

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060623\
 Data File : VD076348.D
 Acq On : 06 Jun 2023 19:04
 Operator : KP/SY
 Sample : 03049-03
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HR-03-060523

Quant Time: Jun 07 06:12:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 06 02:52:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.857	168	124	50.000	ug/l	#-0.02
34) 1,4-Difluorobenzene	8.781	114	661	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	363	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.52

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	139	125.109	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	250.220%#
35) Dibromofluoromethane	7.804	113	130	30.975	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	61.960%
50) Toluene-d8	10.275	98	638	38.181	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	76.360%
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	30 - 143	Recovery	=	0.000%#

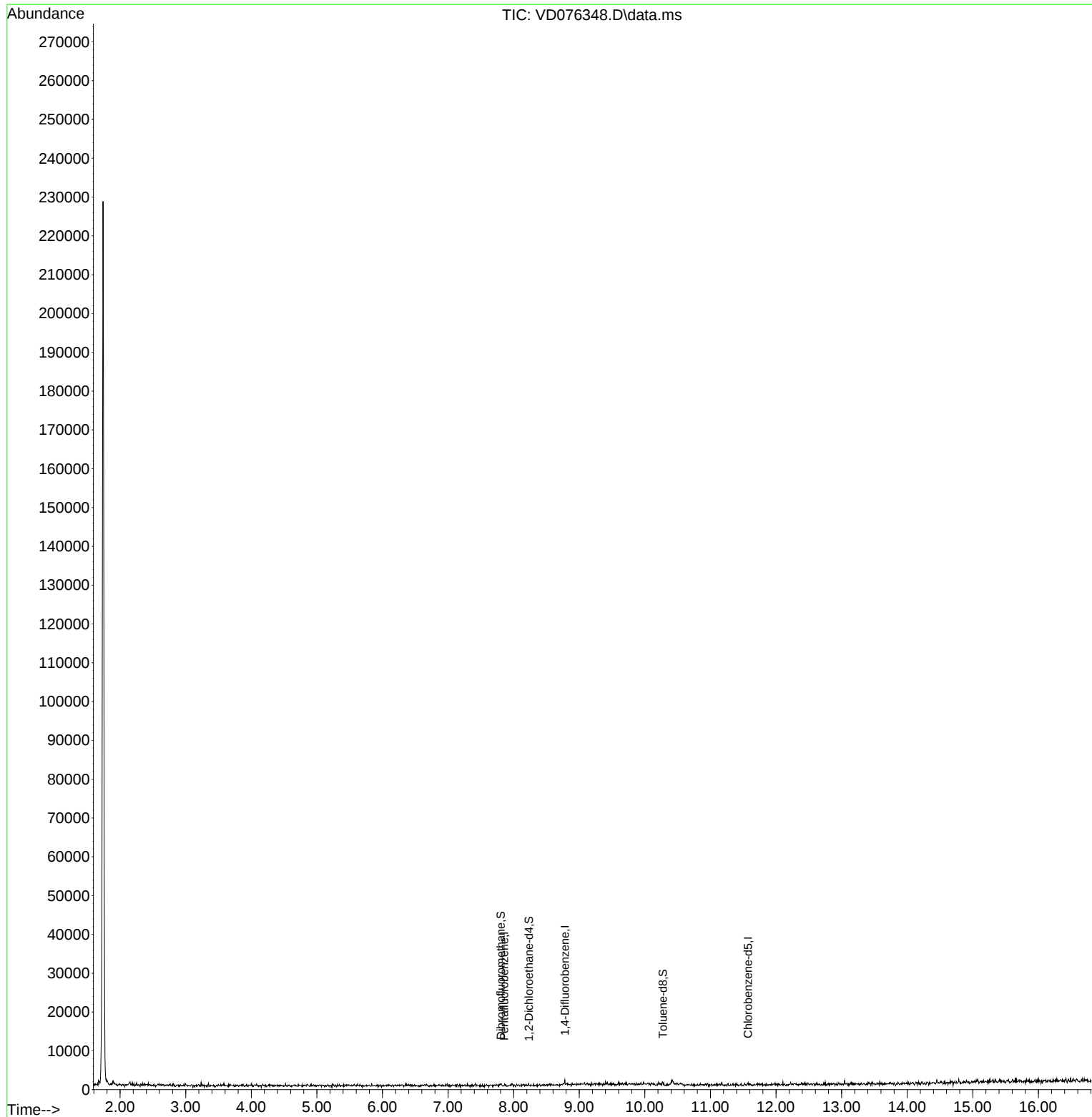
Target Compounds	Qvalue

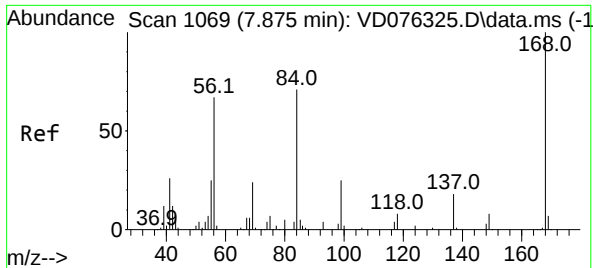
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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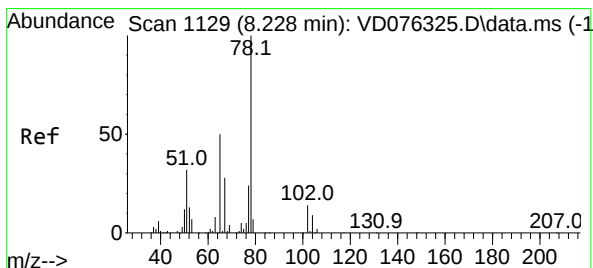
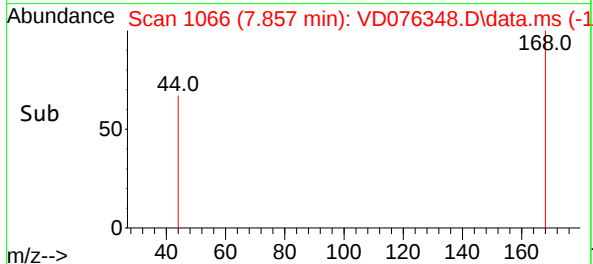
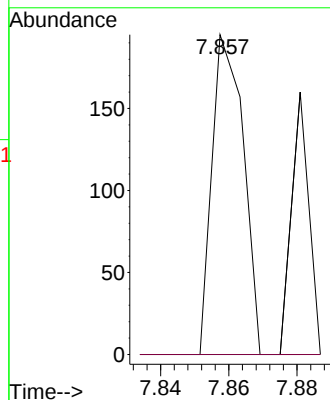
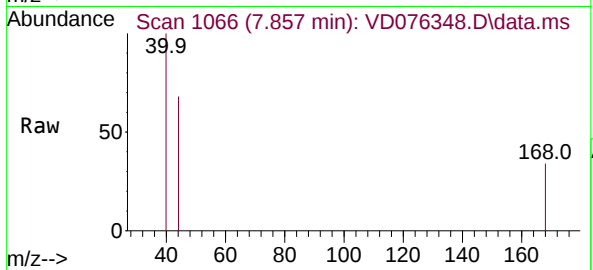




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.857 min Scan# 110
Delta R.T. -0.018 min
Lab File: VD076348.D
Acq: 06 Jun 2023 19:04

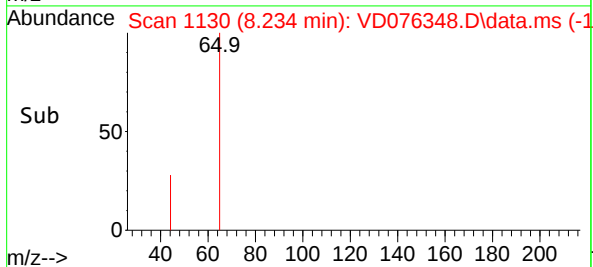
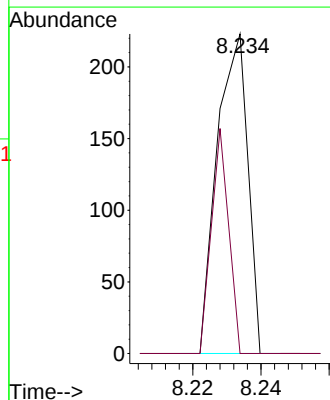
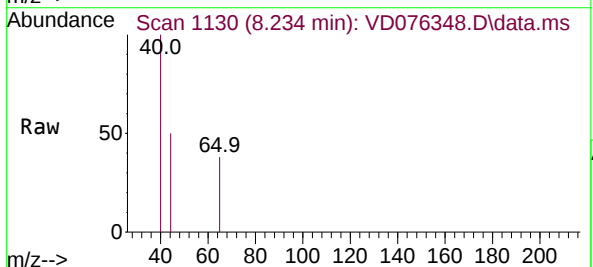
Instrument :
MSVOA_D
ClientSampleId :
HR-03-060523

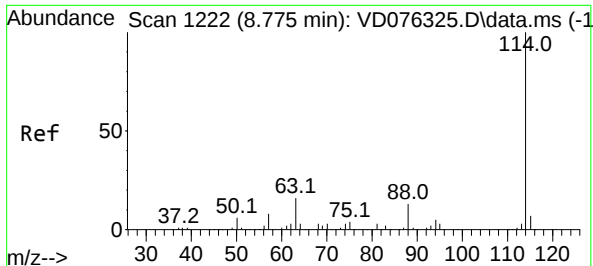
Tgt Ion:168 Resp: 124
Ion Ratio Lower Upper
168 100
99 0.0 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 125.109 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD076348.D
Acq: 06 Jun 2023 19:04

Tgt Ion: 65 Resp: 139
Ion Ratio Lower Upper
65 100
67 39.6 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD076348.D

Acq: 06 Jun 2023 19:04

Instrument :

MSVOA_D

ClientSampleId :

HR-03-060523

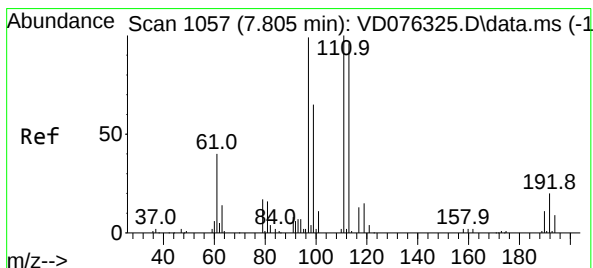
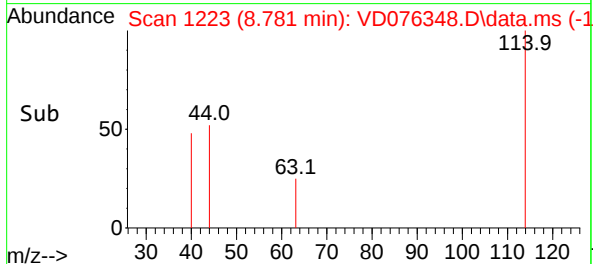
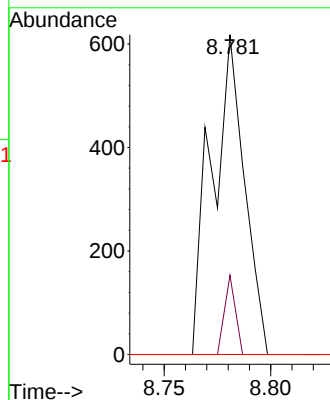
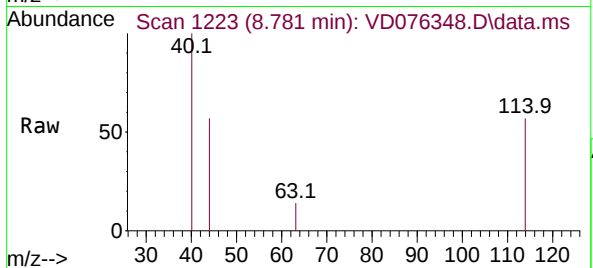
Tgt Ion:114 Resp: 661

Ion Ratio Lower Upper

114 100

63 24.8 0.0 33.4

88 0.0 0.0 26.2



#35

Dibromofluoromethane

Concen: 30.975 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076348.D

Acq: 06 Jun 2023 19:04

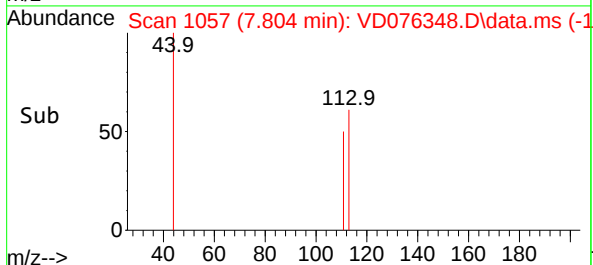
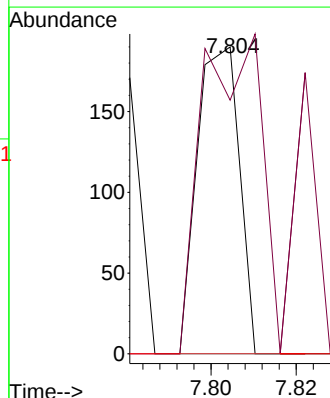
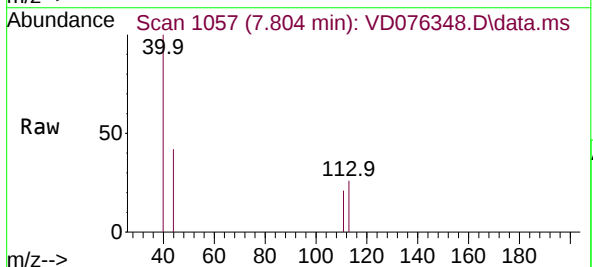
Tgt Ion:113 Resp: 130

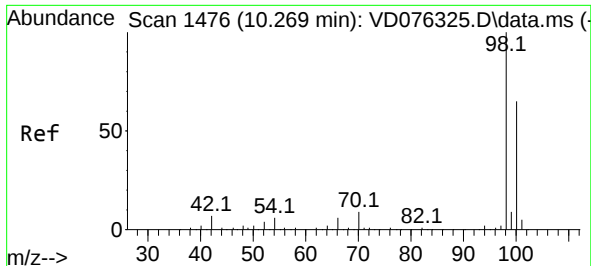
Ion Ratio Lower Upper

113 100

111 194.6 84.7 127.1#

192 0.0 16.8 25.2#

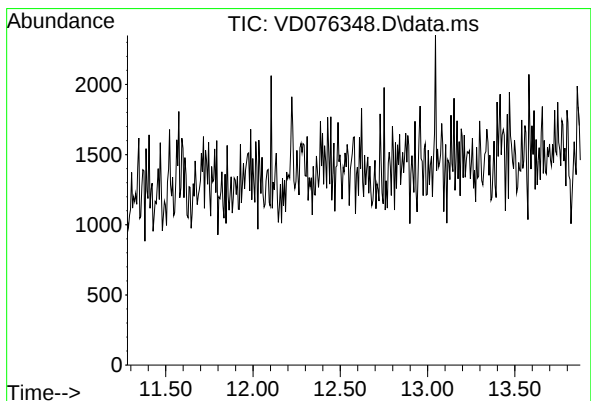
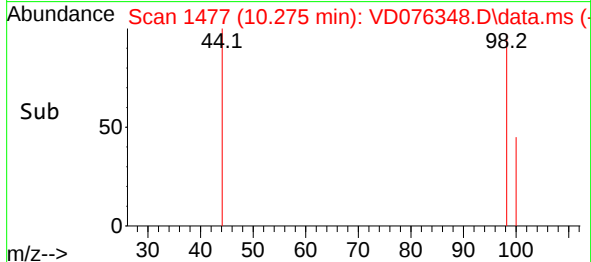
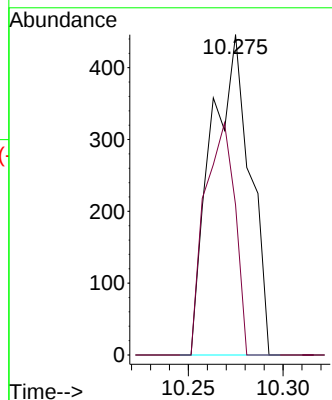
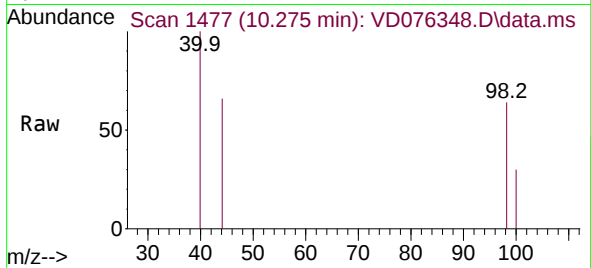




#50
Toluene-d8
Concen: 38.181 ug/l
RT: 10.275 min Scan# 14
Delta R.T. 0.006 min
Lab File: VD076348.D
Acq: 06 Jun 2023 19:04

Instrument :
MSVOA_D
ClientSampleId :
HR-03-060523

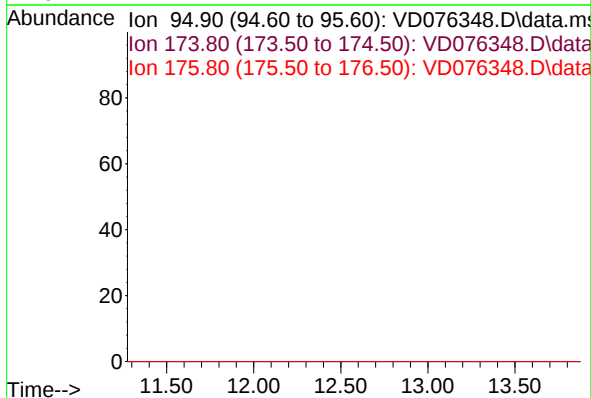
Tgt Ion: 98 Resp: 638
Ion Ratio Lower Upper
98 100
100 56.1 50.3 75.5

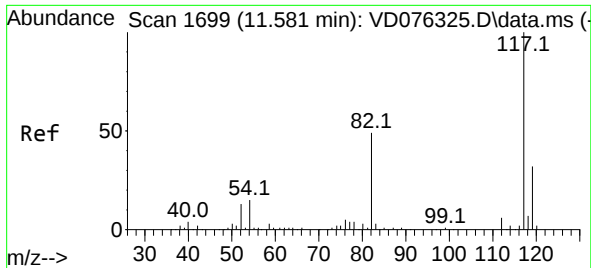


#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 12.57 min

Lab File: VD076348.D
Acq: 06 Jun 2023 19:04

Tgt Ion: 95
Sig Exp Ratio
95 100
174 100.9
176 95.9

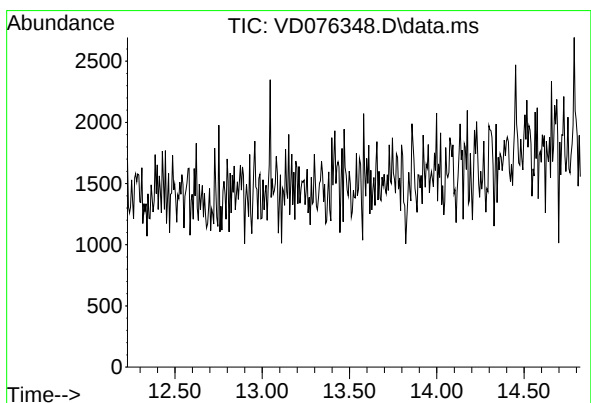
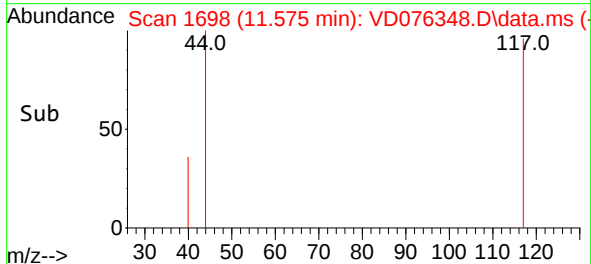
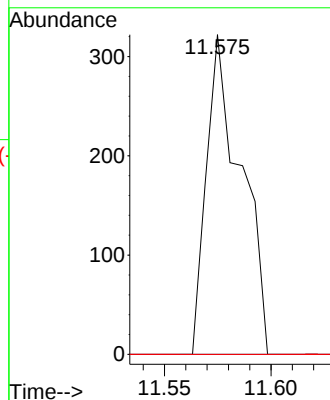
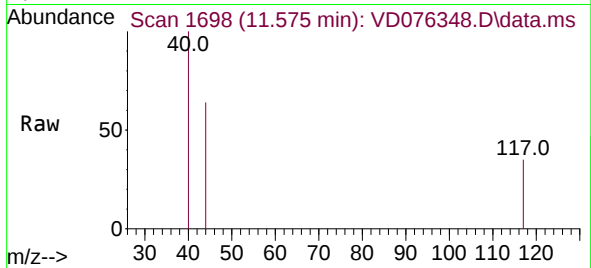




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD076348.D
Acq: 06 Jun 2023 19:04

Instrument :
MSVOA_D
ClientSampleId :
HR-03-060523

Tgt Ion:117 Resp: 363
Ion Ratio Lower Upper
117 100
82 0.0 38.3 57.5#
119 0.0 25.0 37.4#



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

Lab File: VD076348.D
Acq: 06 Jun 2023 19:04

Tgt Ion: 152
Sig Exp Ratio
152 100
115 54.2
150 176.8

