

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081524\
 Data File : VN083330.D
 Acq On : 15 Aug 2024 14:47
 Operator : JC\MD
 Sample : P3620-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Aug 16 01:51:41 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)

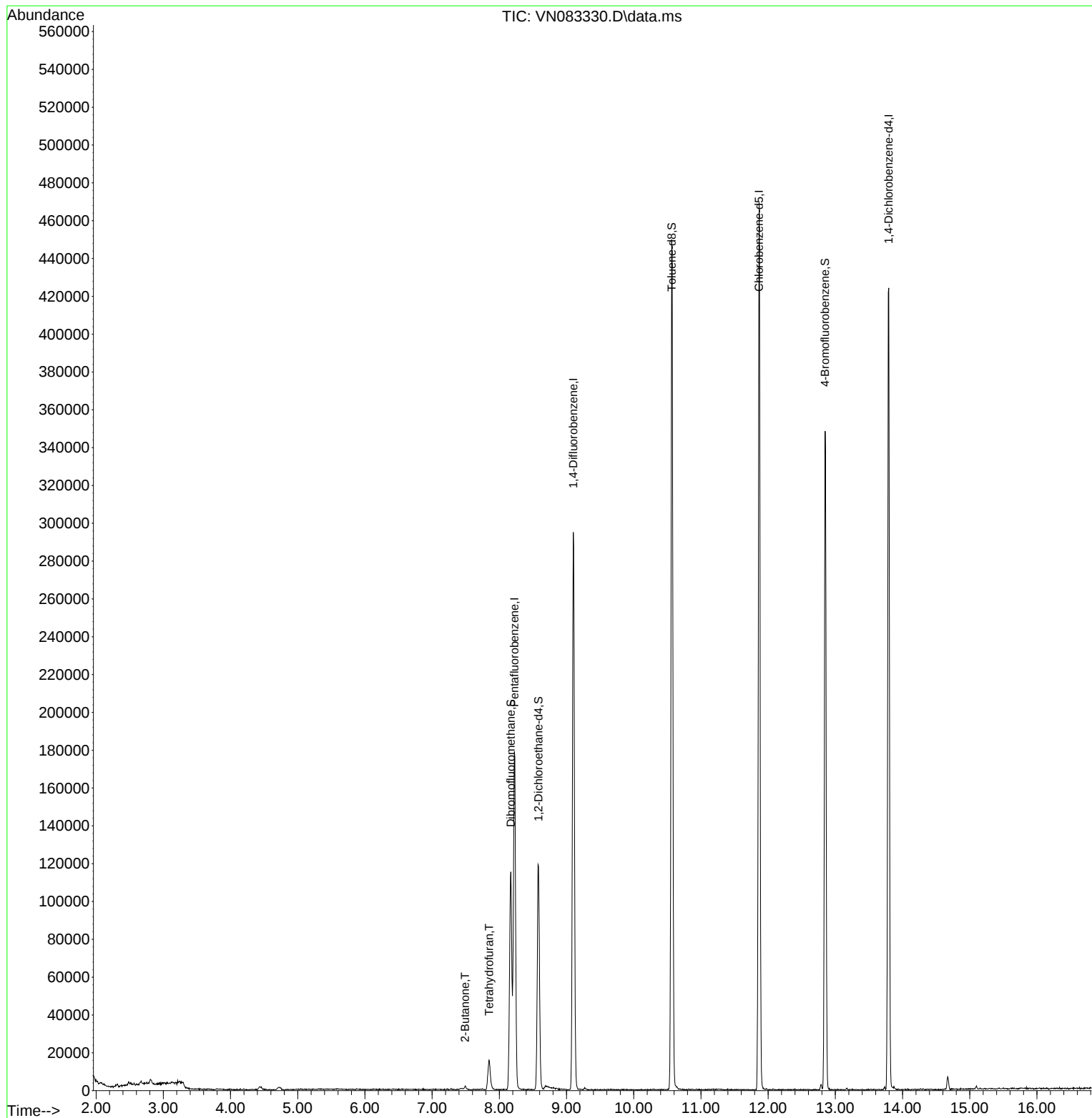
Internal Standards						
1) Pentafluorobenzene	8.224	168	125076	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	247756	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	257447	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	113139	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	104550	58.726	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 117.460%			
35) Dibromofluoromethane	8.171	113	83300	53.866	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.740%			
50) Toluene-d8	10.565	98	306251	53.089	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.180%			
62) 4-Bromofluorobenzene	12.847	95	126941	56.445	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 112.900%			
Target Compounds						
25) 2-Butanone	7.489	43	2465	2.304	ug/l	91
29) Tetrahydrofuran	7.847	42	12458	18.017	ug/l	90

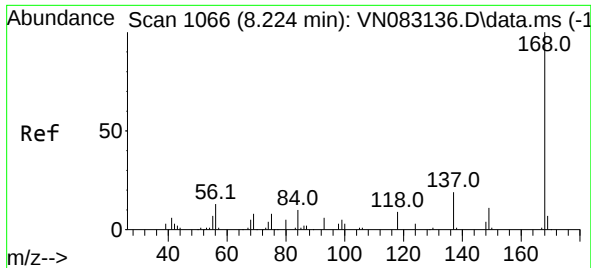
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081524\
Data File : VN083330.D
Acq On : 15 Aug 2024 14:47
Operator : JC\MD
Sample : P3620-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Aug 16 01:51:41 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

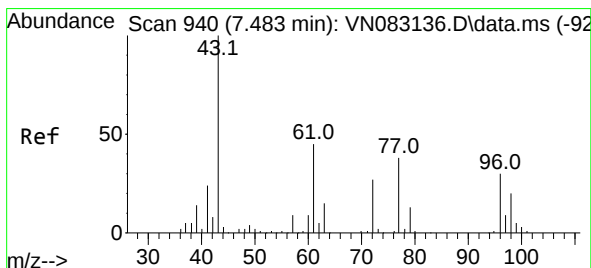
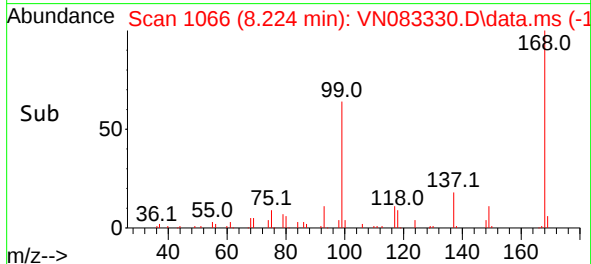
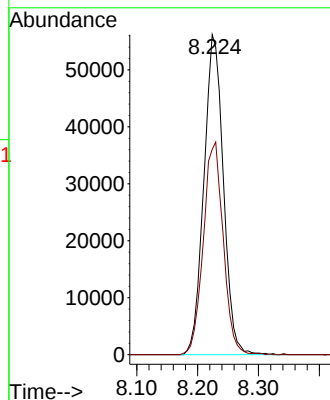
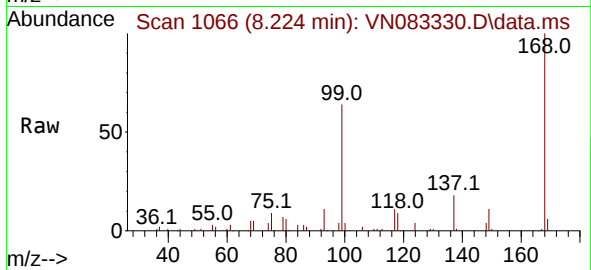




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083330.D
Acq: 15 Aug 2024 14:47

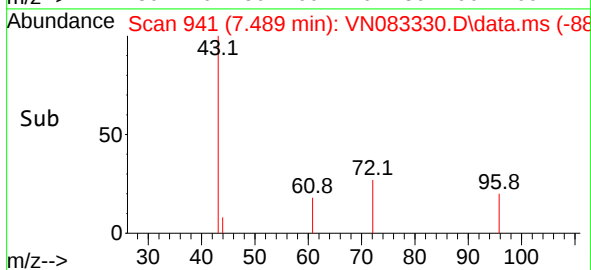
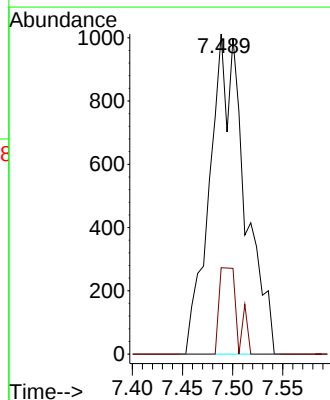
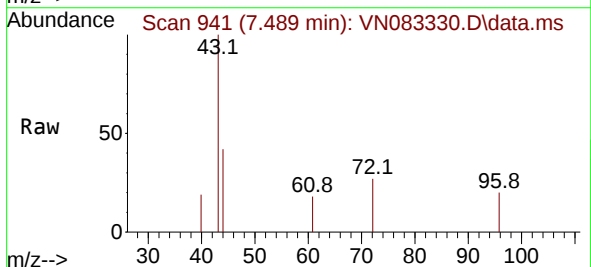
Instrument :
MSVOA_N
ClientSampleId :
915-J-WPO-0.25-081424

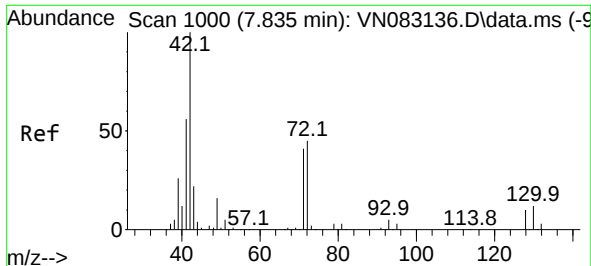
Tgt Ion:168 Resp: 125076
Ion Ratio Lower Upper
168 100
99 64.2 48.2 72.4



#25
2-Butanone
Concen: 2.304 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083330.D
Acq: 15 Aug 2024 14:47

Tgt Ion: 43 Resp: 2465
Ion Ratio Lower Upper
43 100
72 27.0 18.2 27.2





#29

Tetrahydrofuran

Concen: 18.017 ug/l

RT: 7.847 min Scan# 1000

Delta R.T. 0.012 min

Lab File: VN083330.D

Acq: 15 Aug 2024 14:47

Instrument :

MSVOA_N

ClientSampleId :

915-J-WPO-0.25-081424

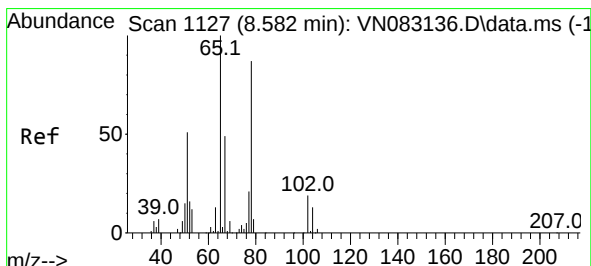
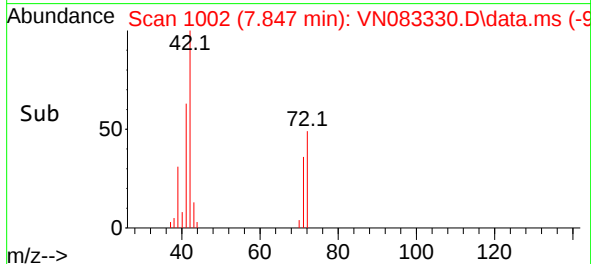
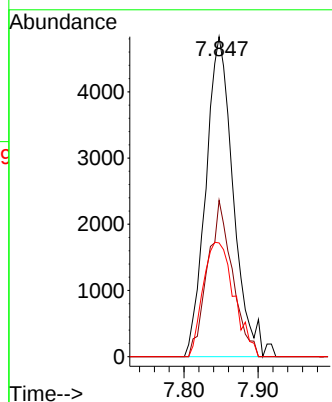
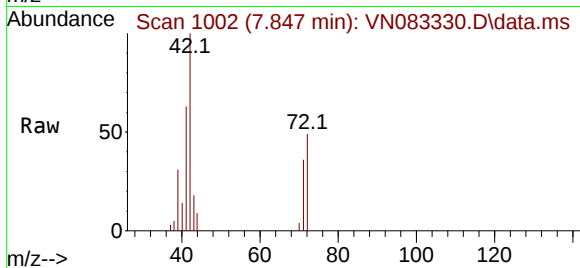
Tgt Ion: 42 Resp: 12458

Ion Ratio Lower Upper

42 100

72 44.1 30.0 45.0

71 40.1 28.3 42.5



#33

1,2-Dichloroethane-d4

Concen: 58.726 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.001 min

Lab File: VN083330.D

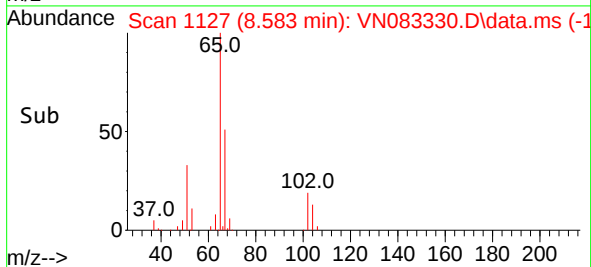
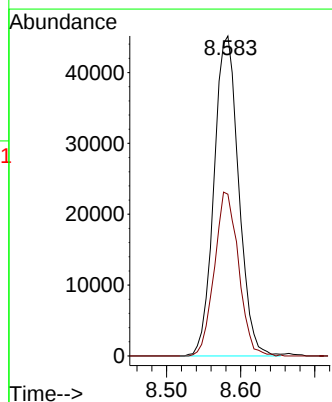
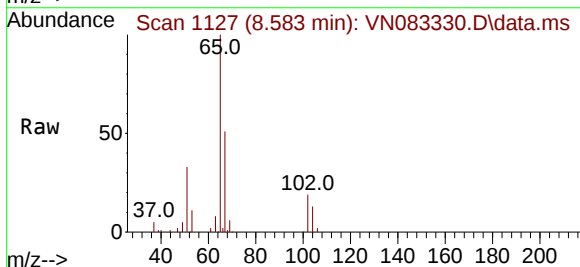
Acq: 15 Aug 2024 14:47

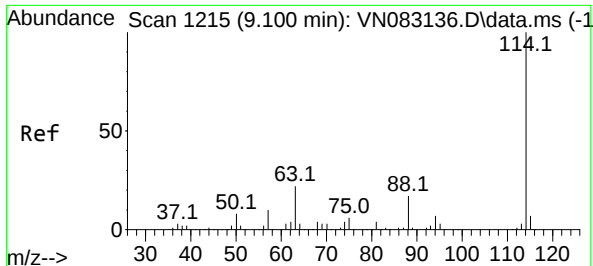
Tgt Ion: 65 Resp: 104550

Ion Ratio Lower Upper

65 100

67 50.1 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: VN083330.D

Acq: 15 Aug 2024 14:47

Instrument :

MSVOA_N

ClientSampleId :

915-J-WPO-0.25-081424

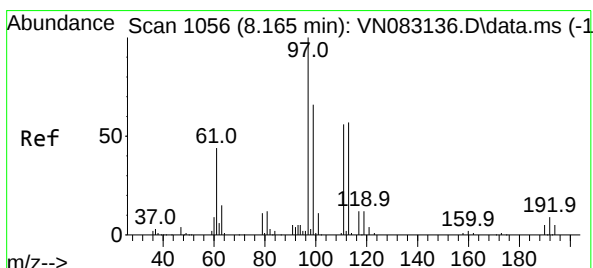
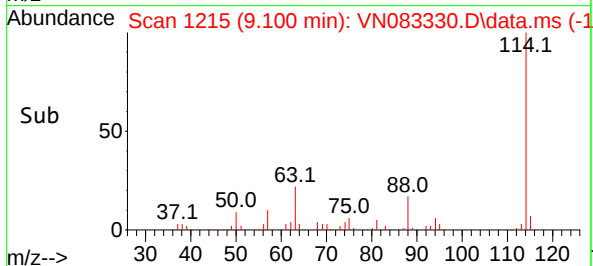
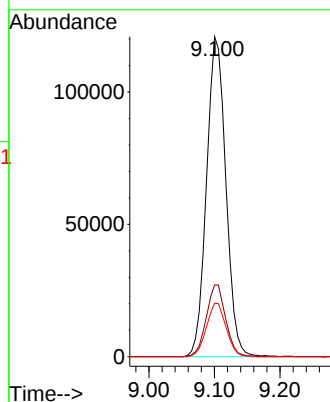
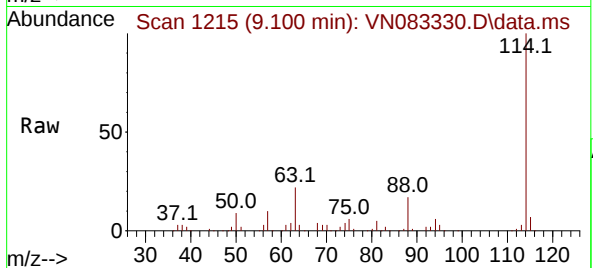
Tgt Ion:114 Resp: 247756

Ion Ratio Lower Upper

114 100

63 22.4 0.0 44.6

88 16.7 0.0 31.4



#35

Dibromofluoromethane

Concen: 53.866 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083330.D

Acq: 15 Aug 2024 14:47

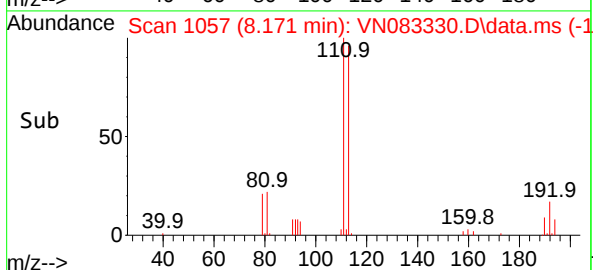
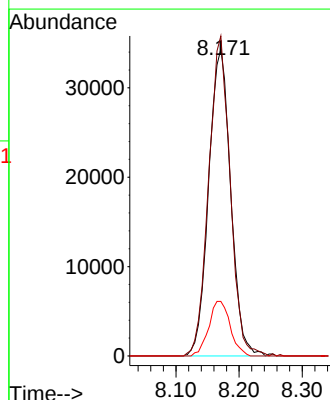
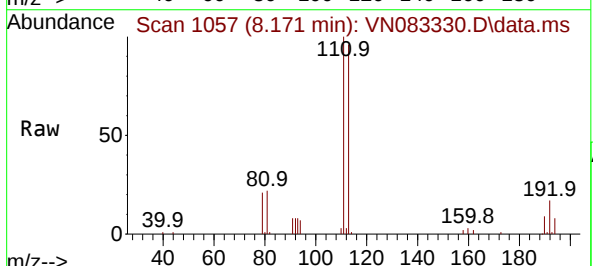
Tgt Ion:113 Resp: 83300

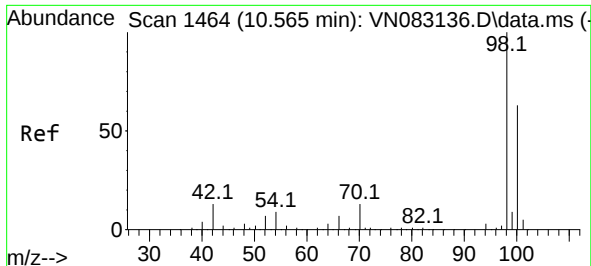
Ion Ratio Lower Upper

113 100

111 101.3 82.4 123.6

192 17.3 14.9 22.3

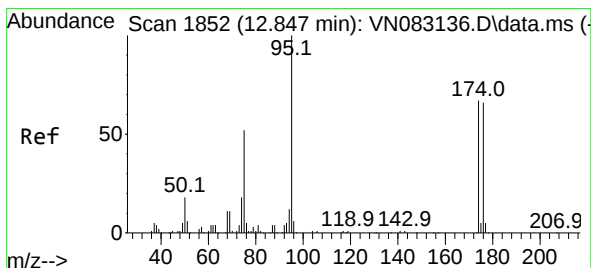
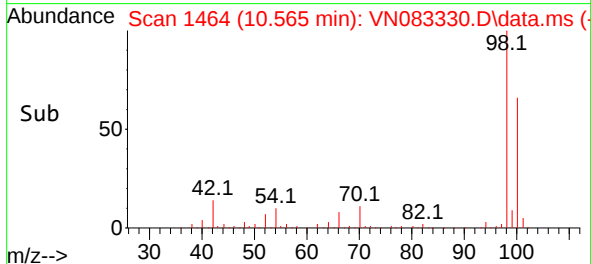
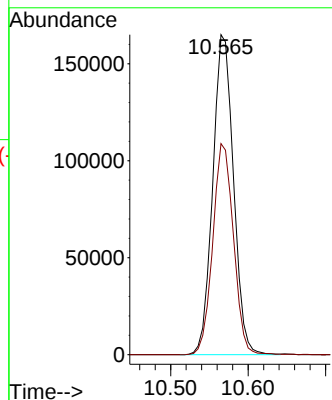
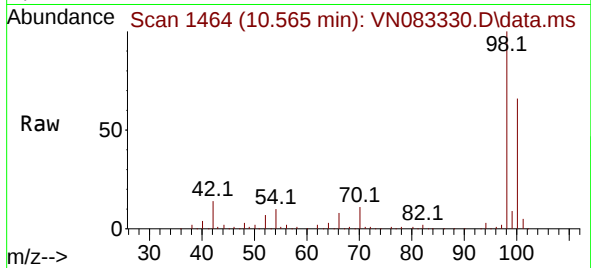




#50
Toluene-d8
Concen: 53.089 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083330.D
Acq: 15 Aug 2024 14:47

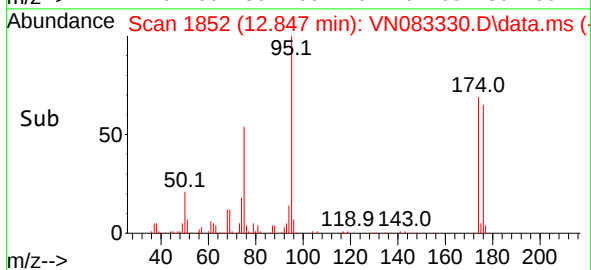
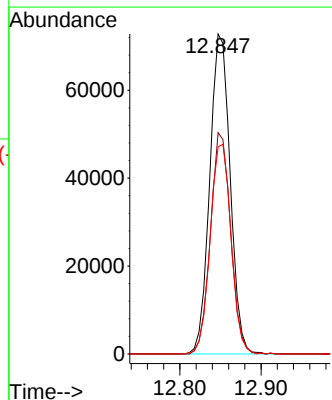
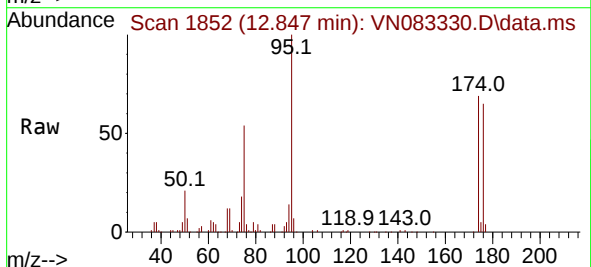
Instrument :
MSVOA_N
ClientSampleId :
915-J-WPO-0.25-081424

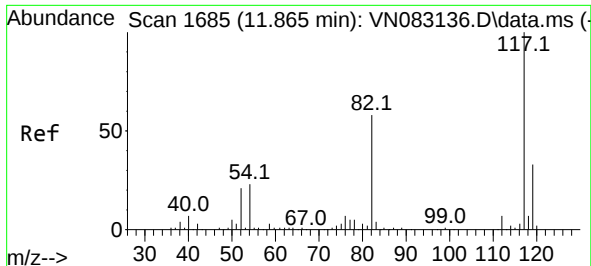
Tgt Ion: 98 Resp: 306251
Ion Ratio Lower Upper
98 100
100 65.9 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 56.445 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083330.D
Acq: 15 Aug 2024 14:47

Tgt Ion: 95 Resp: 126941
Ion Ratio Lower Upper
95 100
174 68.5 0.0 159.2
176 67.0 0.0 147.6

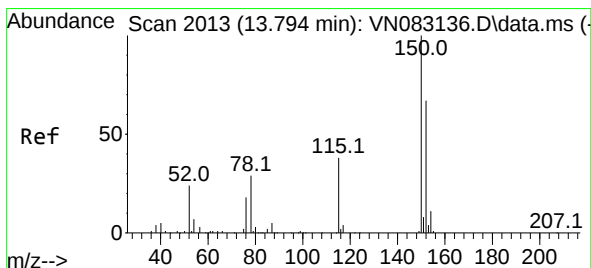
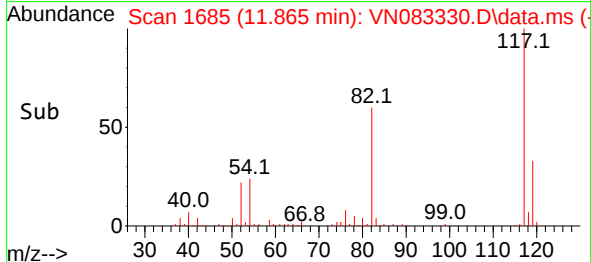
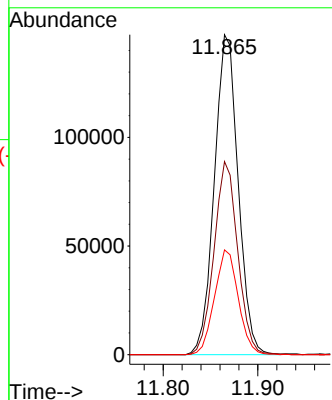
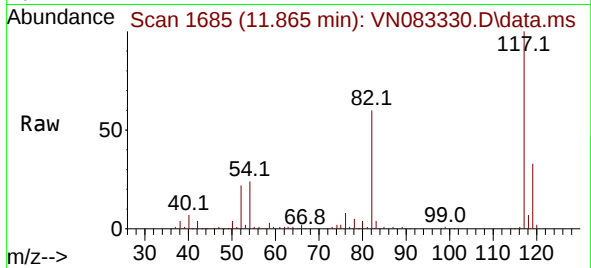




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083330.D
Acq: 15 Aug 2024 14:47

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

Tgt Ion:117 Resp: 257447
Ion Ratio Lower Upper
117 100
82 60.4 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: VN083330.D
Acq: 15 Aug 2024 14:47

Tgt Ion:152 Resp: 113139
Ion Ratio Lower Upper
152 100
115 64.8 30.6 91.6
150 155.7 0.0 348.6

