

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080624\
 Data File : VD079627.D
 Acq On : 06 Aug 2024 17:11
 Operator : RP/MD
 Sample : P3448-09RE
 Misc : 5.87G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP5RE

Quant Time: Aug 06 18:07:18 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	149635	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	295895	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	221929	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	65254	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	98617	64.873	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	129.740%
35) Dibromofluoromethane	7.804	113	99223	49.543	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.080%
50) Toluene-d8	10.269	98	282404	36.311	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	72.620%
62) 4-Bromofluorobenzene	12.569	95	61067	27.133	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	54.260%

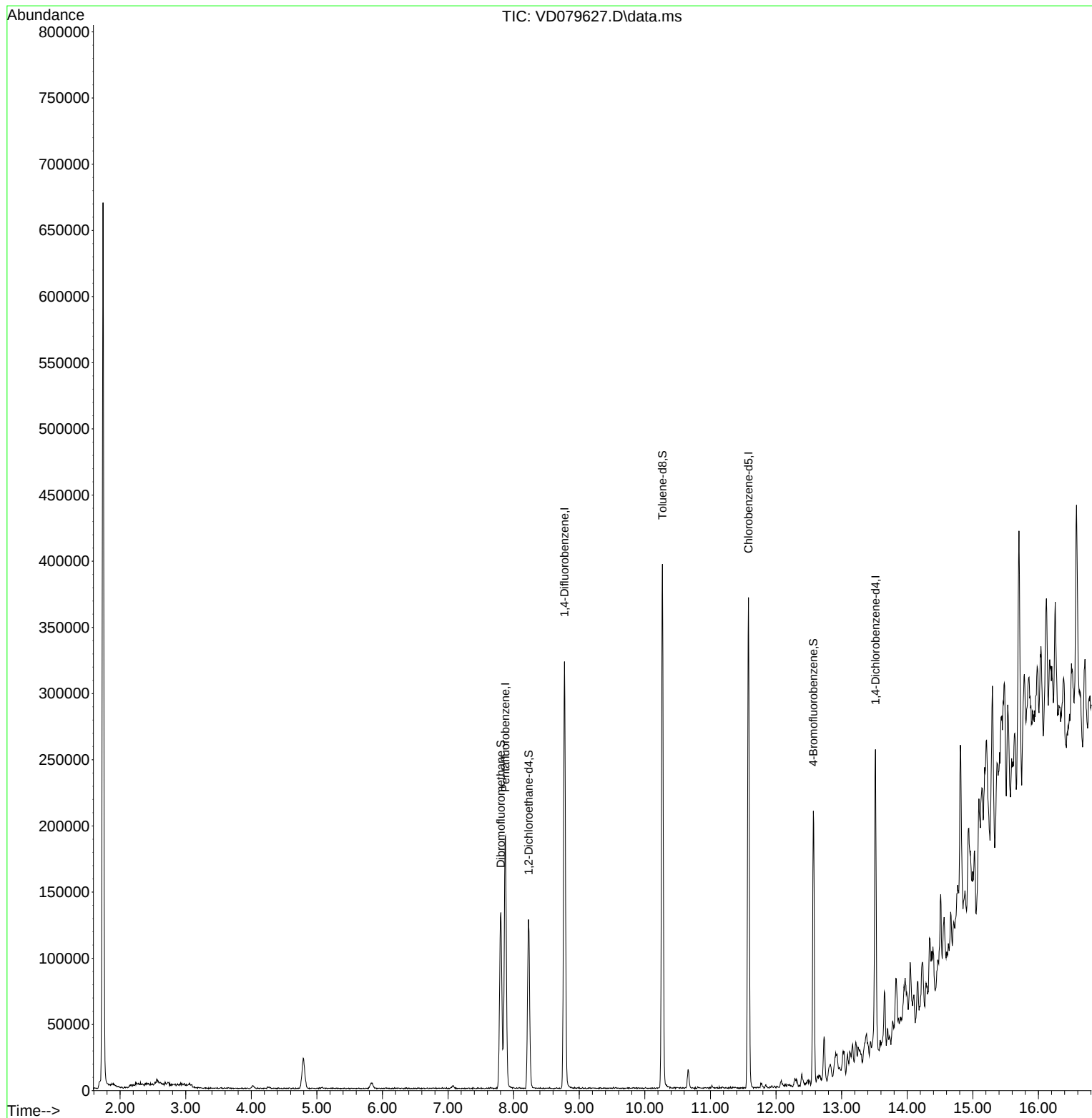
Target Compounds	Qvalue

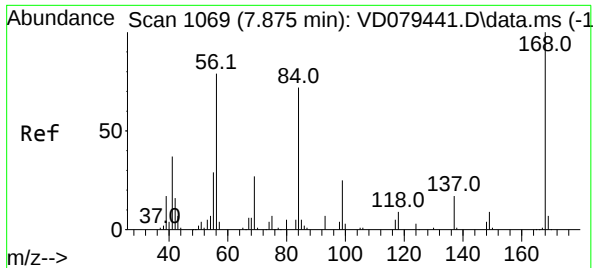
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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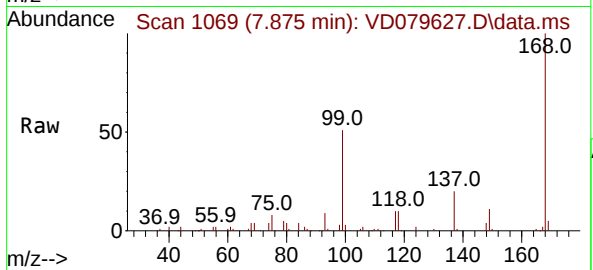
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260
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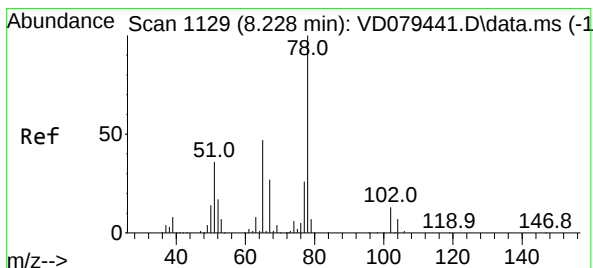
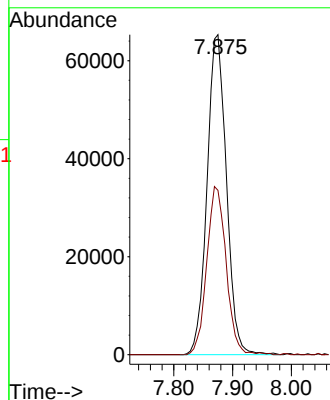
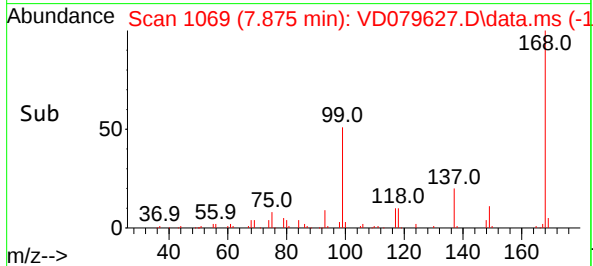


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079627.D
Acq: 06 Aug 2024 17:11

Instrument :
MSVOA_D
ClientSampleId :
TP5RE

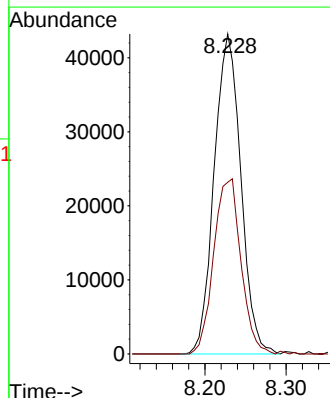
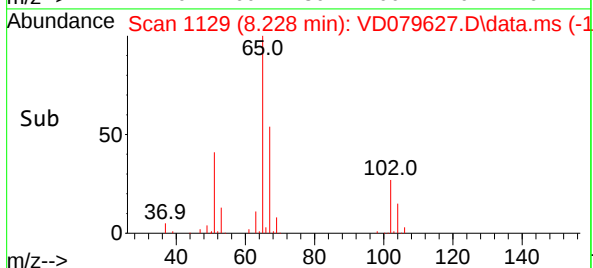
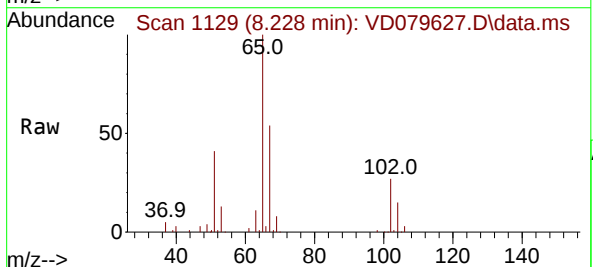


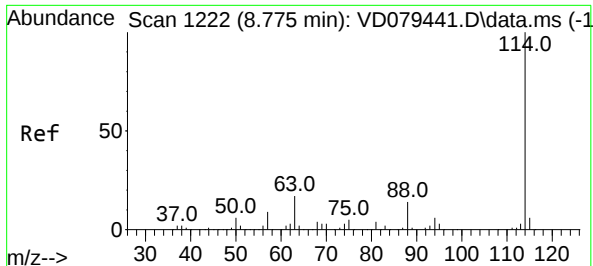
Tgt Ion:168 Resp: 149635
Ion Ratio Lower Upper
168 100
99 51.3 41.1 61.7



#33
1,2-Dichloroethane-d4
Concen: 64.873 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079627.D
Acq: 06 Aug 2024 17:11

Tgt Ion: 65 Resp: 98617
Ion Ratio Lower Upper
65 100
67 55.9 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: VD079627.D

Acq: 06 Aug 2024 17:11

Instrument :

MSVOA_D

ClientSampleId :

TP5RE

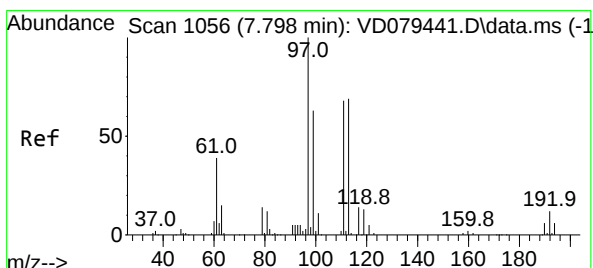
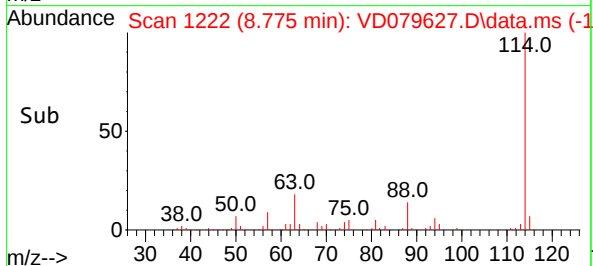
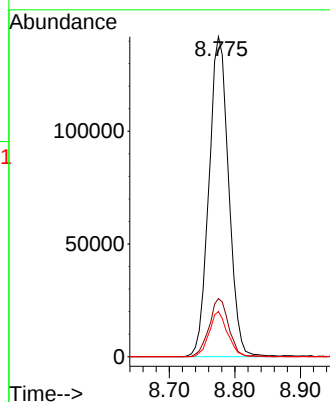
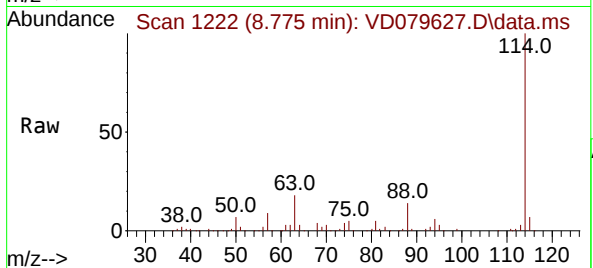
Tgt Ion:114 Resp: 295895

Ion Ratio Lower Upper

114 100

63 18.2 0.0 34.0

88 14.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.543 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079627.D

Acq: 06 Aug 2024 17:11

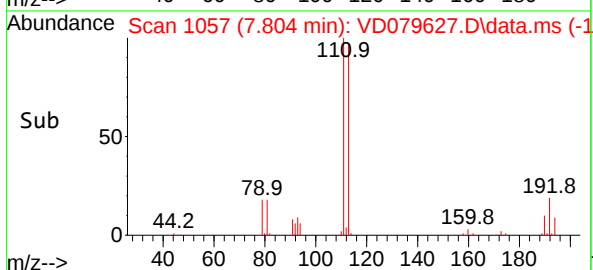
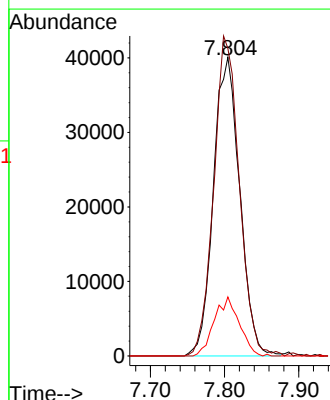
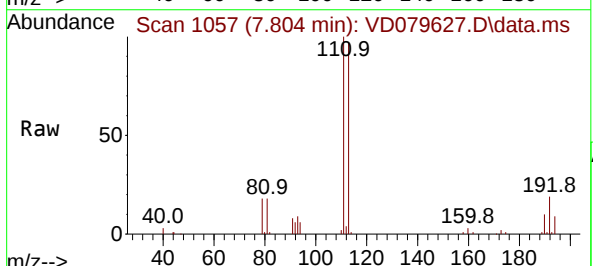
Tgt Ion:113 Resp: 99223

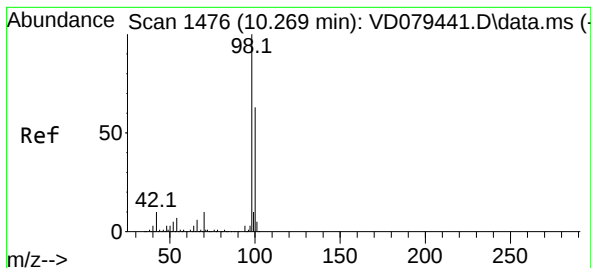
Ion Ratio Lower Upper

113 100

111 103.5 84.0 126.0

192 18.8 15.4 23.0





#50

Toluene-d8

Concen: 36.311 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VD079627.D

Acq: 06 Aug 2024 17:11

Instrument :

MSVOA_D

ClientSampleId :

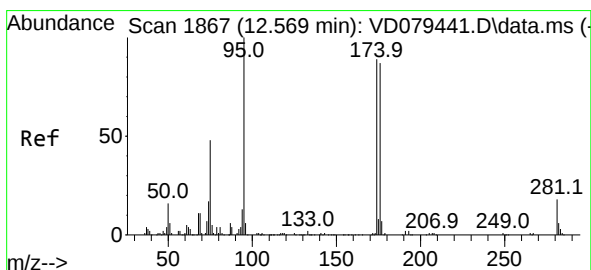
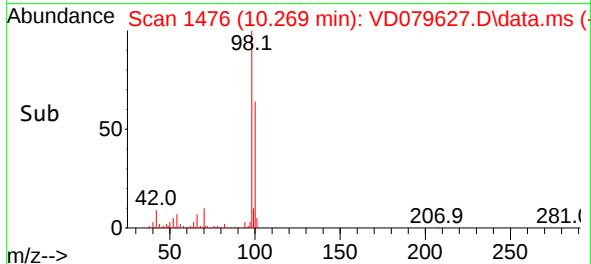
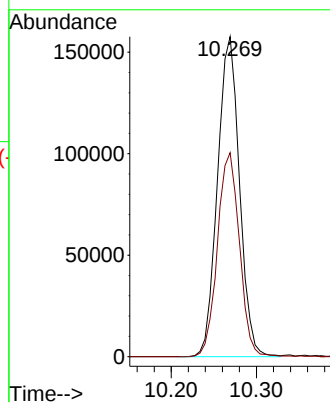
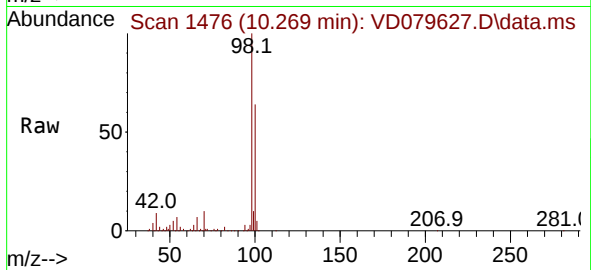
TP5RE

Tgt Ion: 98 Resp: 282404

Ion Ratio Lower Upper

98 100

100 63.8 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 27.133 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.000 min

Lab File: VD079627.D

Acq: 06 Aug 2024 17:11

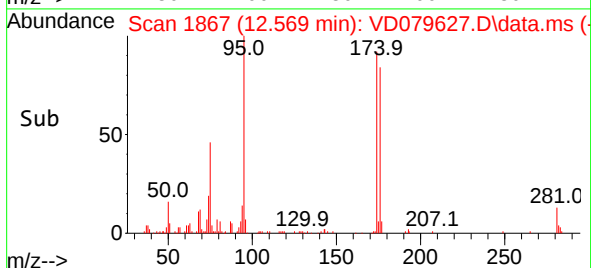
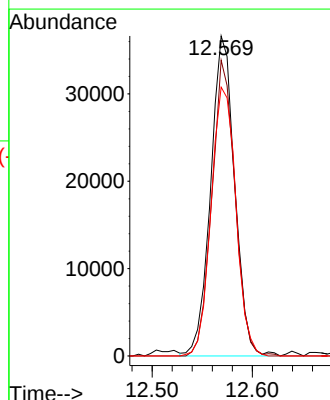
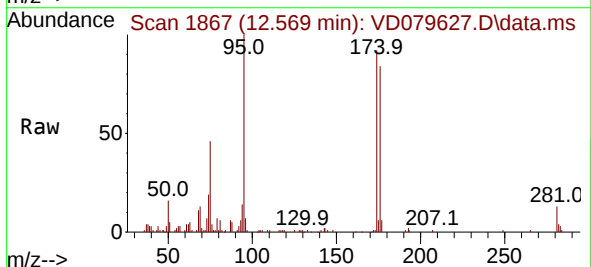
Tgt Ion: 95 Resp: 61067

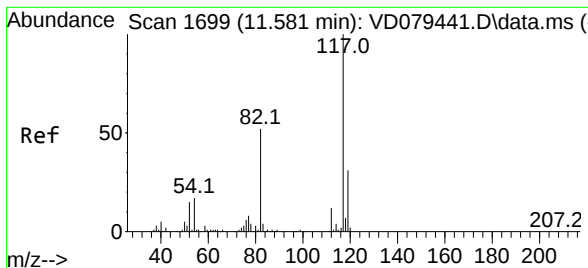
Ion Ratio Lower Upper

95 100

174 88.8 0.0 195.4

176 86.7 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: VD079627.D

Acq: 06 Aug 2024 17:11

Instrument :

MSVOA_D

ClientSampleId :

TP5RE

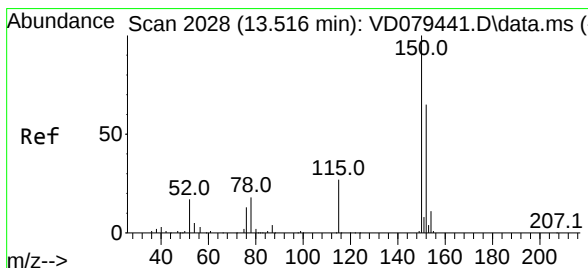
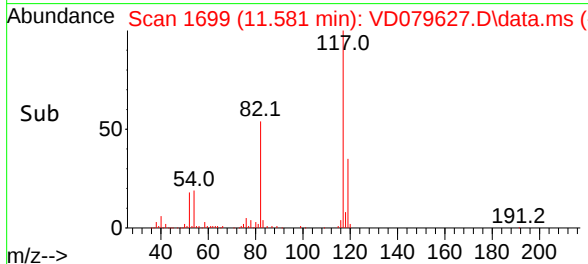
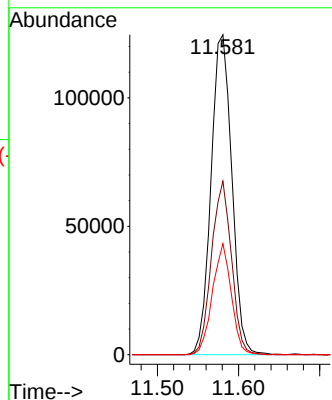
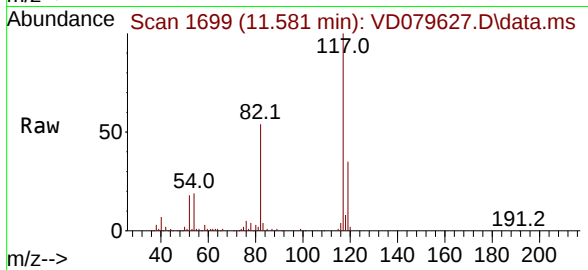
Tgt Ion:117 Resp: 221929

Ion Ratio Lower Upper

117 100

82 54.2 39.8 59.6

119 34.7 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: VD079627.D

Acq: 06 Aug 2024 17:11

Tgt Ion:152 Resp: 65254

Ion Ratio Lower Upper

152 100

115 51.2 26.5 79.5

150 150.1 0.0 341.6

