

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071924\
 Data File : VN082984.D
 Acq On : 19 Jul 2024 13:21
 Operator : JC\MD
 Sample : P3306-05 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 A1285

Quant Time: Jul 22 02:04:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

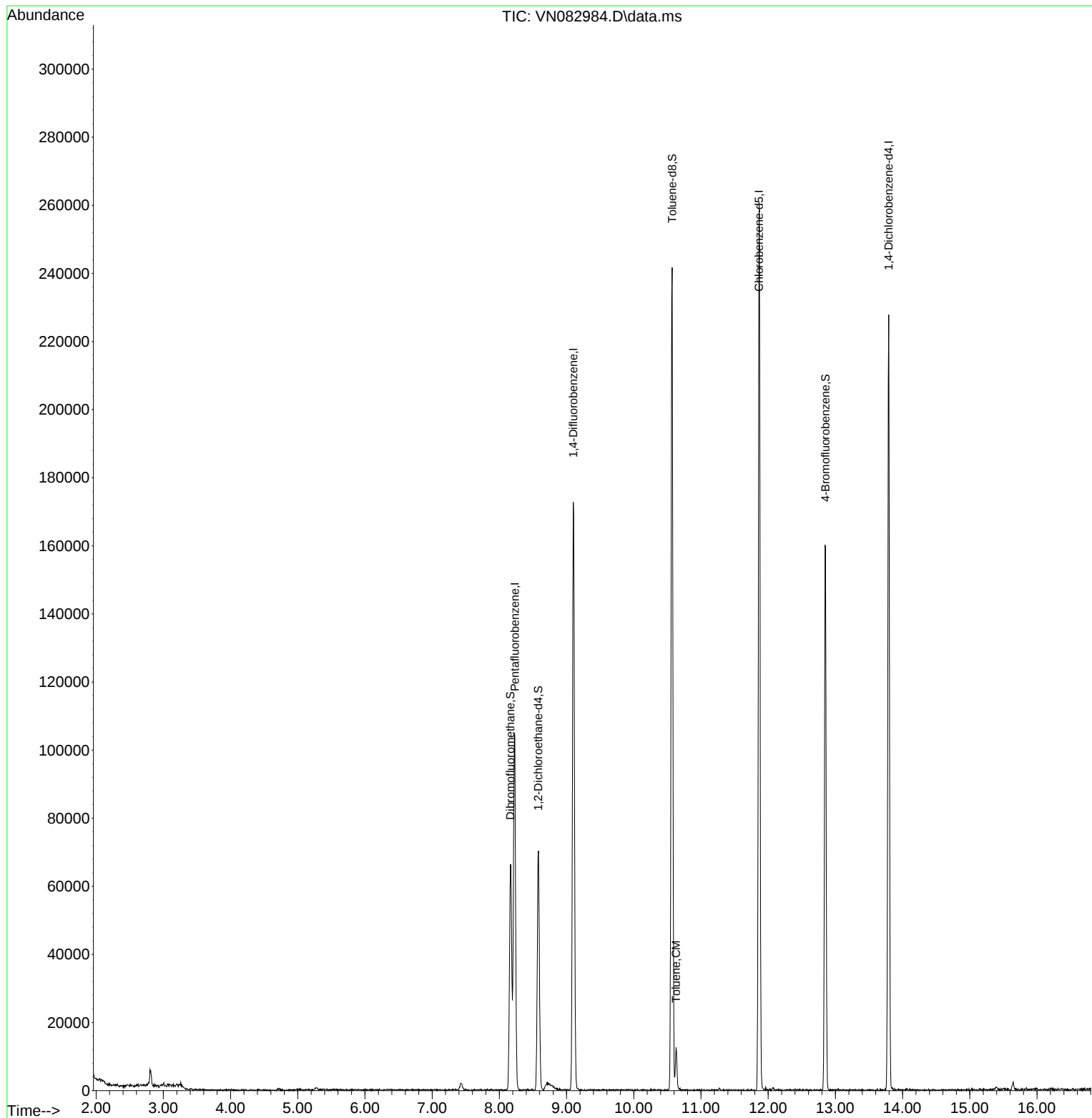
Internal Standards						
1) Pentafluorobenzene	8.230	168	74310	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	146568	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	143228	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	58340	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	57458	55.159	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.320%
35) Dibromofluoromethane	8.165	113	46293	49.222	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.440%
50) Toluene-d8	10.571	98	165731	47.711	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.420%
62) 4-Bromofluorobenzene	12.853	95	51169	41.008	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	82.020%
Target Compounds						
52) Toluene	10.629	92	5224	2.097	ug/l	Qvalue 97

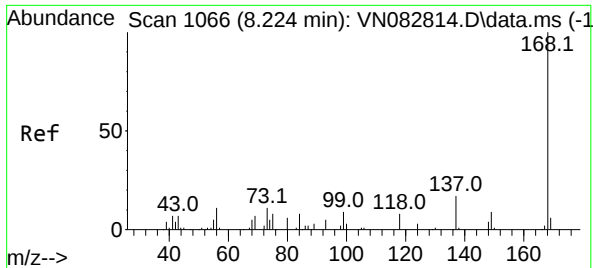
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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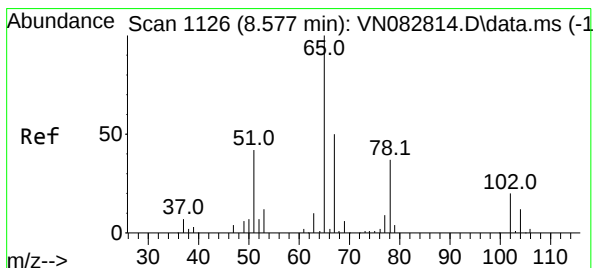
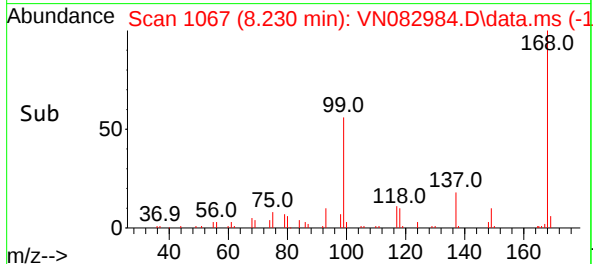
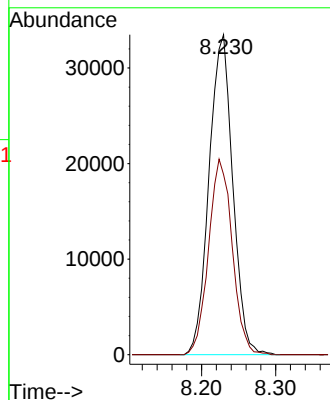
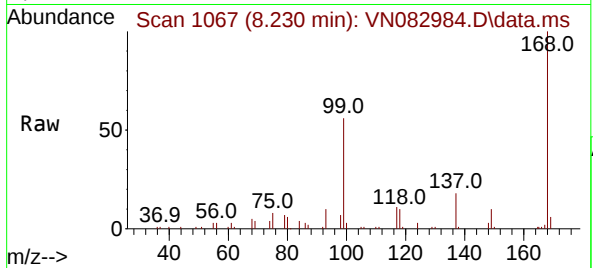




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.001 min
Lab File: VN082984.D
Acq: 19 Jul 2024 13:21

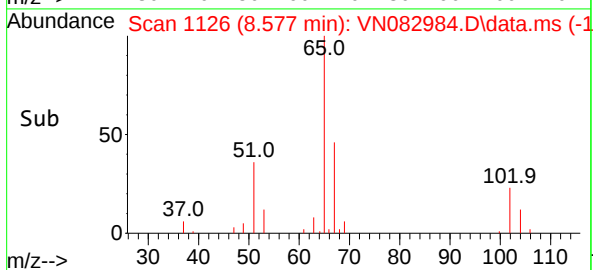
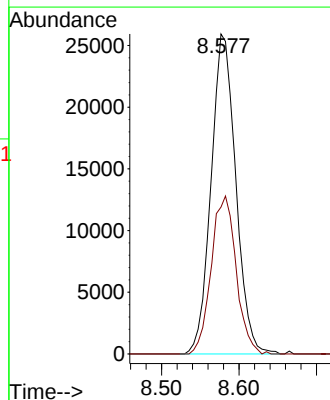
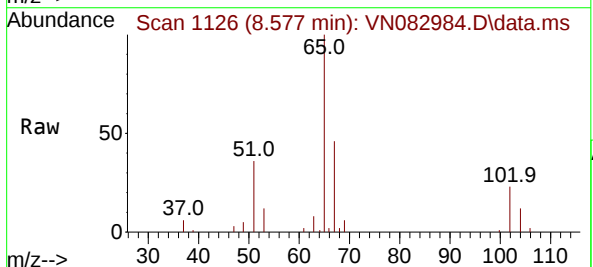
Instrument :
MSVOA_N
ClientSampleId :
A1285

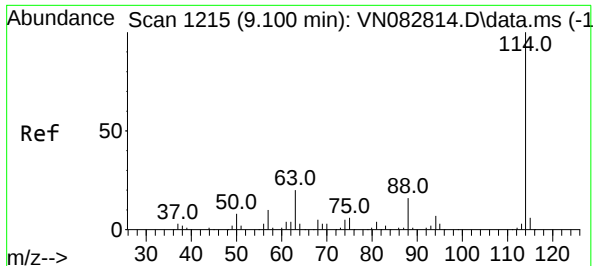
Tgt Ion:168 Resp: 74310
Ion Ratio Lower Upper
168 100
99 56.3 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 55.159 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN082984.D
Acq: 19 Jul 2024 13:21

Tgt Ion: 65 Resp: 57458
Ion Ratio Lower Upper
65 100
67 49.7 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN082984.D

Acq: 19 Jul 2024 13:21

Instrument :

MSVOA_N

ClientSampleId :

A1285

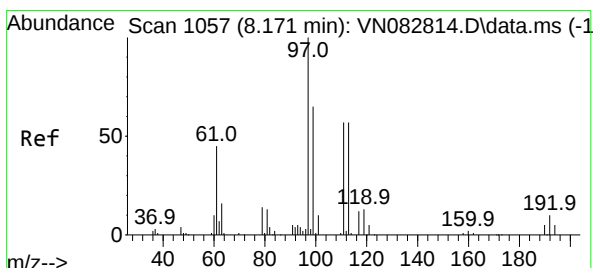
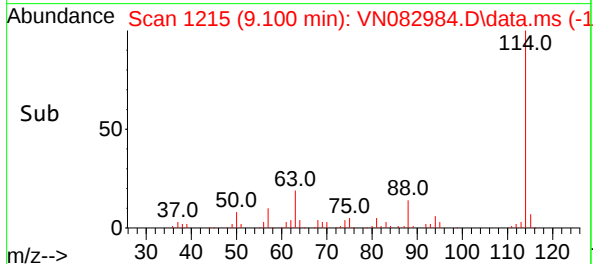
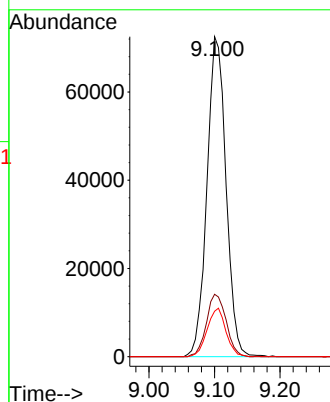
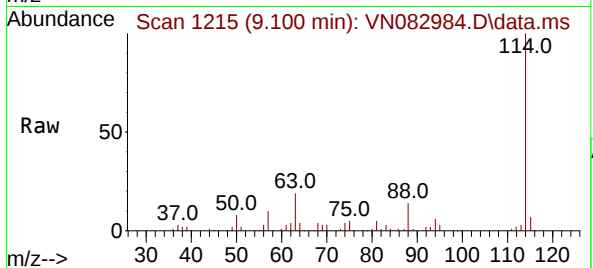
Tgt Ion:114 Resp: 146568

Ion Ratio Lower Upper

114 100

63 19.5 0.0 44.6

88 14.2 0.0 31.4



#35

Dibromofluoromethane

Concen: 49.222 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN082984.D

Acq: 19 Jul 2024 13:21

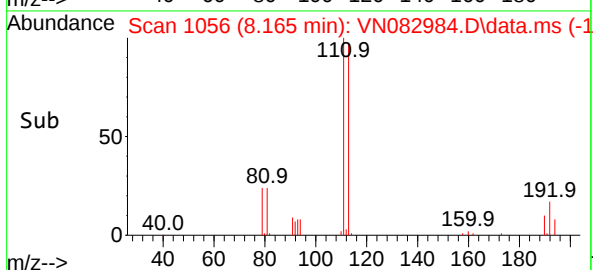
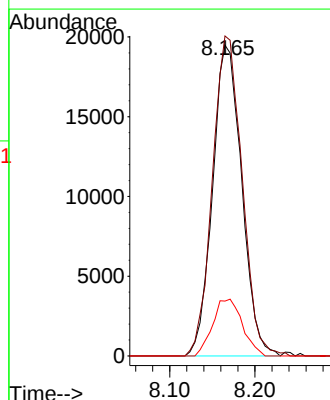
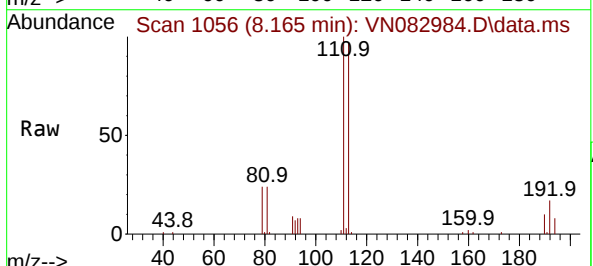
Tgt Ion:113 Resp: 46293

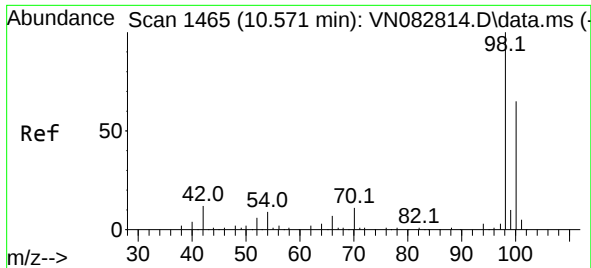
Ion Ratio Lower Upper

113 100

111 104.7 82.4 123.6

192 18.6 14.9 22.3

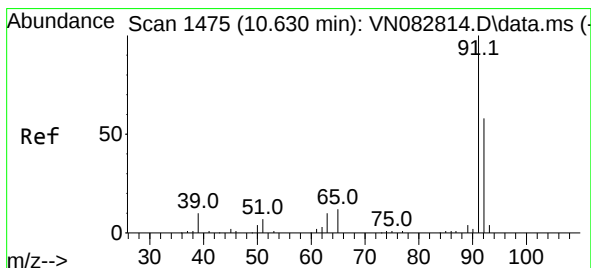
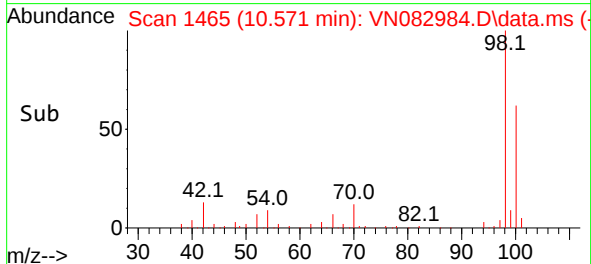
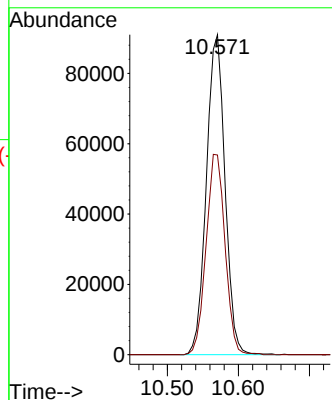
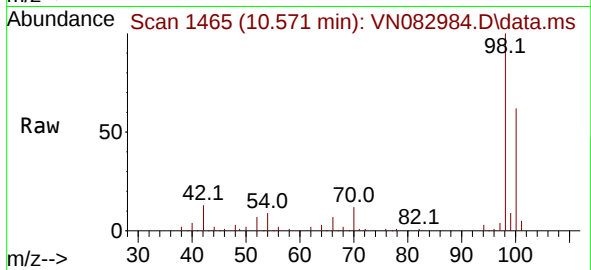




#50
Toluene-d8
Concen: 47.711 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082984.D
Acq: 19 Jul 2024 13:21

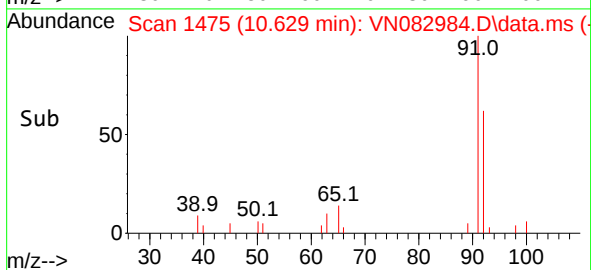
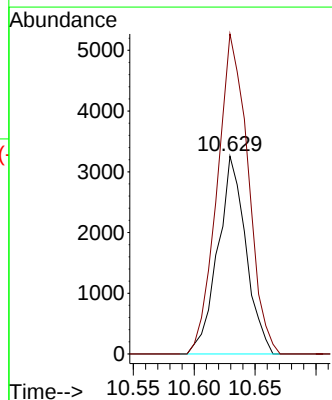
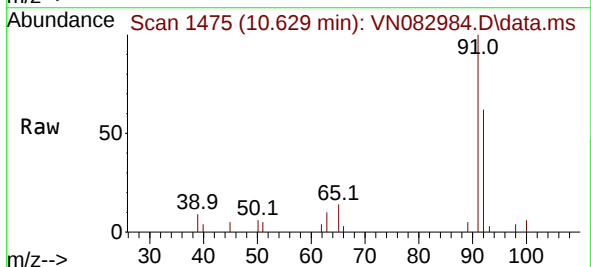
Instrument :
MSVOA_N
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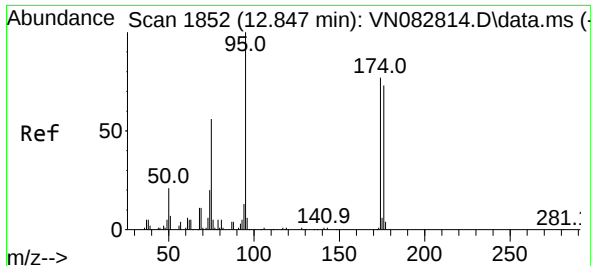
Tgt Ion: 98 Resp: 165731
Ion Ratio Lower Upper
98 100
100 63.8 51.5 77.3



#52
Toluene
Concen: 2.097 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN082984.D
Acq: 19 Jul 2024 13:21

Tgt Ion: 92 Resp: 5224
Ion Ratio Lower Upper
92 100
91 177.8 139.4 209.0

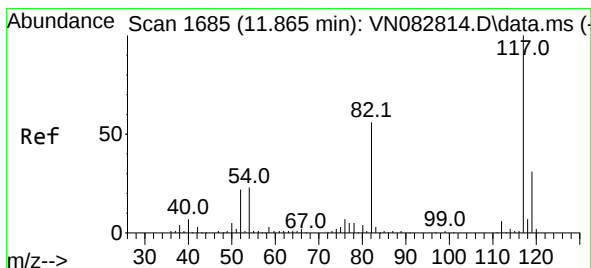
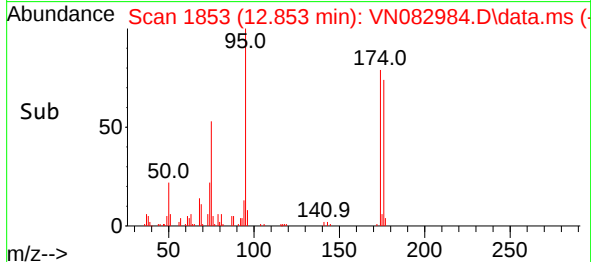
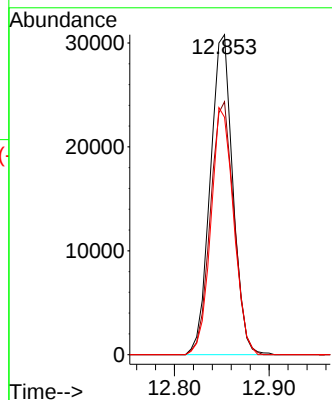
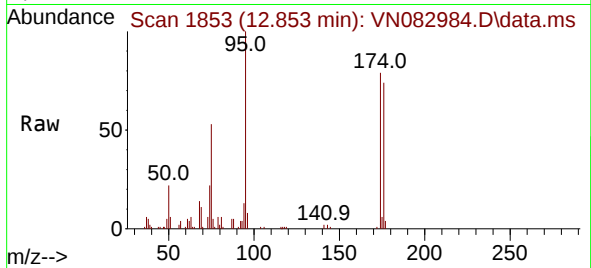




#62
4-Bromofluorobenzene
Concen: 41.008 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082984.D
Acq: 19 Jul 2024 13:21

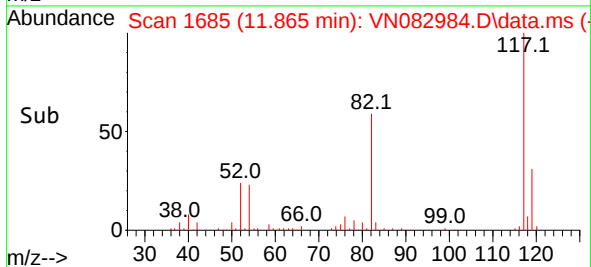
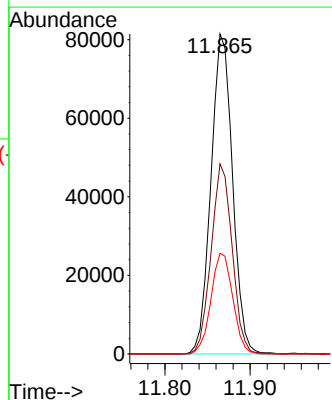
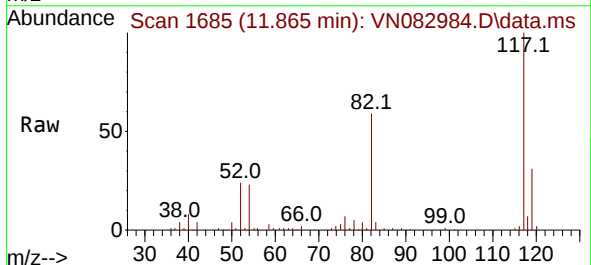
Instrument :
MSVOA_N
ClientSampleId :
A1285

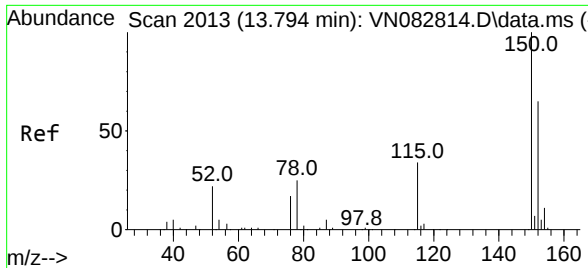
Tgt Ion: 95 Resp: 51169
Ion Ratio Lower Upper
95 100
174 82.3 0.0 159.2
176 77.5 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.005 min
Lab File: VN082984.D
Acq: 19 Jul 2024 13:21

Tgt Ion: 117 Resp: 143228
Ion Ratio Lower Upper
117 100
82 59.4 47.5 71.3
119 31.4 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN082984.D
 Acq: 19 Jul 2024 13:21

Instrument :
 MSVOA_N
 ClientSampleId :
 A1285

Tgt Ion:152 Resp: 58340
 Ion Ratio Lower Upper
 152 100
 115 60.7 30.6 91.6
 150 158.3 0.0 348.6

