

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080924\
 Data File : VD079697.D
 Acq On : 09 Aug 2024 17:04
 Operator : RP/MD
 Sample : P3509-01
 Misc : 5.02G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-02-080724

Quant Time: Aug 10 03:12:47 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	7.881	168	393	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.769	114	1095	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	79	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.51
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	201	50.344	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.680%	
35) Dibromofluoromethane	7.793	113	236	31.843	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 63.680%	
50) Toluene-d8	10.275	98	544	18.901	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 37.800%#	
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	30 - 143	Recovery	= 0.000%#	

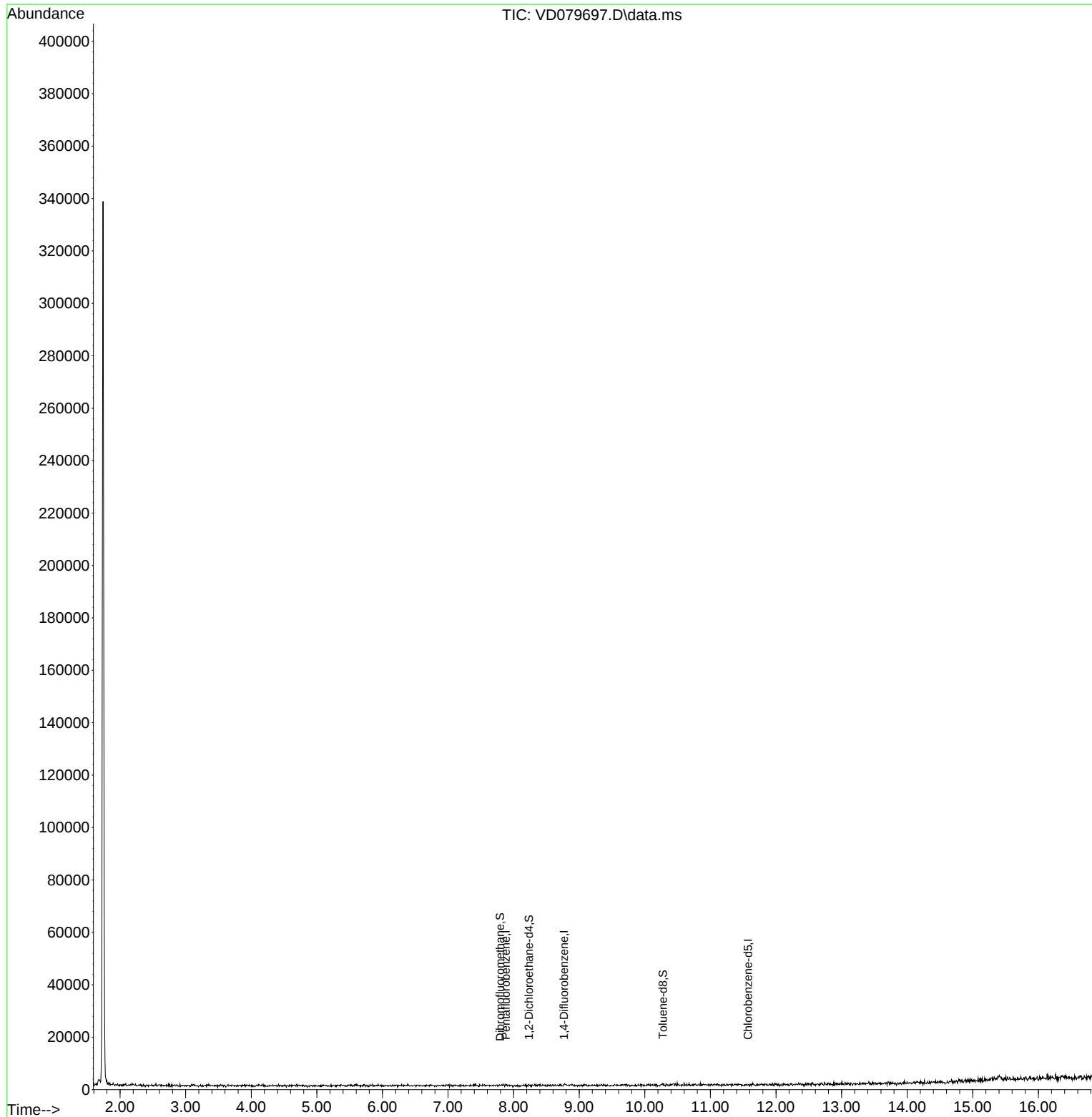
Target Compounds Qvalue

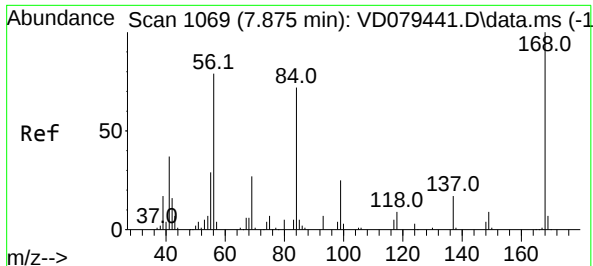
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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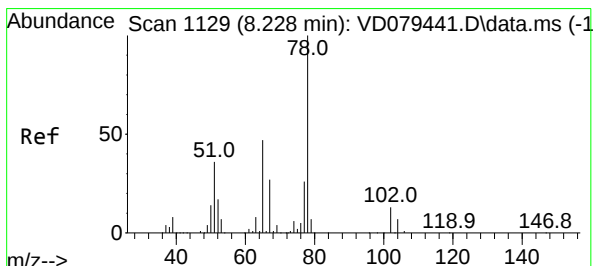
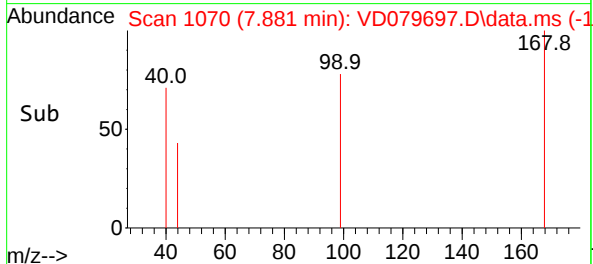
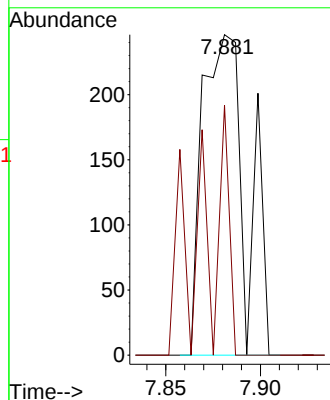
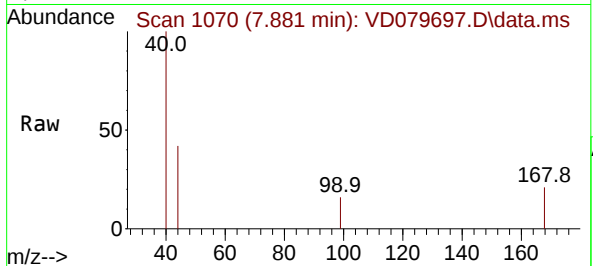




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD079697.D
Acq: 09 Aug 2024 17:04

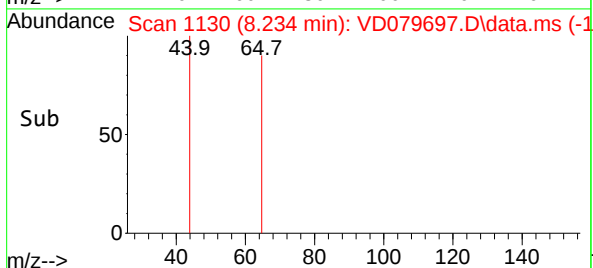
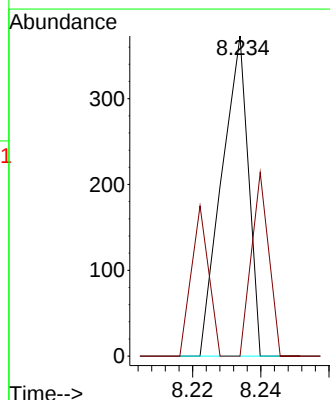
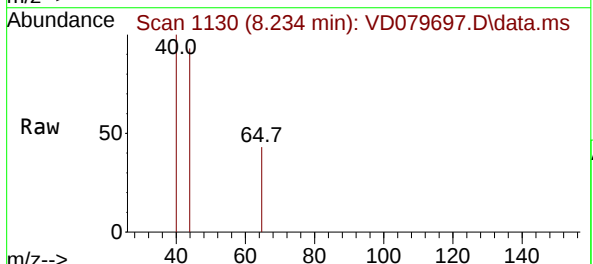
Instrument :
MSVOA_D
ClientSampleId :
OR-02-080724

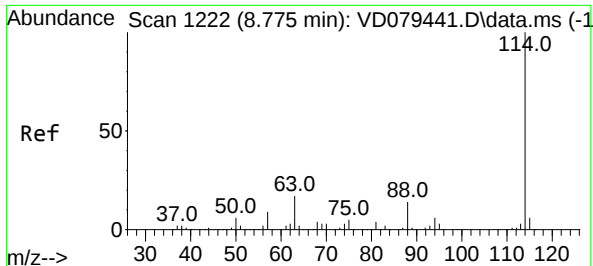
Tgt Ion:168 Resp: 393
Ion Ratio Lower Upper
168 100
99 78.0 41.1 61.7#



#33
1,2-Dichloroethane-d4
Concen: 50.344 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD079697.D
Acq: 09 Aug 2024 17:04

Tgt Ion: 65 Resp: 201
Ion Ratio Lower Upper
65 100
67 37.3 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: VD079697.D

Acq: 09 Aug 2024 17:04

Instrument :

MSVOA_D

ClientSampleId :

OR-02-080724

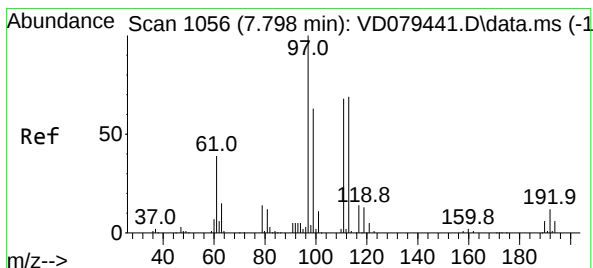
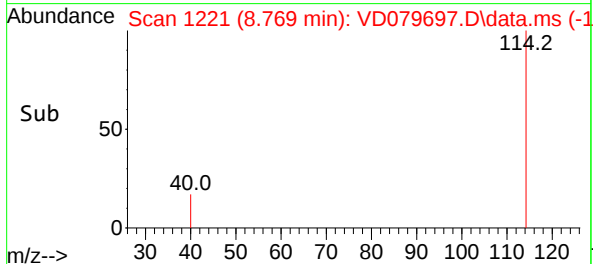
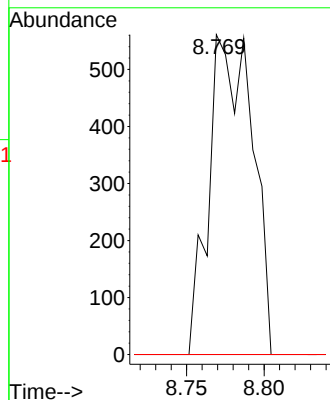
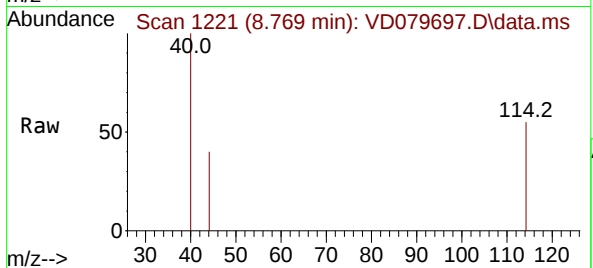
Tgt Ion:114 Resp: 1095

Ion Ratio Lower Upper

114 100

63 0.0 0.0 34.0

88 0.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 31.843 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.012 min

Lab File: VD079697.D

Acq: 09 Aug 2024 17:04

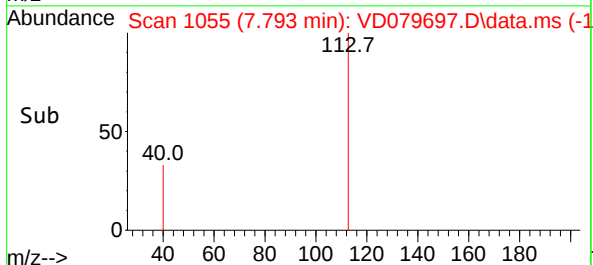
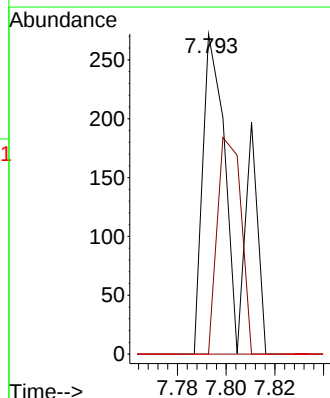
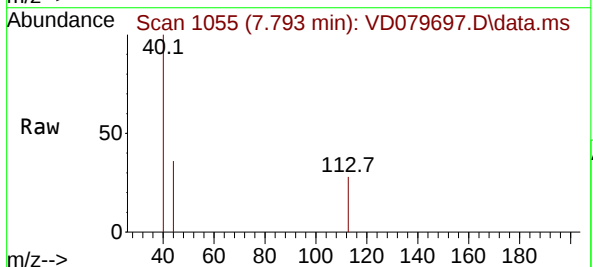
Tgt Ion:113 Resp: 236

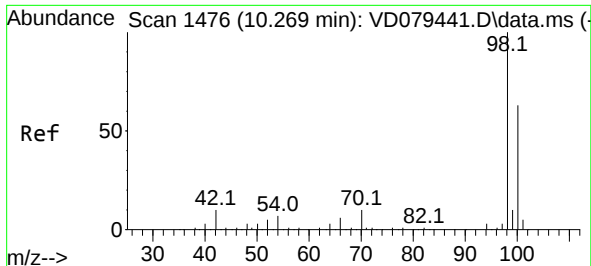
Ion Ratio Lower Upper

113 100

111 53.0 84.0 126.0#

192 0.0 15.4 23.0#





#50

Toluene-d8

Concen: 18.901 ug/l

RT: 10.275 min Scan# 14

Delta R.T. 0.012 min

Lab File: VD079697.D

Acq: 09 Aug 2024 17:04

Instrument :

MSVOA_D

ClientSampleId :

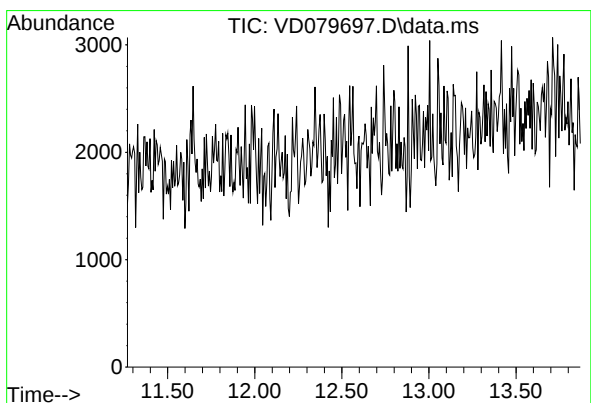
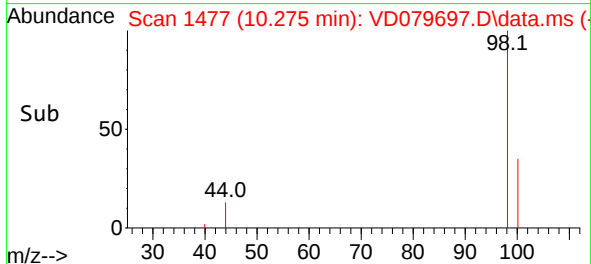
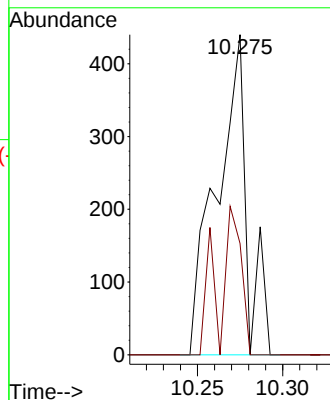
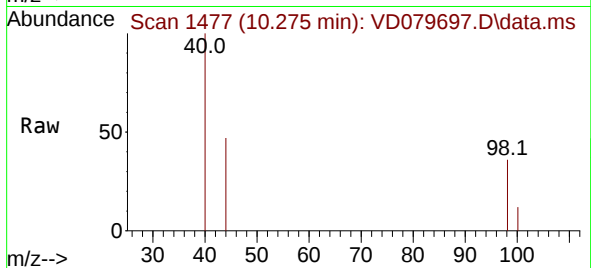
OR-02-080724

Tgt Ion: 98 Resp: 544

Ion Ratio Lower Upper

98 100

100 34.6 51.6 77.4#



#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 12.57 min

Lab File: VD079697.D

Acq: 09 Aug 2024 17:04

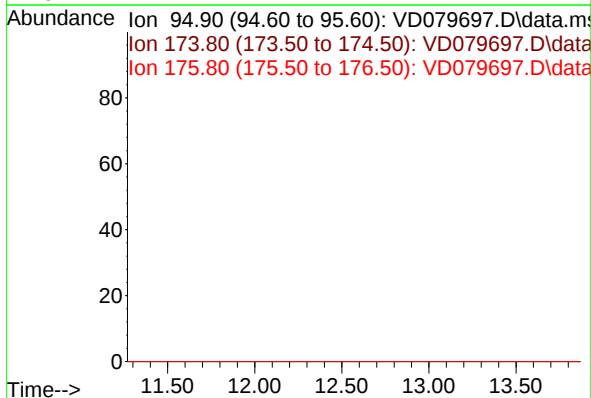
Tgt Ion: 95

Sig Exp Ratio

95 100

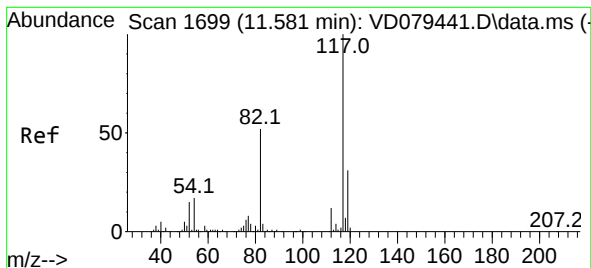
174 97.7

176 96.3



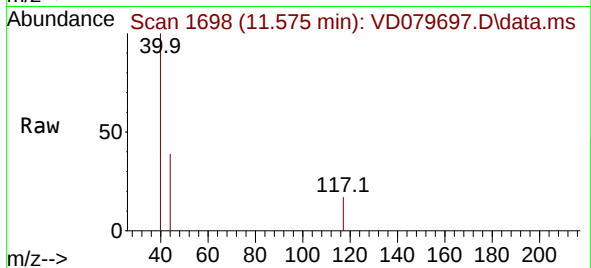
Ion 173.80 (173.50 to 174.50): VD079697.D\data.ms

Ion 175.80 (175.50 to 176.50): VD079697.D\data.ms

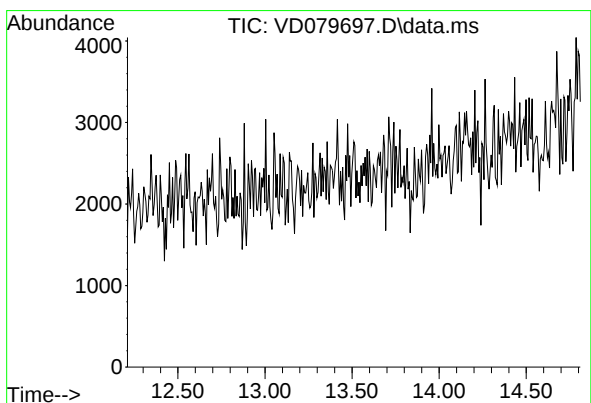
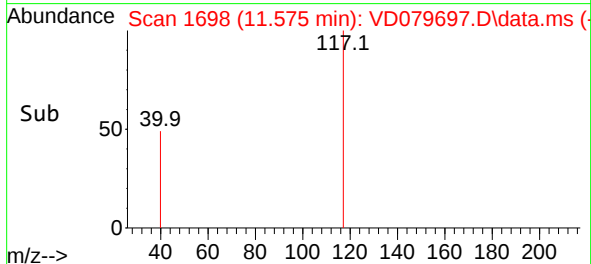
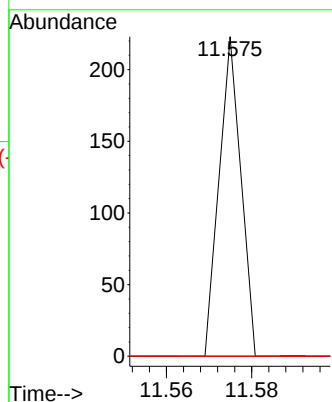


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD079697.D
Acq: 09 Aug 2024 17:04

Instrument :
MSVOA_D
ClientSampleId :
OR-02-080724



Tgt Ion:117 Resp: 79
Ion Ratio Lower Upper
117 100
82 0.0 39.8 59.6#
119 0.0 25.7 38.5#



#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 13.51 min

Lab File: VD079697.D
Acq: 09 Aug 2024 17:04

Tgt Ion: 152
Sig Exp Ratio
152 100
115 53.0
150 170.8

