

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081924\
 Data File : VN083383.D
 Acq On : 19 Aug 2024 19:30
 Operator : JC\MD
 Sample : P3646-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 916-J-WPO-0.25-081524

Quant Time: Aug 20 04:50:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

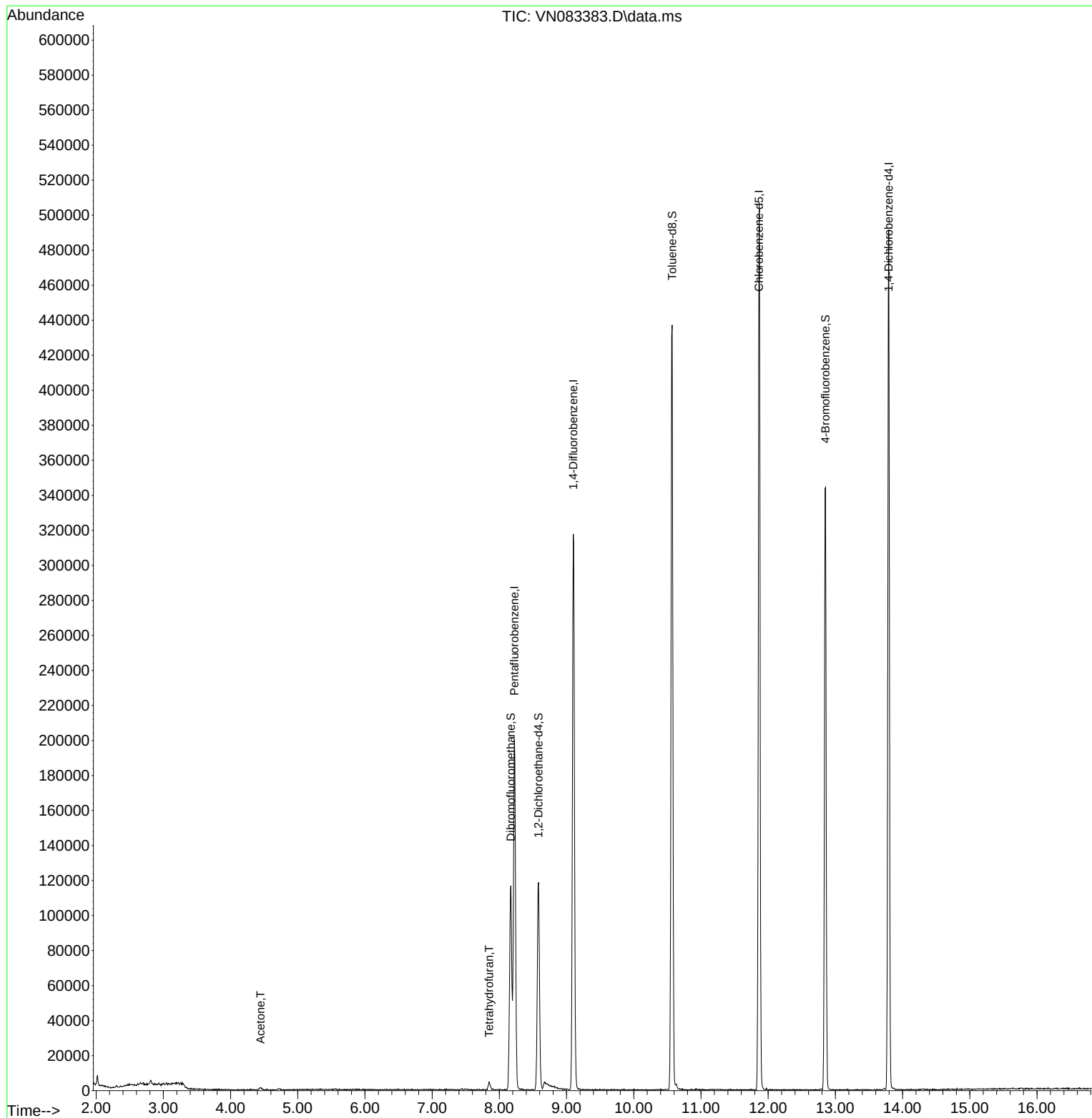
Internal Standards						
1) Pentafluorobenzene	8.224	168	136272	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	268732	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	278824	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	125925	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	103472	53.345	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.680%			
35) Dibromofluoromethane	8.171	113	83030	49.500	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.000%			
50) Toluene-d8	10.570	98	304710	48.699	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.400%			
62) 4-Bromofluorobenzene	12.853	95	127222	52.154	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.300%			
Target Compounds						Qvalue
16) Acetone	4.447	43	2426	3.196	ug/l	94
29) Tetrahydrofuran	7.847	42	3034	4.027	ug/l	97

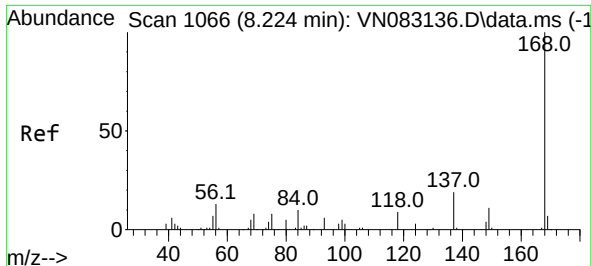
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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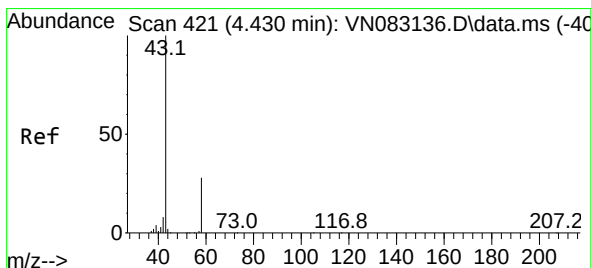
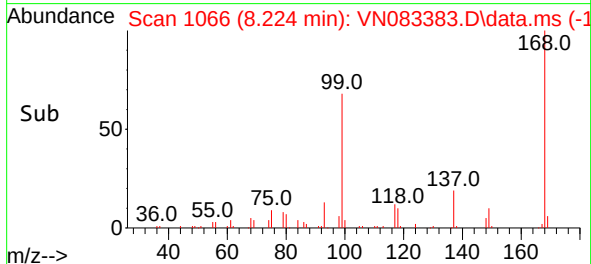
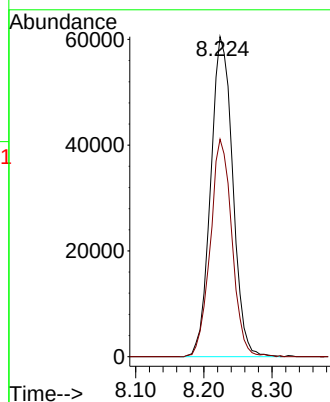
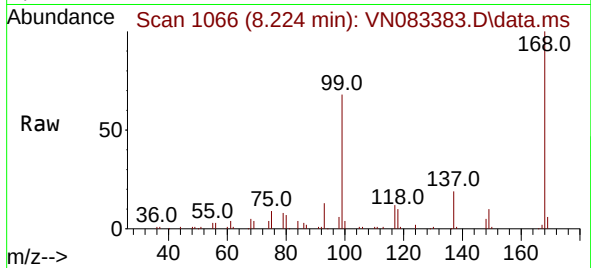




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083383.D
Acq: 19 Aug 2024 19:30

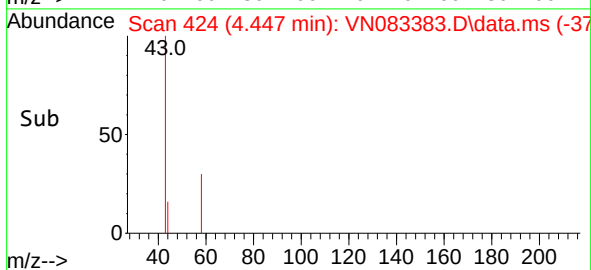
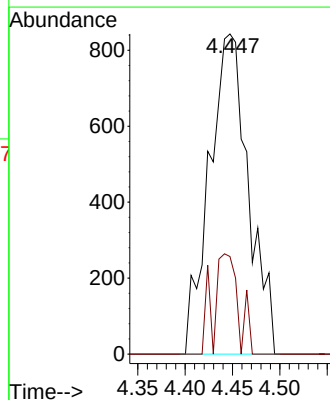
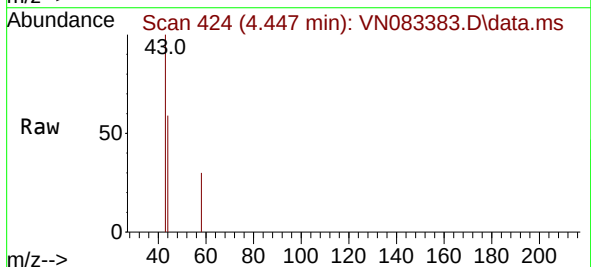
Instrument :
MSVOA_N
ClientSampleId :
916-J-WPO-0.25-081524

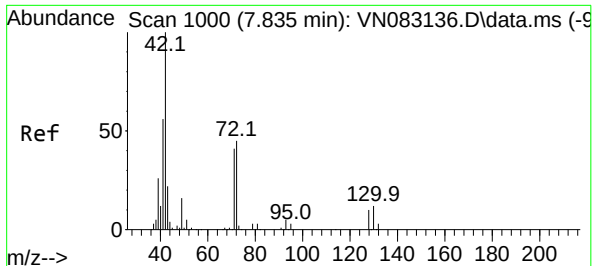
Tgt Ion:168 Resp: 136272
Ion Ratio Lower Upper
168 100
99 68.0 48.2 72.4



#16
Acetone
Concen: 3.196 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.018 min
Lab File: VN083383.D
Acq: 19 Aug 2024 19:30

Tgt Ion: 43 Resp: 2426
Ion Ratio Lower Upper
43 100
58 30.5 21.8 32.6





#29

Tetrahydrofuran

Concen: 4.027 ug/l

RT: 7.847 min Scan# 1000

Delta R.T. 0.012 min

Lab File: VN083383.D

Acq: 19 Aug 2024 19:30

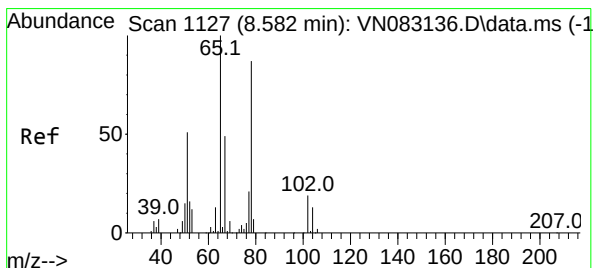
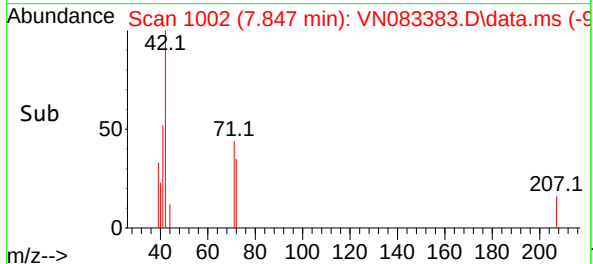
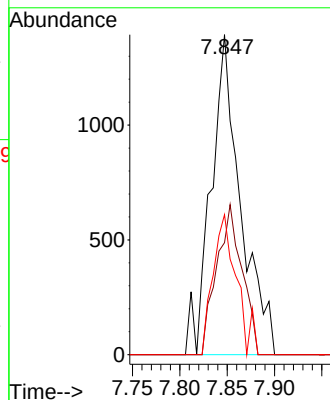
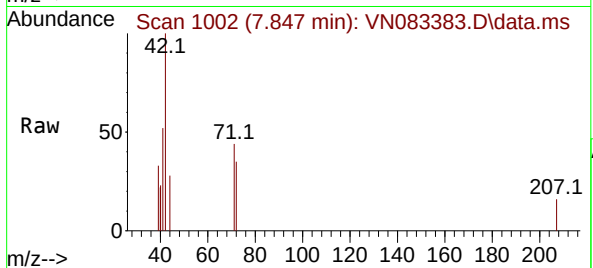
Instrument :

MSVOA_N

ClientSampleId :

916-J-WPO-0.25-081524

Tgt Ion: 42	Resp: 3034
Ion Ratio	Lower Upper
42	100
72	40.0 30.0 45.0
71	34.5 28.3 42.5



#33

1,2-Dichloroethane-d4

Concen: 53.345 ug/l

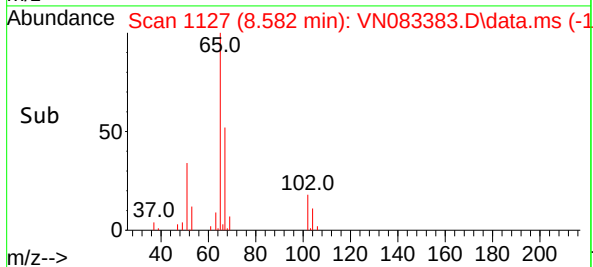
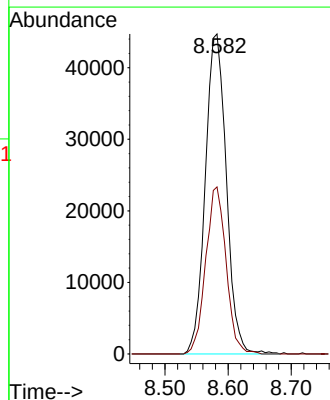
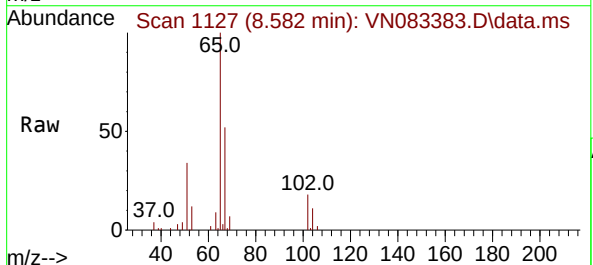
RT: 8.582 min Scan# 1127

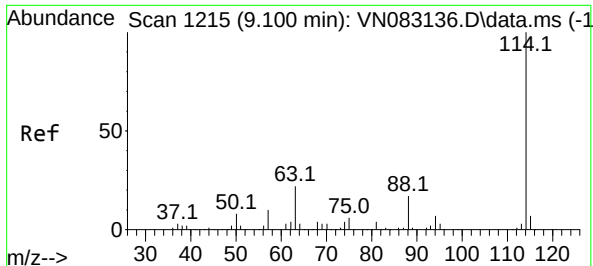
Delta R.T. 0.000 min

Lab File: VN083383.D

Acq: 19 Aug 2024 19:30

Tgt Ion: 65	Resp: 103472
Ion Ratio	Lower Upper
65	100
67	50.5 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN083383.D

Acq: 19 Aug 2024 19:30

Instrument :

MSVOA_N

ClientSampleId :

916-J-WPO-0.25-081524

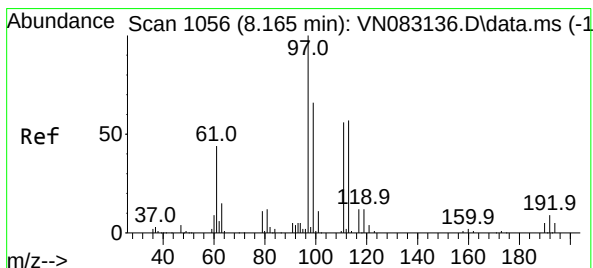
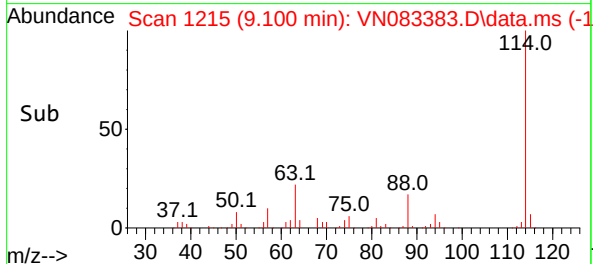
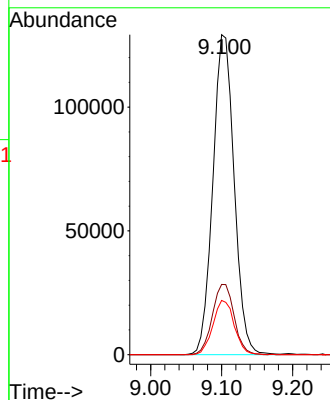
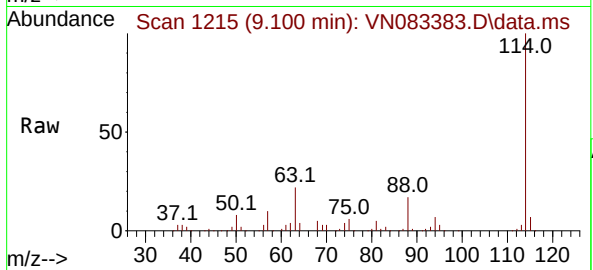
Tgt Ion:114 Resp: 268732

Ion Ratio Lower Upper

114 100

63 22.0 0.0 44.6

88 17.0 0.0 31.4



#35

Dibromofluoromethane

Concen: 49.500 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083383.D

Acq: 19 Aug 2024 19:30

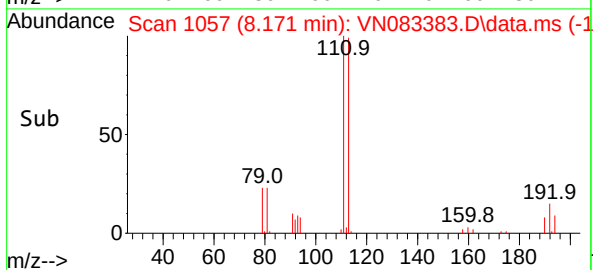
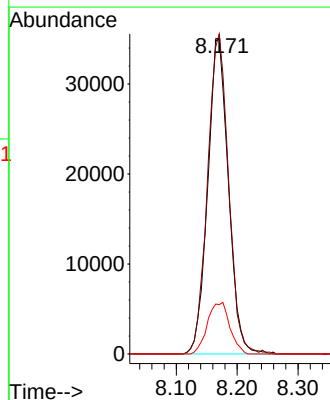
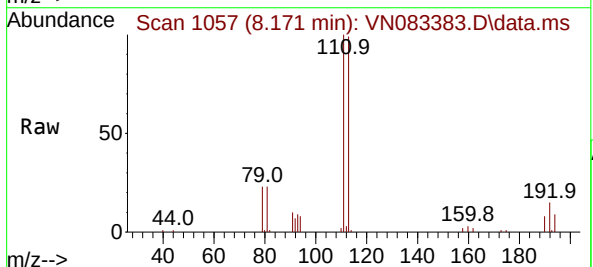
Tgt Ion:113 Resp: 83030

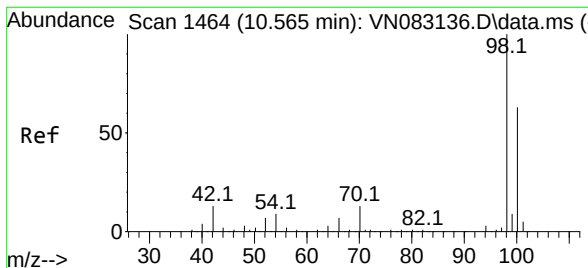
Ion Ratio Lower Upper

113 100

111 102.7 82.4 123.6

192 17.6 14.9 22.3





#50

Toluene-d8

Concen: 48.699 ug/l

RT: 10.570 min Scan# 1464

Delta R.T. 0.005 min

Lab File: VN083383.D

Acq: 19 Aug 2024 19:30

Instrument :

MSVOA_N

ClientSampleId :

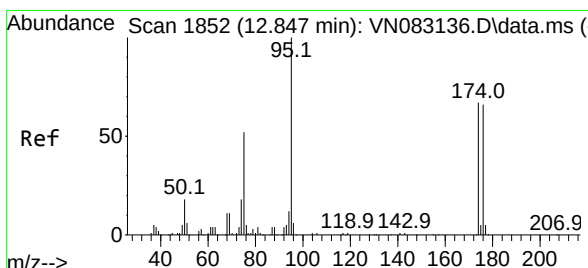
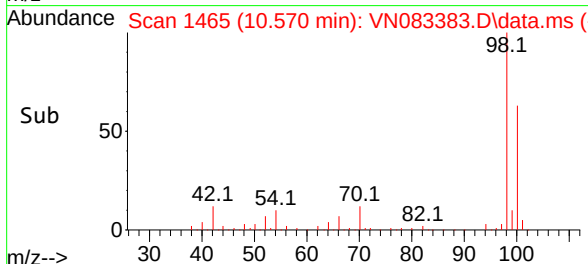
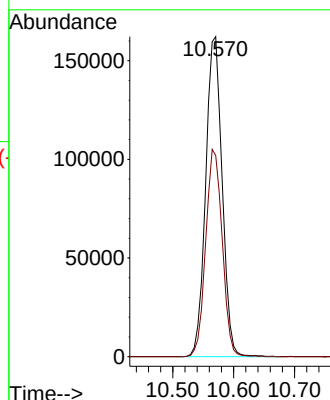
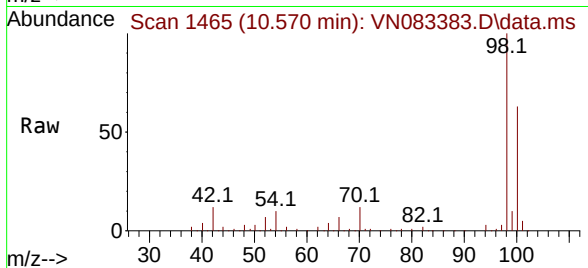
916-J-WPO-0.25-081524

Tgt Ion: 98 Resp: 304710

Ion Ratio Lower Upper

98 100

100 65.0 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 52.154 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN083383.D

Acq: 19 Aug 2024 19:30

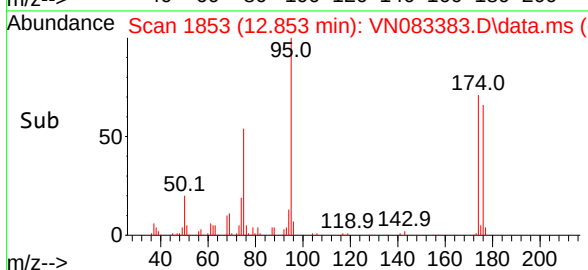
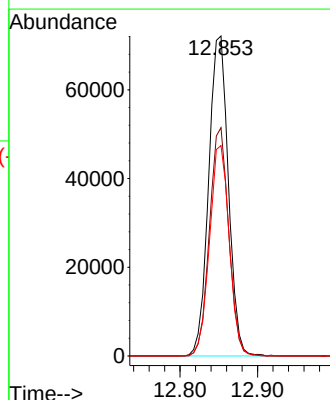
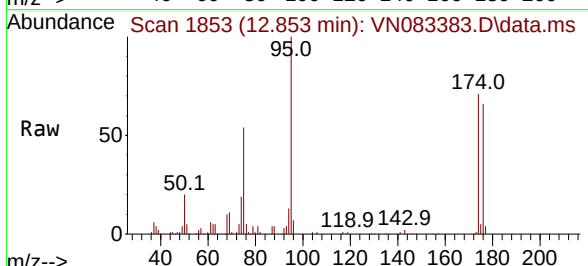
Tgt Ion: 95 Resp: 127222

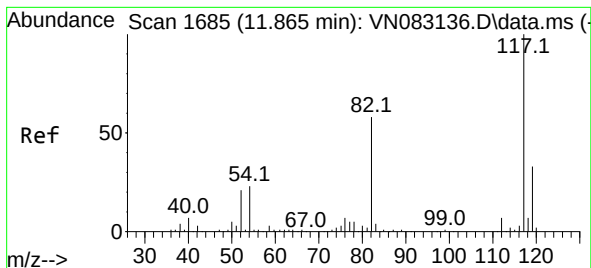
Ion Ratio Lower Upper

95 100

174 69.7 0.0 159.2

176 65.6 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083383.D

Acq: 19 Aug 2024 19:30

Instrument :

MSVOA_N

ClientSampleId :

916-J-WPO-0.25-081524

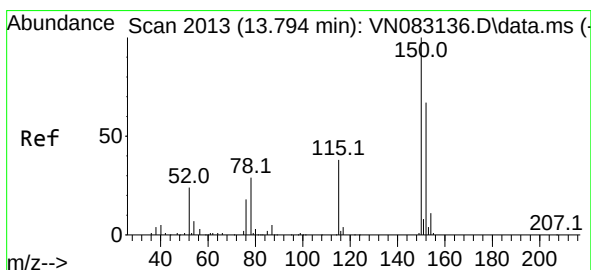
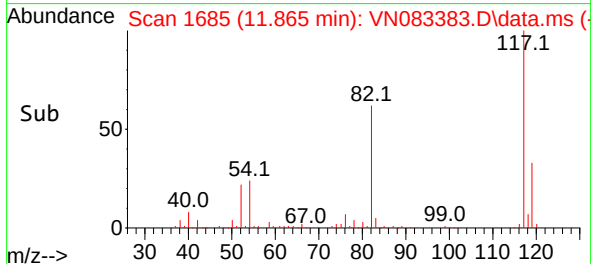
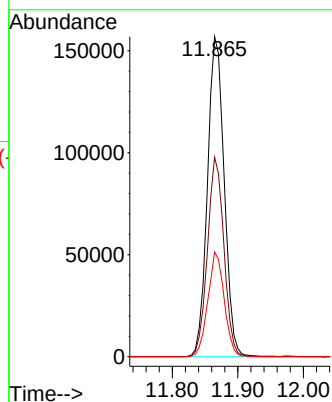
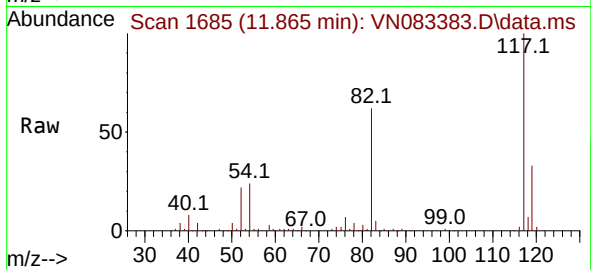
Tgt Ion:117 Resp: 278824

Ion Ratio Lower Upper

117 100

82 62.4 47.5 71.3

119 32.7 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN083383.D

Acq: 19 Aug 2024 19:30

Tgt Ion:152 Resp: 125925

Ion Ratio Lower Upper

152 100

115 64.1 30.6 91.6

150 157.2 0.0 348.6

