

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112122\
 Data File : VD075010.D
 Acq On : 21 Nov 2022 18:11
 Operator : VA/SY
 Sample : N5740-01RE
 Misc : 3.89G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-12RE

Quant Time: Nov 22 00:19:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 14 00:51:58 2022
 Response via : Initial Calibration

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

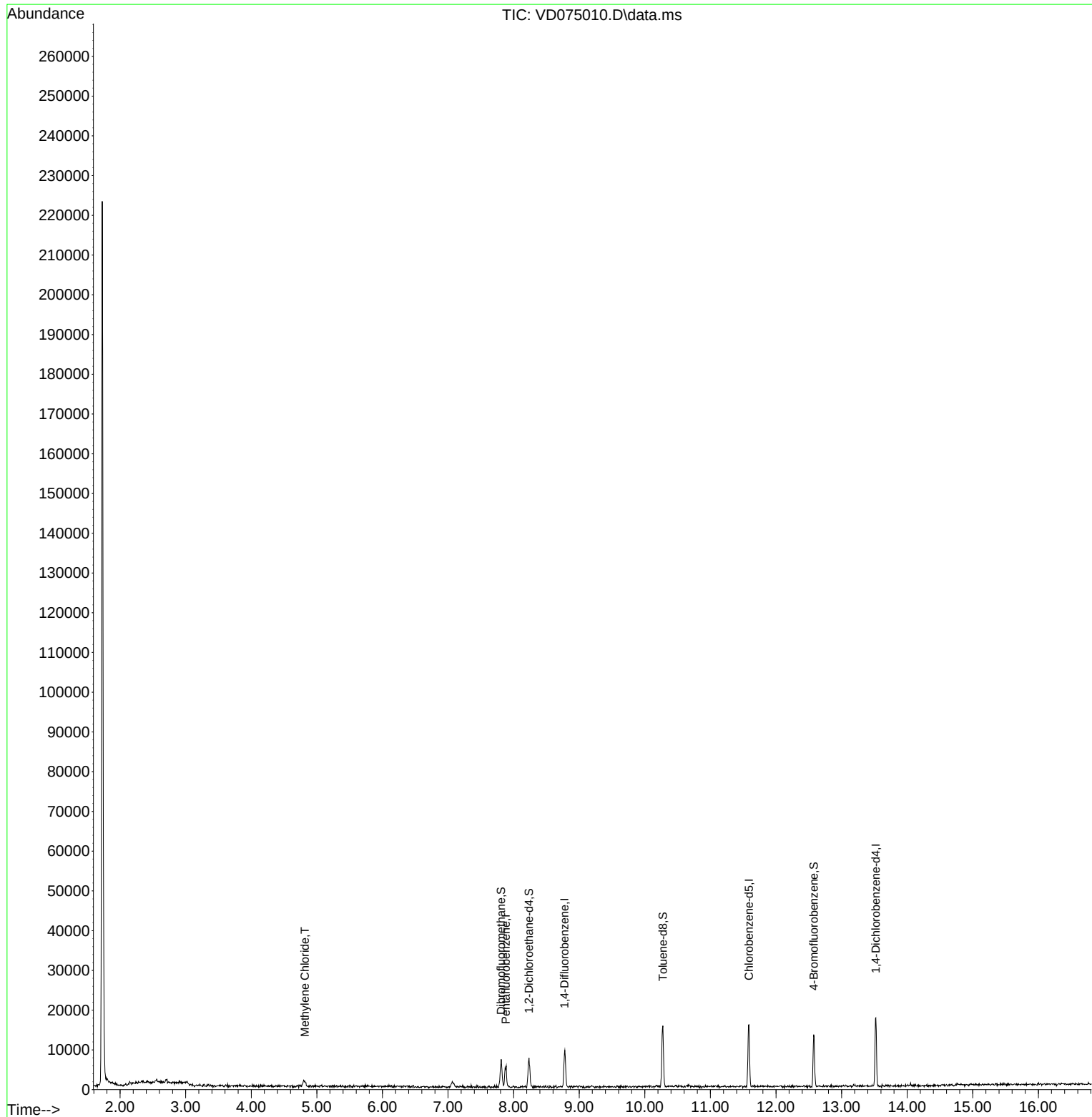
Internal Standards						
1) Pentafluorobenzene	7.881	168	5375	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	10837	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	11694	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	5966	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	5387	164.388	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 328.780%#	
35) Dibromofluoromethane	7.810	113	4803	71.898	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 143.800%	
50) Toluene-d8	10.275	98	12480	56.714	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 113.420%	
62) 4-Bromofluorobenzene	12.575	95	4350	64.378	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 128.760%	
Target Compounds						
20) Methylene Chloride	4.816	84	1478	8.661	ug/l	Qvalue # 89

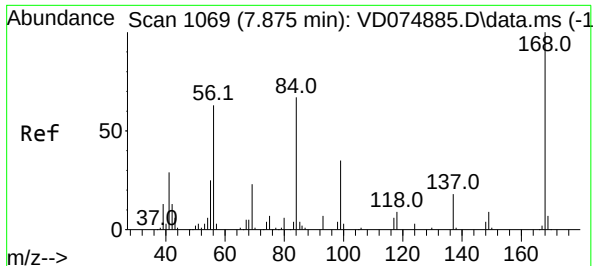
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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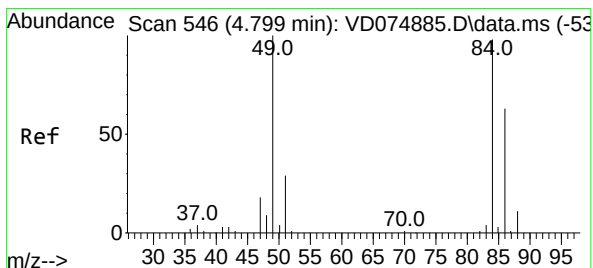
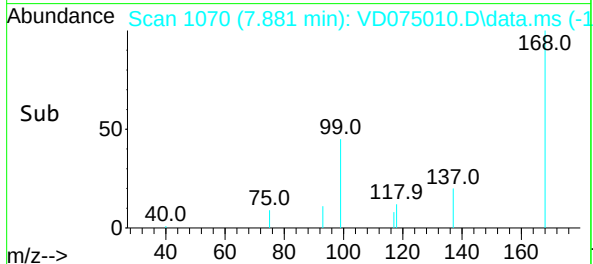
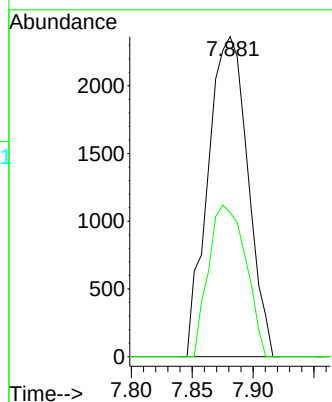
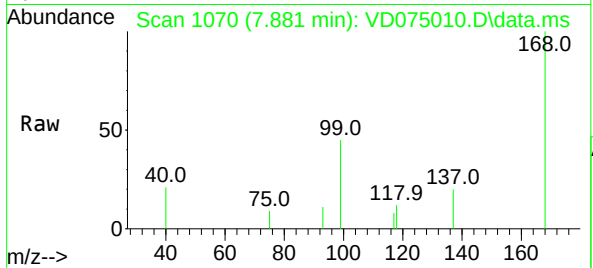




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD075010.D
Acq: 21 Nov 2022 18:11

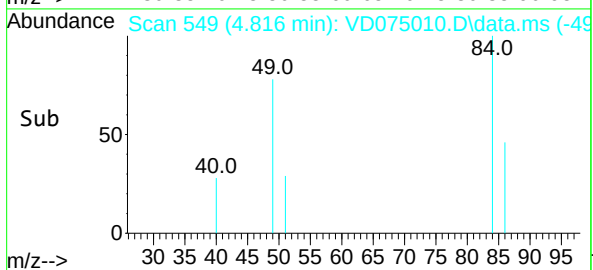
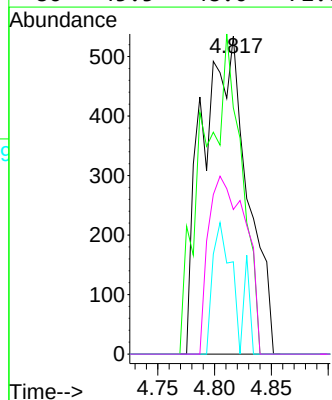
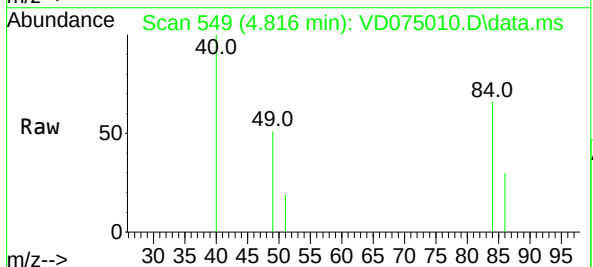
Instrument :
MSVOA_D
ClientSampleId :
MH-12RE

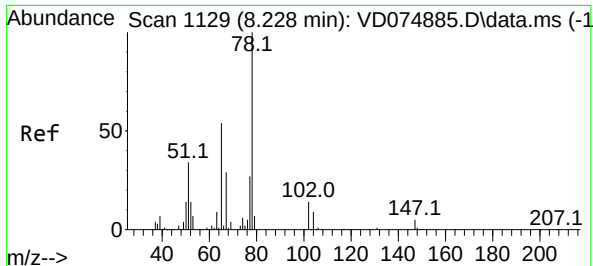
Tgt Ion:168 Resp: 5375
Ion Ratio Lower Upper
168 100
99 45.0 40.9 61.3



#20
Methylene Chloride
Concen: 8.661 ug/l
RT: 4.816 min Scan# 549
Delta R.T. 0.017 min
Lab File: VD075010.D
Acq: 21 Nov 2022 18:11

Tgt Ion: 84 Resp: 1478
Ion Ratio Lower Upper
84 100
49 77.5 68.0 102.0
51 29.0 23.2 34.8
86 45.5 48.0 72.0#





#33

1,2-Dichloroethane-d4

Concen: 164.388 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD075010.D

Acq: 21 Nov 2022 18:11

Instrument :

MSVOA_D

ClientSampleId :

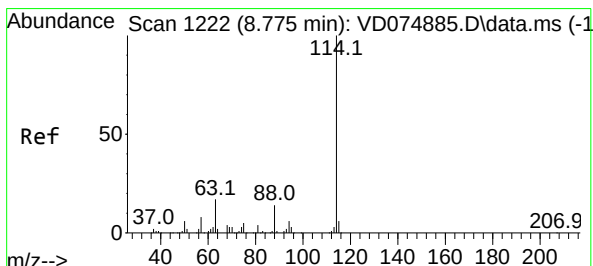
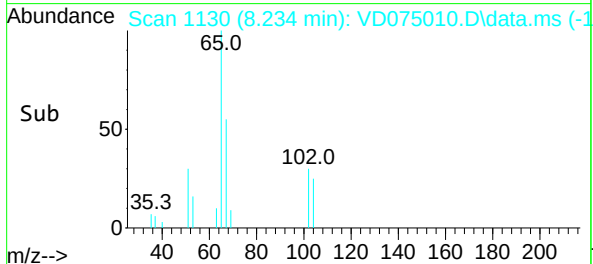
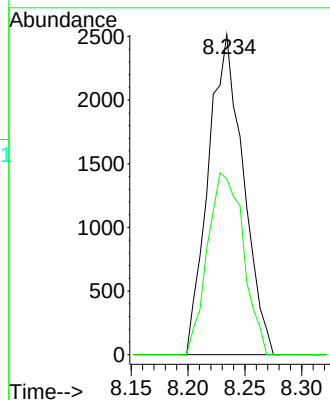
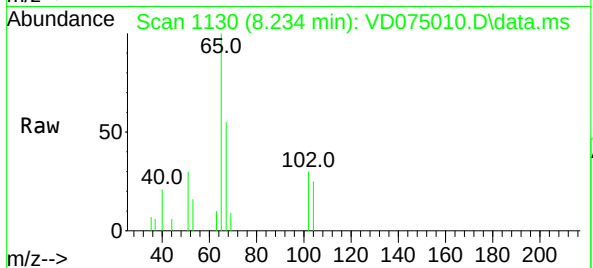
MH-12RE

Tgt Ion: 65 Resp: 5387

Ion Ratio Lower Upper

65 100

67 58.2 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD075010.D

Acq: 21 Nov 2022 18:11

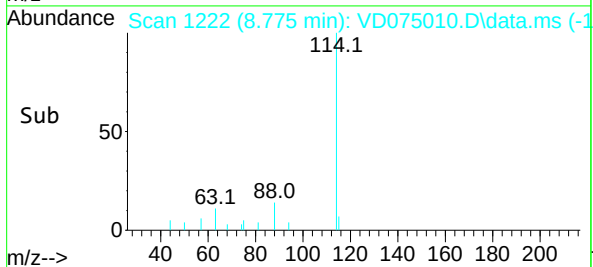
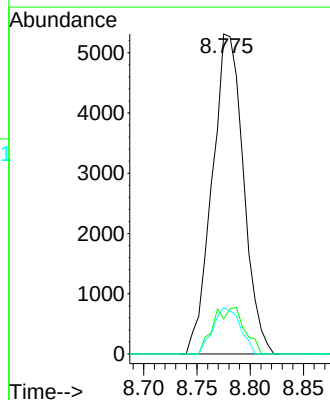
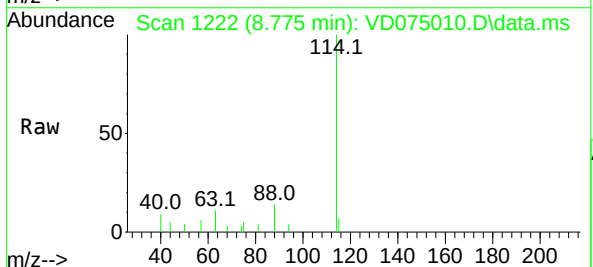
Tgt Ion: 114 Resp: 10837

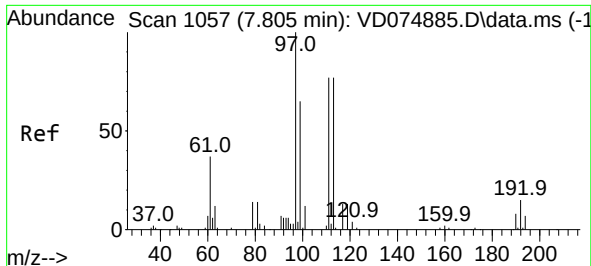
Ion Ratio Lower Upper

114 100

63 10.9 0.0 33.2

88 14.5 0.0 28.2

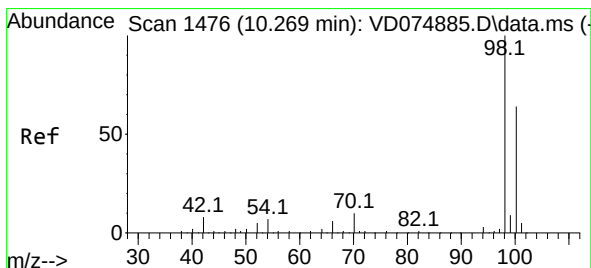
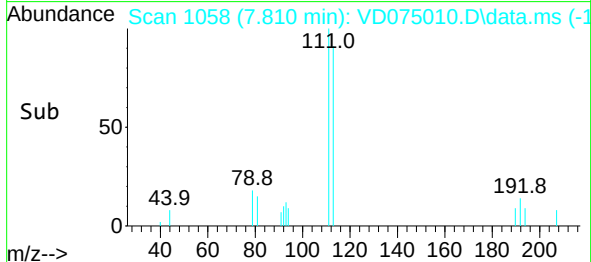
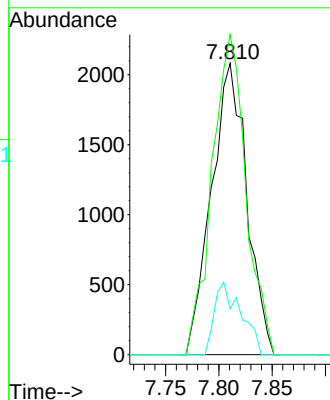
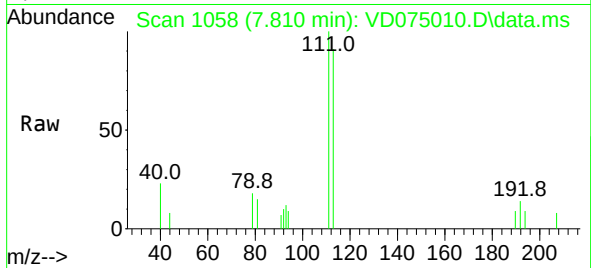




#35
Dibromofluoromethane
Concen: 71.898 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.005 min
Lab File: VD075010.D
Acq: 21 Nov 2022 18:11

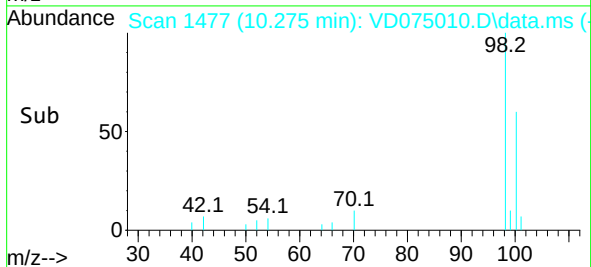
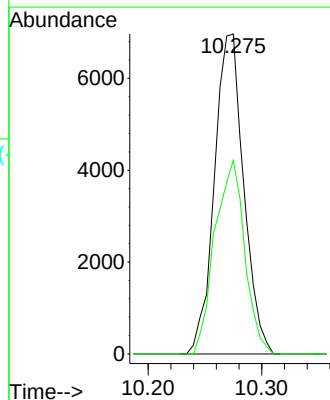
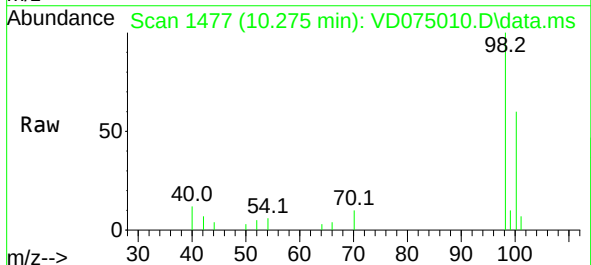
Instrument :
MSVOA_D
ClientSampleId :
MH-12RE

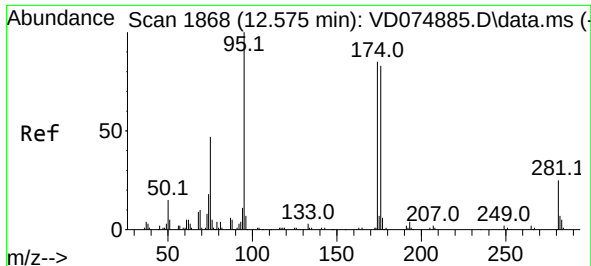
Tgt Ion:113 Resp: 4803
Ion Ratio Lower Upper
113 100
111 105.2 82.3 123.5
192 18.6 16.4 24.6



#50
Toluene-d8
Concen: 56.714 ug/l
RT: 10.275 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VD075010.D
Acq: 21 Nov 2022 18:11

Tgt Ion: 98 Resp: 12480
Ion Ratio Lower Upper
98 100
100 61.5 51.4 77.0

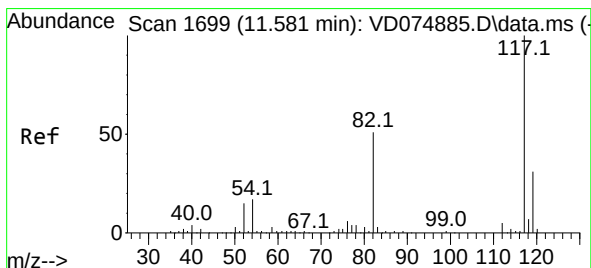
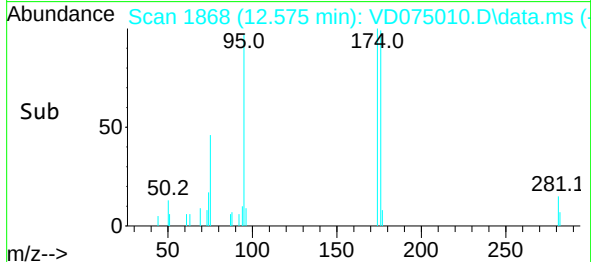
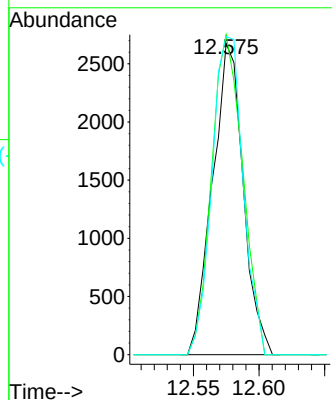
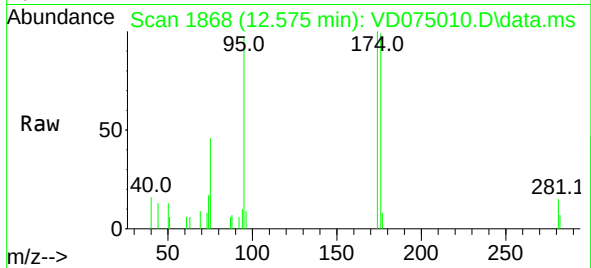




#62
4-Bromofluorobenzene
Concen: 64.378 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075010.D
Acq: 21 Nov 2022 18:11

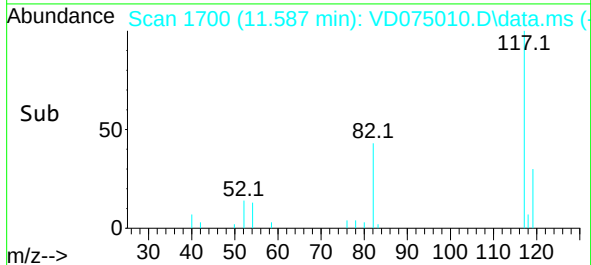
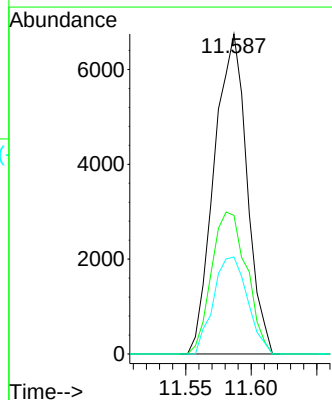
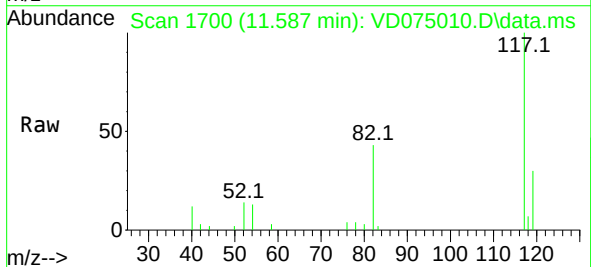
Instrument :
MSVOA_D
ClientSampleId :
MH-12RE

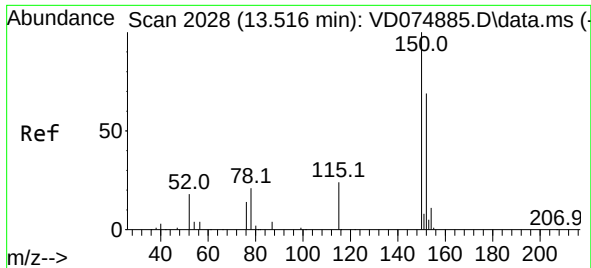
Tgt Ion: 95 Resp: 4350
Ion Ratio Lower Upper
95 100
174 104.4 0.0 197.0
176 103.5 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 1700
Delta R.T. 0.006 min
Lab File: VD075010.D
Acq: 21 Nov 2022 18:11

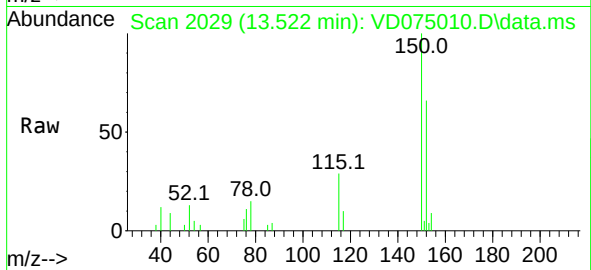
Tgt Ion: 117 Resp: 11694
Ion Ratio Lower Upper
117 100
82 43.3 41.6 62.4
119 30.3 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VD075010.D
 Acq: 21 Nov 2022 18:11

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-12RE



Tgt Ion:152 Resp: 5966
 Ion Ratio Lower Upper
 152 100
 115 49.1 26.8 80.4
 150 154.7 0.0 348.2

