

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080624\
 Data File : VD079625.D
 Acq On : 06 Aug 2024 16:15
 Operator : RP/MD
 Sample : P3448-05RE
 Misc : 5.61G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP3RE

Quant Time: Aug 06 16:22:53 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	158404	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	304843	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	236762	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	64612	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	97380	60.743	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.480%
35) Dibromofluoromethane	7.804	113	102119	49.872	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.740%
50) Toluene-d8	10.269	98	299166	36.380	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	72.760%
62) 4-Bromofluorobenzene	12.569	95	62255	26.876	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	53.760%

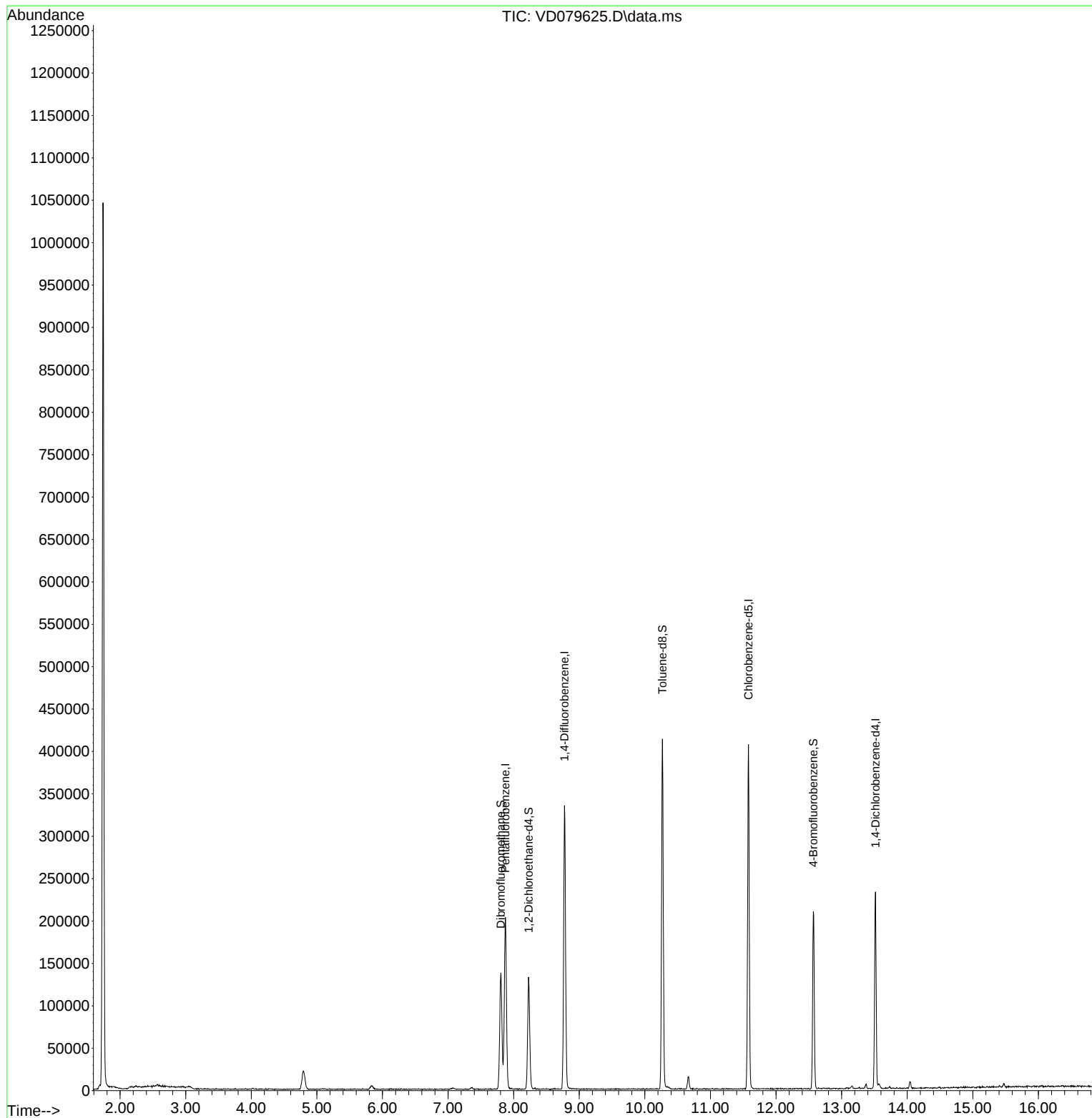
Target Compounds	Qvalue

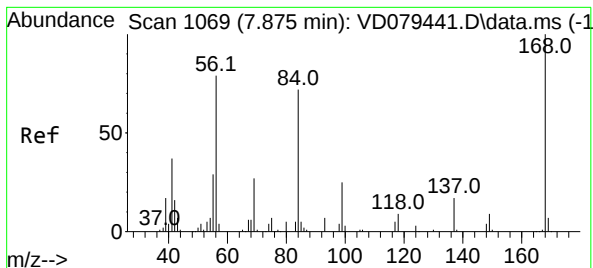
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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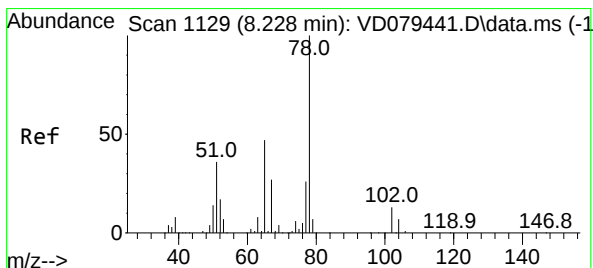
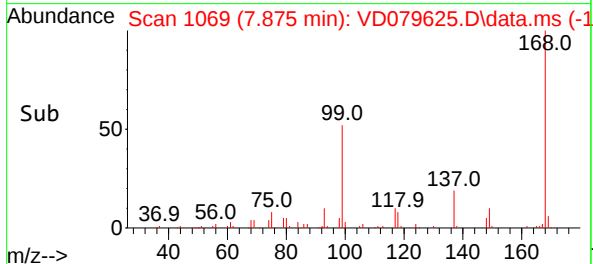
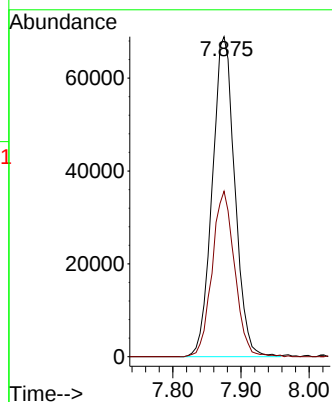
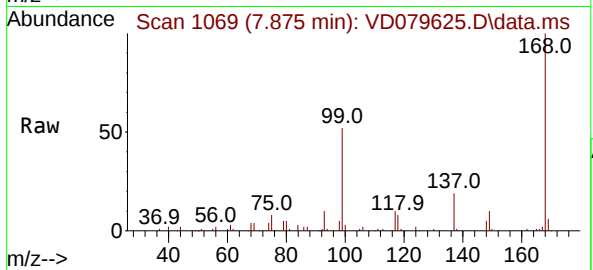




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079625.D
Acq: 06 Aug 2024 16:15

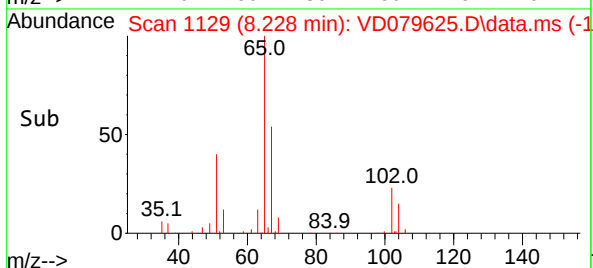
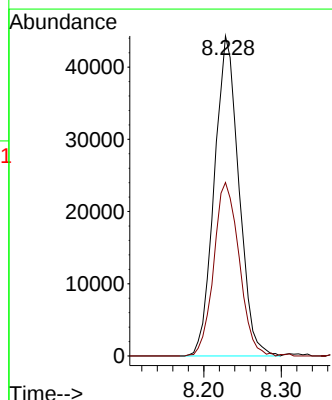
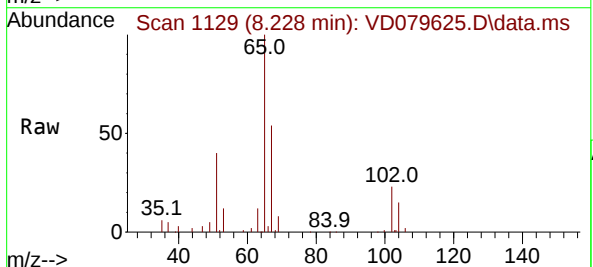
Instrument :
MSVOA_D
ClientSampleId :
TP3RE

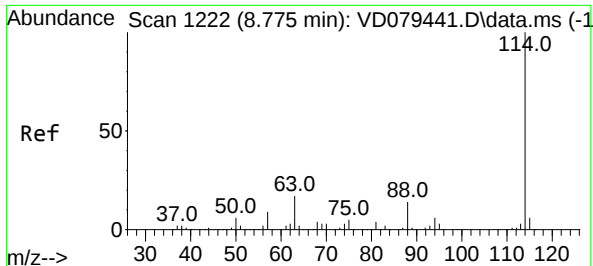
Tgt Ion:168 Resp: 158404
Ion Ratio Lower Upper
168 100
99 51.7 41.1 61.7



#33
1,2-Dichloroethane-d4
Concen: 60.743 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079625.D
Acq: 06 Aug 2024 16:15

Tgt Ion: 65 Resp: 97380
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: VD079625.D

Acq: 06 Aug 2024 16:15

Instrument :

MSVOA_D

ClientSampleId :

TP3RE

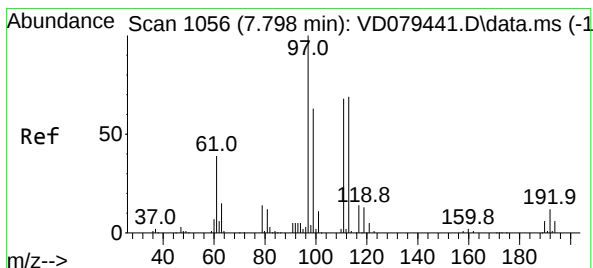
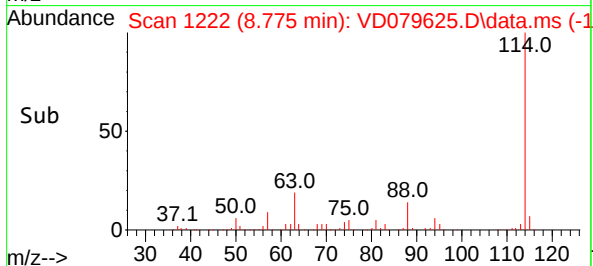
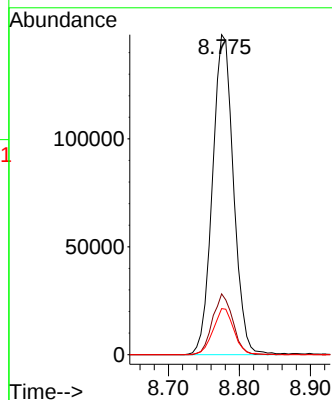
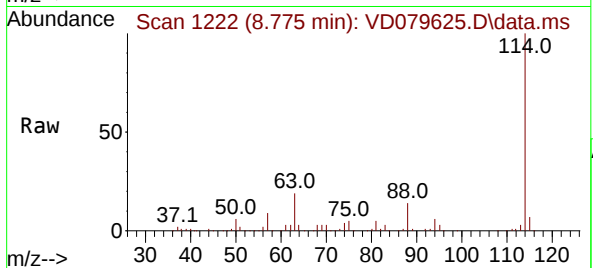
Tgt Ion:114 Resp: 304843

Ion Ratio Lower Upper

114 100

63 19.0 0.0 34.0

88 14.4 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.872 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079625.D

Acq: 06 Aug 2024 16:15

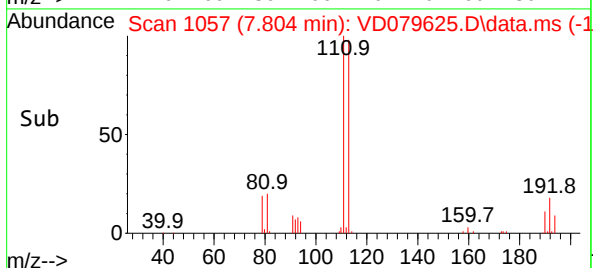
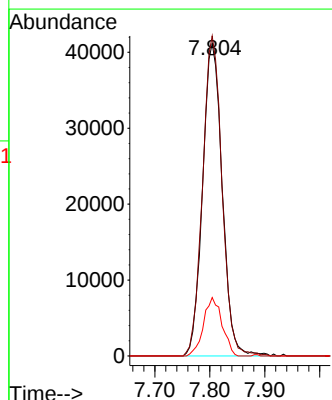
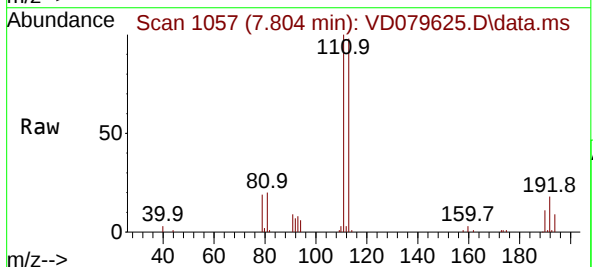
Tgt Ion:113 Resp: 102119

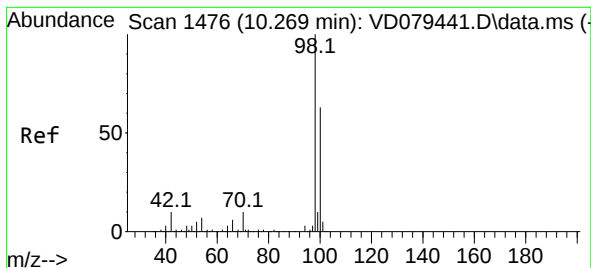
Ion Ratio Lower Upper

113 100

111 101.2 84.0 126.0

192 17.7 15.4 23.0





#50

Toluene-d8

Concen: 36.380 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VD079625.D

Acq: 06 Aug 2024 16:15

Instrument :

MSVOA_D

ClientSampleId :

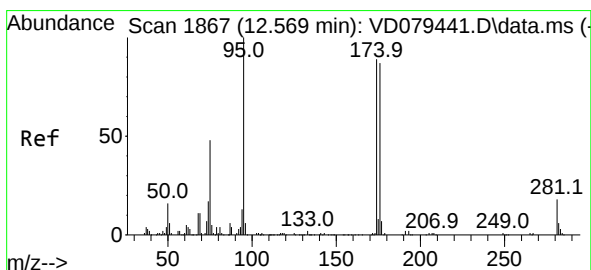
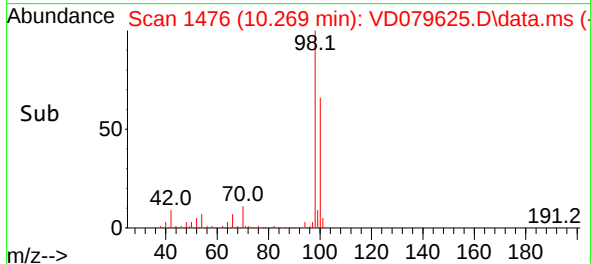
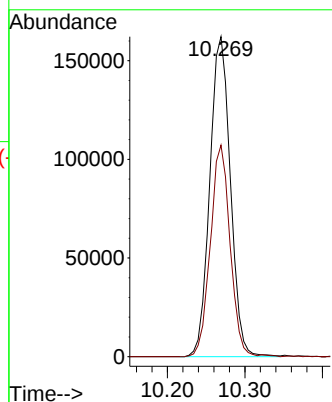
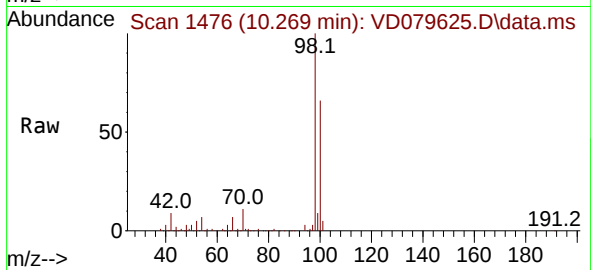
TP3RE

Tgt Ion: 98 Resp: 299166

Ion Ratio Lower Upper

98 100

100 63.4 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 26.876 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.000 min

Lab File: VD079625.D

Acq: 06 Aug 2024 16:15

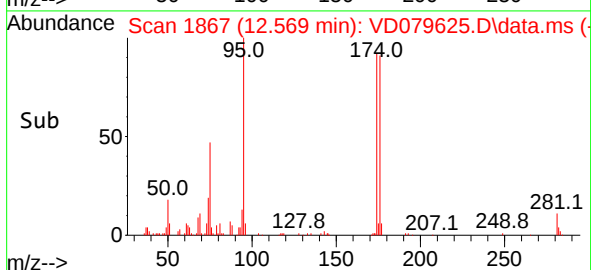
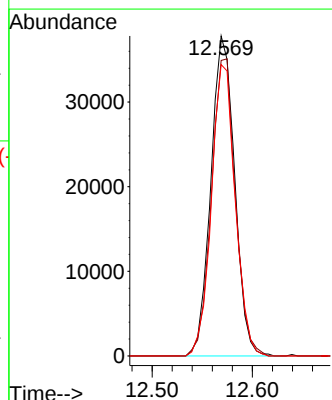
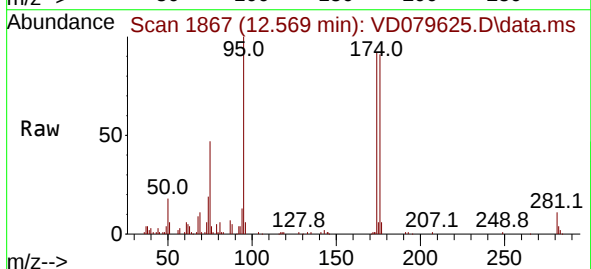
Tgt Ion: 95 Resp: 62255

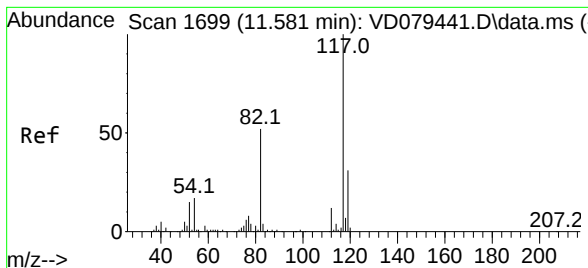
Ion Ratio Lower Upper

95 100

174 93.7 0.0 195.4

176 91.2 0.0 192.6

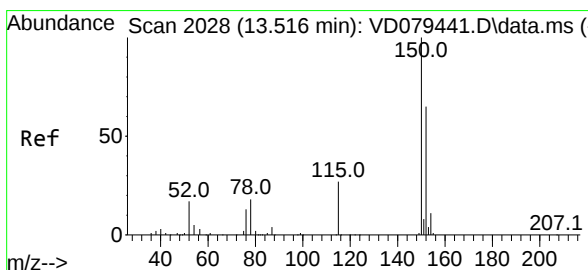
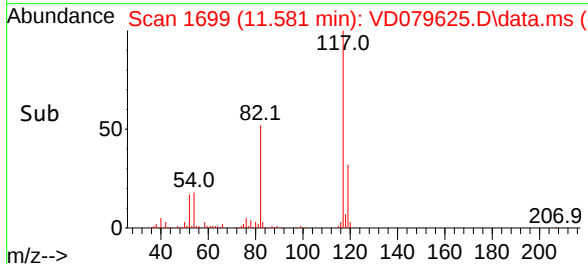
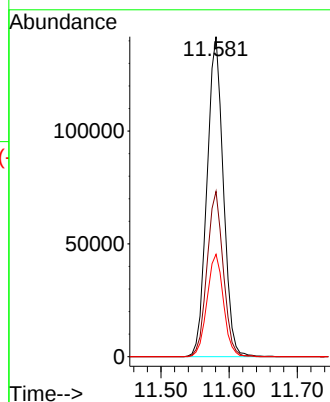
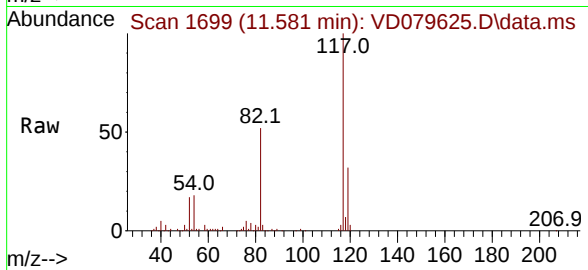




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD079625.D
Acq: 06 Aug 2024 16:15

Instrument :
MSVOA_D
ClientSampleId :
TP3RE

Tgt Ion:117 Resp: 236762
Ion Ratio Lower Upper
117 100
82 51.7 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: VD079625.D
Acq: 06 Aug 2024 16:15

Tgt Ion:152 Resp: 64612
Ion Ratio Lower Upper
152 100
115 56.1 26.5 79.5
150 159.8 0.0 341.6

