

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080624\
 Data File : VD079621.D
 Acq On : 06 Aug 2024 14:25
 Operator : RP/MD
 Sample : P3441-01RE
 Misc : 5.04G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BU-02-08012024RE

Quant Time: Aug 06 14:49:30 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	25474	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	56500	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	58868	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	23553	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	30915	118.306	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	236.620%#
35) Dibromofluoromethane	7.810	113	26642	69.922	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	139.840%
50) Toluene-d8	10.269	98	64429	41.959	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	83.920%
62) 4-Bromofluorobenzene	12.569	95	19390	43.536	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.080%

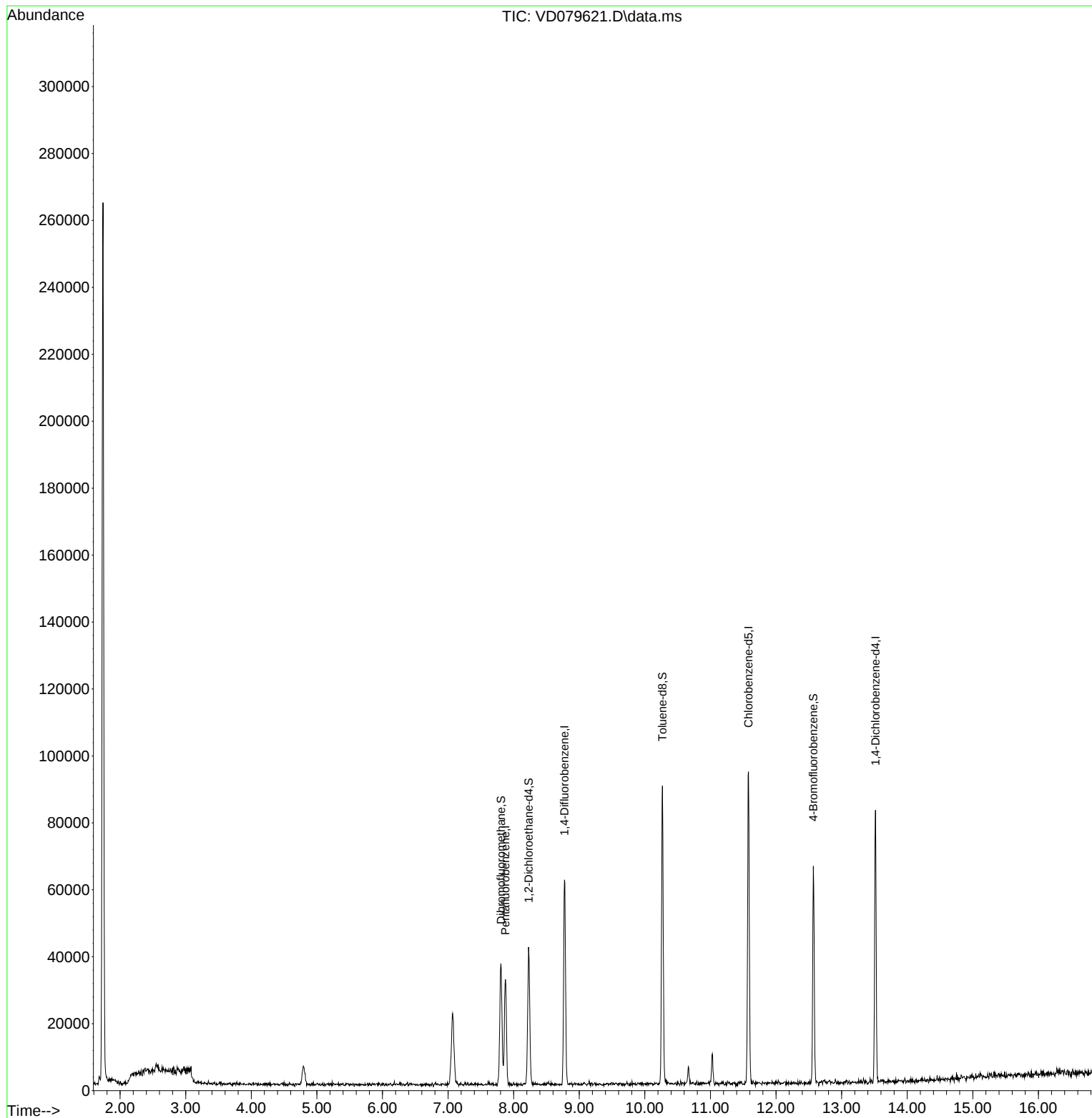
Target Compounds	Qvalue

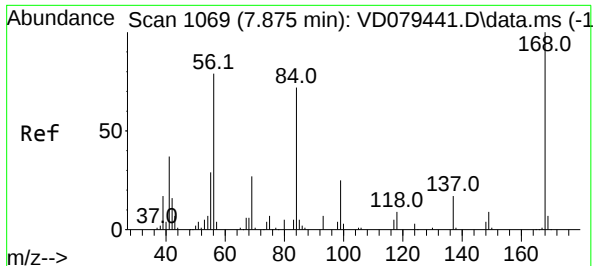
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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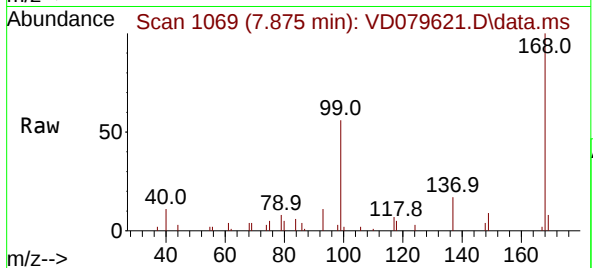
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260
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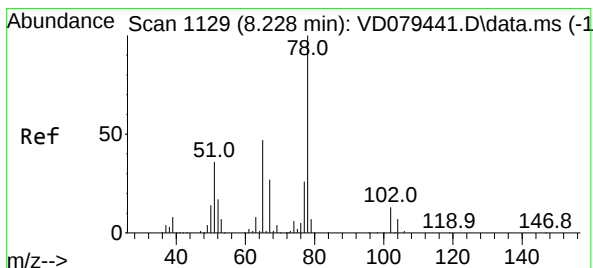
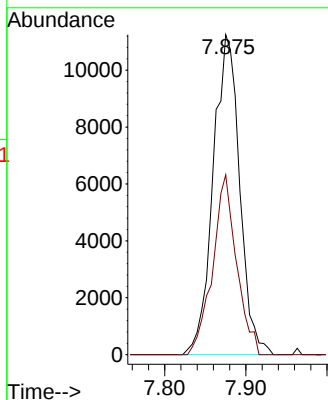
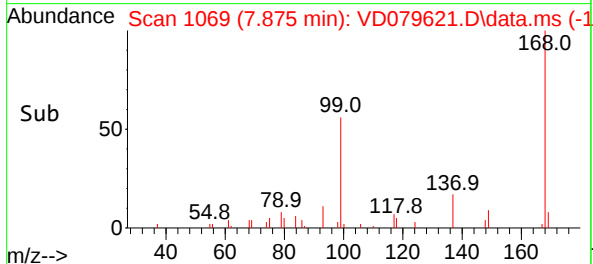


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079621.D
Acq: 06 Aug 2024 14:25

Instrument :
MSVOA_D
ClientSampleId :
BU-02-08012024RE

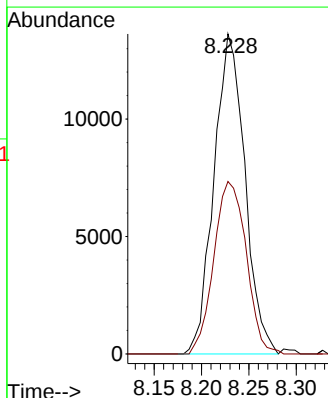
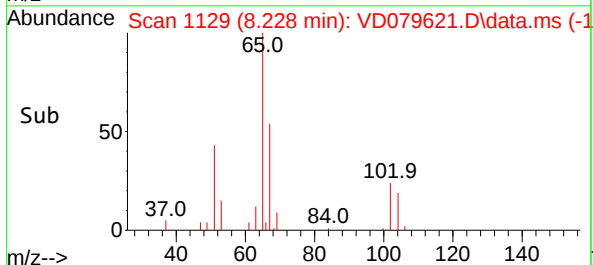
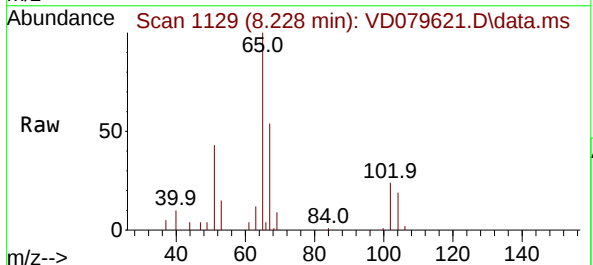


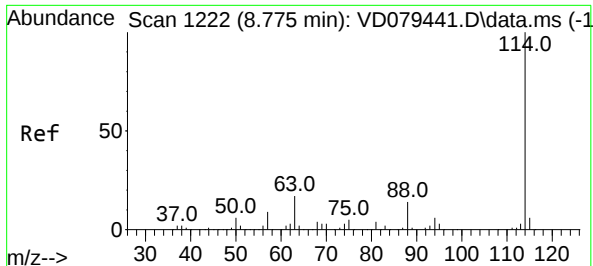
Tgt Ion:168 Resp: 25474
Ion Ratio Lower Upper
168 100
99 56.2 41.1 61.7



#33
1,2-Dichloroethane-d4
Concen: 118.306 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079621.D
Acq: 06 Aug 2024 14:25

Tgt Ion: 65 Resp: 30915
Ion Ratio Lower Upper
65 100
67 56.5 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: VD079621.D

Acq: 06 Aug 2024 14:25

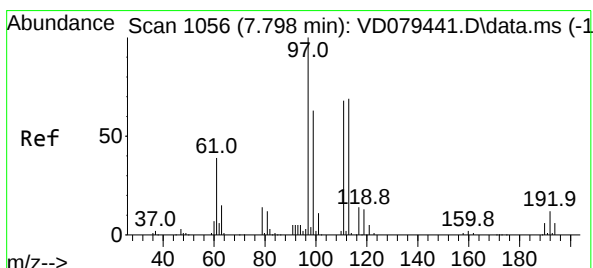
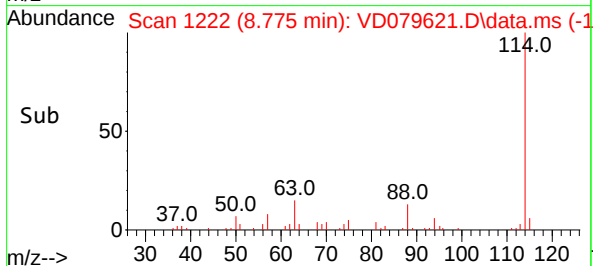
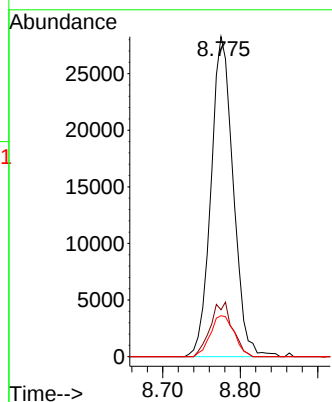
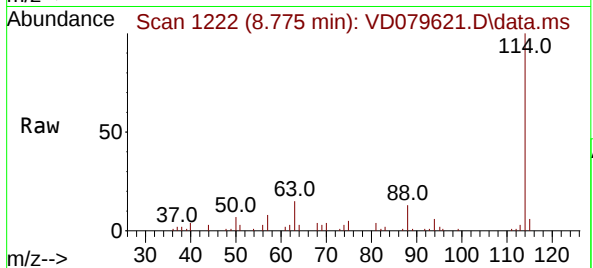
Instrument :

MSVOA_D

ClientSampleId :

BU-02-08012024RE

Tgt Ion:114	Resp:	56500
Ion	Ratio	Lower Upper
114	100	
63	14.7	0.0 34.0
88	12.8	0.0 27.2



#35

Dibromofluoromethane

Concen: 69.922 ug/l

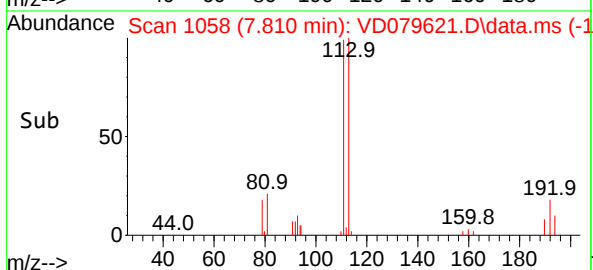
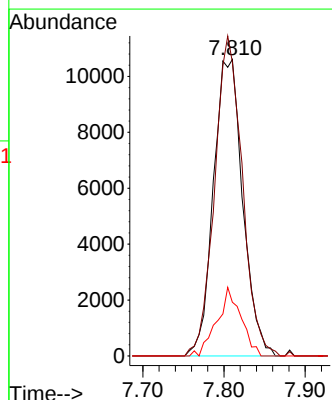
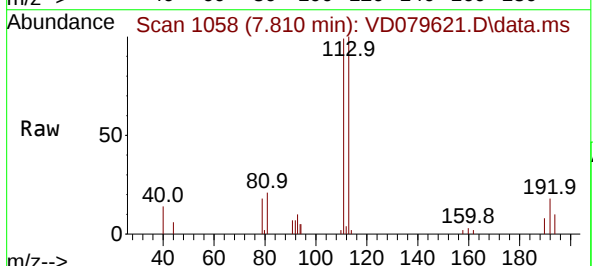
RT: 7.810 min Scan# 1058

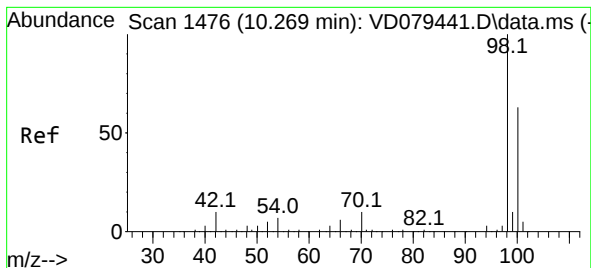
Delta R.T. 0.006 min

Lab File: VD079621.D

Acq: 06 Aug 2024 14:25

Tgt Ion:113	Resp:	26642
Ion	Ratio	Lower Upper
113	100	
111	101.8	84.0 126.0
192	18.9	15.4 23.0

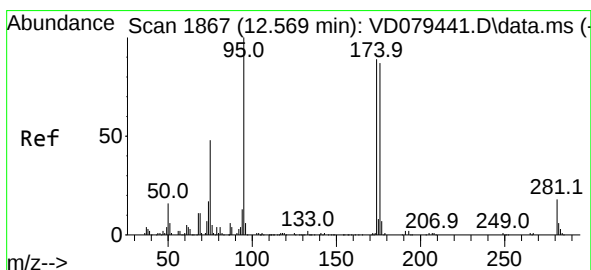
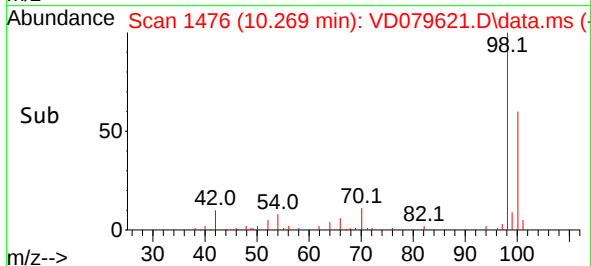
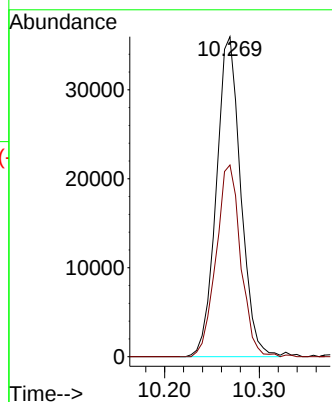
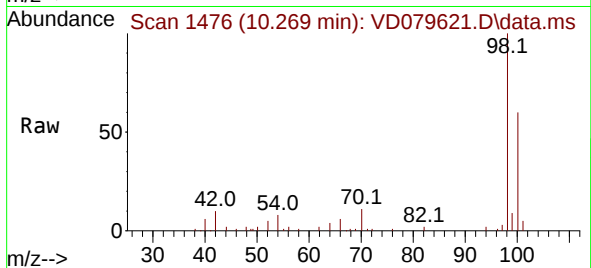




#50
Toluene-d8
Concen: 41.959 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079621.D
Acq: 06 Aug 2024 14:25

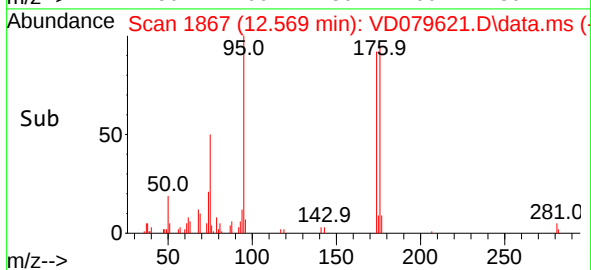
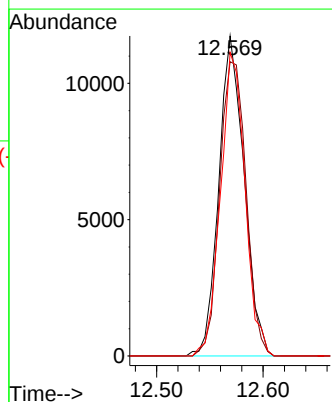
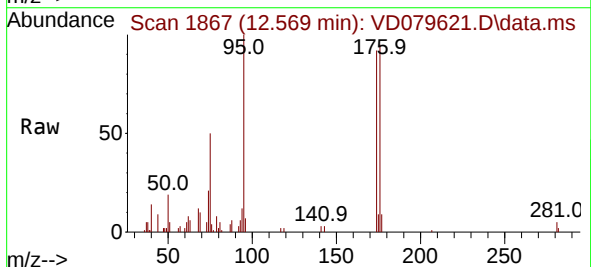
Instrument :
MSVOA_D
ClientSampleId :
BU-02-08012024RE

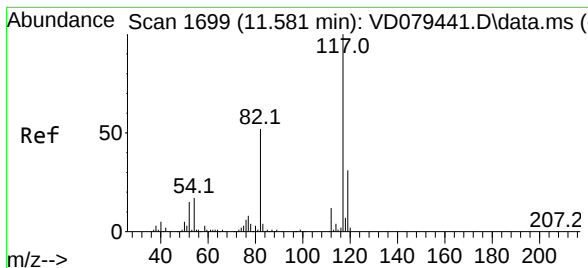
Tgt Ion: 98 Resp: 64429
Ion Ratio Lower Upper
98 100
100 60.5 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 43.536 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079621.D
Acq: 06 Aug 2024 14:25

Tgt Ion: 95 Resp: 19390
Ion Ratio Lower Upper
95 100
174 95.9 0.0 195.4
176 91.7 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: VD079621.D

Acq: 06 Aug 2024 14:25

Instrument :

MSVOA_D

ClientSampleId :

BU-02-08012024RE

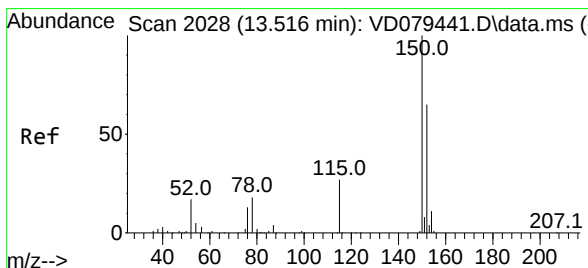
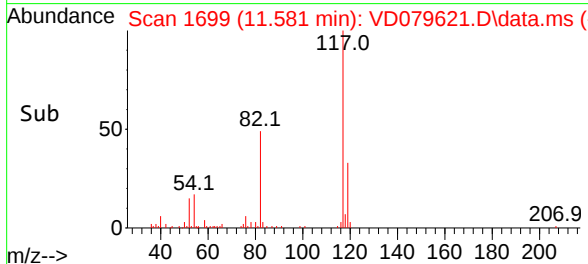
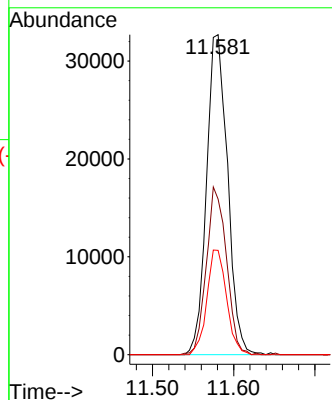
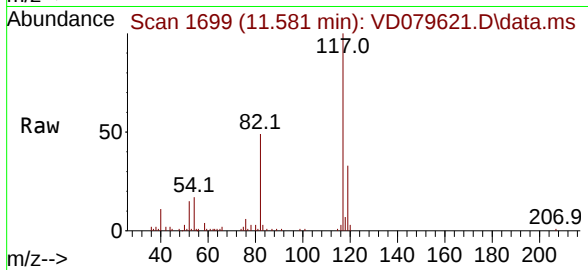
Tgt Ion:117 Resp: 58868

Ion Ratio Lower Upper

117 100

82 48.6 39.8 59.6

119 32.6 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: VD079621.D

Acq: 06 Aug 2024 14:25

Tgt Ion:152 Resp: 23553

Ion Ratio Lower Upper

152 100

115 56.4 26.5 79.5

150 152.4 0.0 341.6

