

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020923\
 Data File : VD075288.D
 Acq On : 09 Feb 2023 12:20
 Operator : KP/SY
 Sample : 01477-01RE
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-6-020723RE

Quant Time: Feb 10 02:00:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 04:26:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.863	168	98	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.775	114	929	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	654	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	8.228	65	62	53.954	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.900%	
35) Dibromofluoromethane	7.805	113	218	33.466	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 66.940%	
50) Toluene-d8	10.269	98	894	36.189	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 72.380%	
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	25 - 144	Recovery	= 0.000%#	

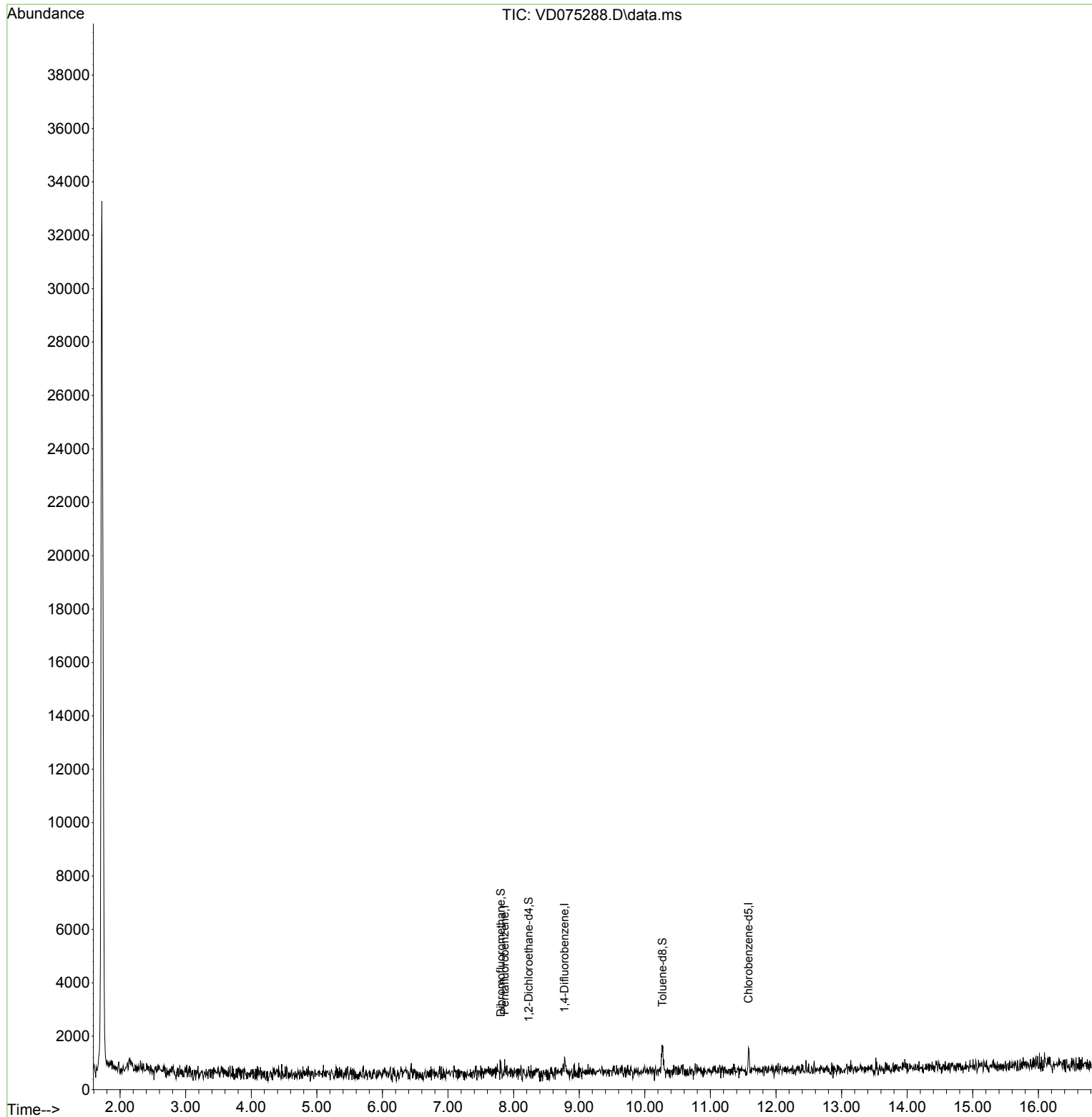
Target Compounds	Qvalue

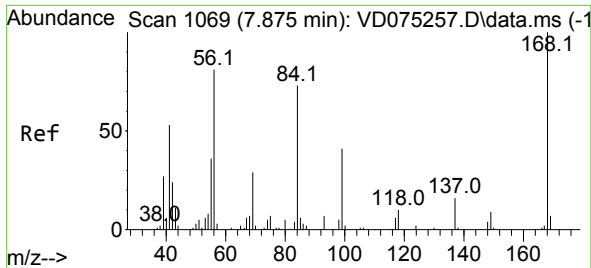
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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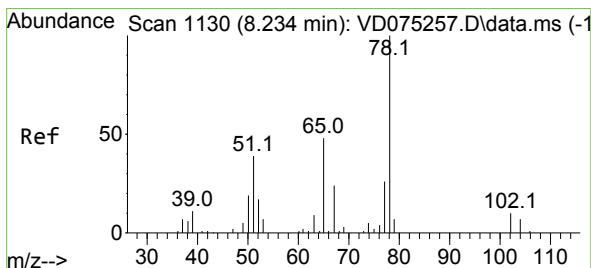
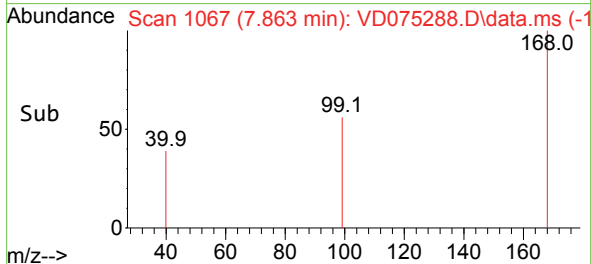
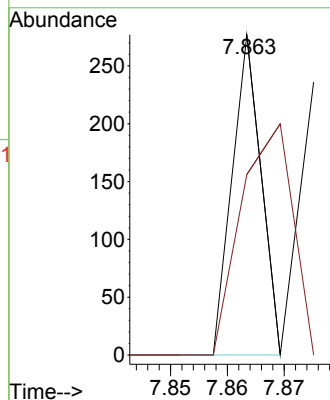
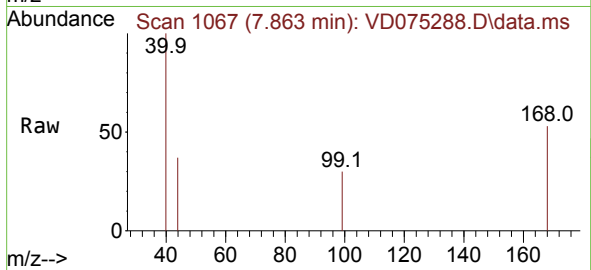




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.863 min Scan# 1067
Delta R.T. -0.012 min
Lab File: VD075288.D
Acq: 09 Feb 2023 12:20

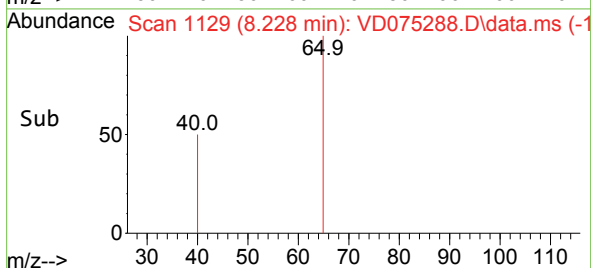
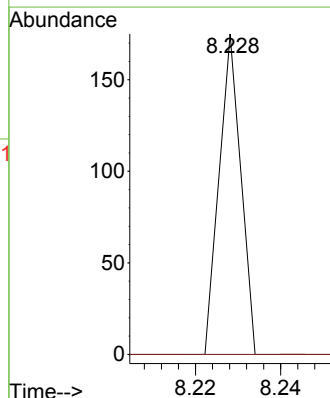
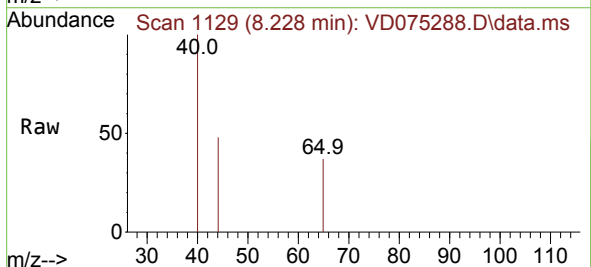
Instrument :
MSVOA_D
ClientSampleId :
TR-6-020723RE

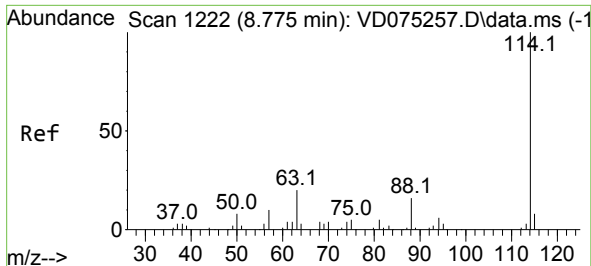
Tgt Ion:168 Resp: 98
Ion Ratio Lower Upper
168 100
99 56.3 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 53.954 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD075288.D
Acq: 09 Feb 2023 12:20

Tgt Ion: 65 Resp: 62
Ion Ratio Lower Upper
65 100
67 0.0 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075288.D

Acq: 09 Feb 2023 12:20

Instrument :

MSVOA_D

ClientSampleId :

TR-6-020723RE

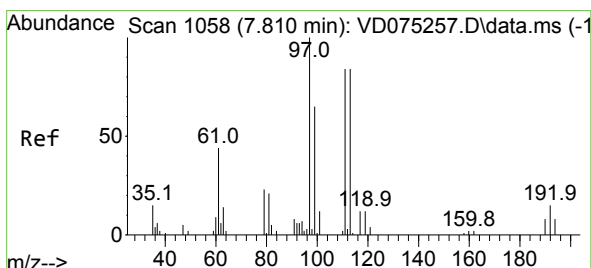
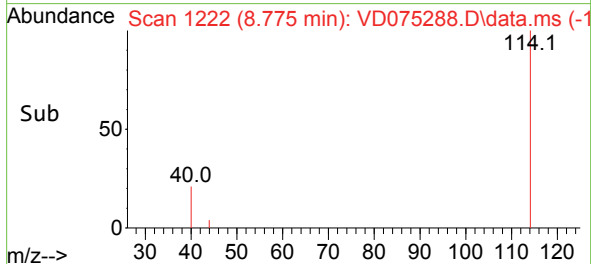
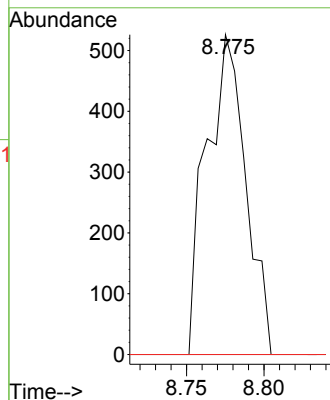
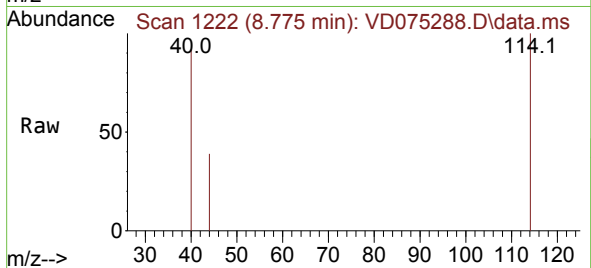
Tgt Ion:114 Resp: 929

Ion Ratio Lower Upper

114 100

63 0.0 0.0 40.2

88 0.0 0.0 32.2



#35

Dibromofluoromethane

Concen: 33.466 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.005 min

Lab File: VD075288.D

Acq: 09 Feb 2023 12:20

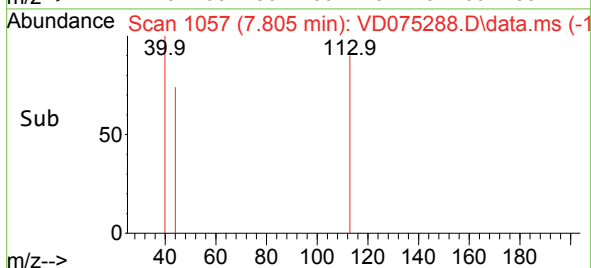
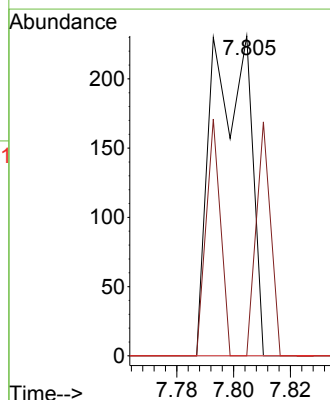
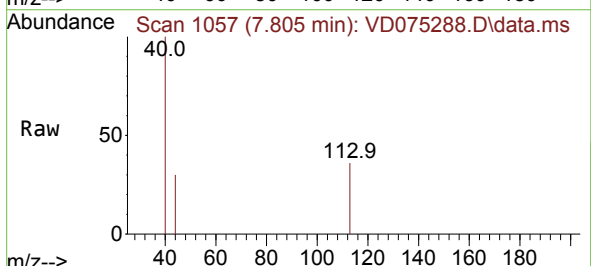
Tgt Ion:113 Resp: 218

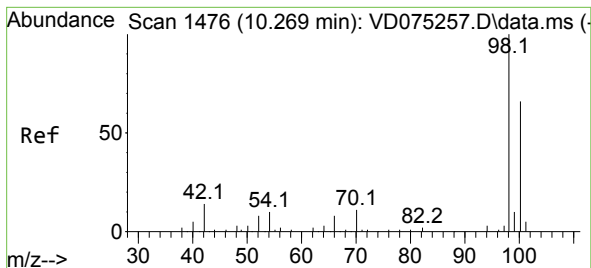
Ion Ratio Lower Upper

113 100

111 27.5 80.1 120.1#

192 0.0 15.4 23.0#





#50

Toluene-d8

Concen: 36.189 ug/l

RT: 10.269 min Scan# 14

Delta R.T. 0.000 min

Lab File: VD075288.D

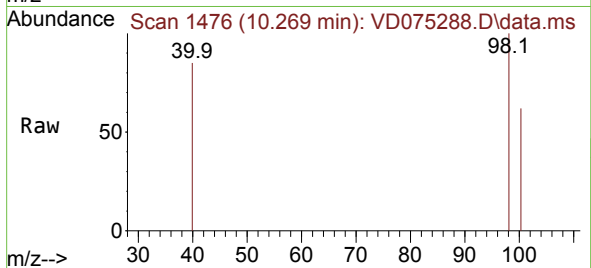
Acq: 09 Feb 2023 12:20

Instrument :

MSVOA_D

ClientSampleId :

TR-6-020723RE

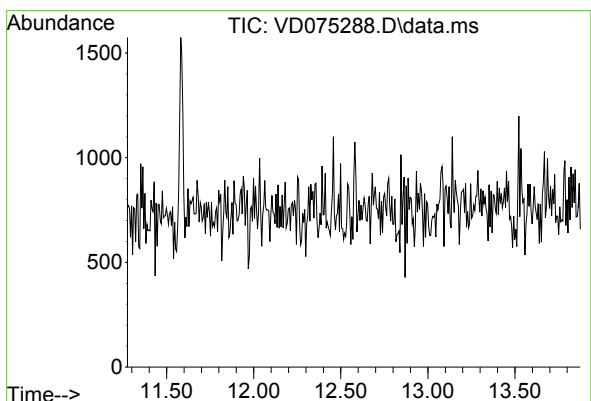
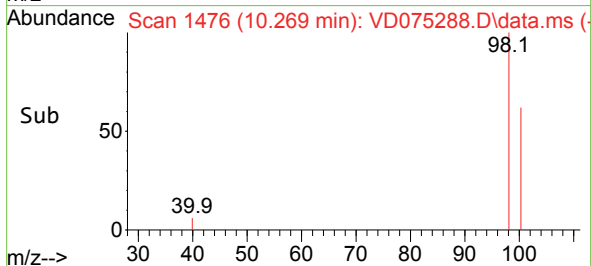
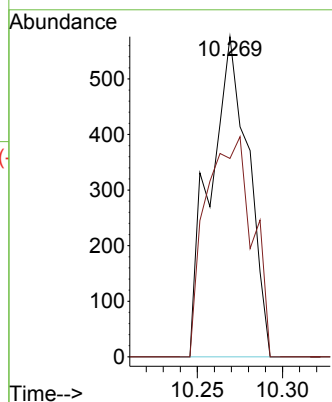


Tgt Ion: 98 Resp: 894

Ion Ratio Lower Upper

98 100

100 83.8 52.7 79.1#



#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 12.57 min

Lab File: VD075288.D

Acq: 09 Feb 2023 12:20

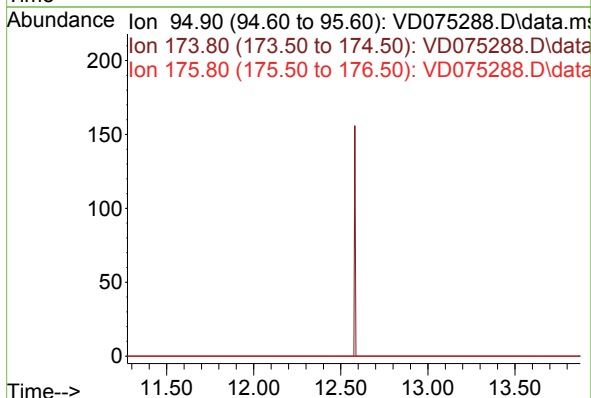
Tgt Ion: 95

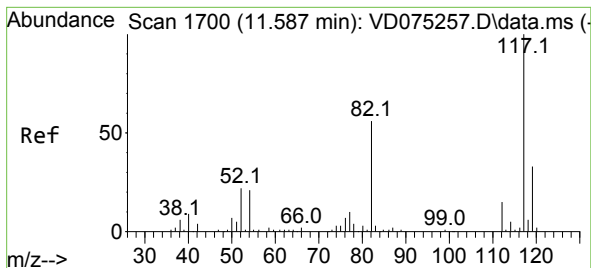
Sig Exp Ratio

95 100

174 80.6

176 80.1

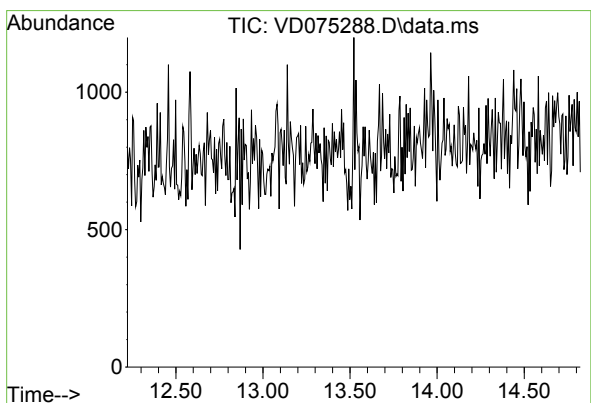
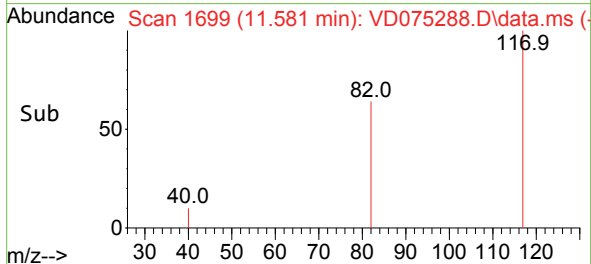
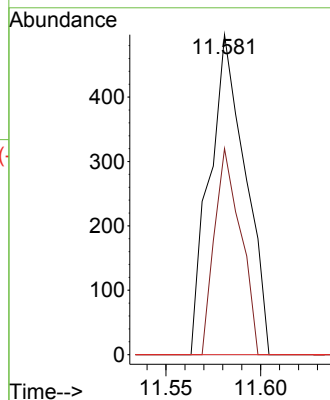
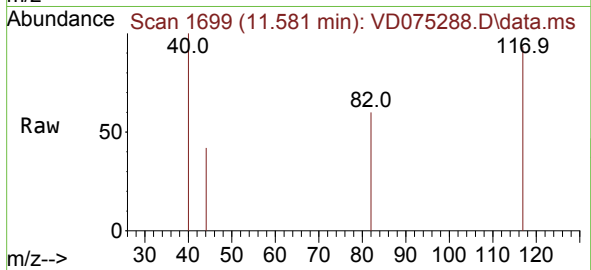




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD075288.D
Acq: 09 Feb 2023 12:20

Instrument :
MSVOA_D
ClientSampleId :
TR-6-020723RE

Tgt Ion:117 Resp: 654
Ion Ratio Lower Upper
117 100
82 64.4 39.6 59.4#
119 0.0 24.6 37.0#



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

Lab File: VD075288.D
Acq: 09 Feb 2023 12:20

Tgt Ion: 152
Sig Exp Ratio
152 100
115 57.6
150 174.3

