

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD103122\
 Data File : VD074690.D
 Acq On : 31 Oct 2022 16:08
 Operator : VA/SY
 Sample : N5303-02
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NWB-1840

Quant Time: Nov 01 01:33:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 28 00:18:17 2022
 Response via : Initial Calibration

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

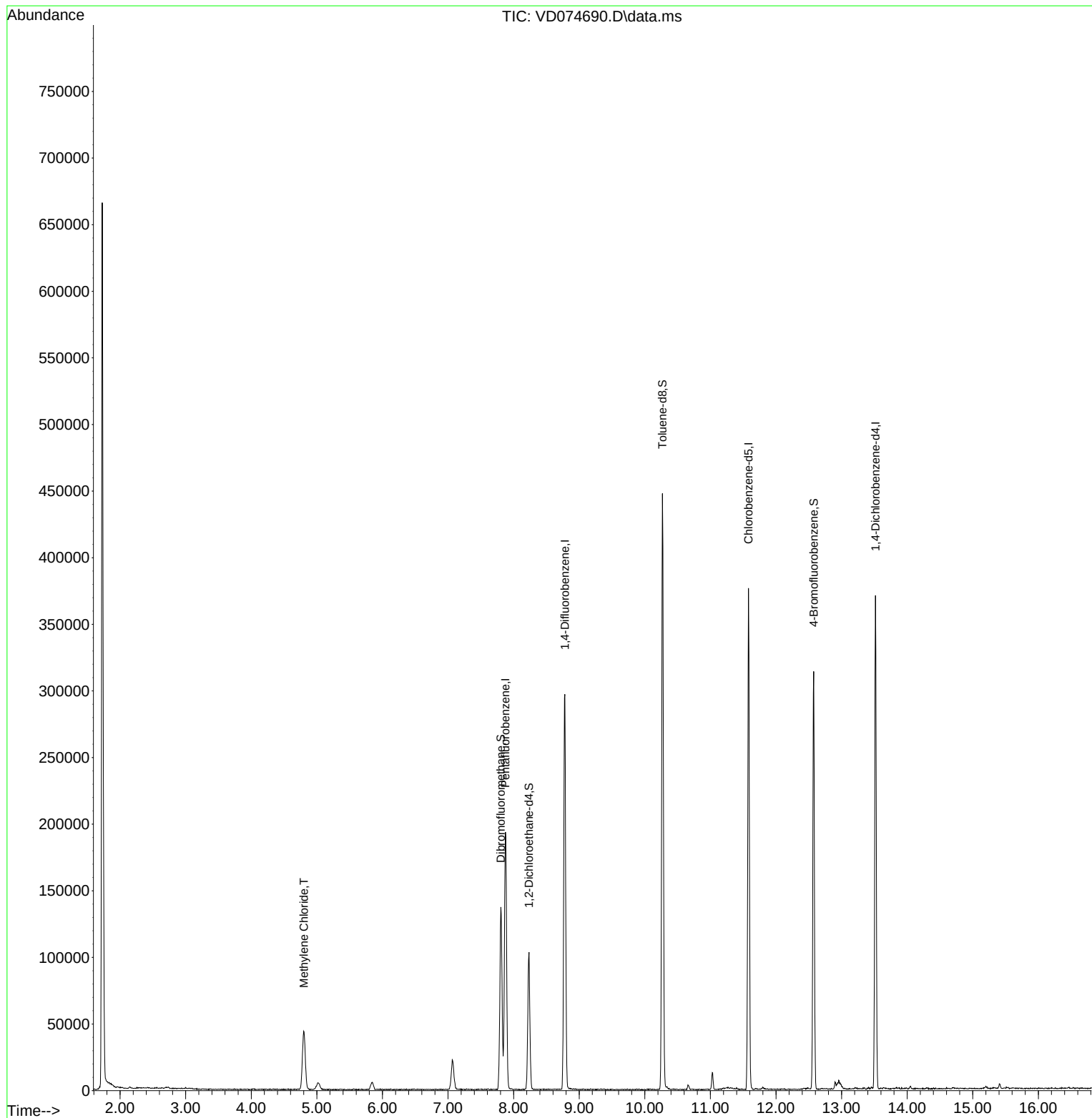
Internal Standards						
1) Pentafluorobenzene	7.875	168	161780	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	286962	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	228202	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	103617	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	77817	56.990	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.980%
35) Dibromofluoromethane	7.805	113	98517	56.223	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.440%
50) Toluene-d8	10.269	98	321630	47.729	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.460%
62) 4-Bromofluorobenzene	12.575	95	97773	52.831	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.660%
Target Compounds						
20) Methylene Chloride	4.805	84	38326	6.864	ug/l	94

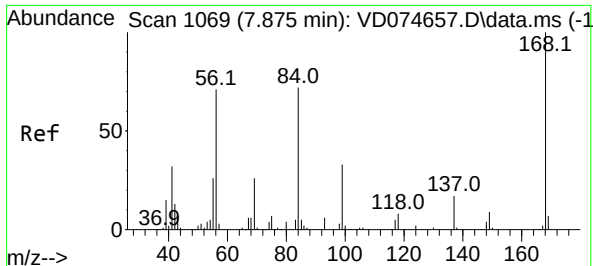
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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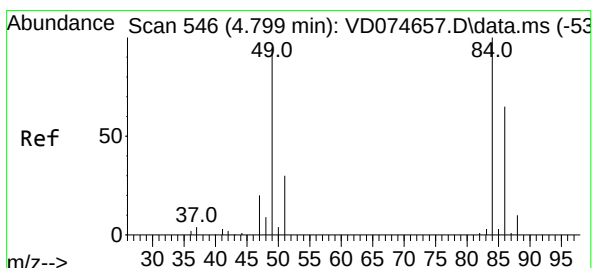
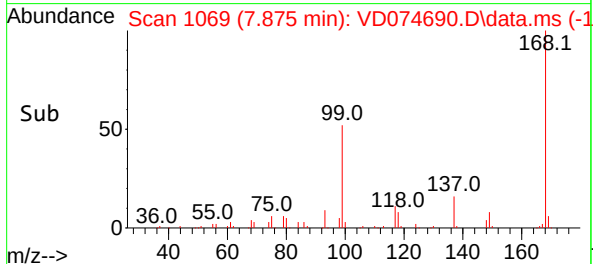
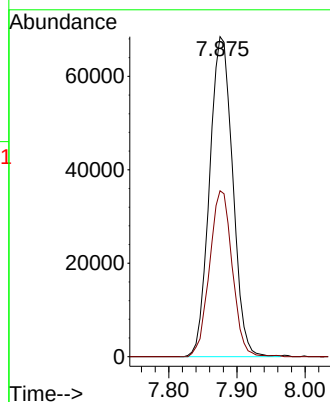
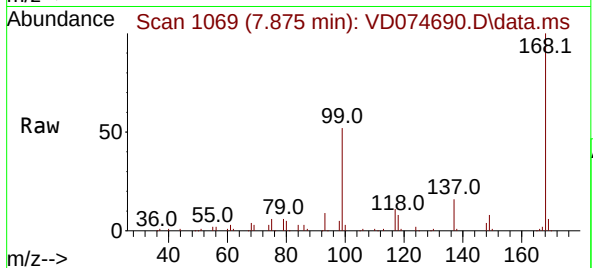




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074690.D
Acq: 31 Oct 2022 16:08

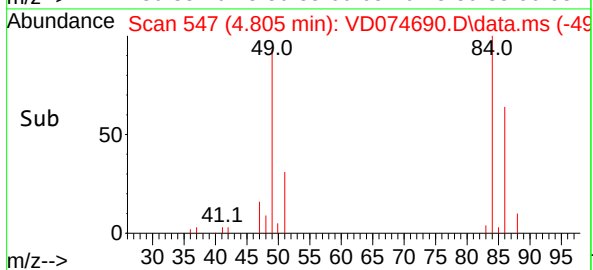
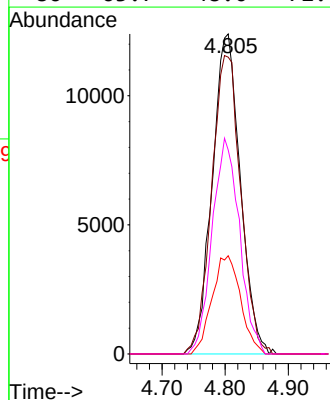
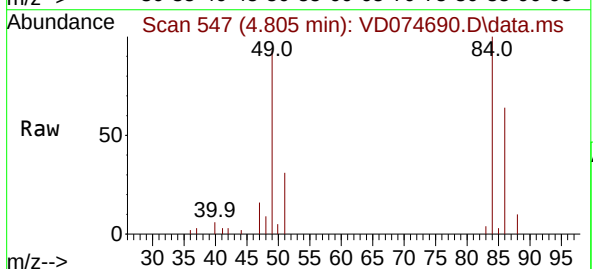
Instrument :
MSVOA_D
ClientSampleId :
NWB-1840

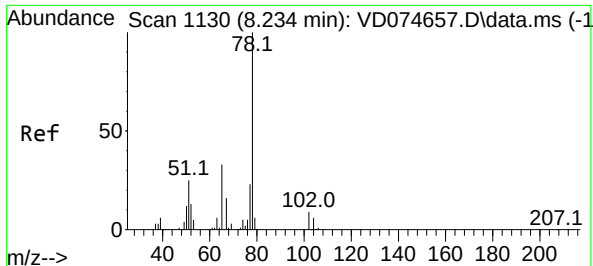
Tgt Ion:168 Resp: 161780
Ion Ratio Lower Upper
168 100
99 51.8 40.9 61.3



#20
Methylene Chloride
Concen: 6.864 ug/l
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD074690.D
Acq: 31 Oct 2022 16:08

Tgt Ion: 84 Resp: 38326
Ion Ratio Lower Upper
84 100
49 92.7 68.0 102.0
51 30.7 23.2 34.8
86 63.7 48.0 72.0





#33

1,2-Dichloroethane-d4

Concen: 56.990 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD074690.D

Acq: 31 Oct 2022 16:08

Instrument :

MSVOA_D

ClientSampleId :

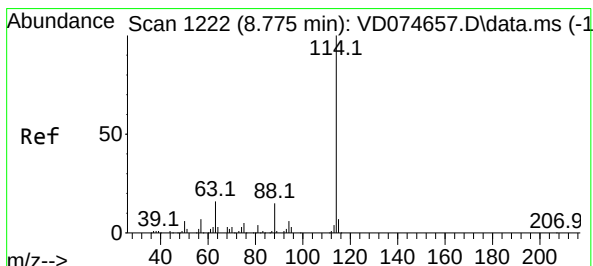
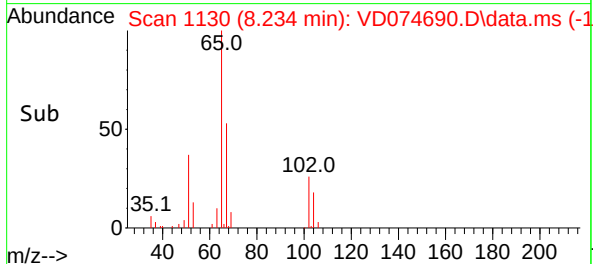
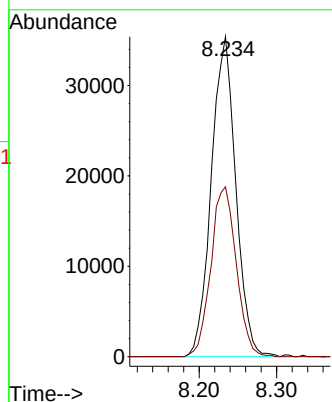
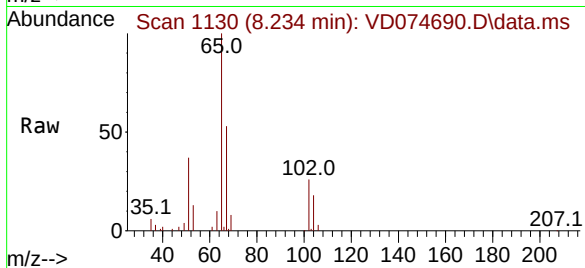
NWB-1840

Tgt Ion: 65 Resp: 77817

Ion Ratio Lower Upper

65 100

67 55.0 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD074690.D

Acq: 31 Oct 2022 16:08

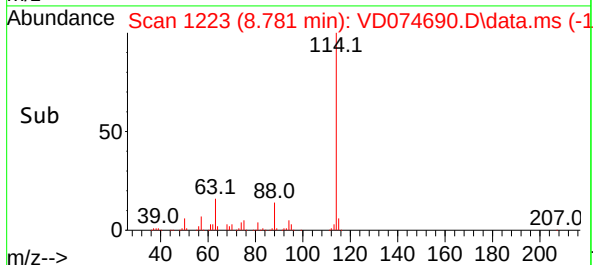
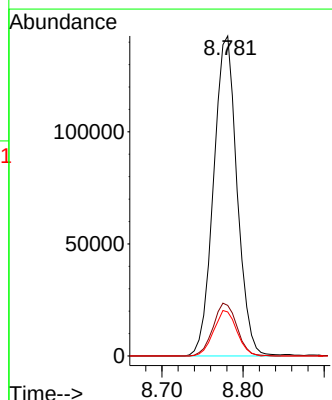
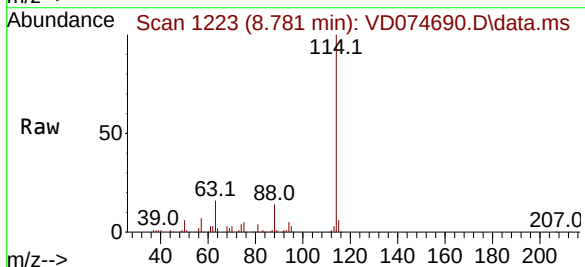
Tgt Ion: 114 Resp: 286962

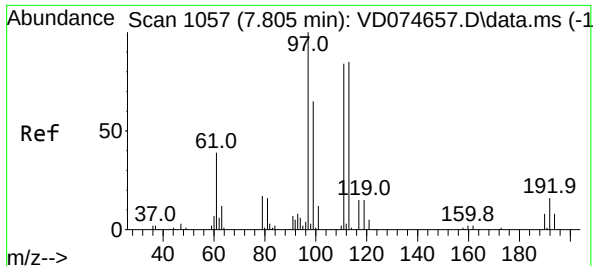
Ion Ratio Lower Upper

114 100

63 15.8 0.0 33.2

88 13.7 0.0 28.2





#35

Dibromofluoromethane

Concen: 56.223 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD074690.D

Acq: 31 Oct 2022 16:08

Instrument :

MSVOA_D

ClientSampleId :

NWB-1840

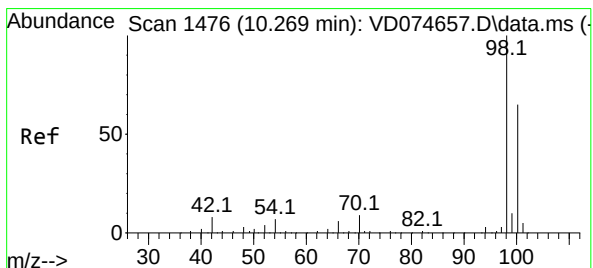
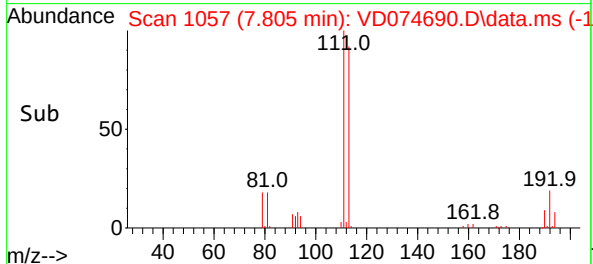
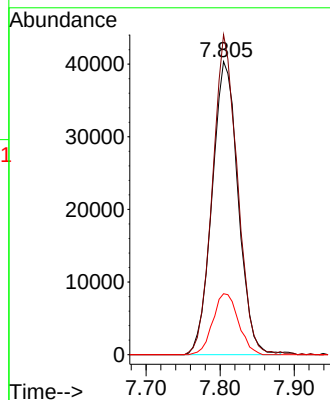
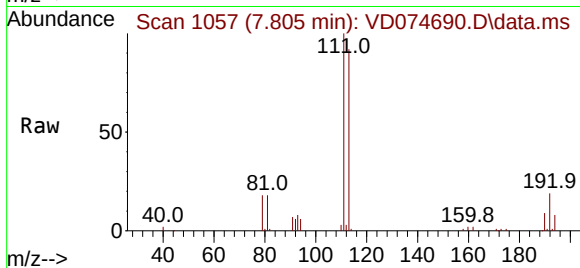
Tgt Ion:113 Resp: 98517

Ion Ratio Lower Upper

113 100

111 104.4 82.3 123.5

192 20.4 16.4 24.6



#50

Toluene-d8

Concen: 47.729 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD074690.D

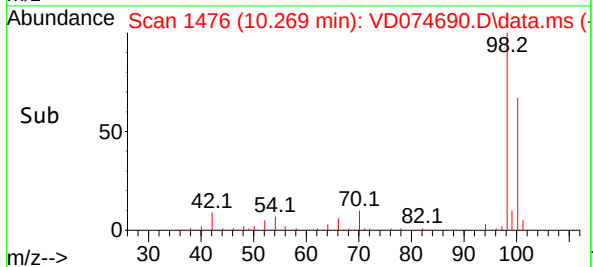
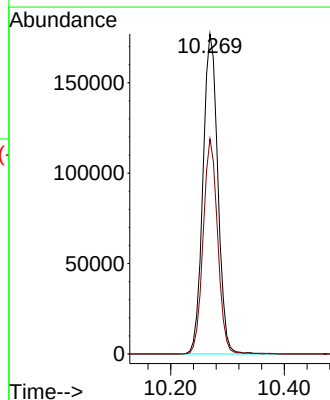
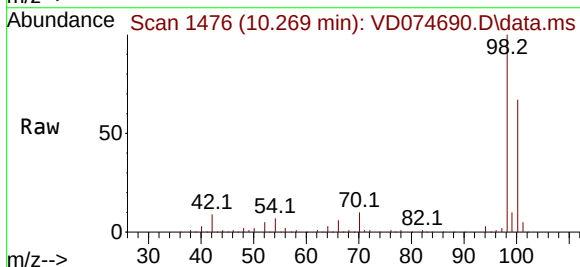
Acq: 31 Oct 2022 16:08

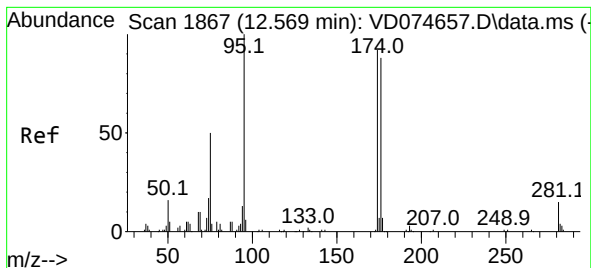
Tgt Ion: 98 Resp: 321630

Ion Ratio Lower Upper

98 100

100 65.3 51.4 77.0

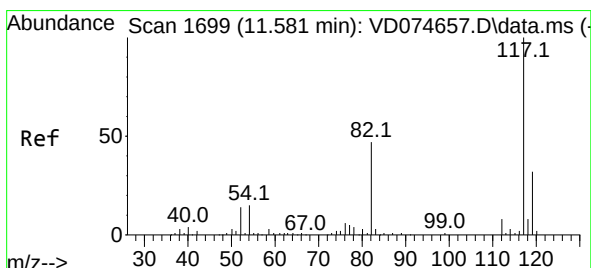
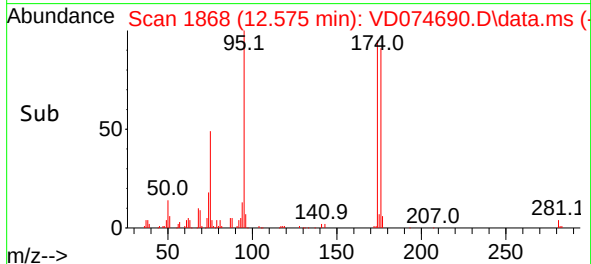
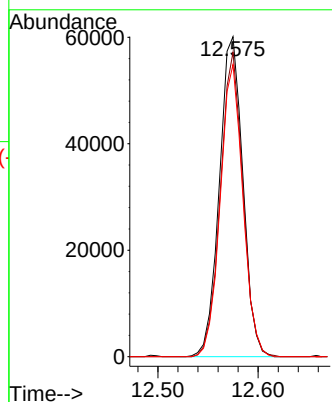
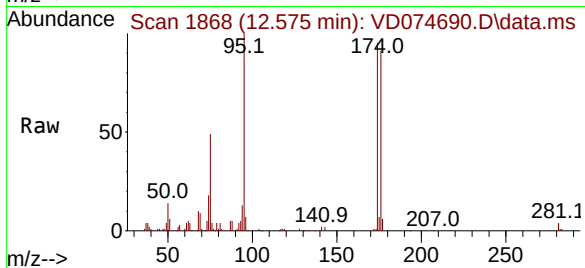




#62
4-Bromofluorobenzene
Concen: 52.831 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD074690.D
Acq: 31 Oct 2022 16:08

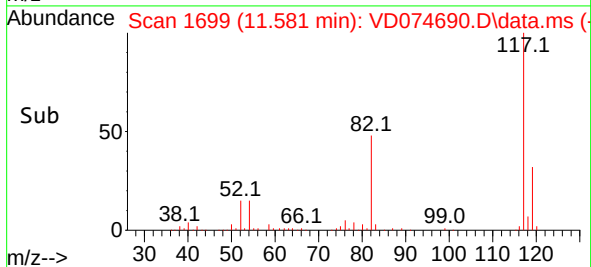
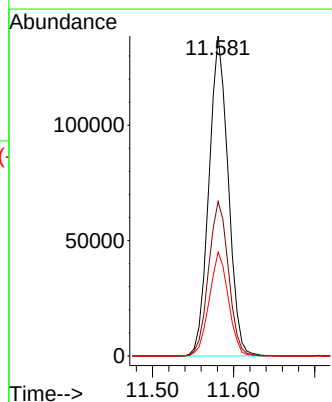
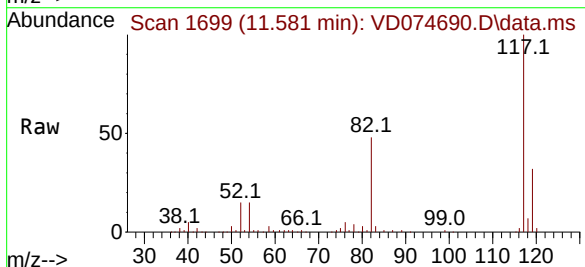
Instrument :
MSVOA_D
ClientSampleId :
NWB-1840

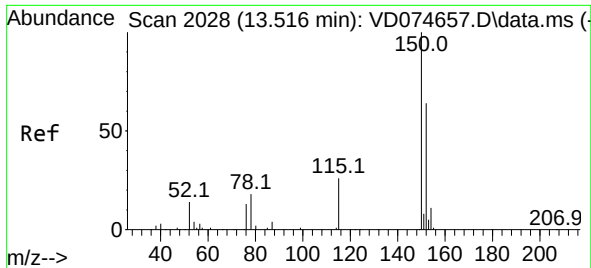
Tgt Ion: 95 Resp: 97773
Ion Ratio Lower Upper
95 100
174 91.4 0.0 197.0
176 87.8 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074690.D
Acq: 31 Oct 2022 16:08

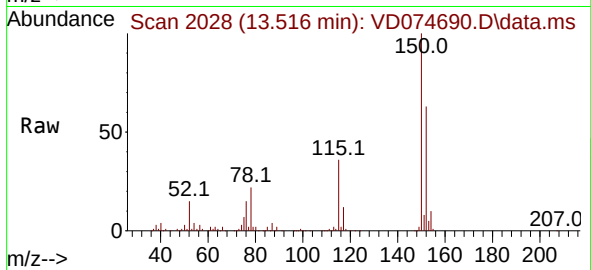
Tgt Ion: 117 Resp: 228202
Ion Ratio Lower Upper
117 100
82 48.3 41.6 62.4
119 32.4 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD074690.D
 Acq: 31 Oct 2022 16:08

Instrument :
 MSVOA_D
 ClientSampleId :
 NWB-1840



Tgt Ion:152 Resp: 103617
 Ion Ratio Lower Upper
 152 100
 115 56.1 26.8 80.4
 150 157.3 0.0 348.2

