

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083024\
 Data File : VN083596.D
 Acq On : 31 Aug 2024 05:45
 Operator : JC\MD
 Sample : P3647-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-05-8-082624

Quant Time: Aug 31 06:26:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 00:48:10 2024
 Response via : Initial Calibration

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

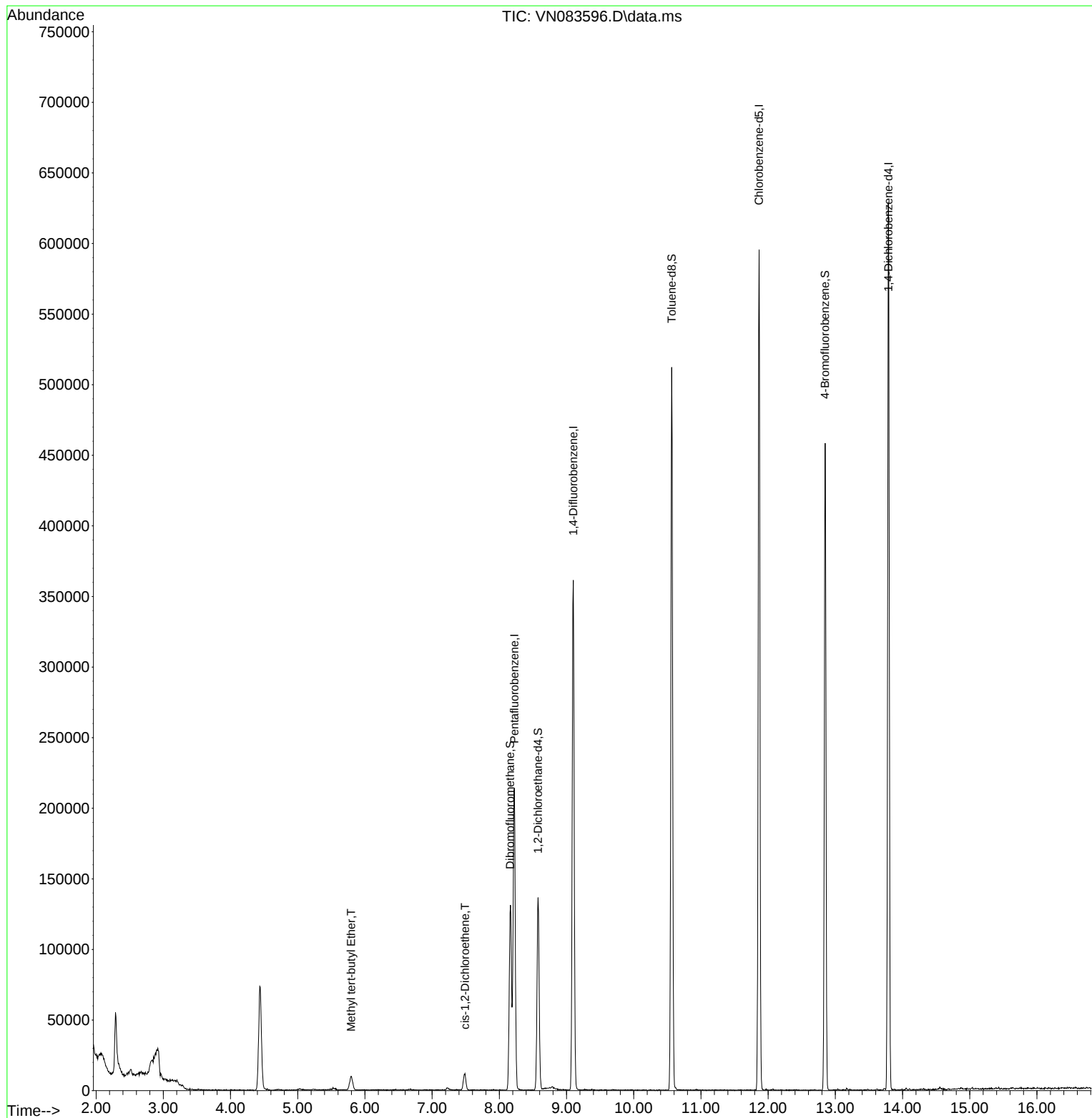
Internal Standards						
1) Pentafluorobenzene	8.224	168	147972	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	302960	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	326840	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	161568	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	116348	56.260	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.520%			
35) Dibromofluoromethane	8.159	113	94766	51.971	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.940%			
50) Toluene-d8	10.565	98	343452	48.351	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.700%			
62) 4-Bromofluorobenzene	12.847	95	158123	60.112	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 120.220%			
Target Compounds						Qvalue
19) Methyl tert-butyl Ether	5.795	73	15203	2.644	ug/l	93
27) cis-1,2-Dichloroethene	7.489	96	7831	3.886	ug/l	81

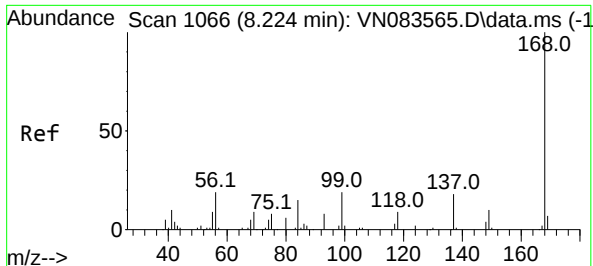
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083024\
Data File : VN083596.D
Acq On : 31 Aug 2024 05:45
Operator : JC\MD
Sample : P3647-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-05-8-082624

Quant Time: Aug 31 06:26:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
Quant Title : SW846 8260
QLast Update : Sat Aug 31 00:48:10 2024
Response via : Initial Calibration

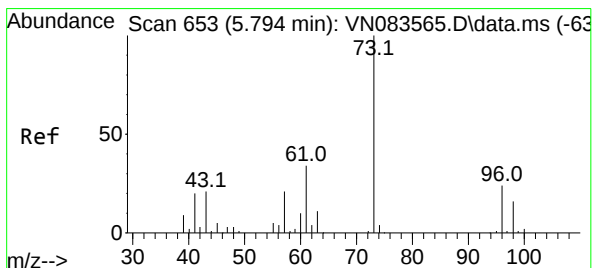
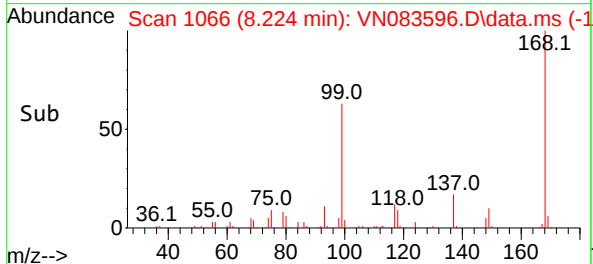
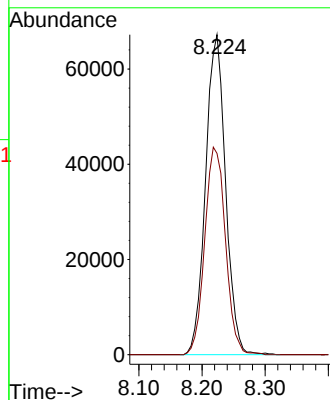
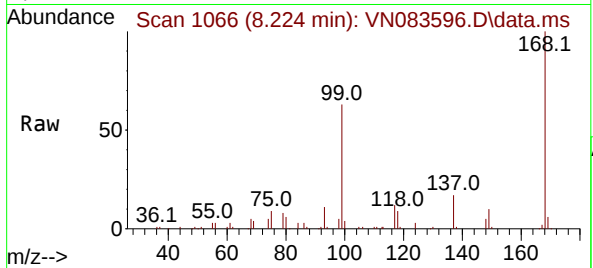




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083596.D
Acq: 31 Aug 2024 05:45

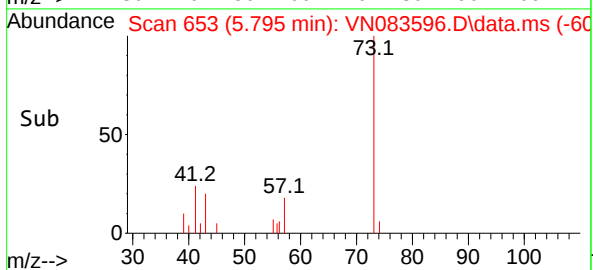
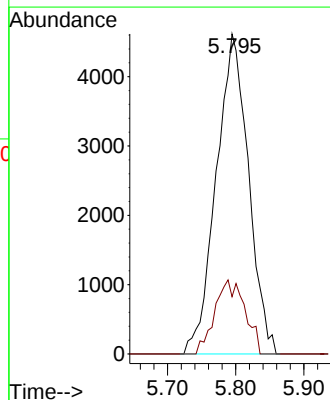
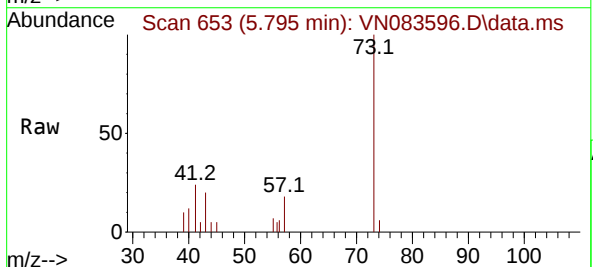
Instrument :
MSVOA_N
ClientSampleId :
MW-05-8-082624

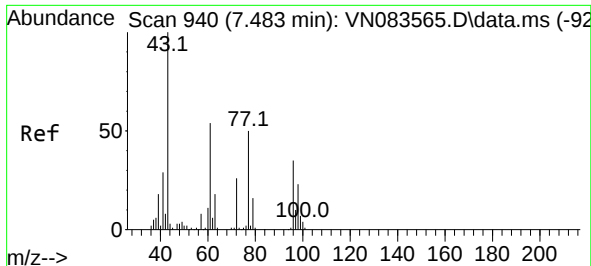
Tgt Ion:168 Resp: 147972
Ion Ratio Lower Upper
168 100
99 62.9 54.2 81.2



#19
Methyl tert-butyl Ether
Concen: 2.644 ug/l
RT: 5.795 min Scan# 653
Delta R.T. 0.000 min
Lab File: VN083596.D
Acq: 31 Aug 2024 05:45

Tgt Ion: 73 Resp: 15203
Ion Ratio Lower Upper
73 100
57 17.9 17.0 25.6



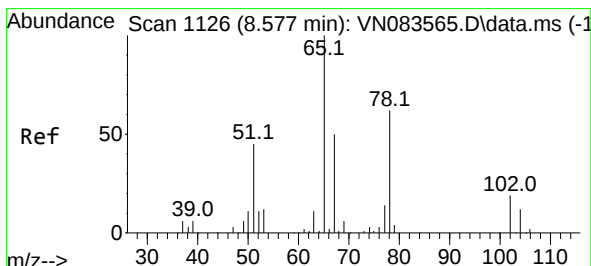
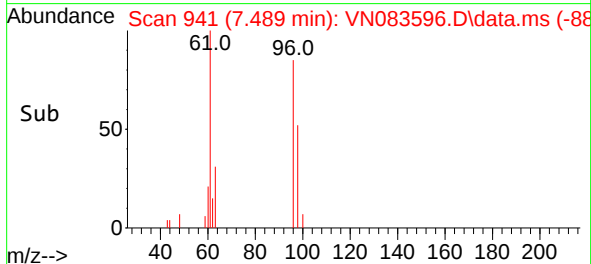
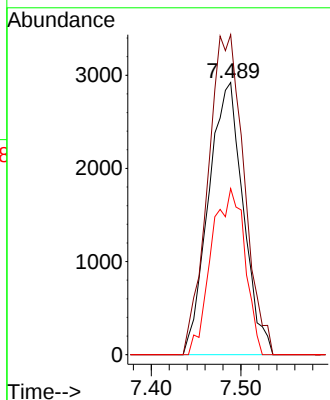
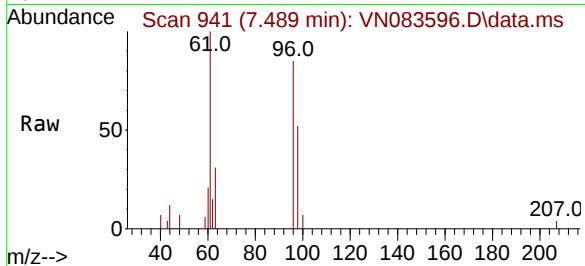


#27
 cis-1,2-Dichloroethene
 Concen: 3.886 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN083596.D
 Acq: 31 Aug 2024 05:45

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-05-8-082624

Tgt Ion: 96 Resp: 7831

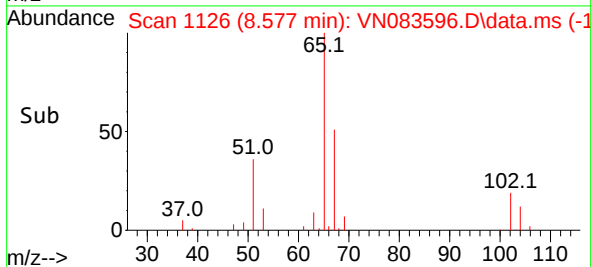
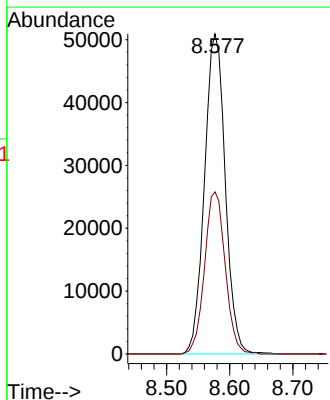
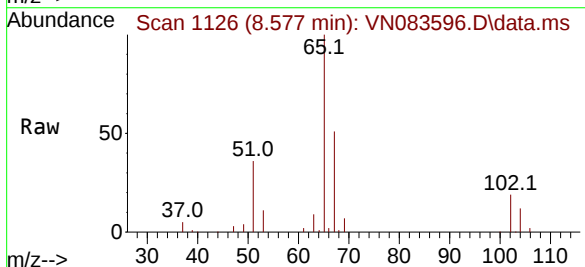
Ion	Ratio	Lower	Upper
96	100		
61	122.8	0.0	306.2
98	58.9	0.0	128.6

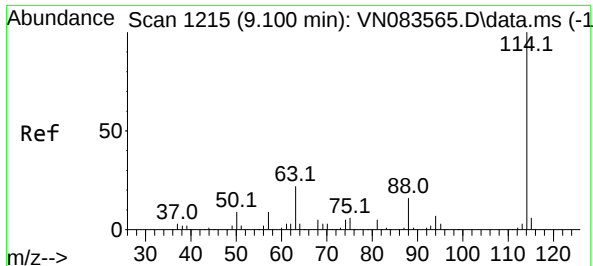


#33
 1,2-Dichloroethane-d4
 Concen: 56.260 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VN083596.D
 Acq: 31 Aug 2024 05:45

Tgt Ion: 65 Resp: 116348

Ion	Ratio	Lower	Upper
65	100		
67	50.4	0.0	100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083596.D

Acq: 31 Aug 2024 05:45

Instrument :

MSVOA_N

ClientSampleId :

MW-05-8-082624

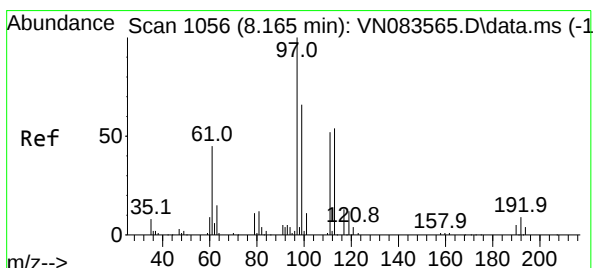
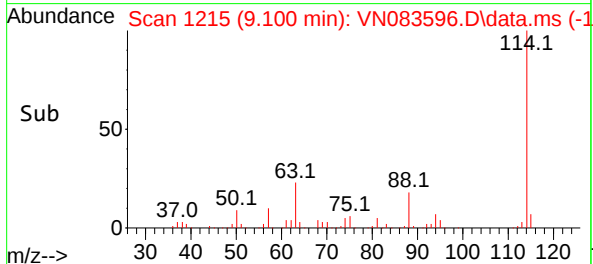
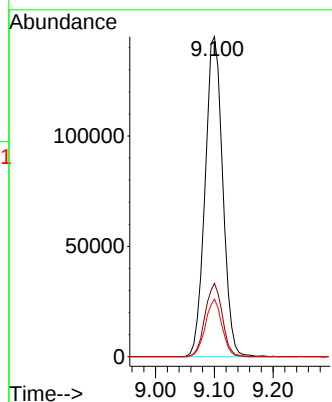
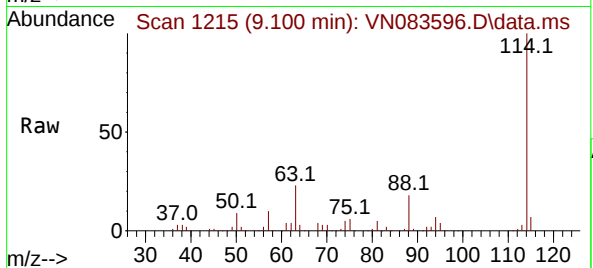
Tgt Ion:114 Resp: 302960

Ion Ratio Lower Upper

114 100

63 23.0 0.0 43.4

88 18.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.971 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN083596.D

Acq: 31 Aug 2024 05:45

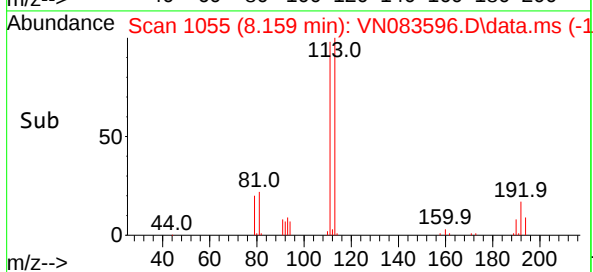
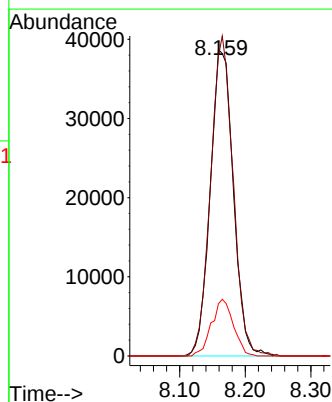
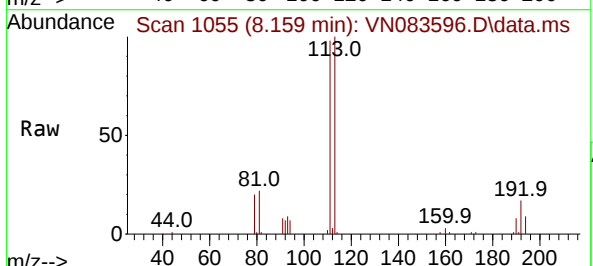
Tgt Ion:113 Resp: 94766

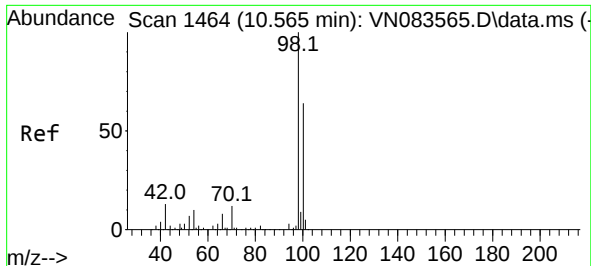
Ion Ratio Lower Upper

113 100

111 101.4 82.6 124.0

192 17.5 14.3 21.5

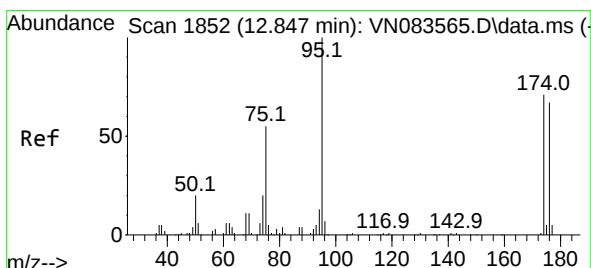
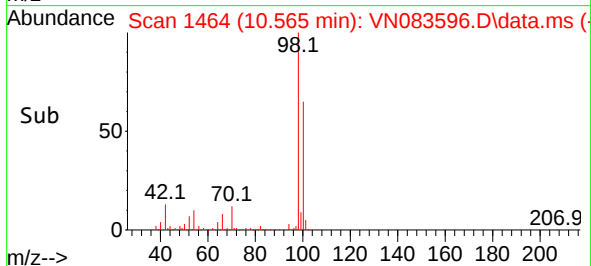
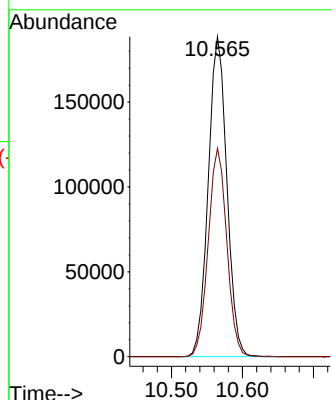
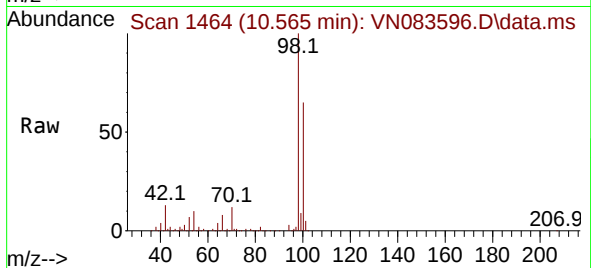




#50
Toluene-d8
Concen: 48.351 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083596.D
Acq: 31 Aug 2024 05:45

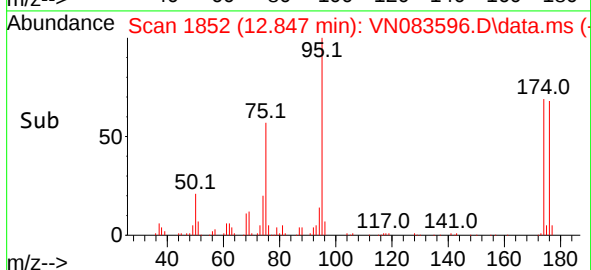
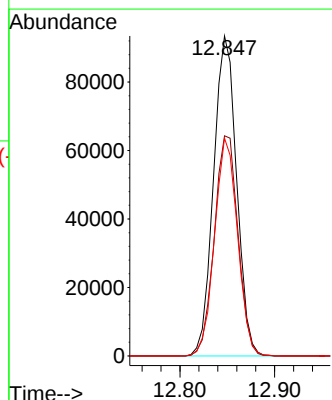
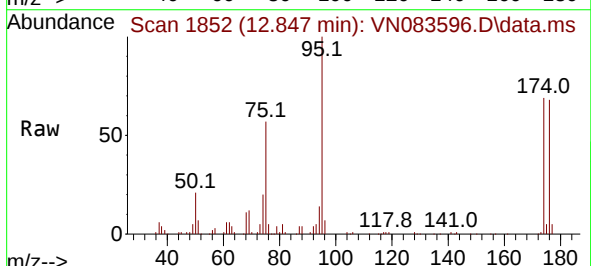
Instrument :
MSVOA_N
ClientSampleId :
MW-05-8-082624

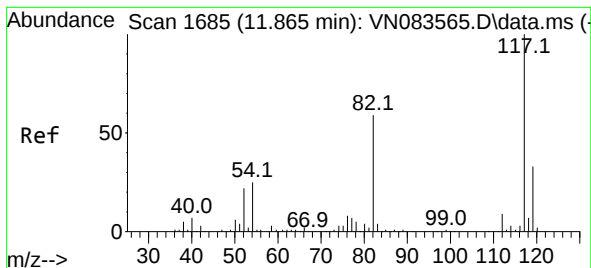
Tgt Ion: 98 Resp: 343452
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 60.112 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083596.D
Acq: 31 Aug 2024 05:45

Tgt Ion: 95 Resp: 158123
Ion Ratio Lower Upper
95 100
174 70.8 0.0 139.8
176 67.7 0.0 131.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083596.D

Acq: 31 Aug 2024 05:45

Instrument :

MSVOA_N

ClientSampleId :

MW-05-8-082624

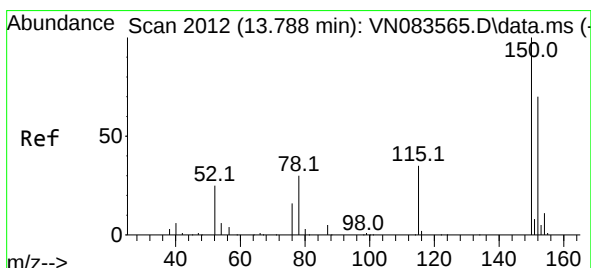
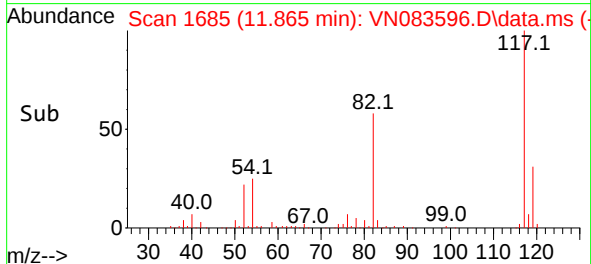
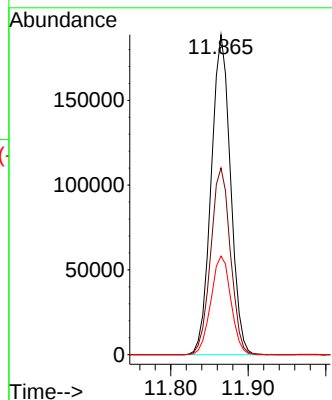
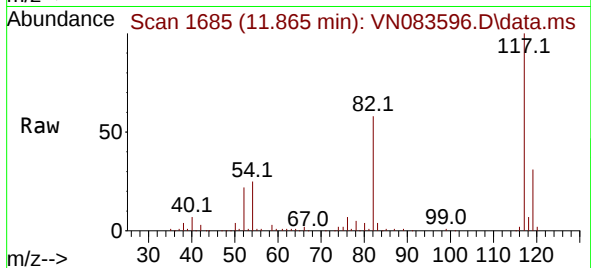
Tgt Ion:117 Resp: 326840

Ion Ratio Lower Upper

117 100

82 58.3 47.4 71.0

119 30.8 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN083596.D

Acq: 31 Aug 2024 05:45

Tgt Ion:152 Resp: 161568

Ion Ratio Lower Upper

152 100

115 63.7 32.2 96.6

150 156.6 0.0 348.6

