

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111524\
 Data File : VD080034.D
 Acq On : 15 Nov 2024 19:28
 Operator : RP/MD
 Sample : P4833-03
 Misc : 2.88G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-731-VOC

Quant Time: Nov 15 22:26:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 15 16:25:47 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.881	168	58	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.787	114	404	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.593	117	276	50.000	ug/l	# 0.01
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.52
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.204	65	57	95.451	ug/l	-0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	190.900%#
35) Dibromofluoromethane	7.793	113	225	83.682	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	167.360%#
50) Toluene-d8	10.269	98	488	48.155	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.320%
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	30 - 143	Recovery	=	0.000%#

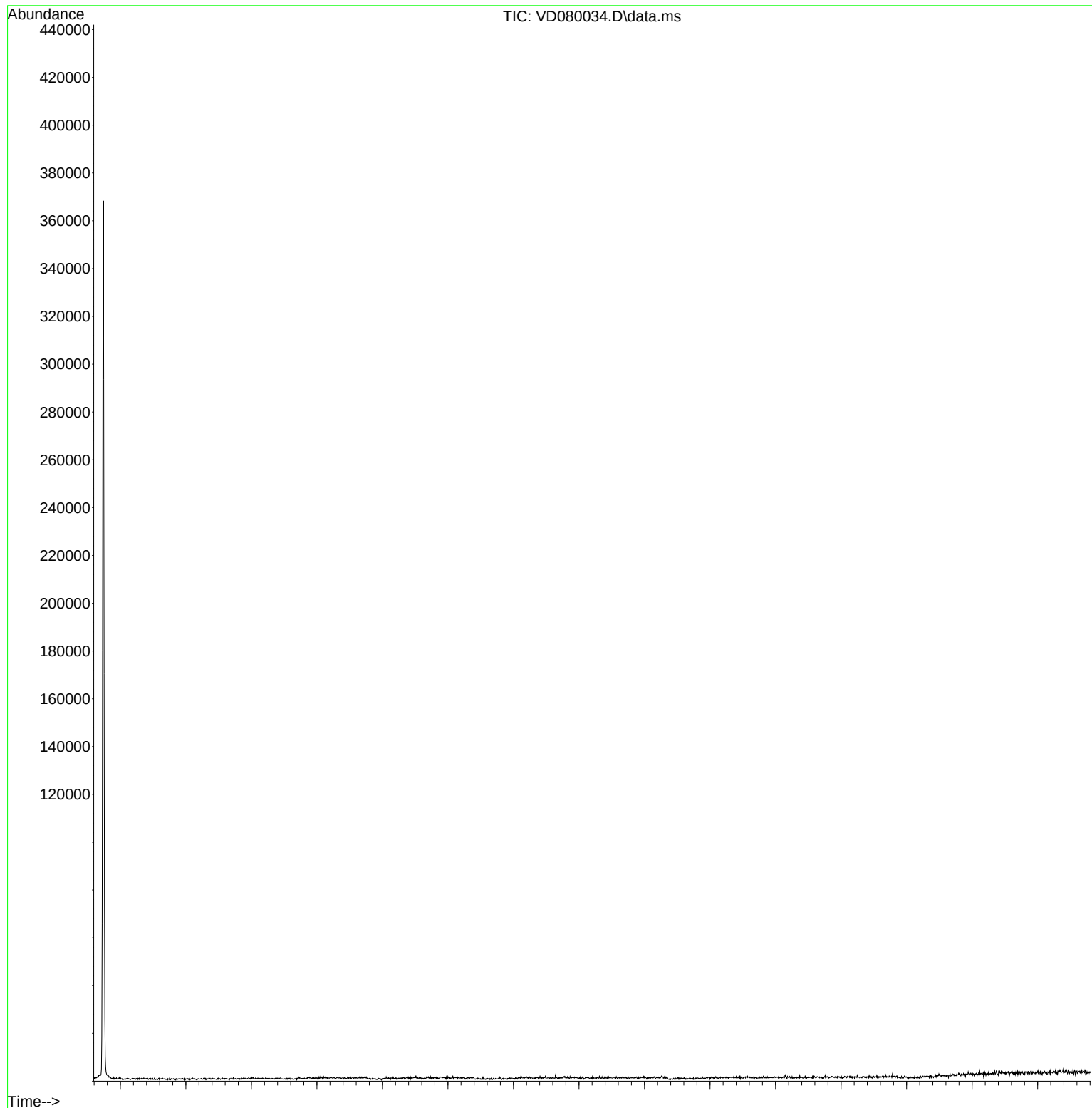
Target Compounds Qvalue

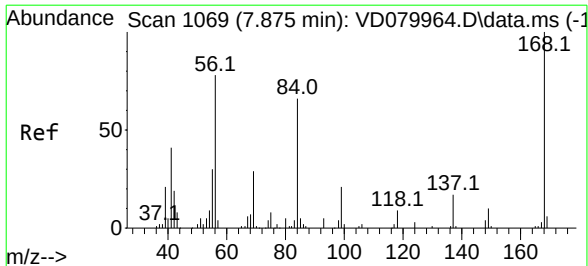
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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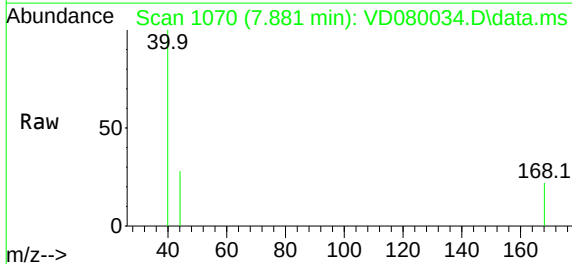
Quant Time: Nov 15 22:26:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111524S.M
Quant Title : SW846 8260
QLast Update : Fri Nov 15 16:25:47 2024
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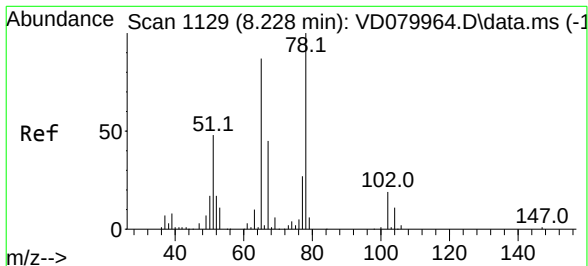
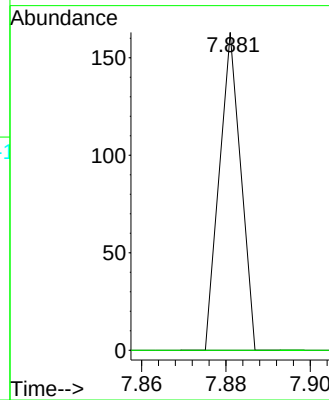
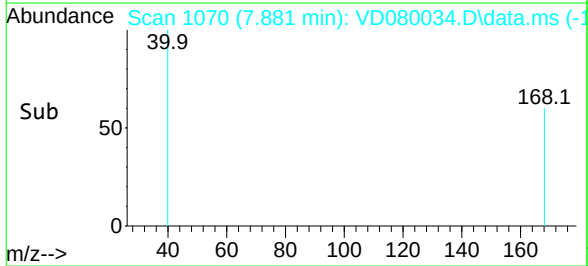


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD080034.D
Acq: 15 Nov 2024 19:28

Instrument :
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ClientSampleId :
MH-731-VOC

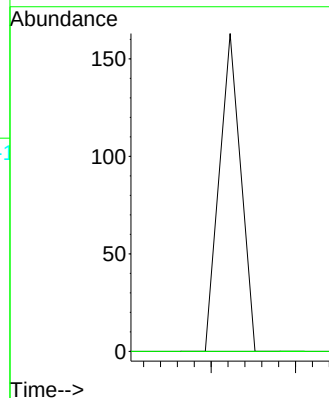
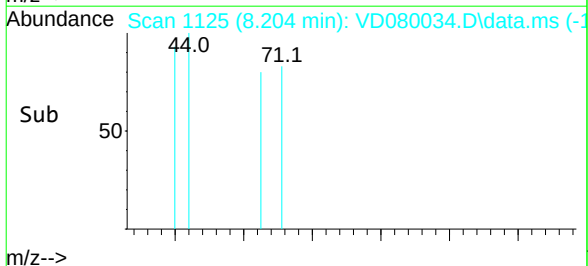
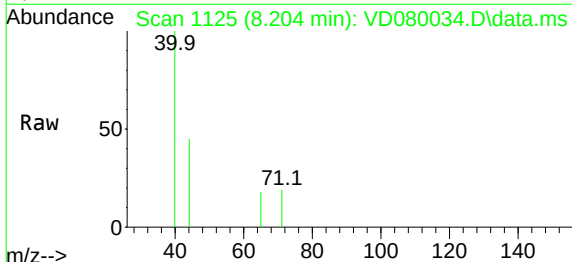


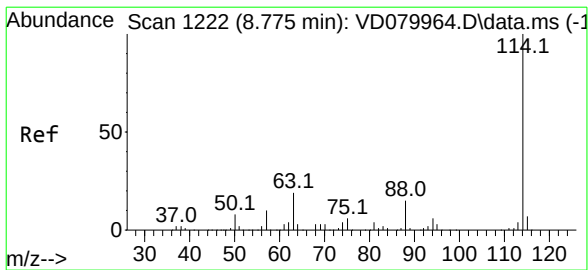
Tgt Ion:168 Resp: 58
Ion Ratio Lower Upper
168 100
99 0.0 46.0 69.0#



#33
1,2-Dichloroethane-d4
Concen: 95.451 ug/l
RT: 8.204 min Scan# 1125
Delta R.T. -0.024 min
Lab File: VD080034.D
Acq: 15 Nov 2024 19:28

Tgt Ion: 65 Resp: 57
Ion Ratio Lower Upper
65 100
67 0.0 0.0 109.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.787 min Scan# 12

Delta R.T. 0.012 min

Lab File: VD080034.D

Acq: 15 Nov 2024 19:28

Instrument :

MSVOA_D

ClientSampleId :

MH-731-VOC

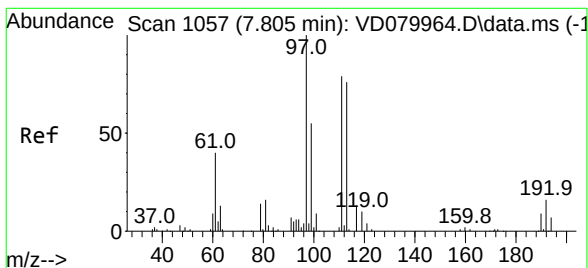
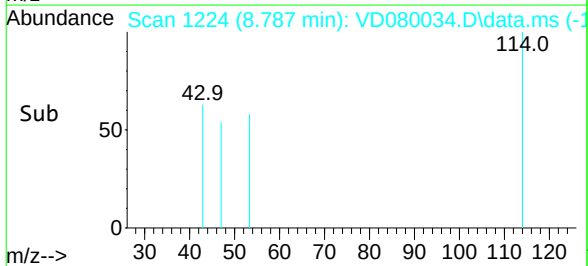
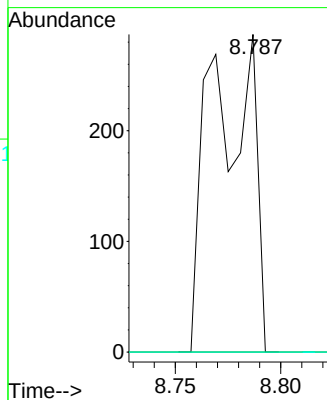
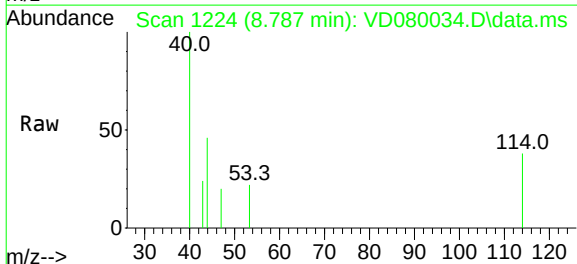
Tgt Ion:114 Resp: 404

Ion Ratio Lower Upper

114 100

63 0.0 0.0 38.8

88 0.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 83.682 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.012 min

Lab File: VD080034.D

Acq: 15 Nov 2024 19:28

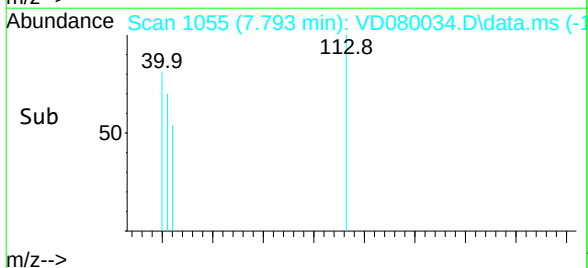
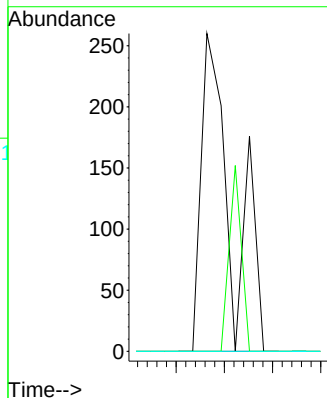
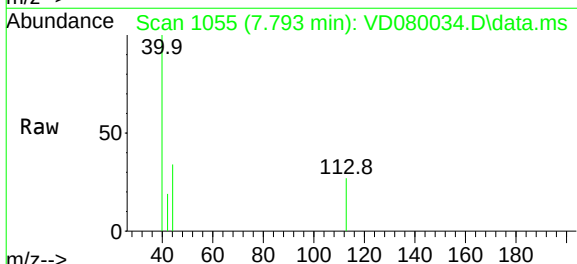
Tgt Ion:113 Resp: 225

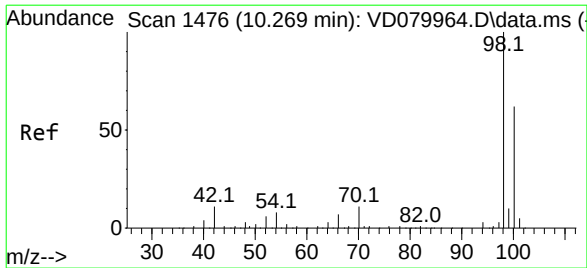
Ion Ratio Lower Upper

113 100

111 24.0 82.5 123.7#

192 0.0 16.6 25.0#





#50

Toluene-d8

Concen: 48.155 ug/l

RT: 10.269 min Scan# 14

Delta R.T. 0.000 min

Lab File: VD080034.D

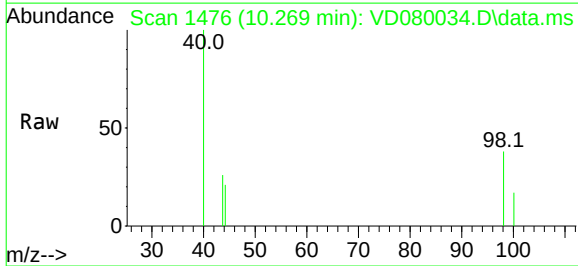
Acq: 15 Nov 2024 19:28

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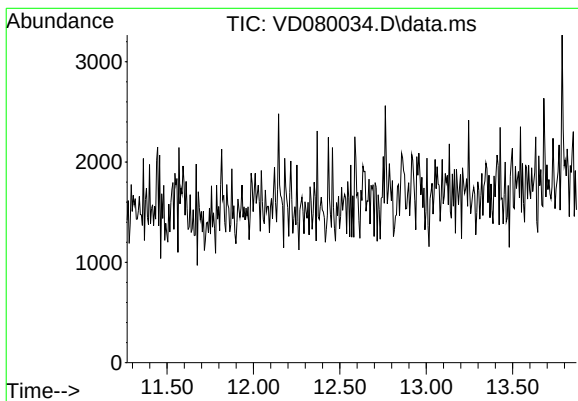
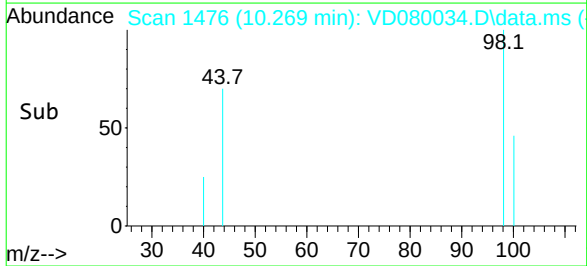
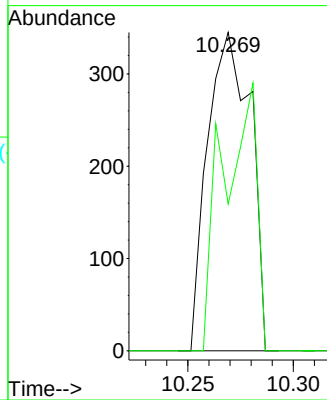


Tgt Ion: 98 Resp: 488

Ion Ratio Lower Upper

98 100

100 66.2 50.2 75.4



#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 12.57 min

Lab File: VD080034.D

Acq: 15 Nov 2024 19:28

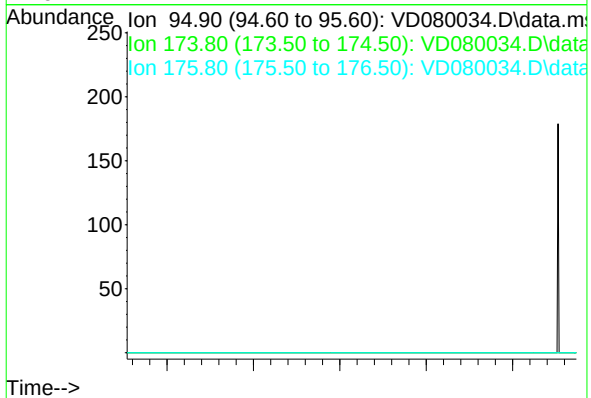
Tgt Ion: 95

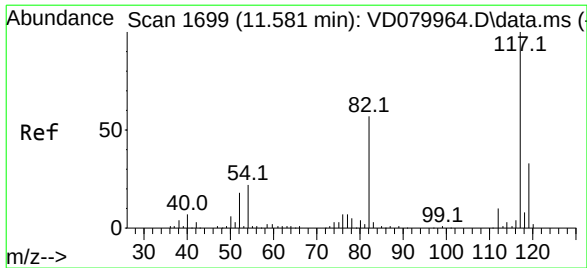
Sig Exp Ratio

95 100

174 86.7

176 83.3

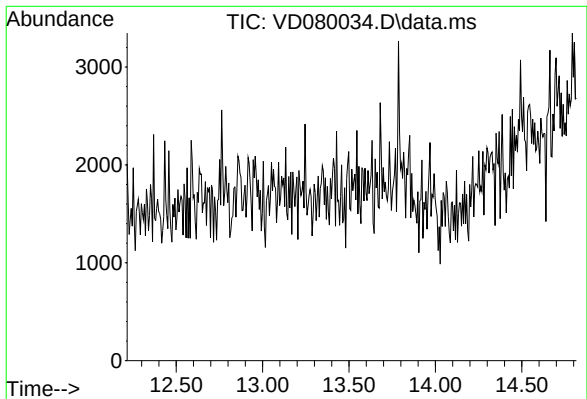
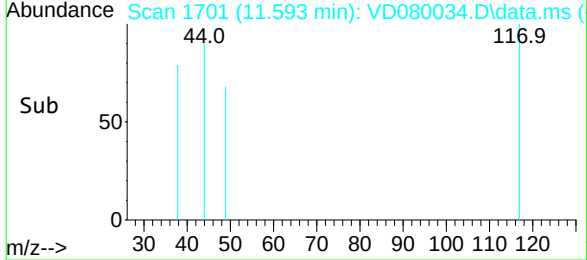
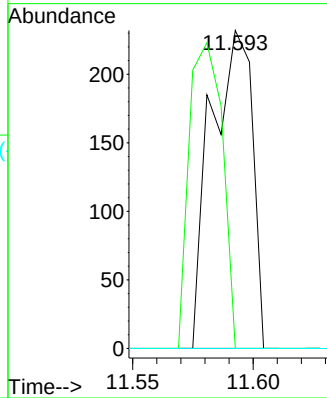
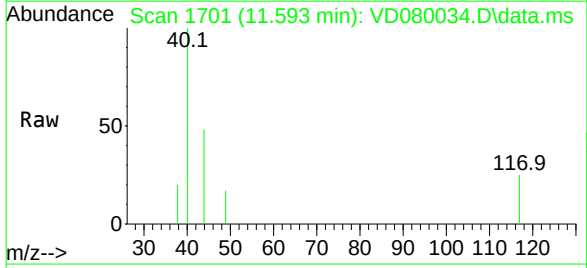




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.593 min Scan# 17
Delta R.T. 0.012 min
Lab File: VD080034.D
Acq: 15 Nov 2024 19:28

Instrument :
MSVOA_D
ClientSampleId :
MH-731-VOC

Tgt Ion:117 Resp: 276
Ion Ratio Lower Upper
117 100
82 0.0 45.8 68.6#
119 0.0 26.2 39.2#



#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 13.52 min

Lab File: VD080034.D
Acq: 15 Nov 2024 19:28

Tgt Ion: 152
Sig Exp Ratio
152 100
115 57.9
150 177.4

