

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081524\
 Data File : VN083331.D
 Acq On : 15 Aug 2024 15:11
 Operator : JC\MD
 Sample : P3620-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 920-J-WPO-0.25-081424

Quant Time: Aug 16 01:52:06 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)

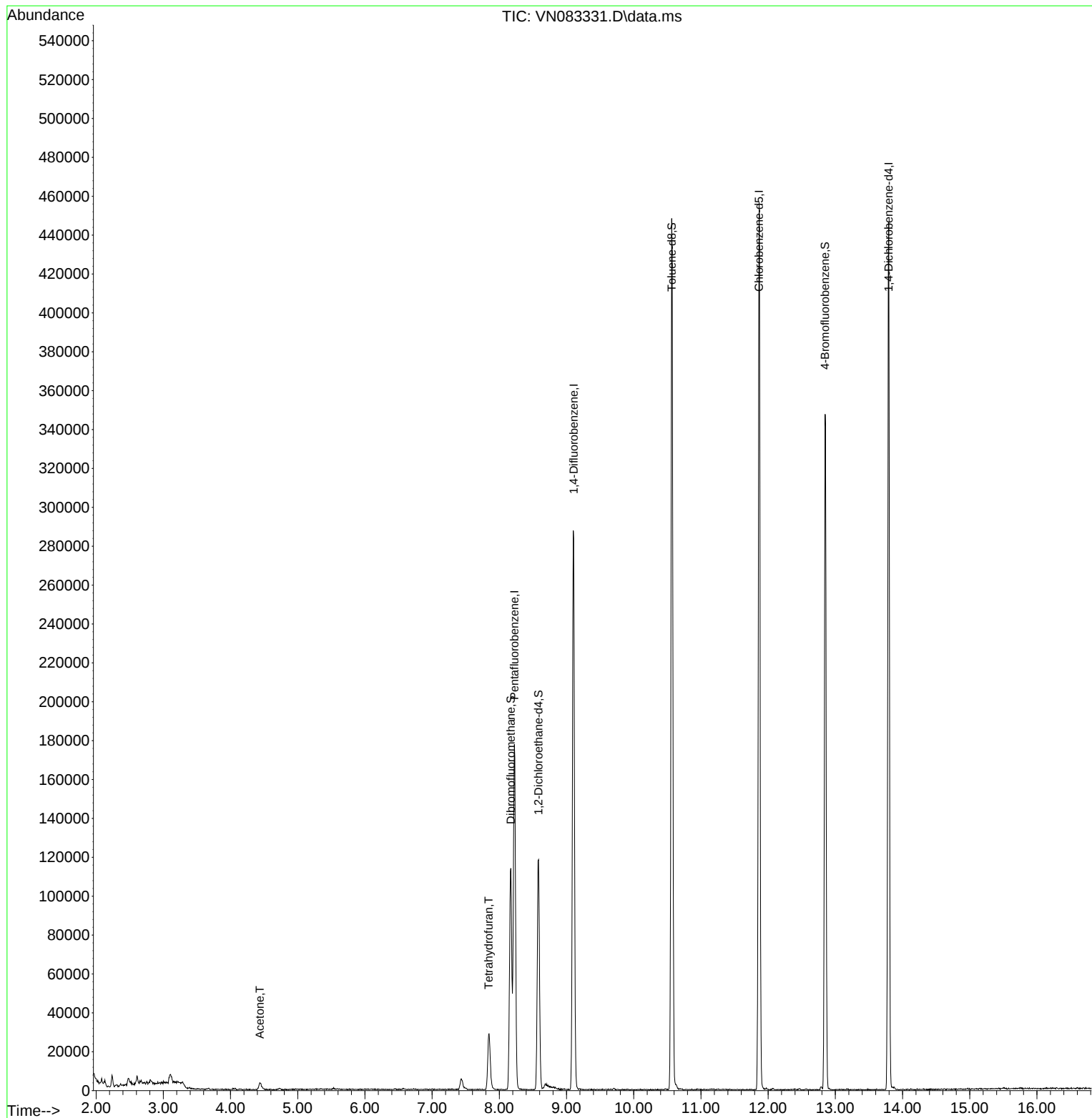
Internal Standards						
1) Pentafluorobenzene	8.224	168	124063	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	243725	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	255138	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	114799	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	103661	58.702	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	117.400%
35) Dibromofluoromethane	8.171	113	82034	53.924	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.840%
50) Toluene-d8	10.565	98	307673	54.218	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	108.440%
62) 4-Bromofluorobenzene	12.847	95	126756	57.295	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	114.600%
Target Compounds						
						Qvalue
16) Acetone	4.436	43	7163	10.366	ug/l	95
29) Tetrahydrofuran	7.841	42	23316	33.995	ug/l	89

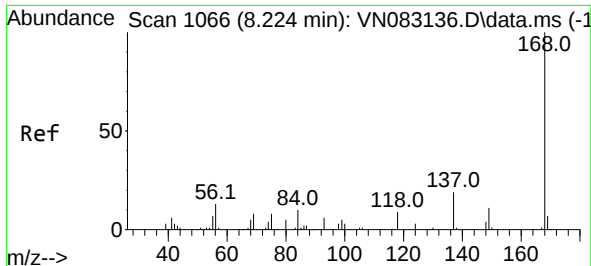
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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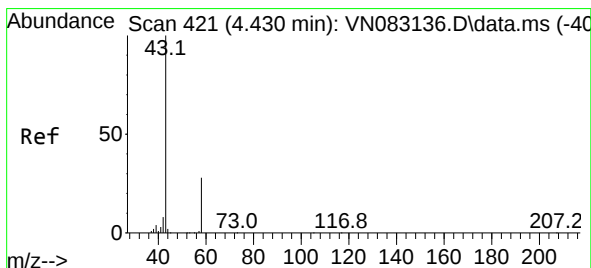
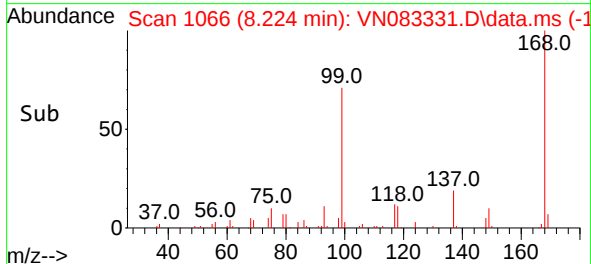
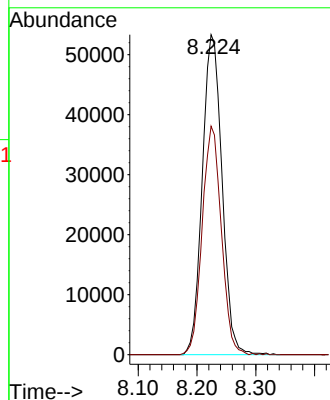
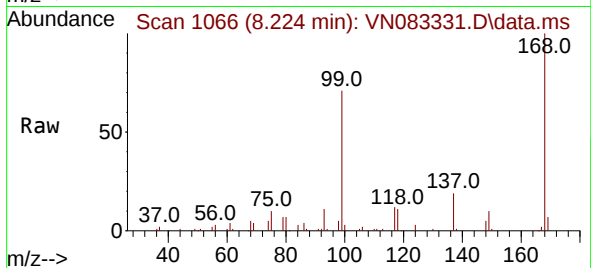




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083331.D
Acq: 15 Aug 2024 15:11

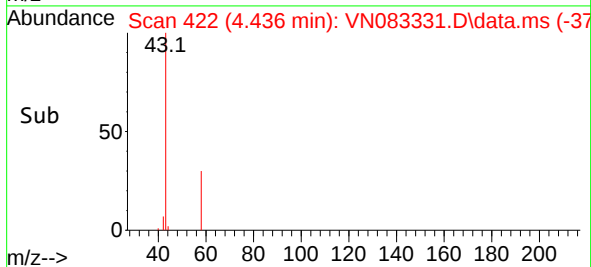
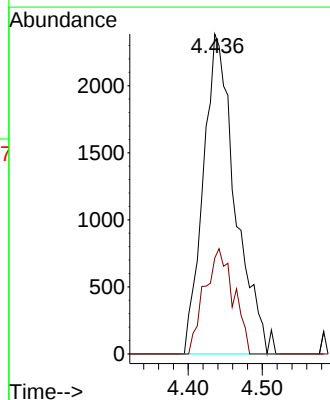
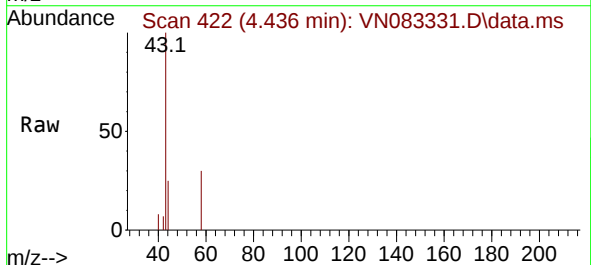
Instrument :
MSVOA_N
ClientSampleId :
920-J-WPO-0.25-081424

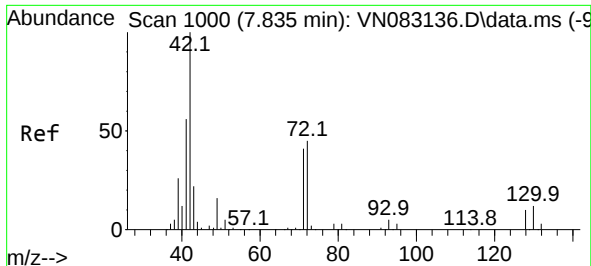
Tgt Ion:168 Resp: 124063
Ion Ratio Lower Upper
168 100
99 71.4 48.2 72.4



#16
Acetone
Concen: 10.366 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN083331.D
Acq: 15 Aug 2024 15:11

Tgt Ion: 43 Resp: 7163
Ion Ratio Lower Upper
43 100
58 30.0 21.8 32.6

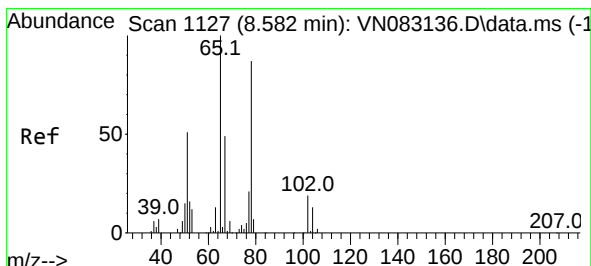
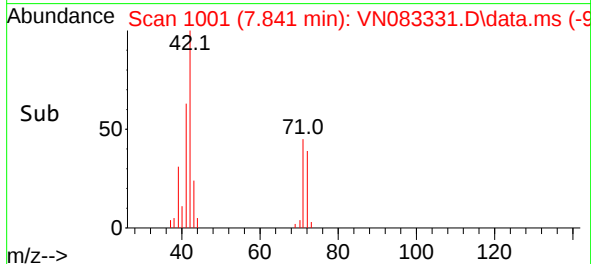
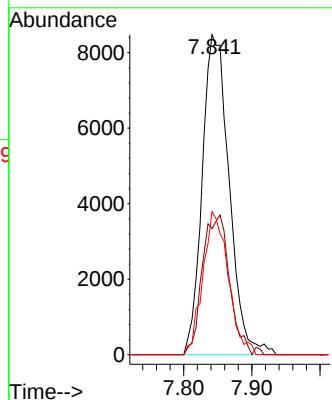
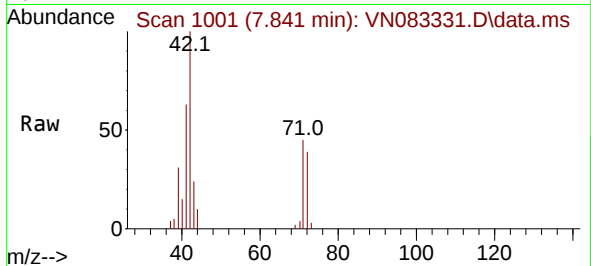




#29
Tetrahydrofuran
Concen: 33.995 ug/l
RT: 7.841 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN083331.D
Acq: 15 Aug 2024 15:11

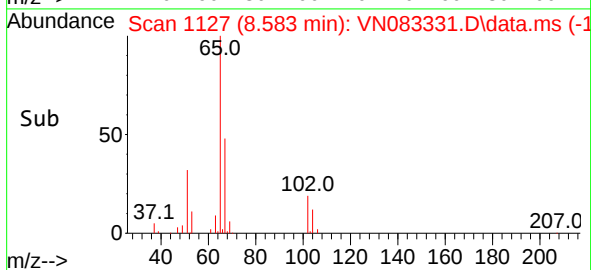
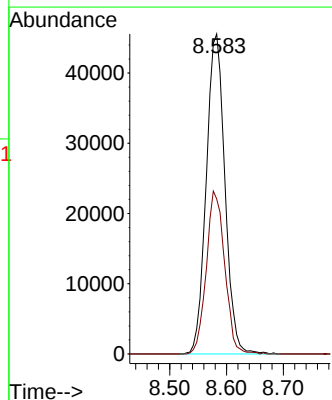
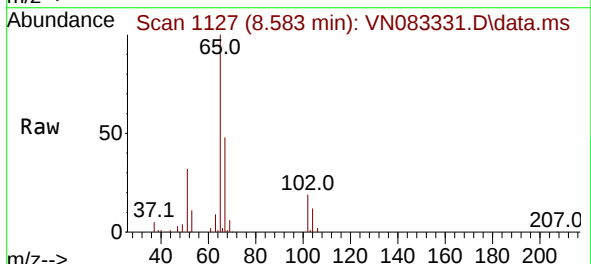
Instrument :
MSVOA_N
ClientSampleId :
920-J-WPO-0.25-081424

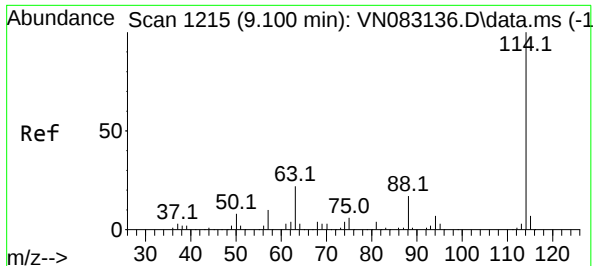
Tgt Ion: 42 Resp: 23316
Ion Ratio Lower Upper
42 100
72 43.7 30.0 45.0
71 42.2 28.3 42.5



#33
1,2-Dichloroethane-d4
Concen: 58.702 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN083331.D
Acq: 15 Aug 2024 15:11

Tgt Ion: 65 Resp: 103661
Ion Ratio Lower Upper
65 100
67 50.2 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN083331.D

Acq: 15 Aug 2024 15:11

Instrument :

MSVOA_N

ClientSampleId :

920-J-WPO-0.25-081424

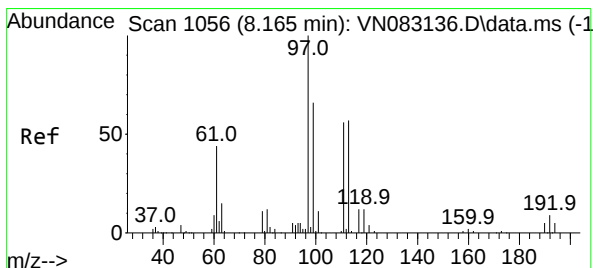
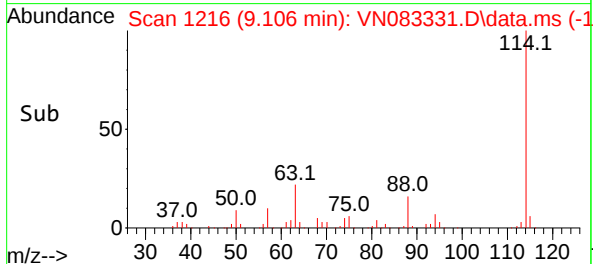
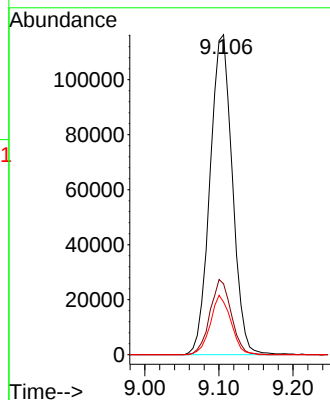
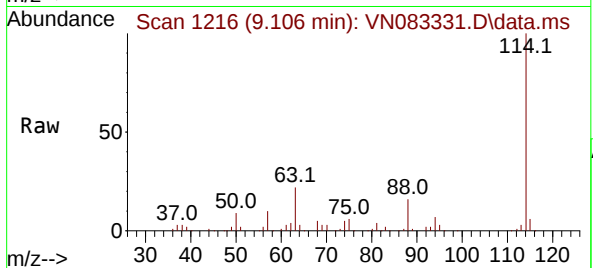
Tgt Ion:114 Resp: 243725

Ion Ratio Lower Upper

114 100

63 22.2 0.0 44.6

88 16.4 0.0 31.4



#35

Dibromofluoromethane

Concen: 53.924 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083331.D

Acq: 15 Aug 2024 15:11

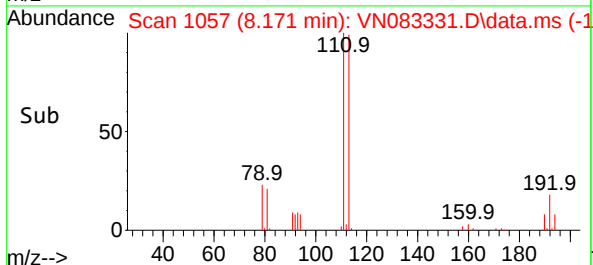
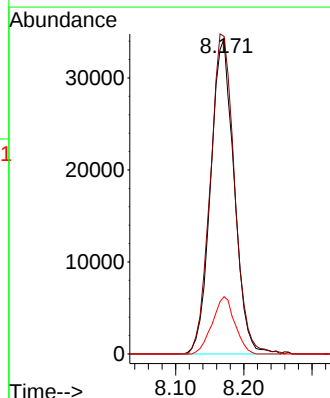
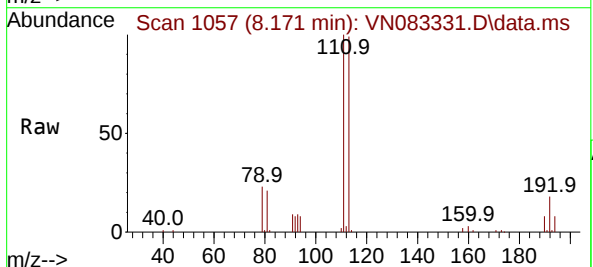
Tgt Ion:113 Resp: 82034

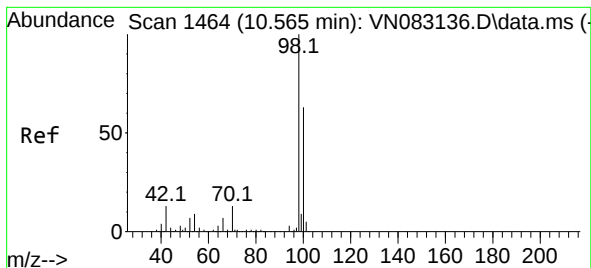
Ion Ratio Lower Upper

113 100

111 104.5 82.4 123.6

192 17.4 14.9 22.3





#50

Toluene-d8

Concen: 54.218 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083331.D

Acq: 15 Aug 2024 15:11

Instrument :

MSVOA_N

ClientSampleId :

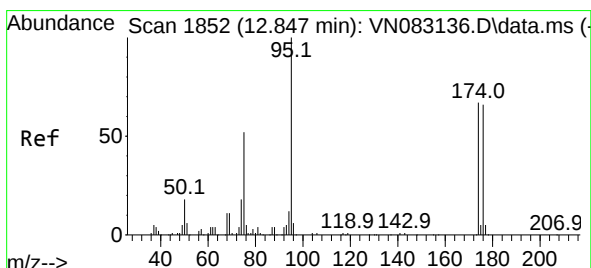
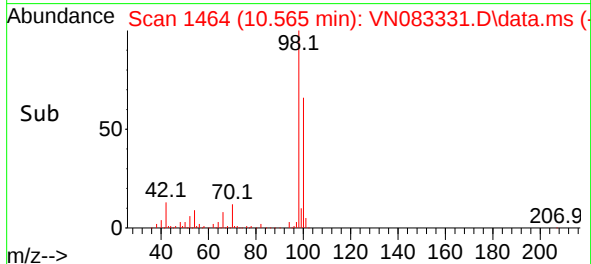
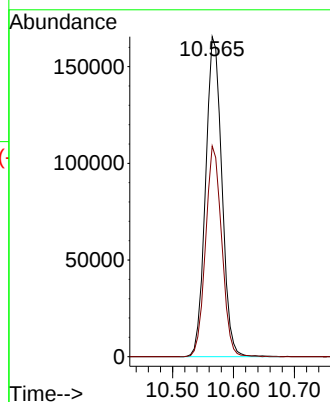
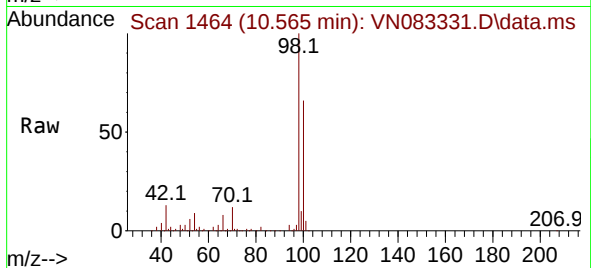
920-J-WPO-0.25-081424

Tgt Ion: 98 Resp: 307673

Ion Ratio Lower Upper

98 100

100 65.2 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 57.295 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN083331.D

Acq: 15 Aug 2024 15:11

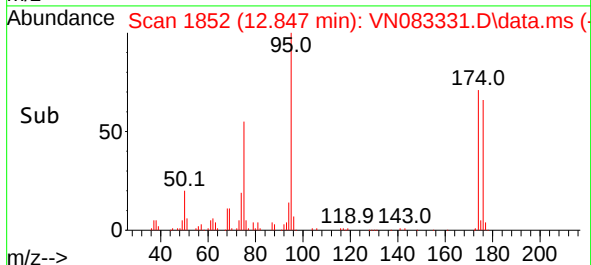
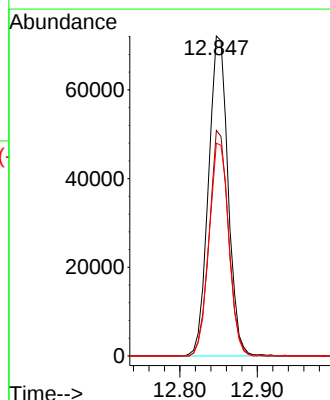
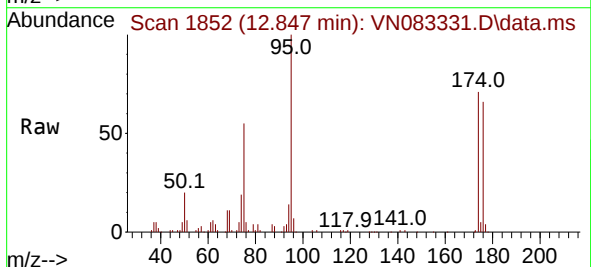
Tgt Ion: 95 Resp: 126756

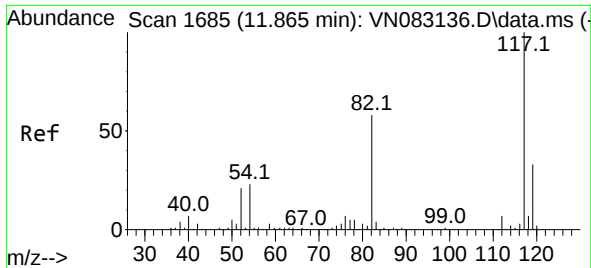
Ion Ratio Lower Upper

95 100

174 69.3 0.0 159.2

176 67.1 0.0 147.6

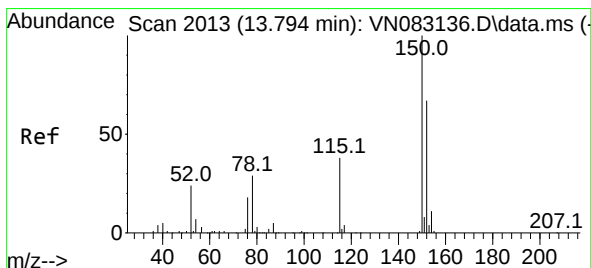
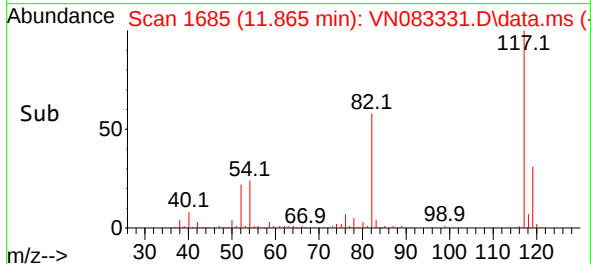
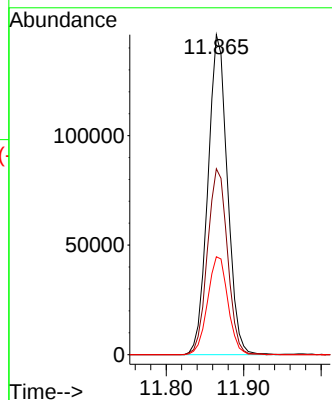
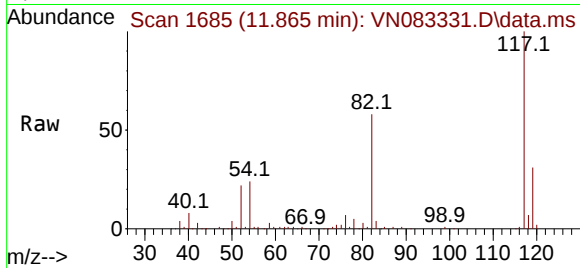




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083331.D
Acq: 15 Aug 2024 15:11

Instrument :
MSVOA_N
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Tgt Ion	Ratio	Lower	Upper
117	100		
82	58.1	47.5	71.3
119	30.6	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: VN083331.D
Acq: 15 Aug 2024 15:11

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.7	30.6	91.6
150	158.8	0.0	348.6

