

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)

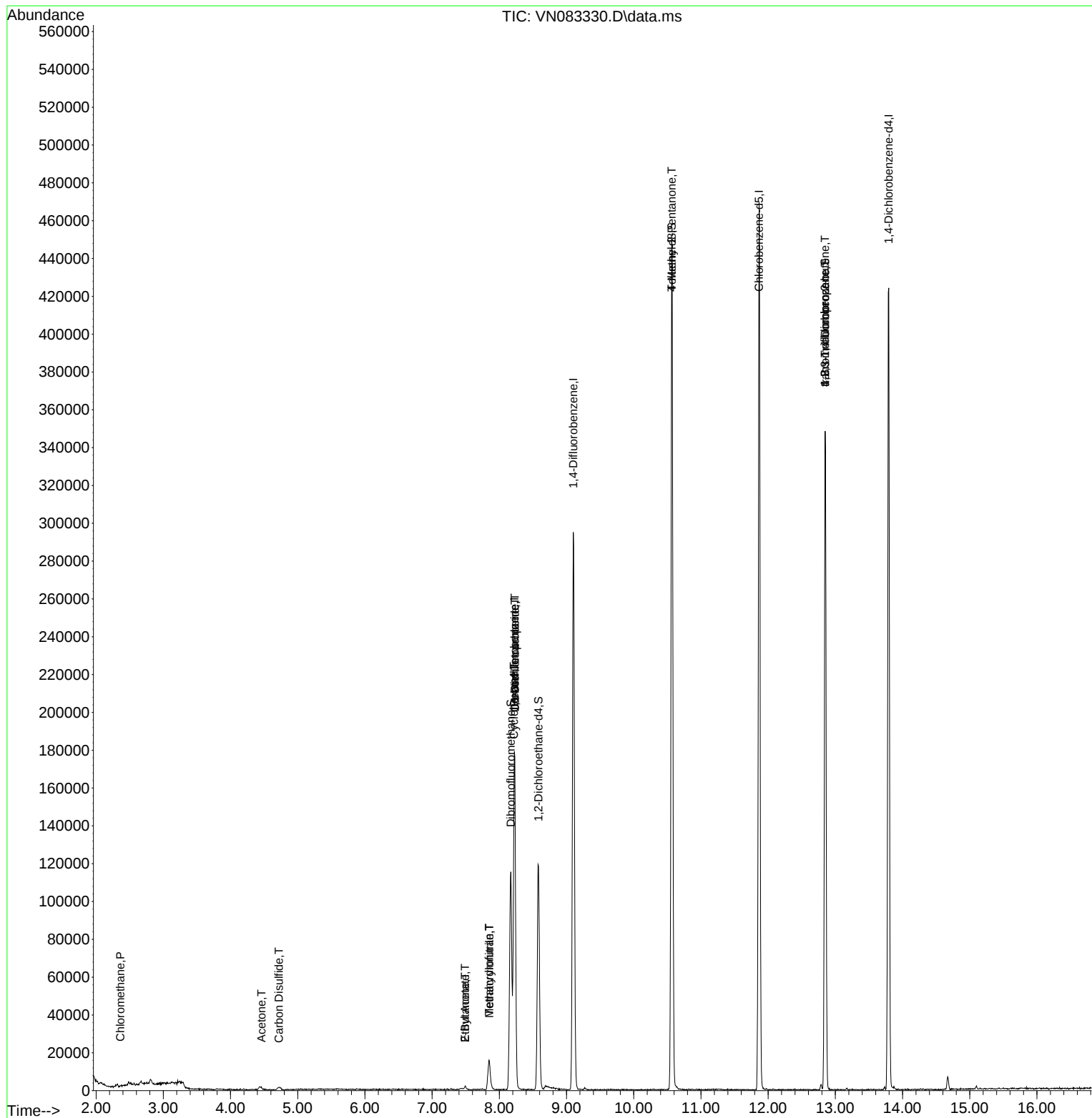
Internal Standards						
1) Pentafluorobenzene	8.224	168	125076	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	247756	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	257447	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	113139	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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						Qvalue
3) Chloromethane	2.359	50	390	0.269	ug/l #	43
16) Acetone	4.459	43	3005	4.314	ug/l #	89
17) Carbon Disulfide	4.718	76	1433	0.353	ug/l #	75
25) 2-Butanone	7.489	43	2465	2.304	ug/l	91
29) Tetrahydrofuran	7.847	42	12458	18.017	ug/l	90
31) Cyclohexane	8.218	56	3093	1.172	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	11770	5.031	ug/l #	51
37) Ethyl Acetate	7.489	43	2465	0.941	ug/l #	84
38) Carbon Tetrachloride	8.230	117	14466	5.490	ug/l #	17
41) Methacrylonitrile	7.853	41	7510	5.043	ug/l #	50
43) Isopropyl Acetate	8.683	43	1242	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.565	43	1630	0.658	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	69805	28.112	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	69805	61.150	ug/l #	6

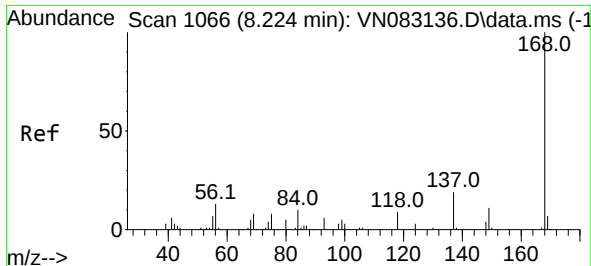
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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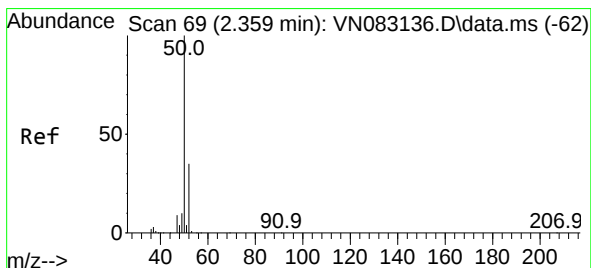
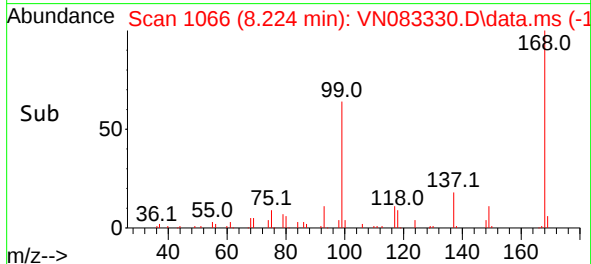
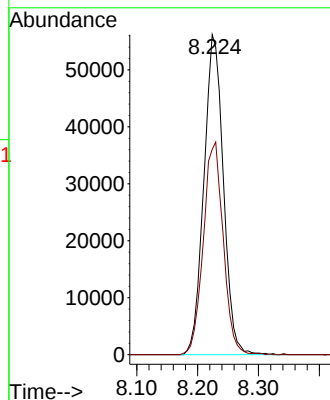
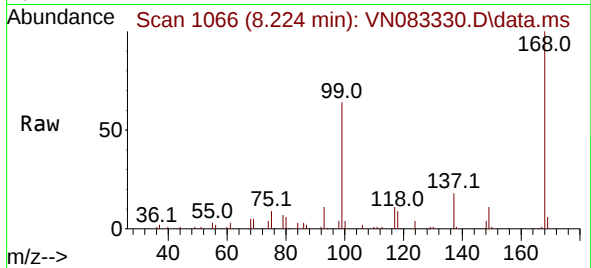




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083330.D
Acq: 15 Aug 2024 14:47

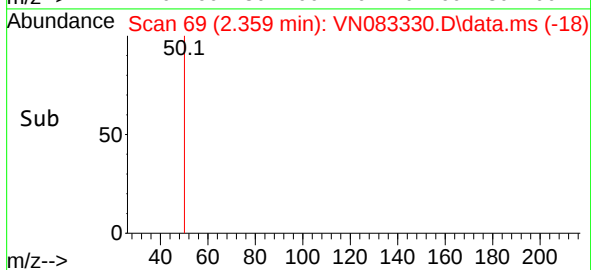
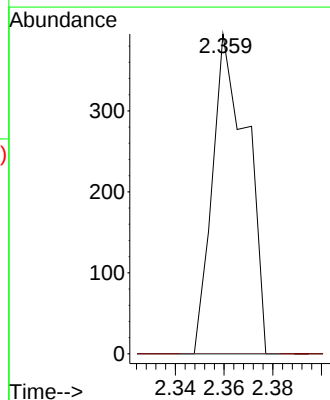
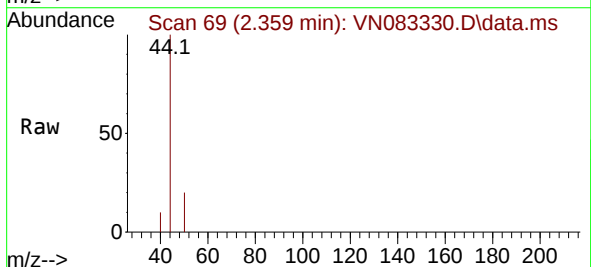
Instrument :
MSVOA_N
ClientSampleId :
915-J-WPO-0.25-081424

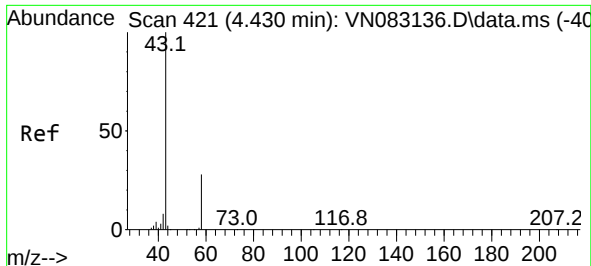
Tgt Ion:168 Resp: 125076
Ion Ratio Lower Upper
168 100
99 64.2 48.2 72.4



#3
Chloromethane
Concen: 0.269 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083330.D
Acq: 15 Aug 2024 14:47

Tgt Ion: 50 Resp: 390
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

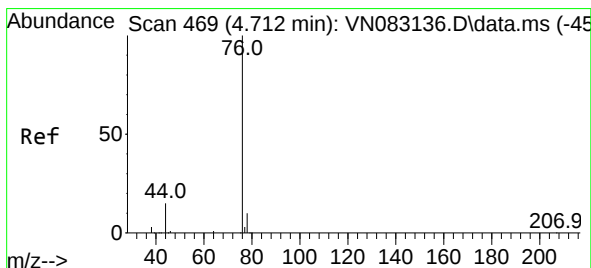
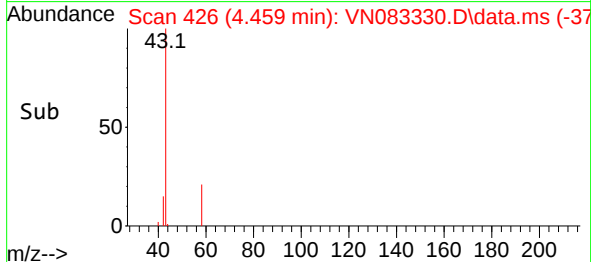
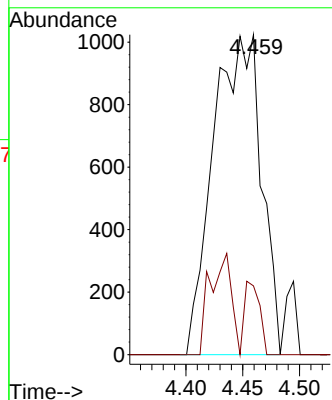
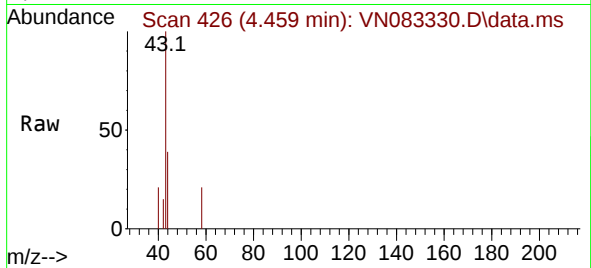




#16
Acetone
Concen: 4.314 ug/l
RT: 4.459 min Scan# 41
Delta R.T. 0.030 min
Lab File: VN083330.D
Acq: 15 Aug 2024 14:47

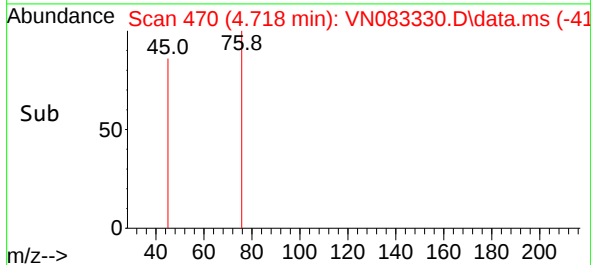
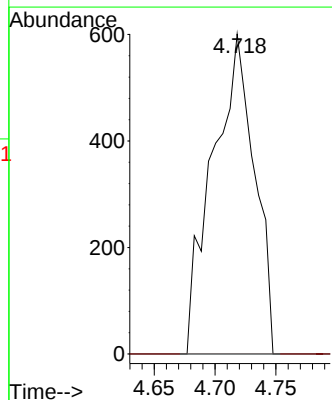
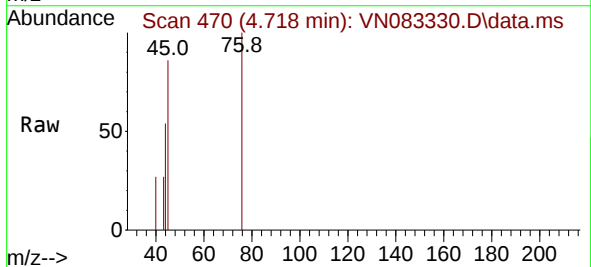
Instrument :
MSVOA_N
ClientSampleId :
915-J-WPO-0.25-081424

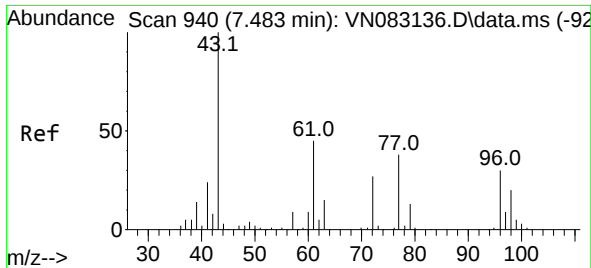
Tgt Ion: 43 Resp: 3005
Ion Ratio Lower Upper
43 100
58 21.5 21.8 32.6#



#17
Carbon Disulfide
Concen: 0.353 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.006 min
Lab File: VN083330.D
Acq: 15 Aug 2024 14:47

Tgt Ion: 76 Resp: 1433
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

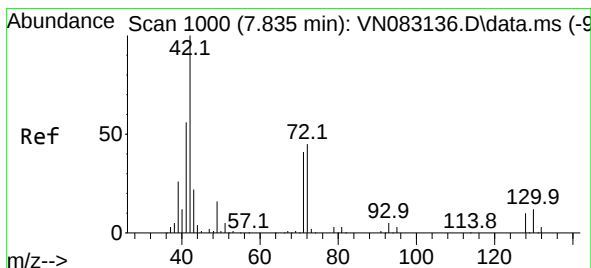
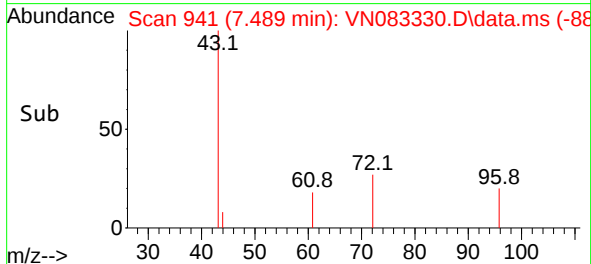
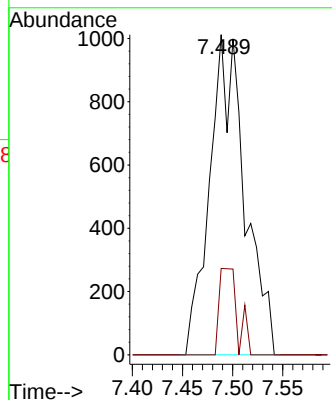
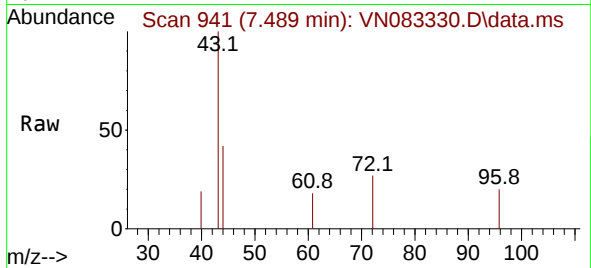




#25
2-Butanone
Concen: 2.304 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083330.D
Acq: 15 Aug 2024 14:47

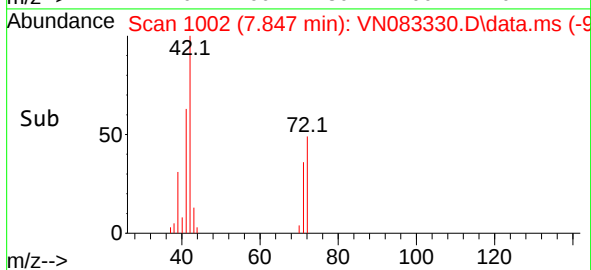
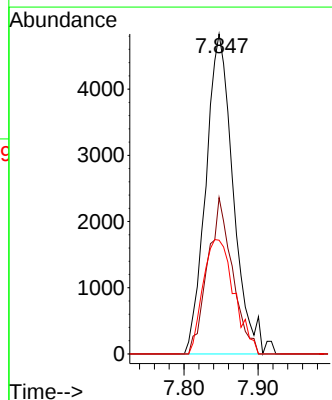
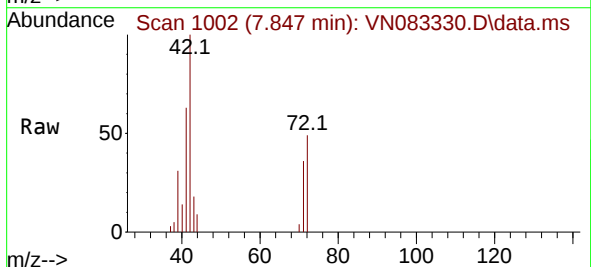
Instrument :
MSVOA_N
ClientSampleId :
915-J-WPO-0.25-081424

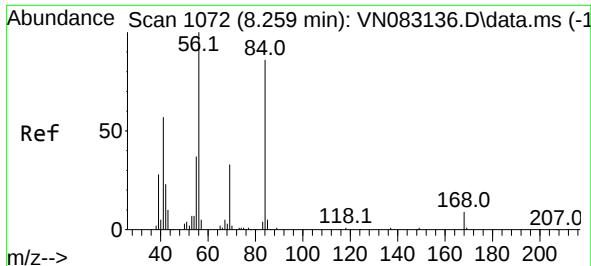
Tgt Ion: 43 Resp: 2465
Ion Ratio Lower Upper
43 100
72 27.0 18.2 27.2



#29
Tetrahydrofuran
Concen: 18.017 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.012 min
Lab File: VN083330.D
Acq: 15 Aug 2024 14:47

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

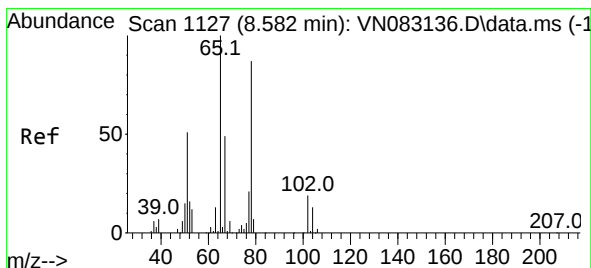
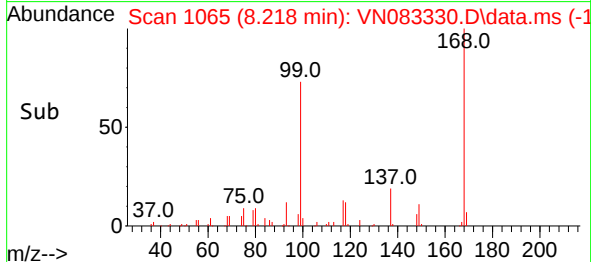
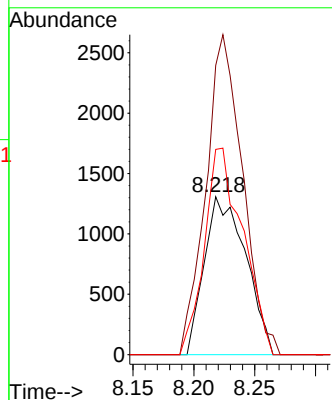
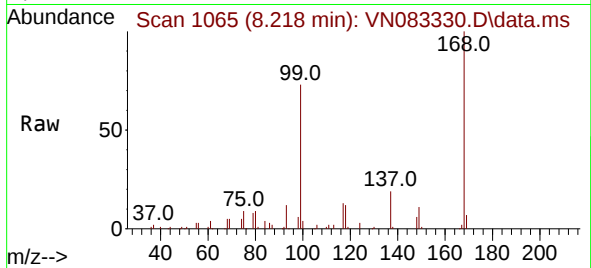




#31
Cyclohexane
Concen: 1.172 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN083330.D
Acq: 15 Aug 2024 14:47

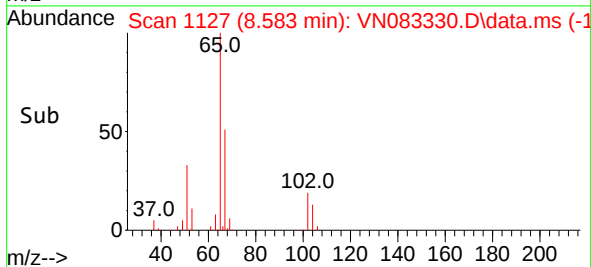
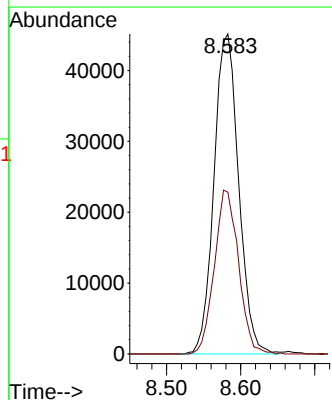
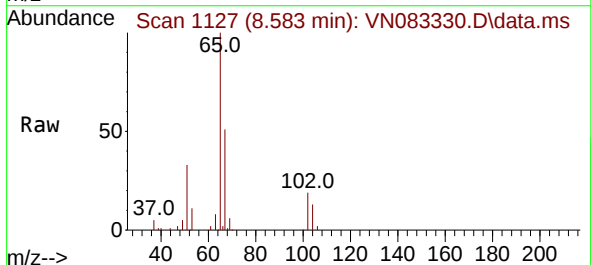
Instrument :
MSVOA_N
ClientSampleId :
915-J-WPO-0.25-081424

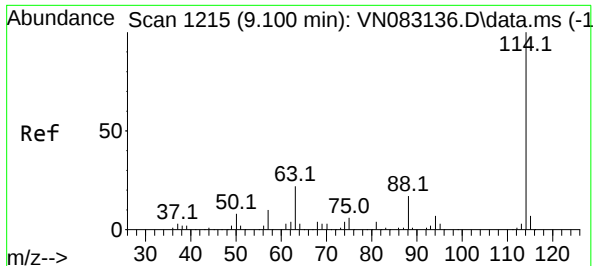
Tgt Ion: 56 Resp: 3093
Ion Ratio Lower Upper
56 100
69 183.2 24.5 36.7#
84 130.1 66.0 99.0#



#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

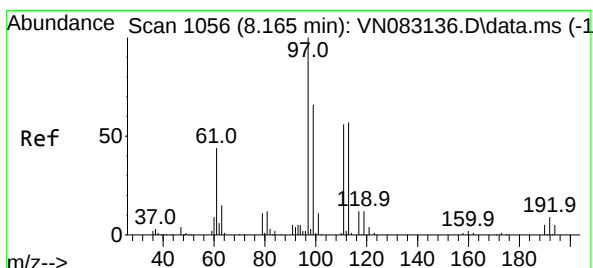
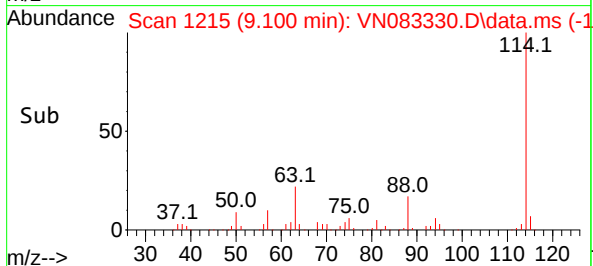
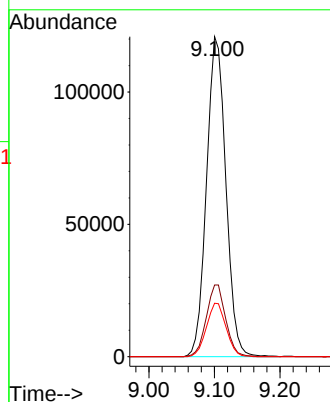
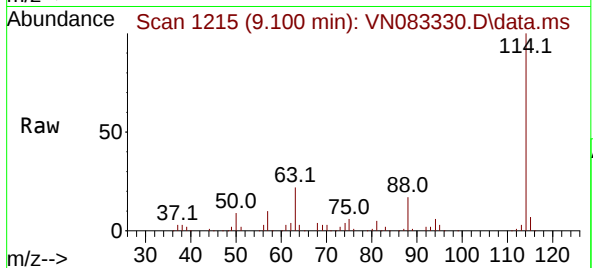
Tgt Ion:114 Resp: 247756

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

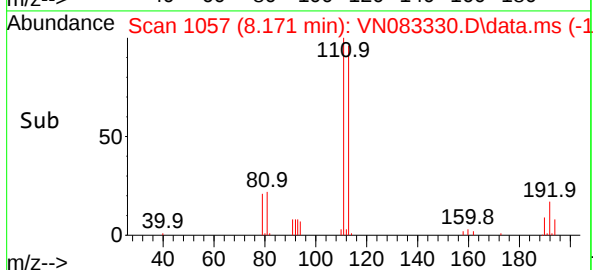
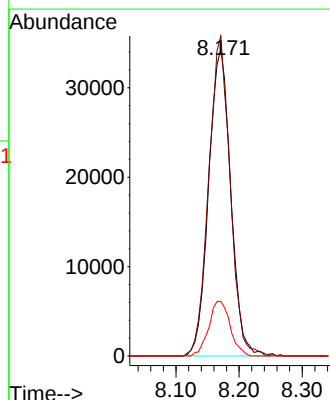
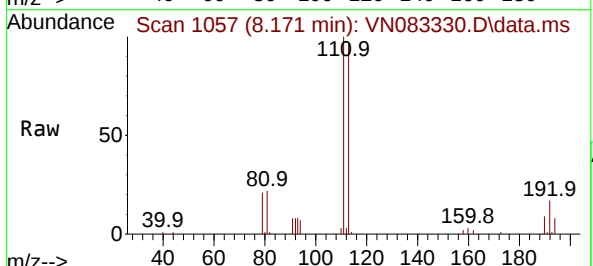
Tgt Ion:113 Resp: 83300

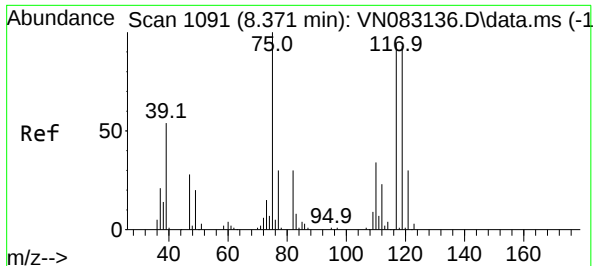
Ion Ratio Lower Upper

113 100

111 101.3 82.4 123.6

192 17.3 14.9 22.3





#36

1,1-Dichloropropene

Concen: 5.031 ug/l

RT: 8.230 min Scan# 1091

Delta R.T. -0.141 min

Lab File: VN083330.D

Acq: 15 Aug 2024 14:47

Instrument :

MSVOA_N

ClientSampleId :

915-J-WPO-0.25-081424

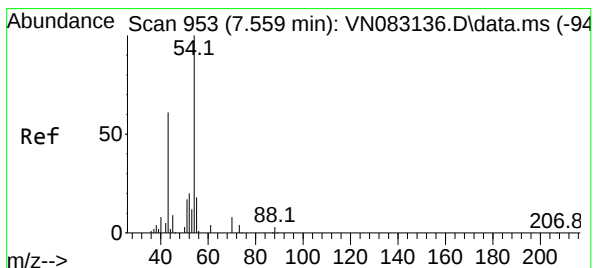
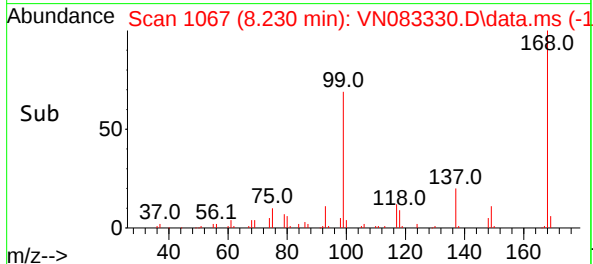
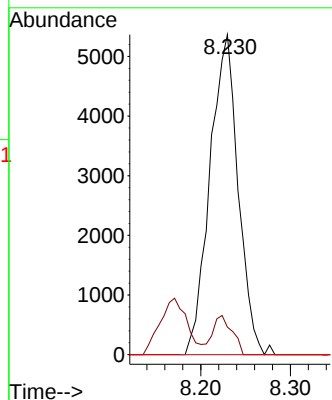
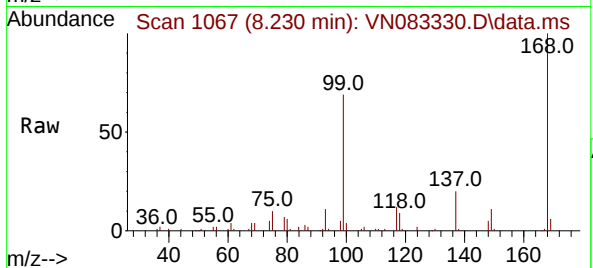
Tgt Ion: 75 Resp: 11770

Ion Ratio Lower Upper

75 100

110 8.6 16.3 48.9#

77 0.0 24.6 37.0#



#37

Ethyl Acetate

Concen: 0.941 ug/l

RT: 7.489 min Scan# 941

Delta R.T. -0.070 min

Lab File: VN083330.D

Acq: 15 Aug 2024 14:47

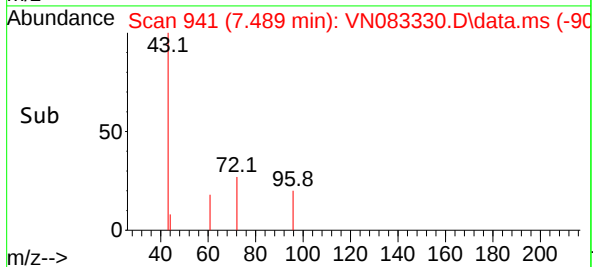
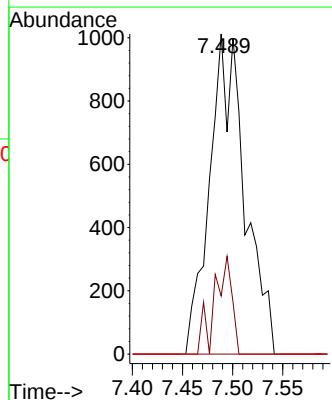
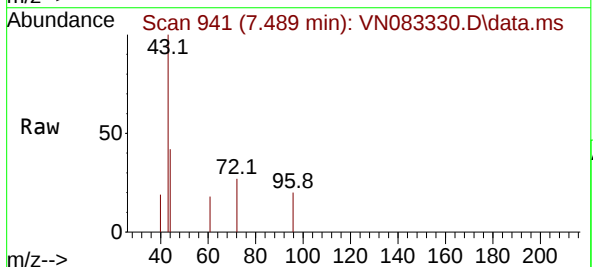
Tgt Ion: 43 Resp: 2465

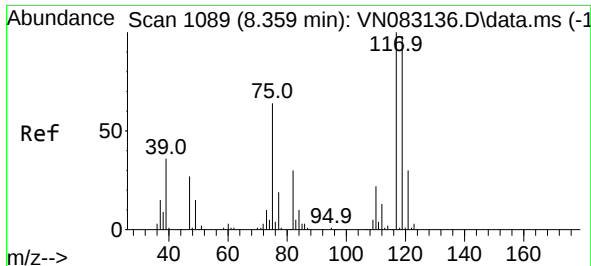
Ion Ratio Lower Upper

43 100

61 15.4 9.3 13.9#

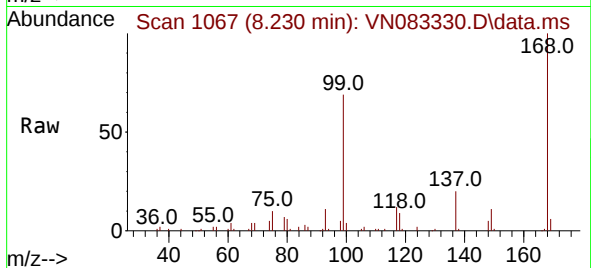
70 0.0 7.0 10.6#



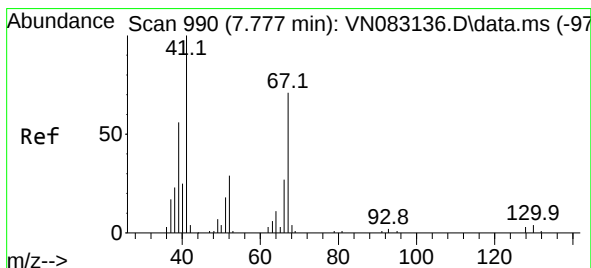
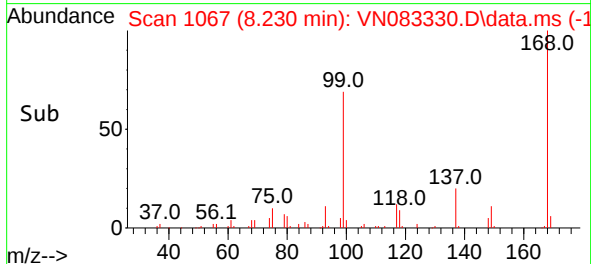
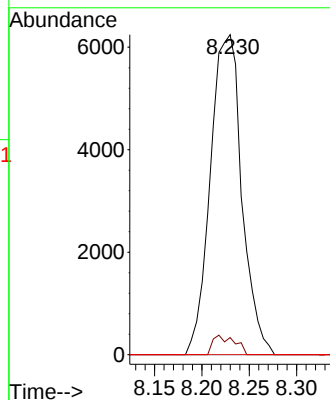


#38
Carbon Tetrachloride
Concen: 5.490 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.129 min
Lab File: VN083330.D
Acq: 15 Aug 2024 14:47

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

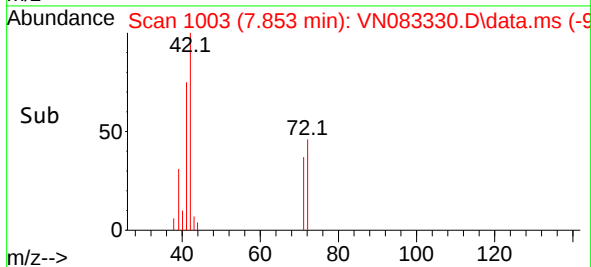
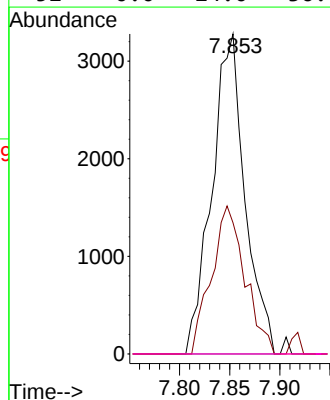
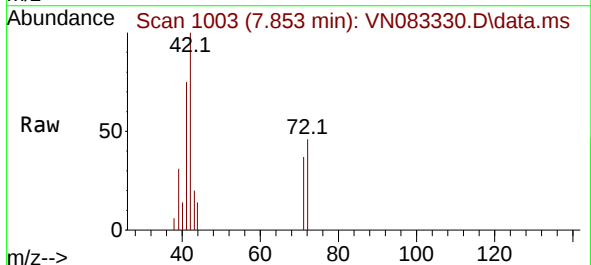


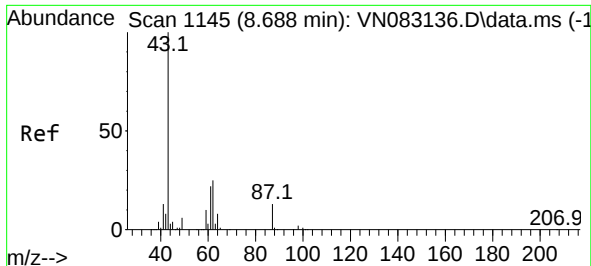
Tgt Ion: 117 Resp: 14466
Ion Ratio Lower Upper
117 100
119 5.3 74.9 112.3#
121 0.0 24.3 36.5#



#41
Methacrylonitrile
Concen: 5.043 ug/l
RT: 7.853 min Scan# 1003
Delta R.T. 0.077 min
Lab File: VN083330.D
Acq: 15 Aug 2024 14:47

Tgt Ion: 41 Resp: 7510
Ion Ratio Lower Upper
41 100
39 47.0 45.5 68.3
67 0.0 50.5 75.7#
52 0.0 24.0 36.0#

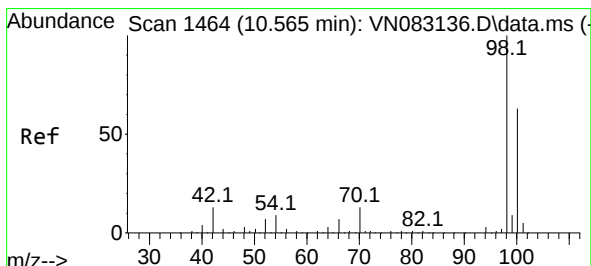
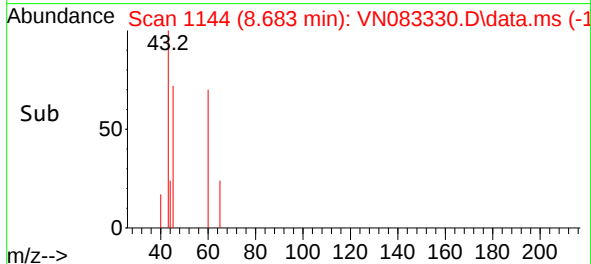
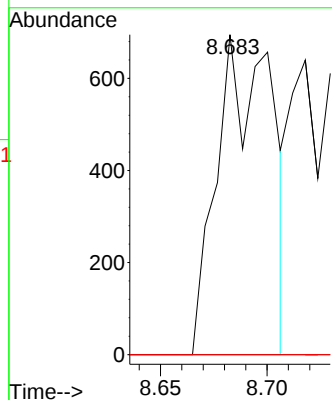
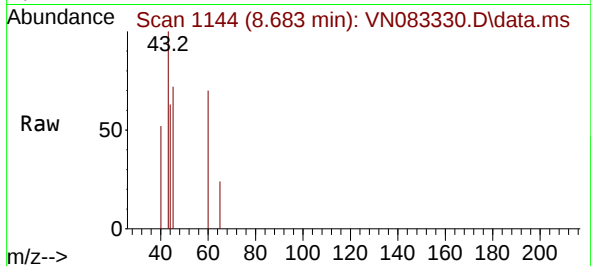




#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.683 min Scan# 1145
Delta R.T. -0.005 min
Lab File: VN083330.D
Acq: 15 Aug 2024 14:47

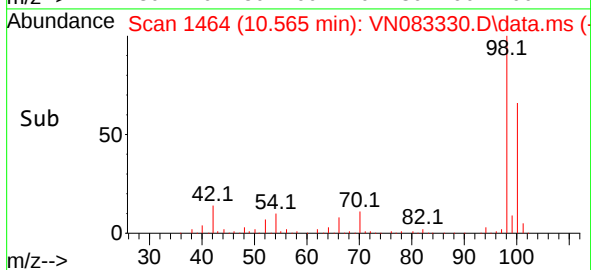
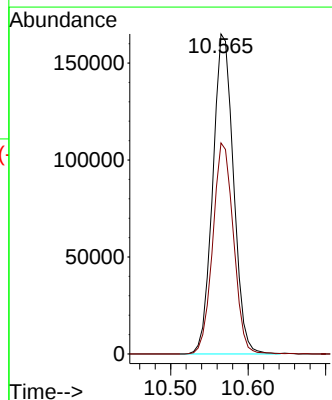
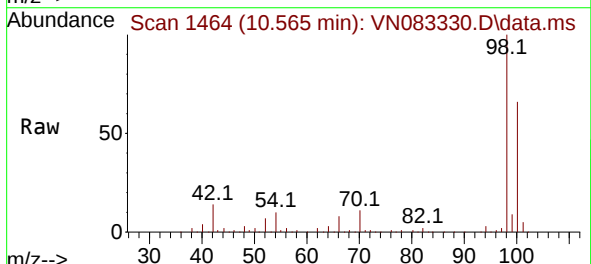
Instrument :
MSVOA_N
ClientSampleId :
915-J-WPO-0.25-081424

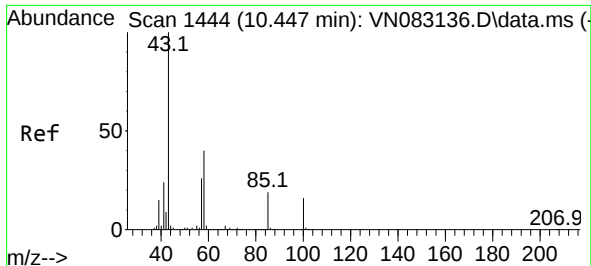
Tgt Ion: 43 Resp: 1242
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#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

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

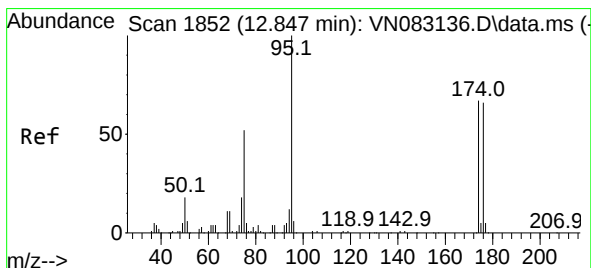
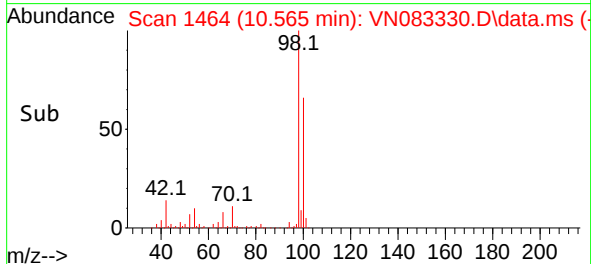
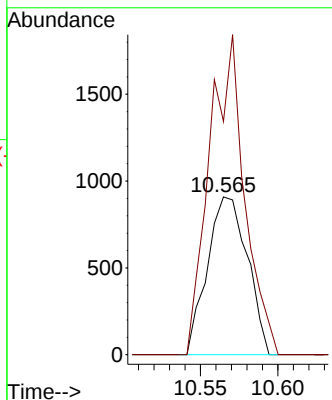
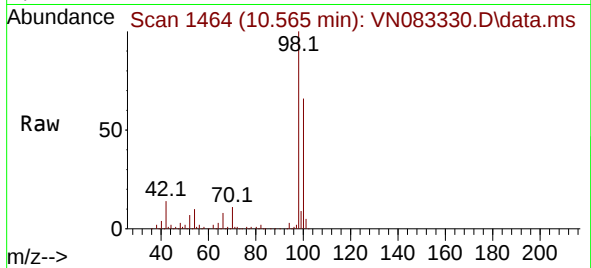




#51
4-Methyl-2-Pentanone
Concen: 0.658 ug/l
RT: 10.565 min Scan# 1444
Delta R.T. 0.118 min
Lab File: VN083330.D
Acq: 15 Aug 2024 14:47

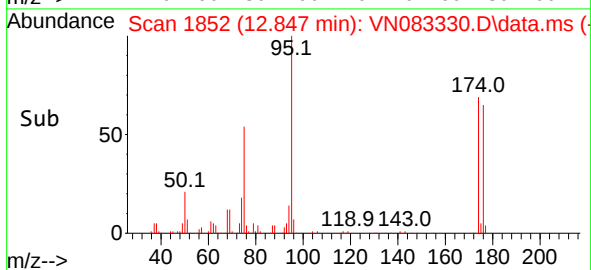
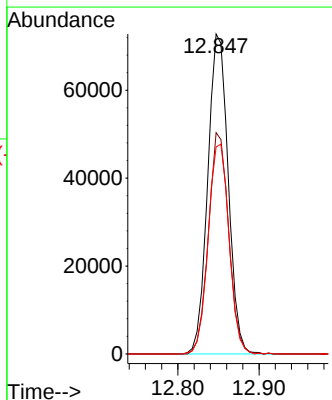
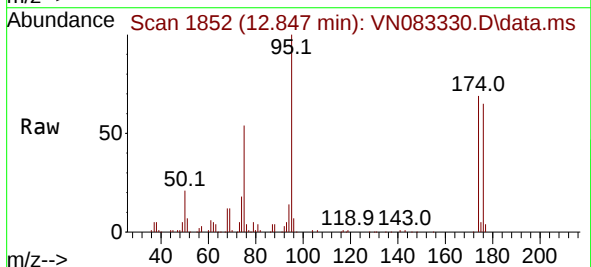
Instrument :
MSVOA_N
ClientSampleId :
915-J-WPO-0.25-081424

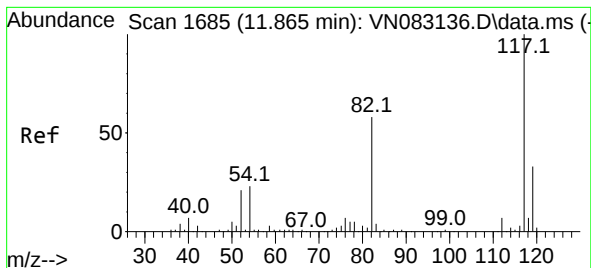
Tgt Ion: 43 Resp: 1630
Ion Ratio Lower Upper
43 100
58 178.7 28.2 42.4#



#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# 1

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

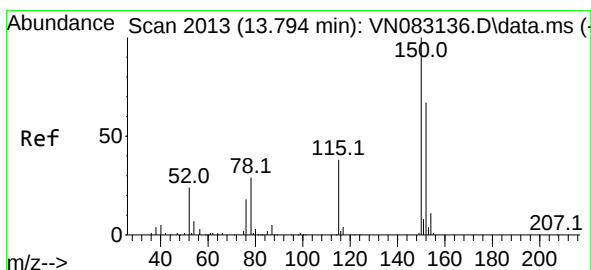
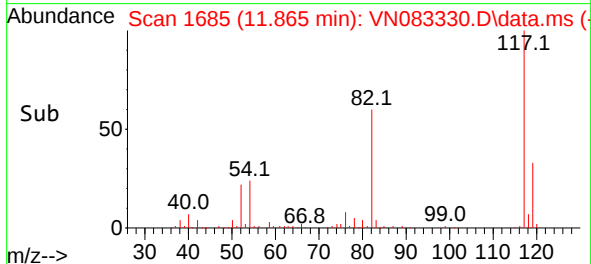
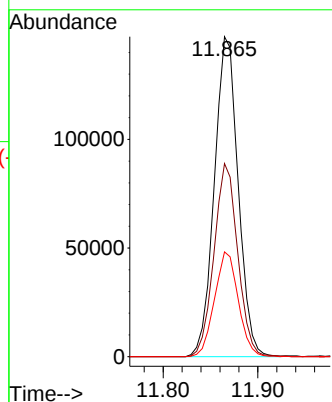
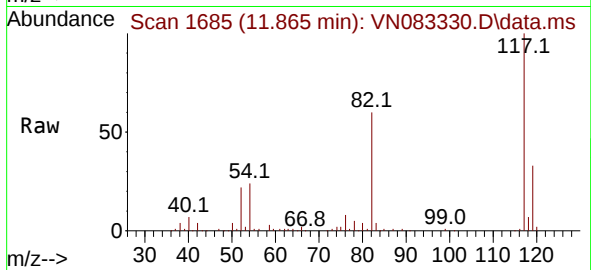
Tgt Ion:117 Resp: 257447

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

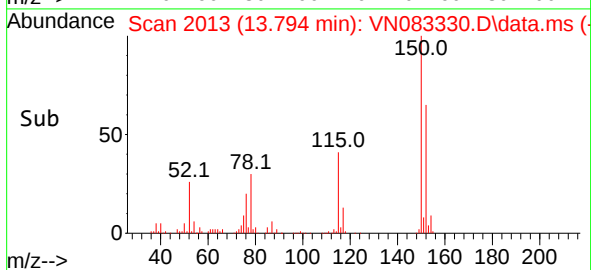
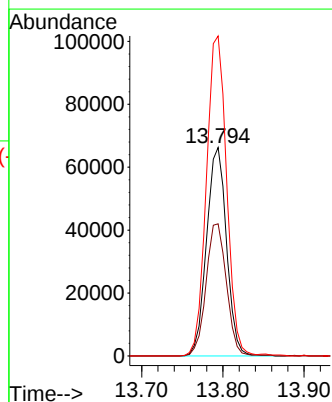
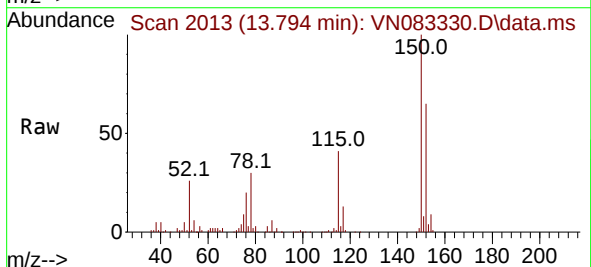
Tgt Ion:152 Resp: 113139

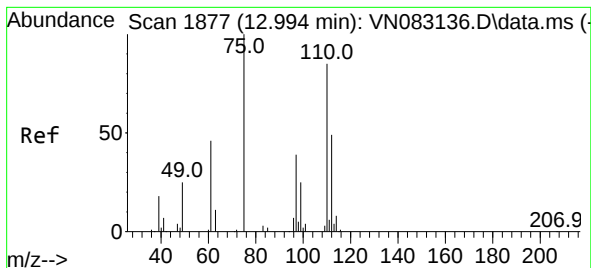
Ion Ratio Lower Upper

152 100

115 64.8 30.6 91.6

150 155.7 0.0 348.6

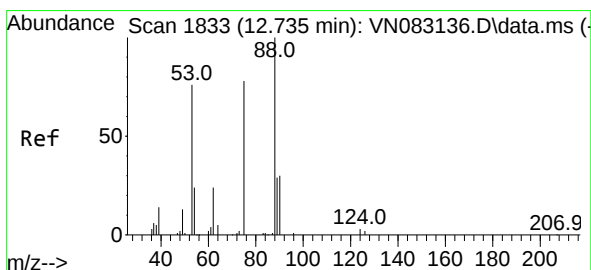
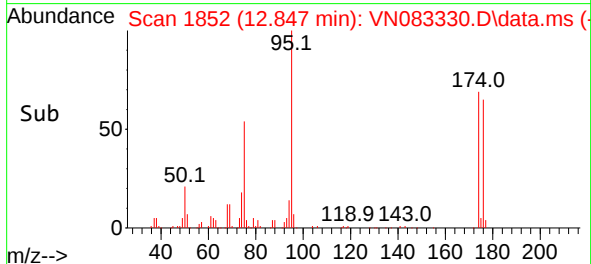
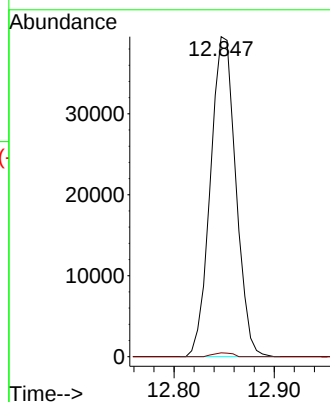
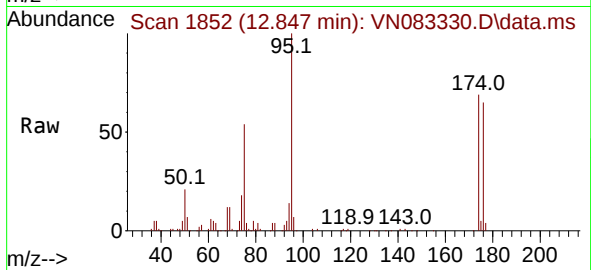




#76
1,2,3-Trichloropropane
Concen: 28.112 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083330.D
Acq: 15 Aug 2024 14:47

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

Tgt Ion: 75 Resp: 69805
Ion Ratio Lower Upper
75 100
77 0.9 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.150 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN083330.D
Acq: 15 Aug 2024 14:47

Tgt Ion: 75 Resp: 69805
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#

