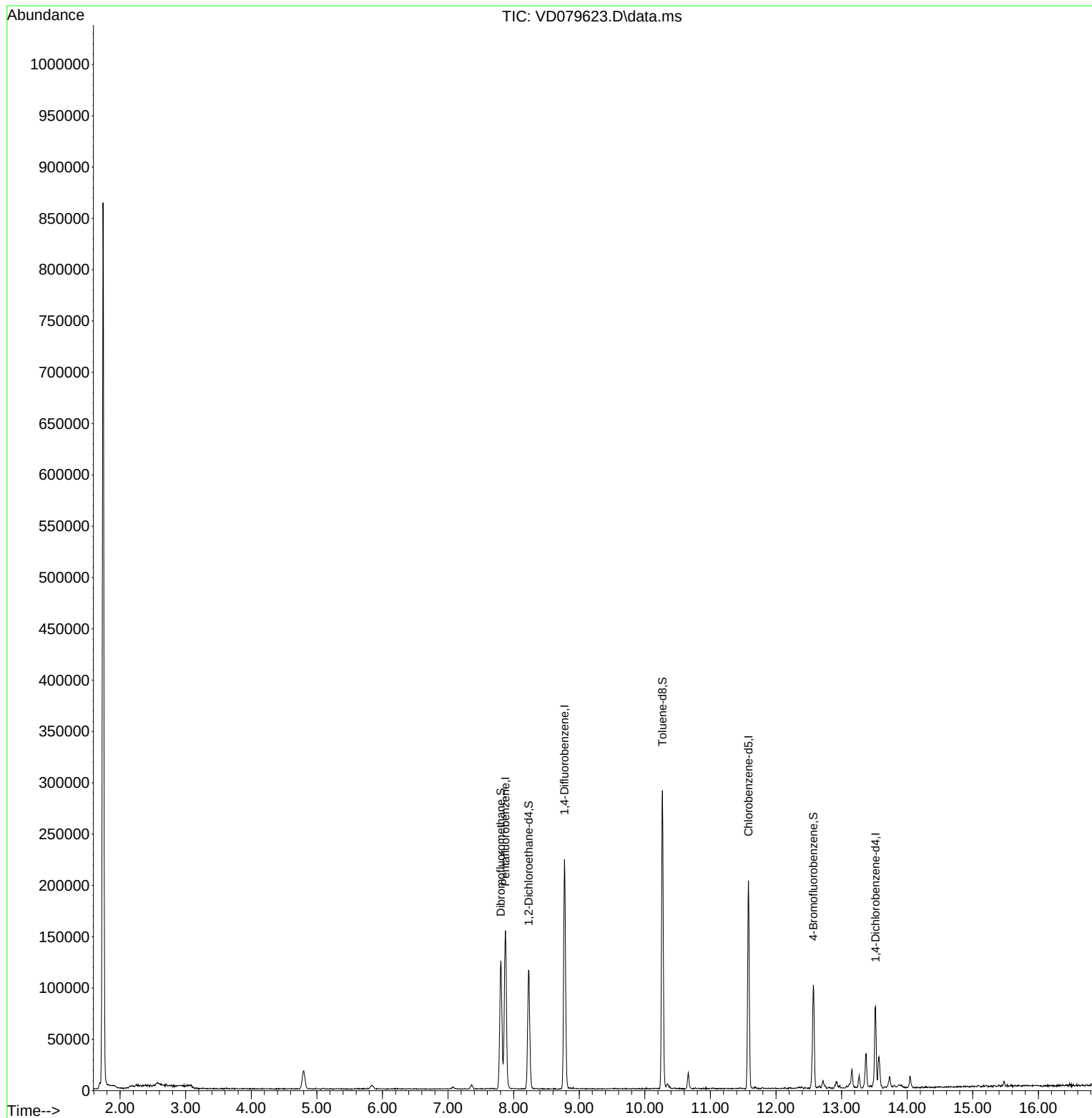
Target Compounds	Qvalue

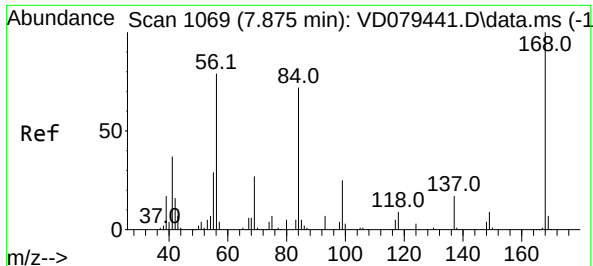
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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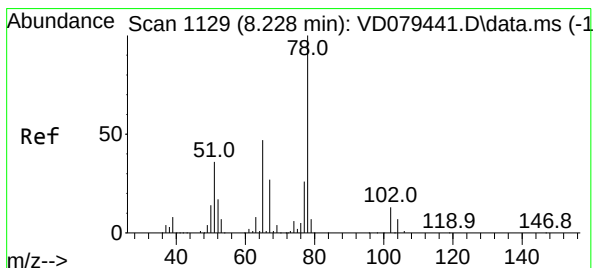
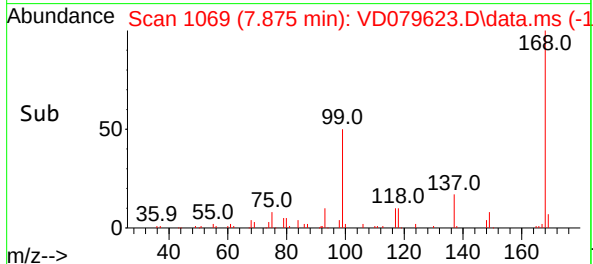
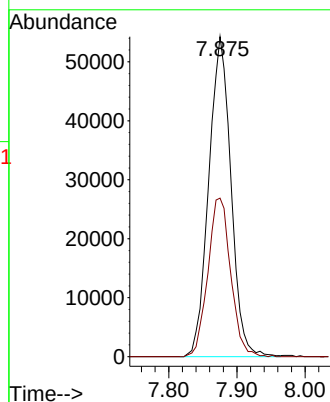
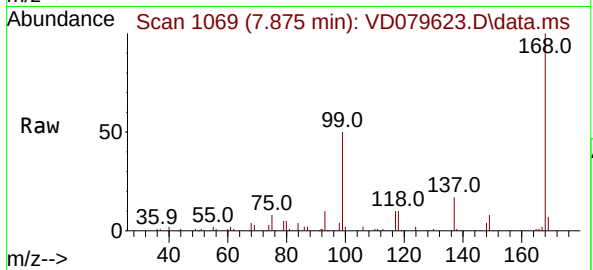




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079623.D
Acq: 06 Aug 2024 15:20

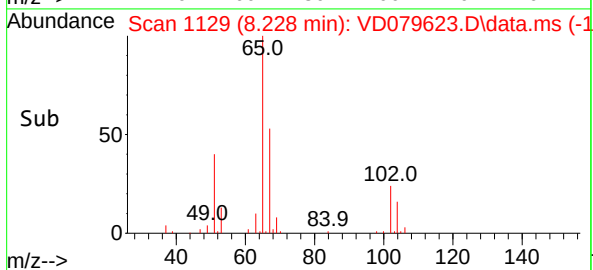
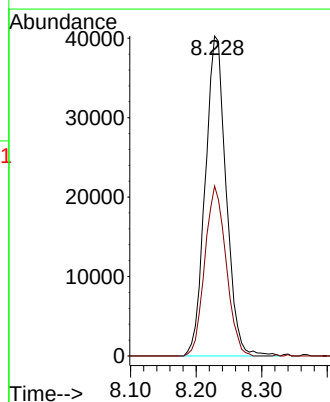
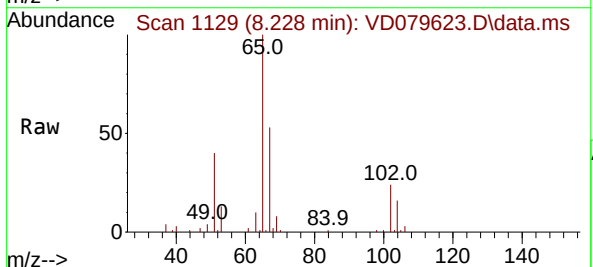
Instrument :
MSVOA_D
ClientSampleId :
TP1RE

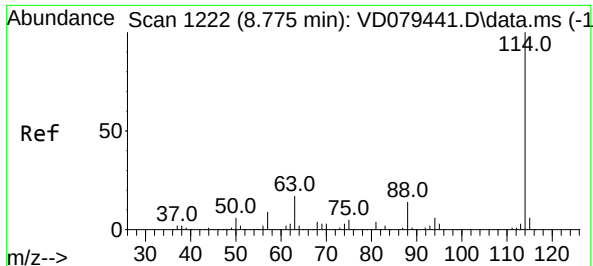
Tgt Ion:168 Resp: 123014
Ion Ratio Lower Upper
168 100
99 49.6 41.1 61.7



#33
1,2-Dichloroethane-d4
Concen: 71.370 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD079623.D
Acq: 06 Aug 2024 15:20

Tgt Ion: 65 Resp: 89223
Ion Ratio Lower Upper
65 100
67 54.1 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD079623.D

Acq: 06 Aug 2024 15:20

Instrument :

MSVOA_D

ClientSampleId :

TP1RE

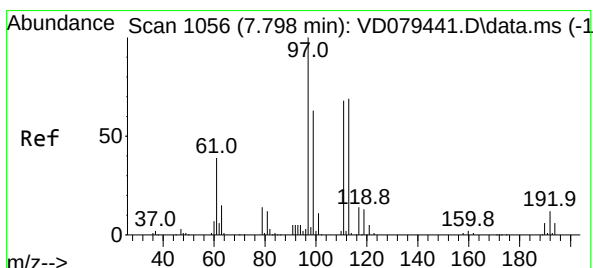
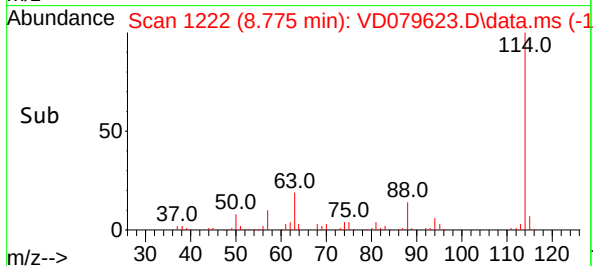
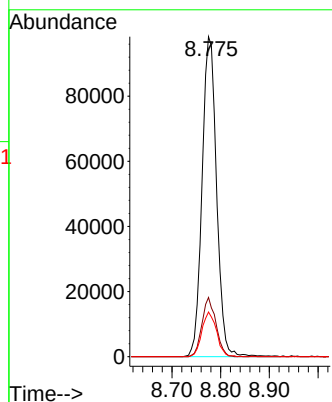
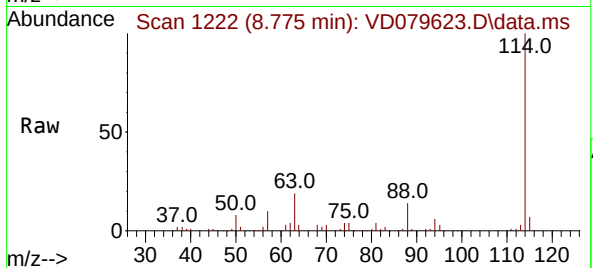
Tgt Ion:114 Resp: 203814

Ion Ratio Lower Upper

114 100

63 18.5 0.0 34.0

88 14.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 66.824 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD079623.D

Acq: 06 Aug 2024 15:20

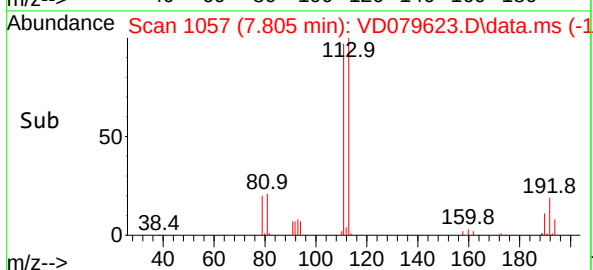
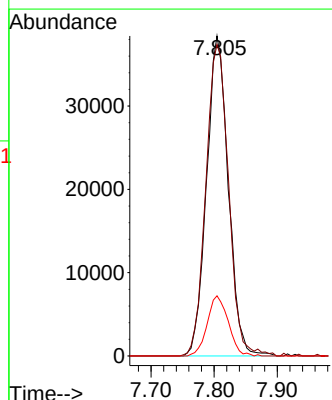
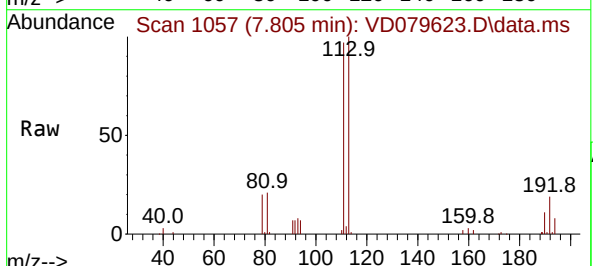
Tgt Ion:113 Resp: 91806

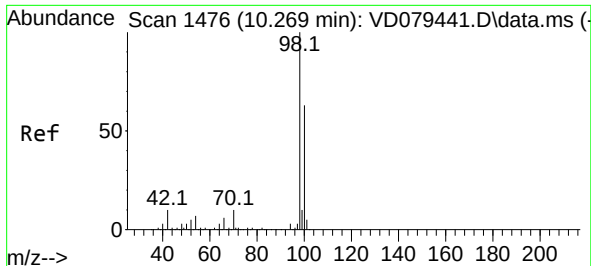
Ion Ratio Lower Upper

113 100

111 101.8 84.0 126.0

192 18.2 15.4 23.0

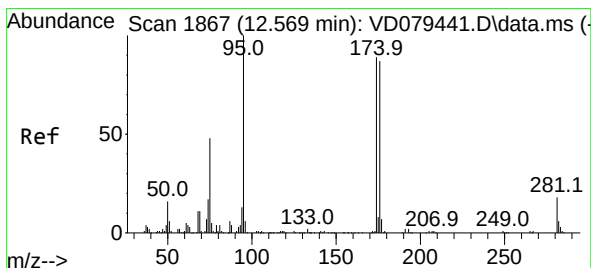
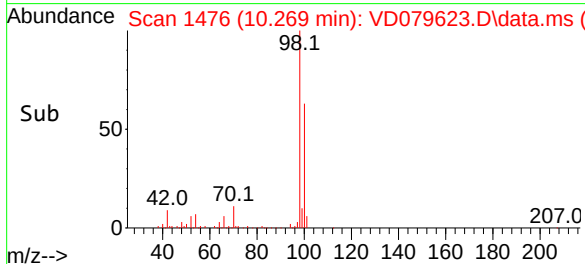
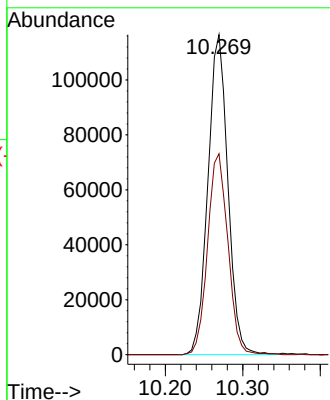
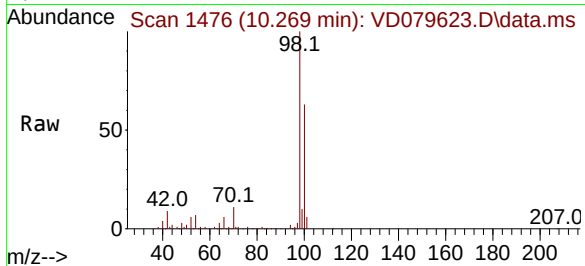




#50
Toluene-d8
Concen: 37.853 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079623.D
Acq: 06 Aug 2024 15:20

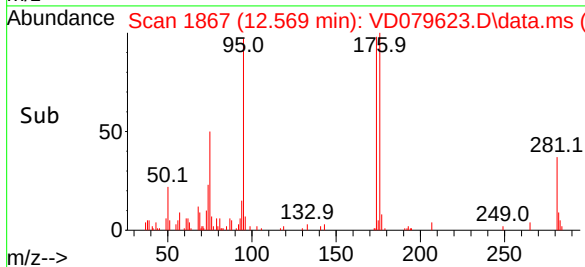
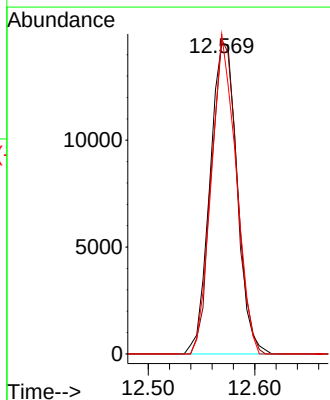
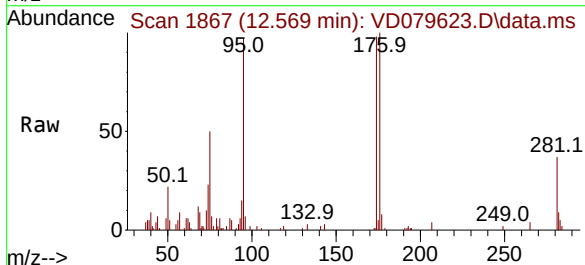
Instrument :
MSVOA_D
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TP1RE

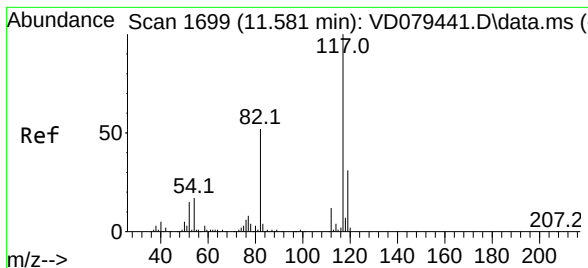
Tgt Ion: 98 Resp: 208571
Ion Ratio Lower Upper
98 100
100 63.9 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 17.588 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD079623.D
Acq: 06 Aug 2024 15:20

Tgt Ion: 95 Resp: 25833
Ion Ratio Lower Upper
95 100
174 94.6 0.0 195.4
176 93.1 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: VD079623.D

Acq: 06 Aug 2024 15:20

Instrument :

MSVOA_D

ClientSampleId :

TP1RE

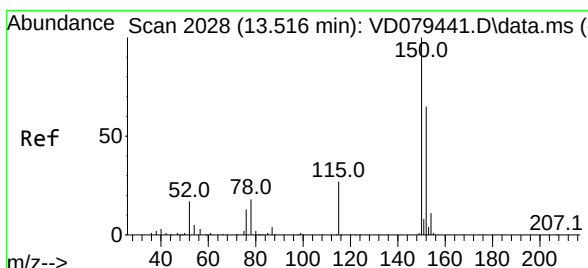
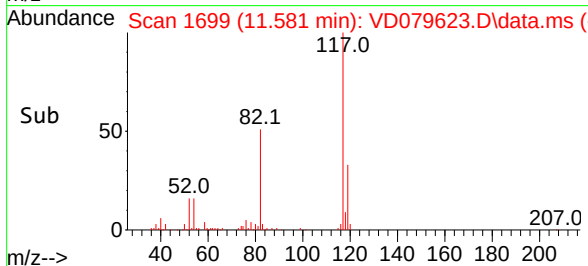
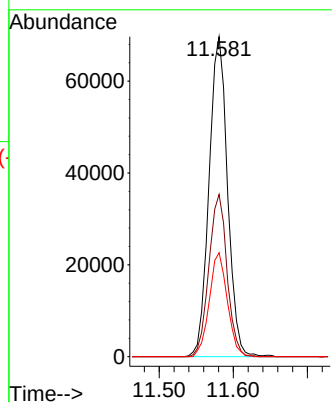
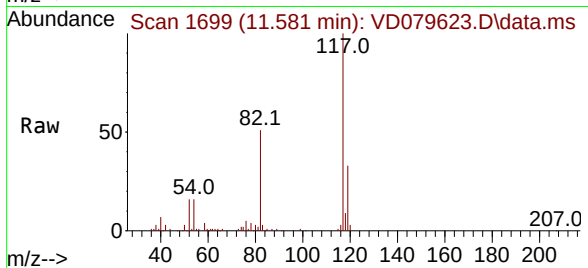
Tgt Ion:117 Resp: 120611

Ion Ratio Lower Upper

117 100

82 50.7 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: VD079623.D

Acq: 06 Aug 2024 15:20

Tgt Ion:152 Resp: 22822

Ion Ratio Lower Upper

152 100

115 57.0 26.5 79.5

150 156.5 0.0 341.6

