

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080924\
 Data File : VD079695.D
 Acq On : 09 Aug 2024 16:08
 Operator : RP/MD
 Sample : P3484-01RE
 Misc : 5.04G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BRE

Quant Time: Aug 10 02:11:26 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	4802	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.769	114	12417	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	12454	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	5185	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	5900	120.942	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	241.880%#
35) Dibromofluoromethane	7.799	113	4621	54.983	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.960%
50) Toluene-d8	10.269	98	11972	36.682	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	73.360%
62) 4-Bromofluorobenzene	12.563	95	3975	42.088	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.180%

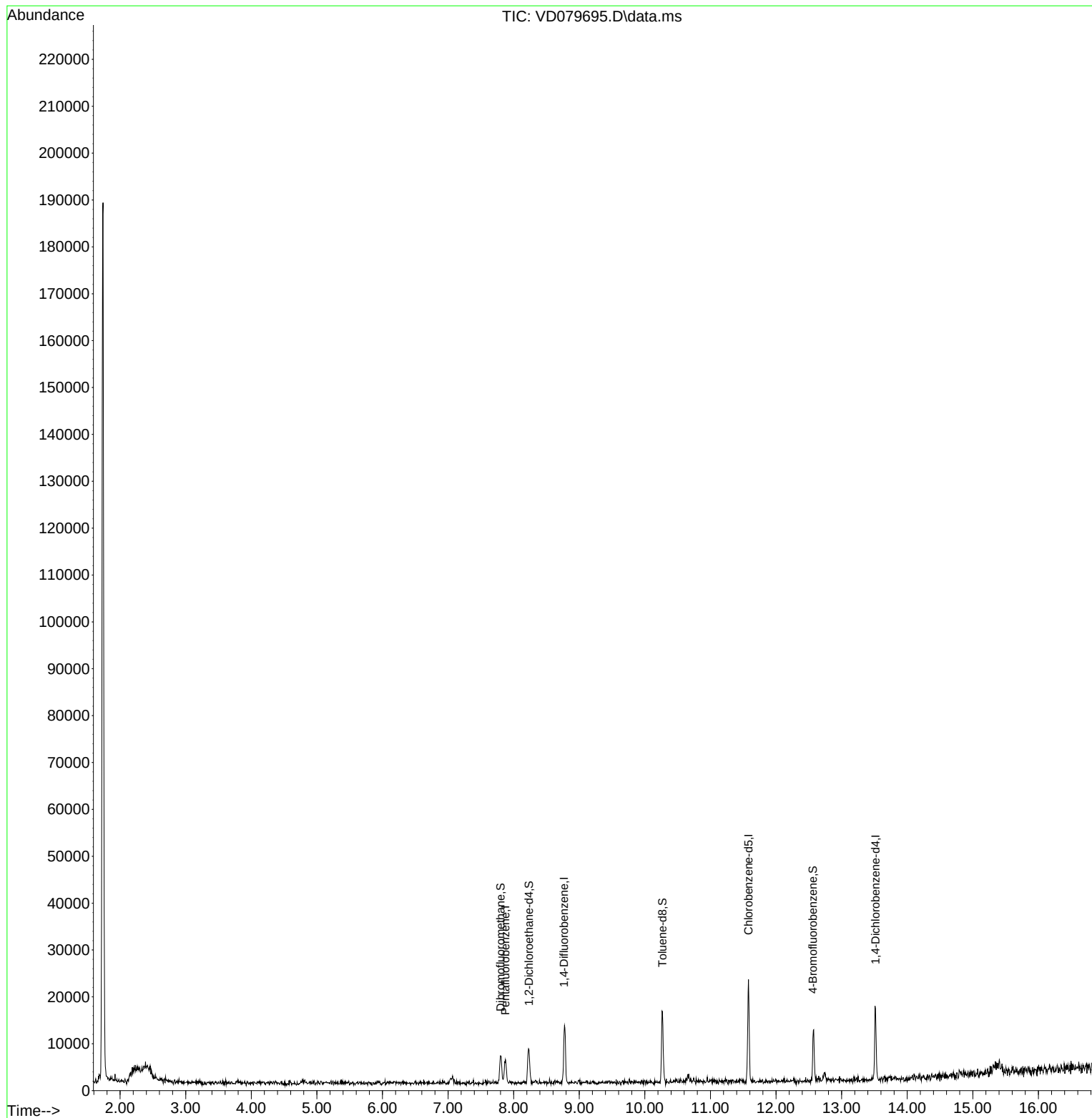
Target Compounds	Qvalue

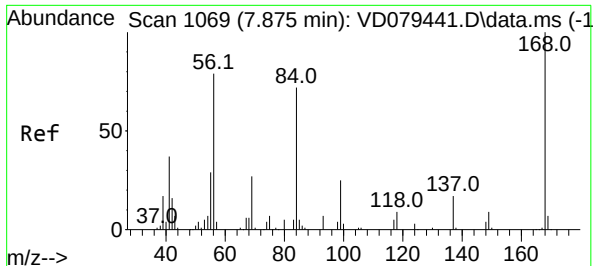
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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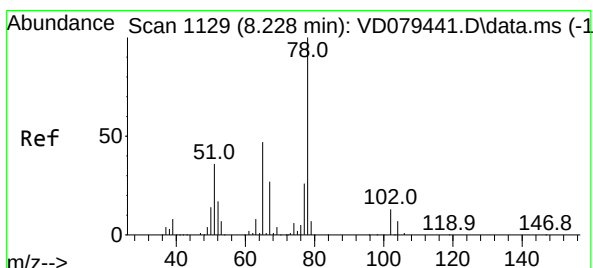
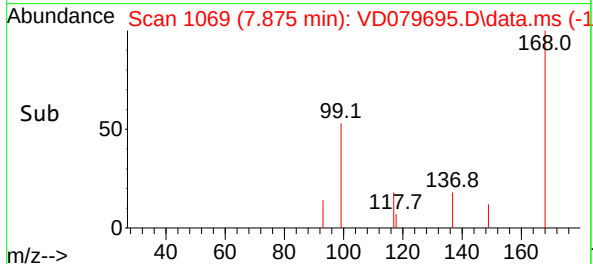
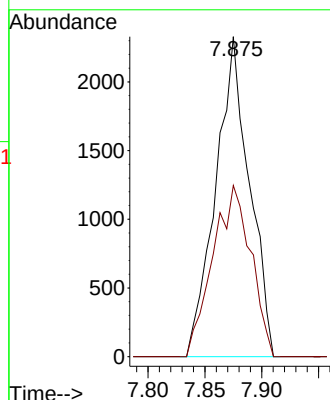
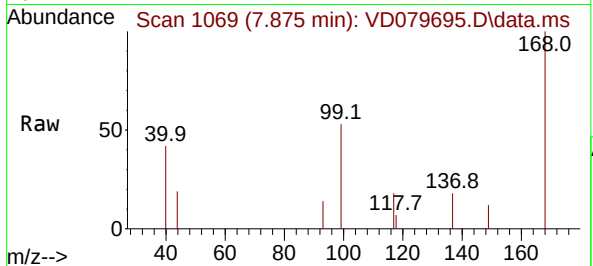




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD079695.D
Acq: 09 Aug 2024 16:08

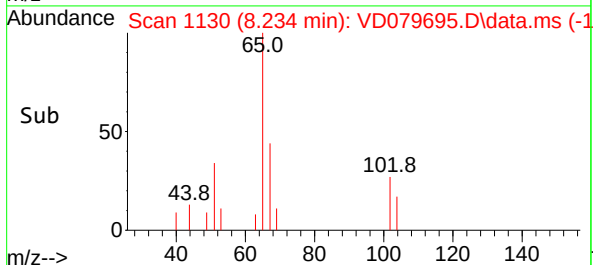
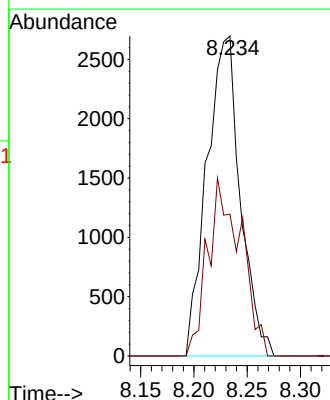
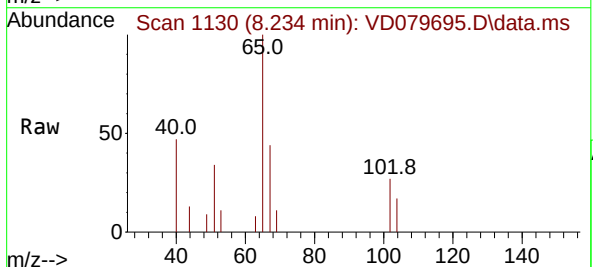
Instrument :
MSVOA_D
ClientSampleId :
BRE

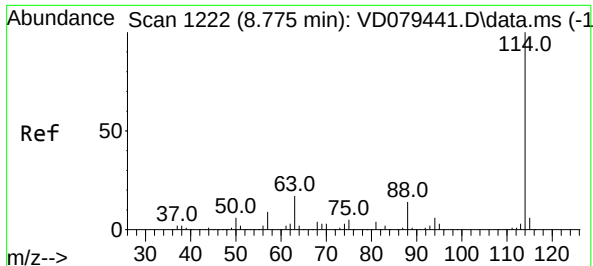
Tgt Ion:168 Resp: 4802
Ion Ratio Lower Upper
168 100
99 53.5 41.1 61.7



#33
1,2-Dichloroethane-d4
Concen: 120.942 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD079695.D
Acq: 09 Aug 2024 16:08

Tgt Ion: 65 Resp: 5900
Ion Ratio Lower Upper
65 100
67 55.3 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.769 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD079695.D

Acq: 09 Aug 2024 16:08

Instrument :

MSVOA_D

ClientSampleId :

BRE

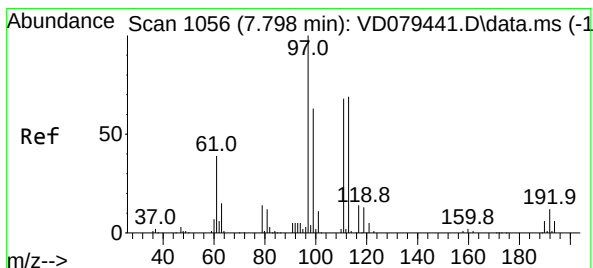
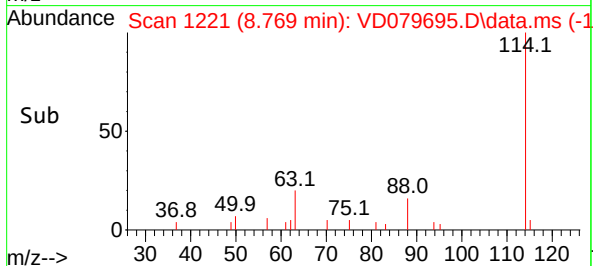
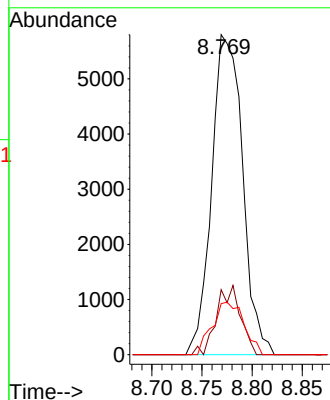
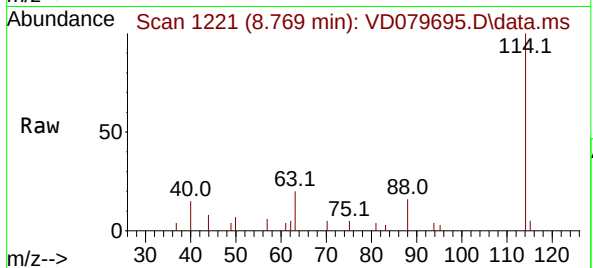
Tgt Ion:114 Resp: 12417

Ion Ratio Lower Upper

114 100

63 20.3 0.0 34.0

88 15.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 54.983 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD079695.D

Acq: 09 Aug 2024 16:08

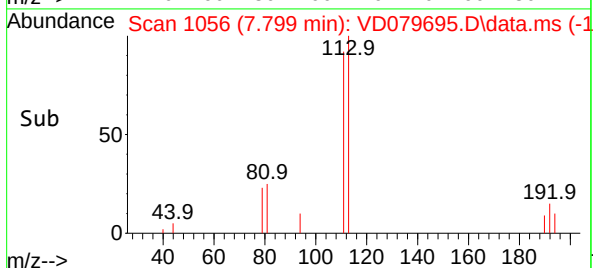
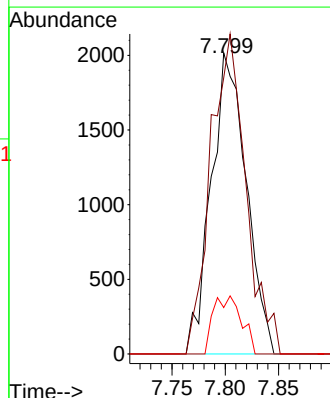
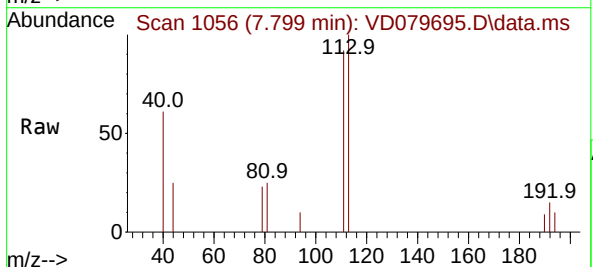
Tgt Ion:113 Resp: 4621

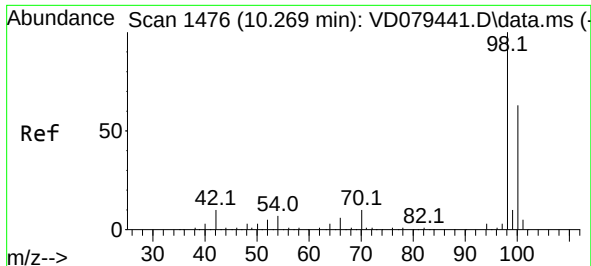
Ion Ratio Lower Upper

113 100

111 107.0 84.0 126.0

192 15.4 15.4 23.0

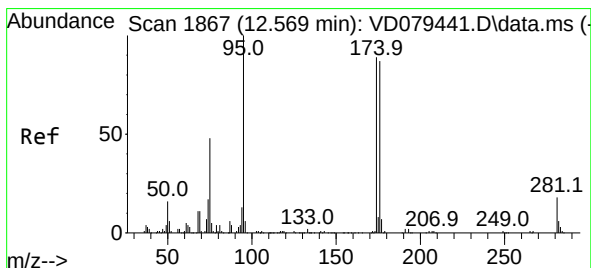
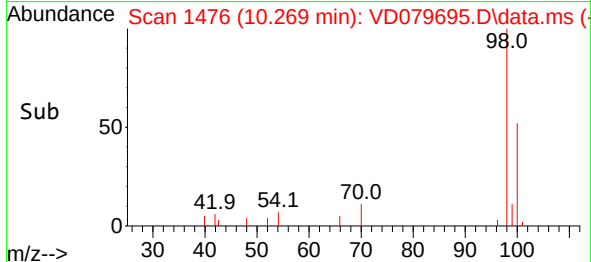
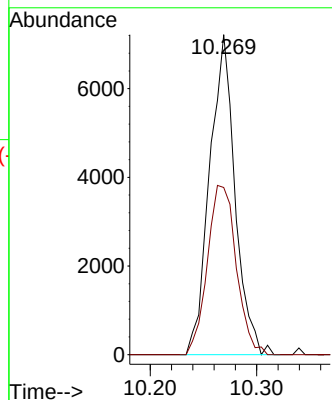
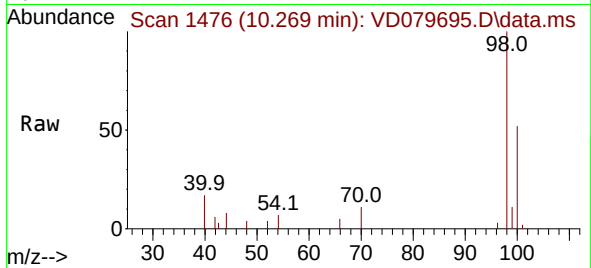




#50
Toluene-d8
Concen: 36.682 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079695.D
Acq: 09 Aug 2024 16:08

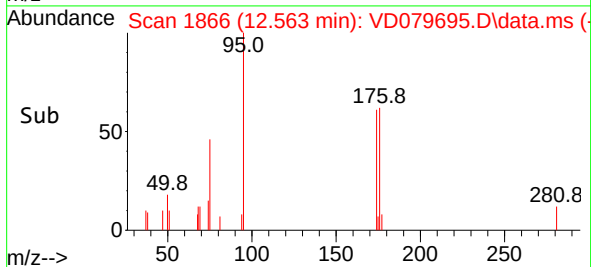
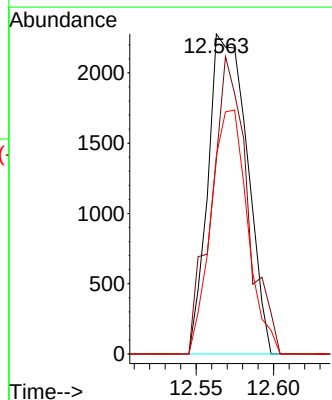
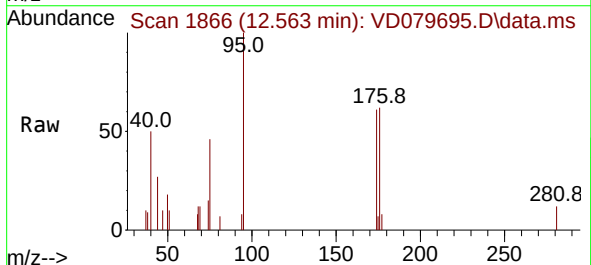
Instrument :
MSVOA_D
ClientSampleId :
BRE

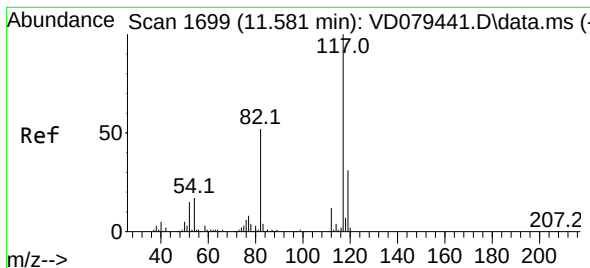
Tgt Ion: 98 Resp: 11972
Ion Ratio Lower Upper
98 100
100 60.1 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 42.088 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. -0.006 min
Lab File: VD079695.D
Acq: 09 Aug 2024 16:08

Tgt Ion: 95 Resp: 3975
Ion Ratio Lower Upper
95 100
174 85.5 0.0 195.4
176 71.7 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: VD079695.D

Acq: 09 Aug 2024 16:08

Instrument :

MSVOA_D

ClientSampleId :

BRE

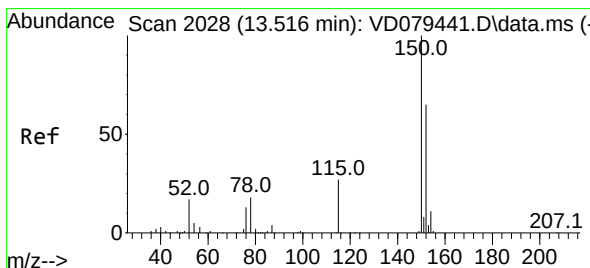
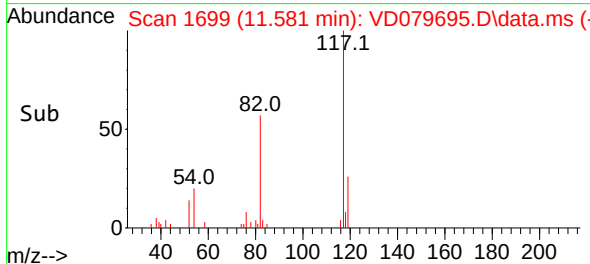
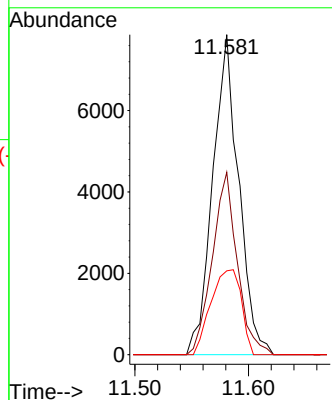
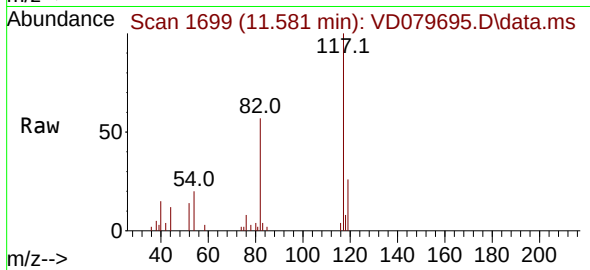
Tgt Ion:117 Resp: 12454

Ion Ratio Lower Upper

117 100

82 57.0 39.8 59.6

119 26.2 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: VD079695.D

Acq: 09 Aug 2024 16:08

Tgt Ion:152 Resp: 5185

Ion Ratio Lower Upper

152 100

115 46.2 26.5 79.5

150 142.2 0.0 341.6

