

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022223\
 Data File : VD075404.D
 Acq On : 22 Feb 2023 17:43
 Operator : KP/SY
 Sample : 01650-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BU-2-022223

Quant Time: Feb 22 22:39:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022123S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 21 16:26:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	310	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.769	114	647	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.587	117	758	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	8.222	65	396	155.029	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	310.060%#
35) Dibromofluoromethane	0.000	113	0	0.000	ug/l	
Spiked Amount	50.000	Range	54 - 147	Recovery	=	0.000%#
50) Toluene-d8	10.275	98	923	66.588	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	133.180%
62) 4-Bromofluorobenzene	12.575	95	83	17.832	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	35.660%

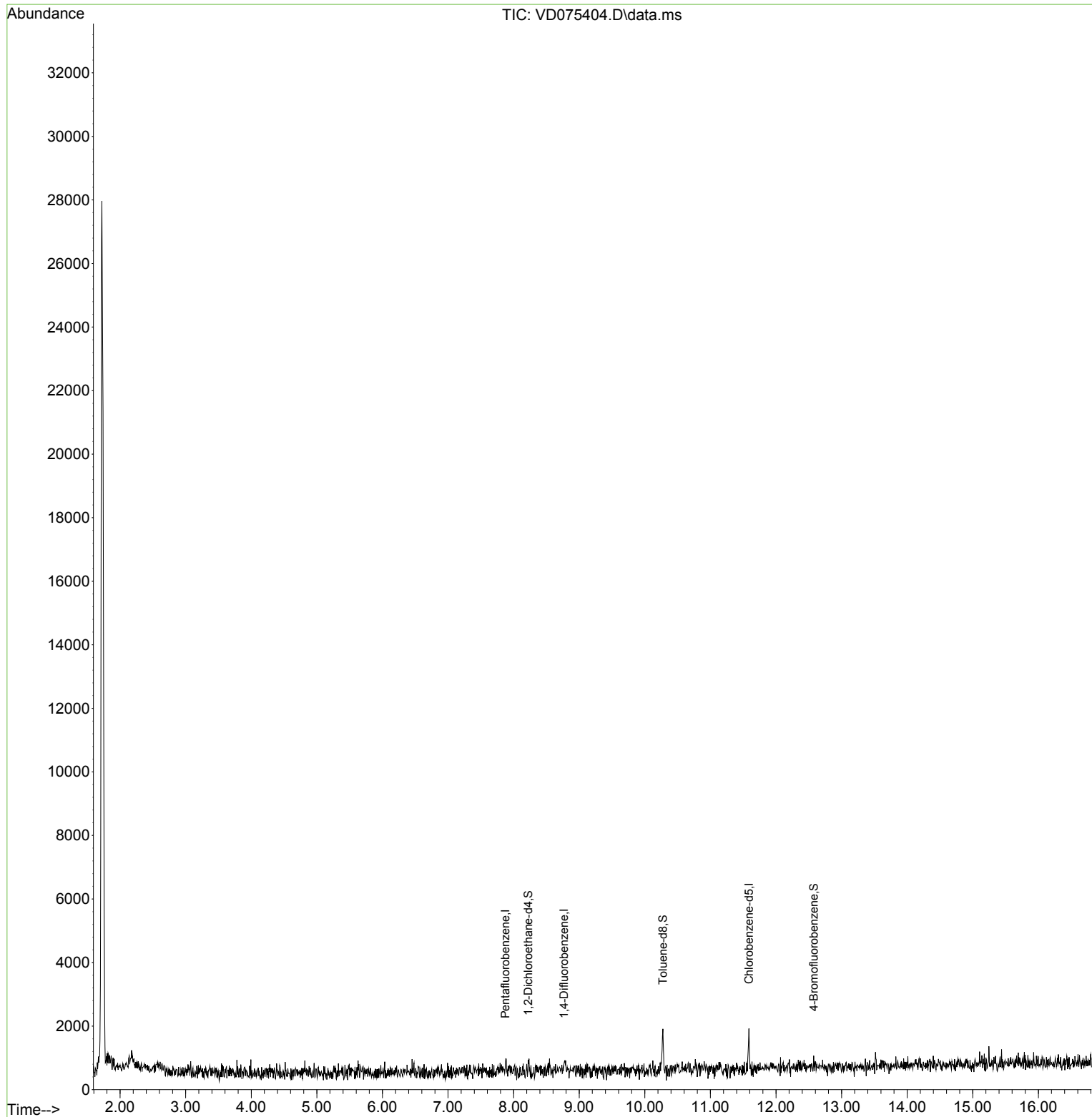
Target Compounds	Qvalue

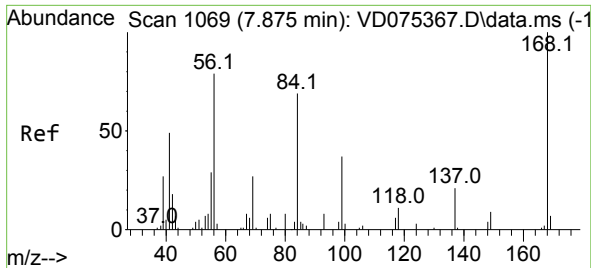
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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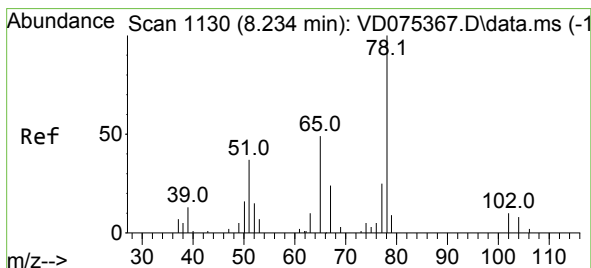
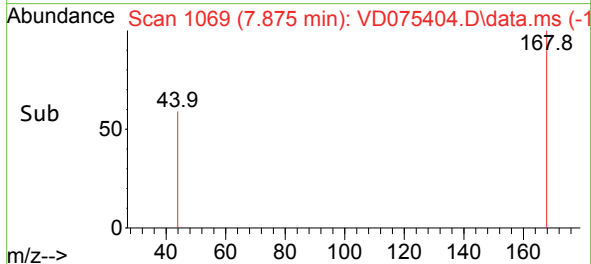
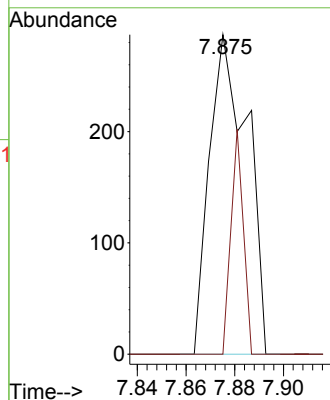
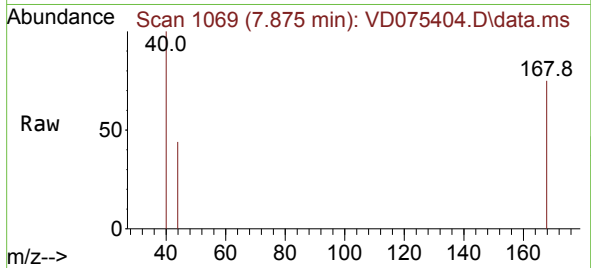




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075404.D
Acq: 22 Feb 2023 17:43

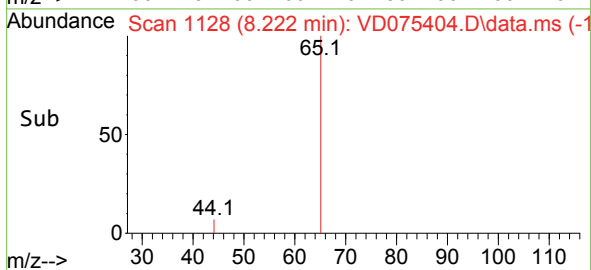
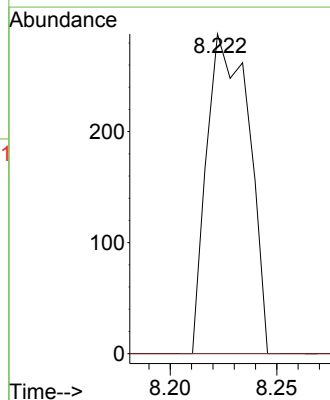
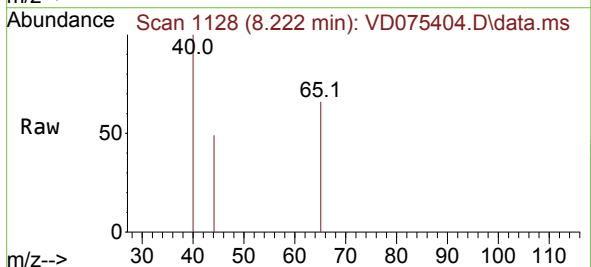
Instrument :
MSVOA_D
ClientSampleId :
BU-2-022223

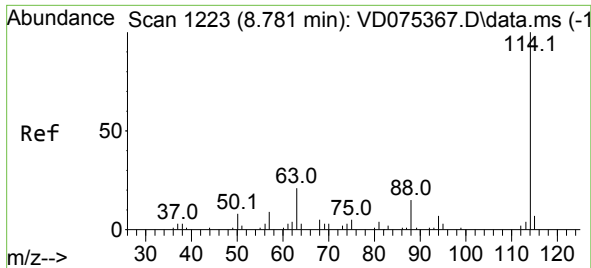
Tgt Ion:168 Resp: 310
Ion Ratio Lower Upper
168 100
99 0.0 43.8 65.6#



#33
1,2-Dichloroethane-d4
Concen: 155.029 ug/l
RT: 8.222 min Scan# 1128
Delta R.T. -0.012 min
Lab File: VD075404.D
Acq: 22 Feb 2023 17:43

Tgt Ion: 65 Resp: 396
Ion Ratio Lower Upper
65 100
67 0.0 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.769 min Scan# 11

Delta R.T. -0.012 min

Lab File: VD075404.D

Acq: 22 Feb 2023 17:43

Instrument :

MSVOA_D

ClientSampleId :

BU-2-022223

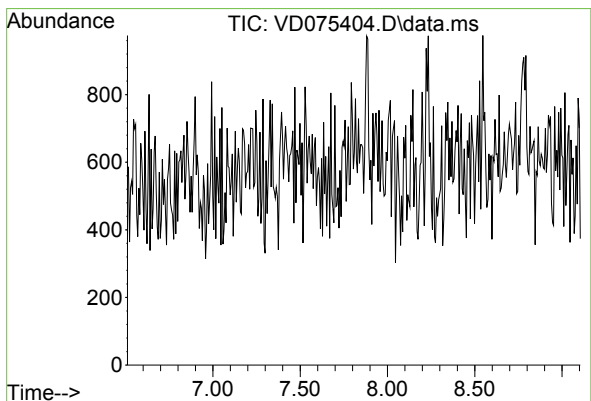
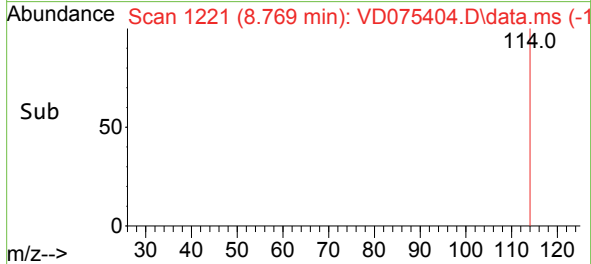
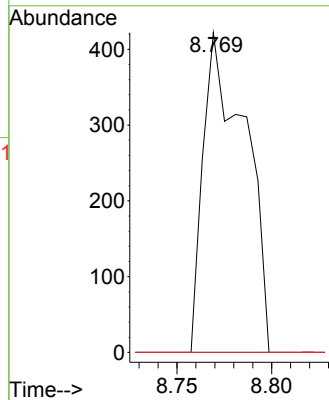
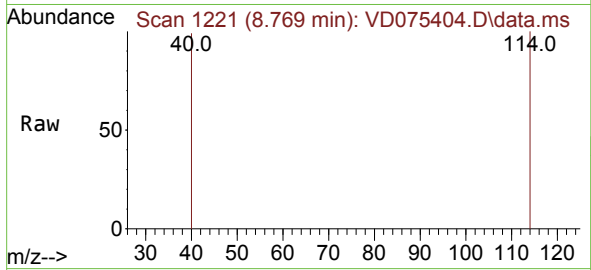
Tgt Ion:114 Resp: 647

Ion Ratio Lower Upper

114 100

63 0.0 0.0 41.6

88 0.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 0.000 ug/l

Expected RT: 7.80 min

Lab File: VD075404.D

Acq: 22 Feb 2023 17:43

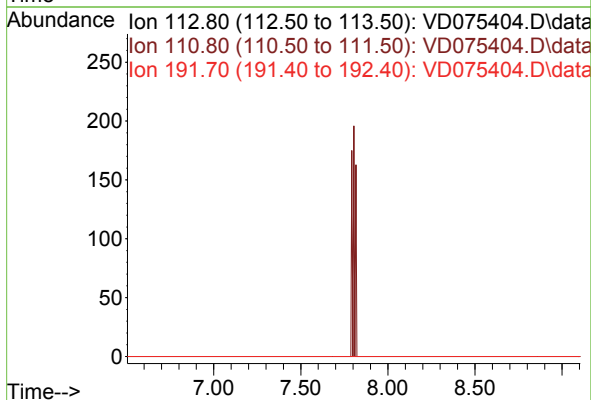
Tgt Ion: 113

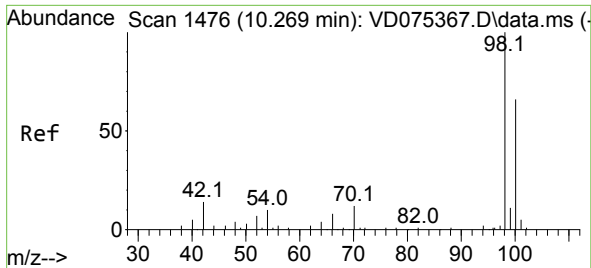
Sig Exp Ratio

113 100

111 101.7

192 19.0

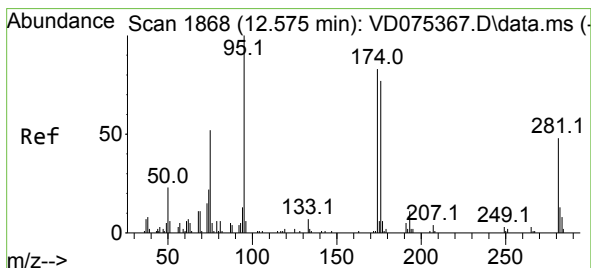
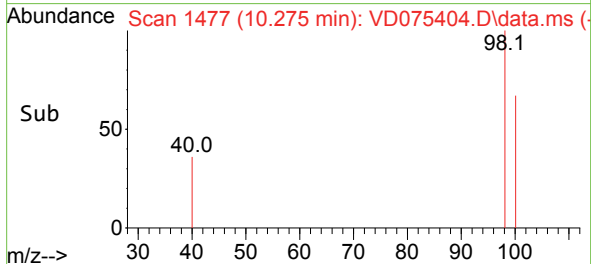
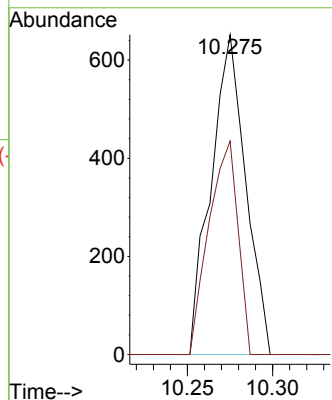
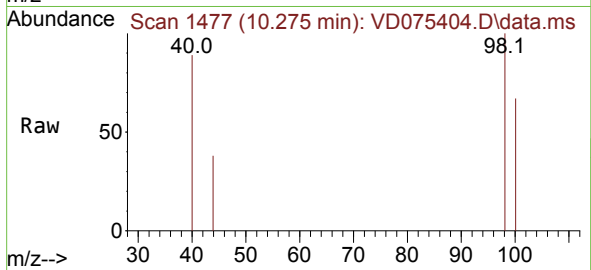




#50
Toluene-d8
Concen: 66.588 ug/l
RT: 10.275 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VD075404.D
Acq: 22 Feb 2023 17:43

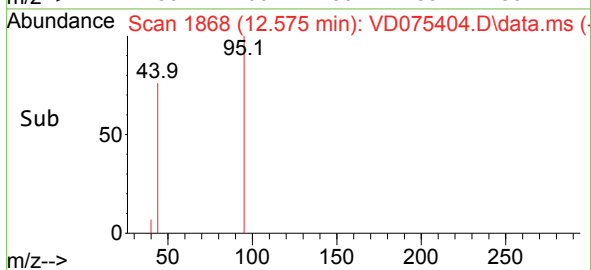
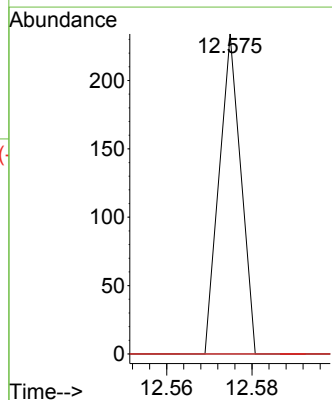
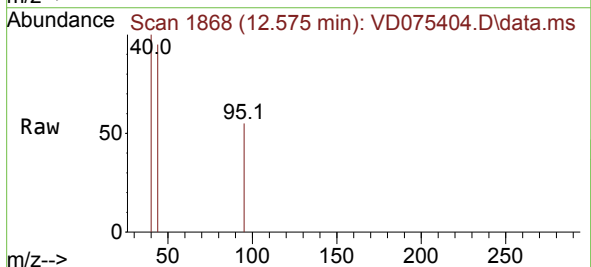
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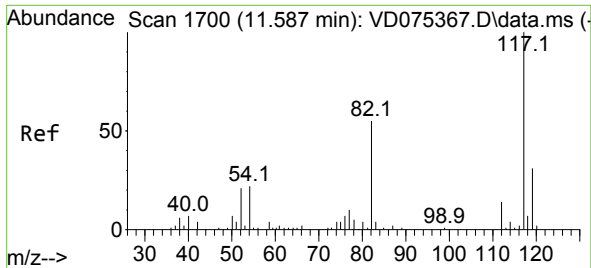
Tgt Ion: 98 Resp: 923
Ion Ratio Lower Upper
98 100
100 55.9 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 17.832 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075404.D
Acq: 22 Feb 2023 17:43

Tgt Ion: 95 Resp: 83
Ion Ratio Lower Upper
95 100
174 0.0 0.0 164.0
176 0.0 0.0 156.8

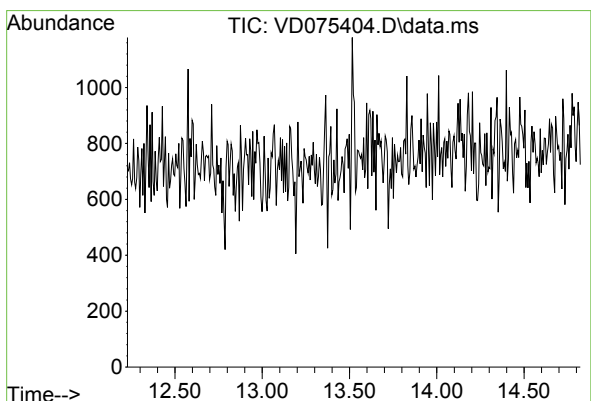
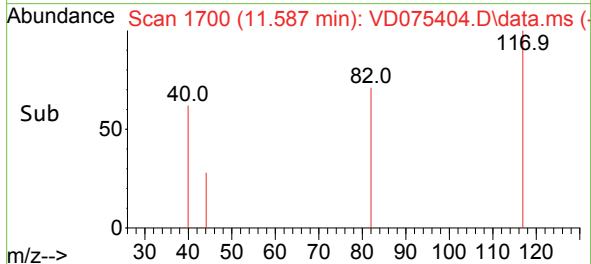
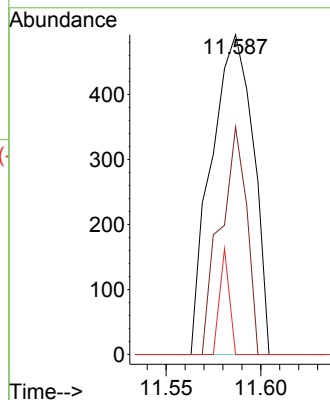
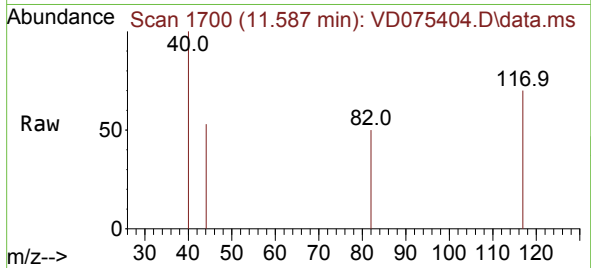




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075404.D
Acq: 22 Feb 2023 17:43

Instrument :
MSVOA_D
ClientSampleId :
BU-2-022223

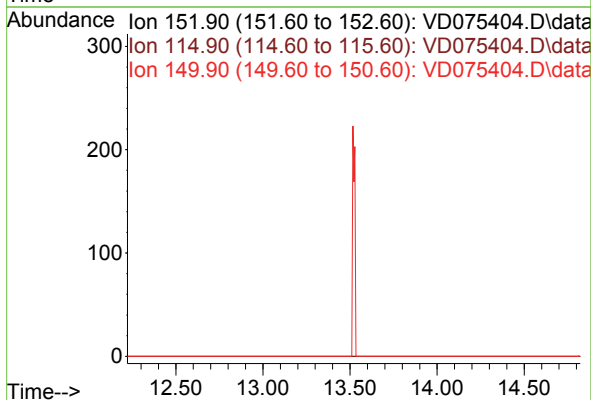
Tgt Ion:117 Resp: 758
Ion Ratio Lower Upper
117 100
82 71.1 44.0 66.0#
119 0.0 25.1 37.7#



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

Lab File: VD075404.D
Acq: 22 Feb 2023 17:43

Tgt Ion: 152
Sig Exp Ratio
152 100
115 60.2
150 182.4



Ion 114.90 (114.60 to 115.60): VD075404.D\data

Ion 149.90 (149.60 to 150.60): VD075404.D\data