

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082224\
 Data File : VN083438.D
 Acq On : 22 Aug 2024 16:09
 Operator : JC\MD
 Sample : P3641-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 23 01:42:00 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)

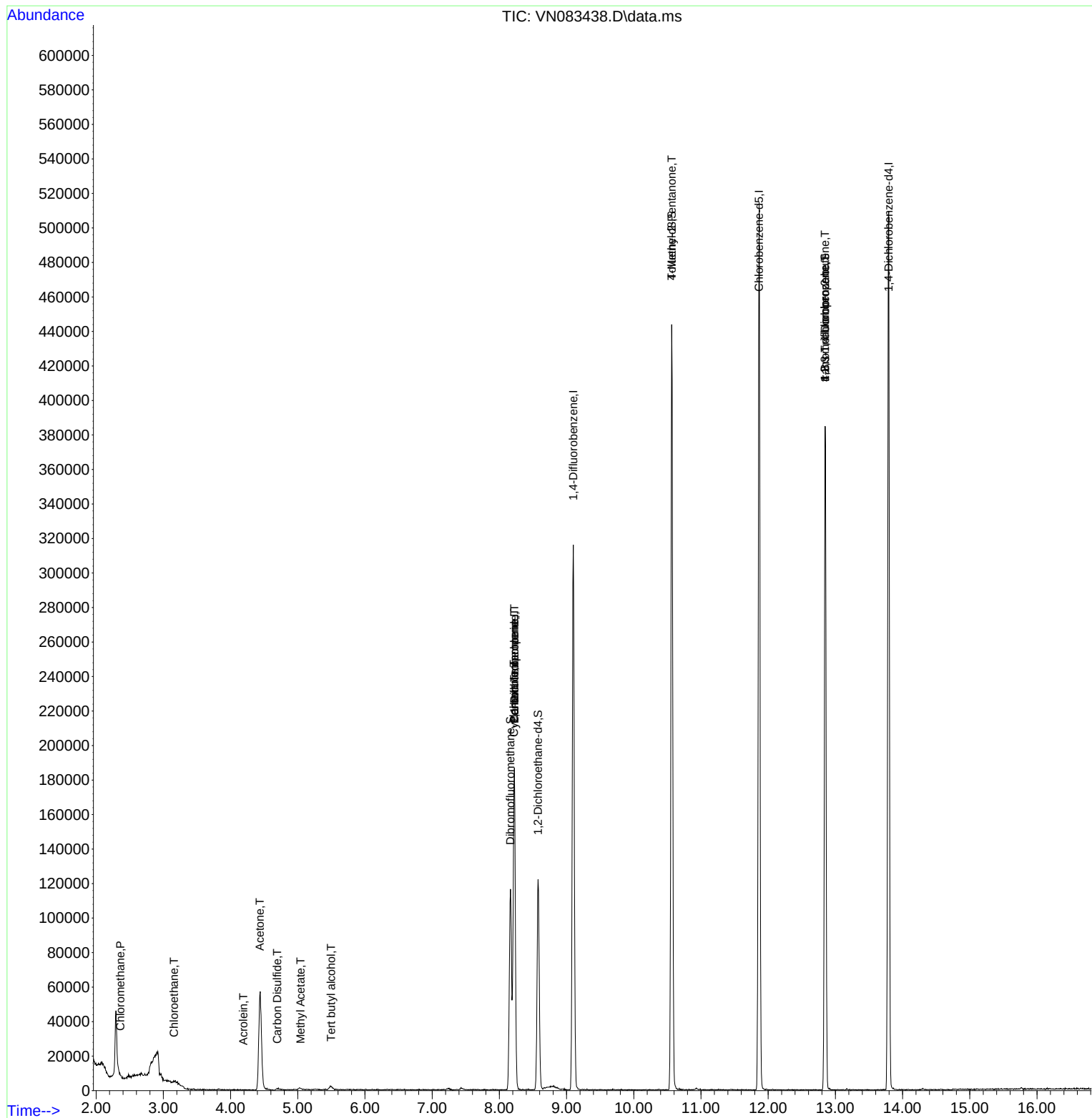
Internal Standards						
1) Pentafluorobenzene	8.224	168	129163	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	264498	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	281483	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	132821	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	105618	57.448	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.900%
35) Dibromofluoromethane	8.165	113	83975	50.865	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.720%
50) Toluene-d8	10.565	98	296898	48.210	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.420%
62) 4-Bromofluorobenzene	12.847	95	137088	57.099	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	114.200%
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	931	0.621	ug/l #	74
6) Chloroethane	3.159	64	554	0.579	ug/l #	41
11) Tert butyl alcohol	5.494	59	2056	5.381	ug/l #	71
13) Acrolein	4.189	56	61	0.245	ug/l #	14
16) Acetone	4.436	43	1594	2.216	ug/l #	48
17) Carbon Disulfide	4.695	76	1771	0.423	ug/l #	75
18) Methyl Acetate	5.042	43	2390	1.115	ug/l #	61
31) Cyclohexane	8.218	56	3304	1.213	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	11848	4.744	ug/l #	52
38) Carbon Tetrachloride	8.224	117	15052	5.351	ug/l #	17
43) Isopropyl Acetate	8.712	43	1131	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.565	43	1351	0.511	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	76000	26.071	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	76000	56.711	ug/l #	6

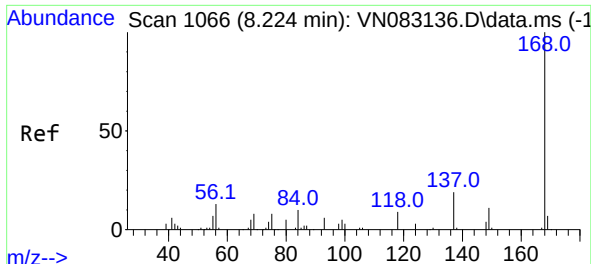
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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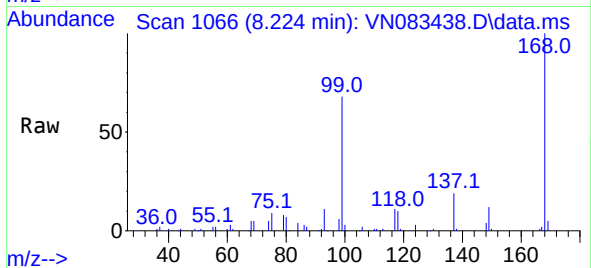
Quant Time: Aug 23 01:42:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
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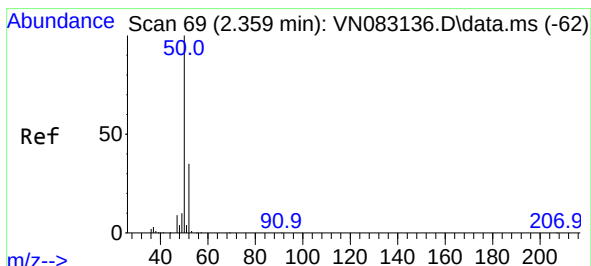
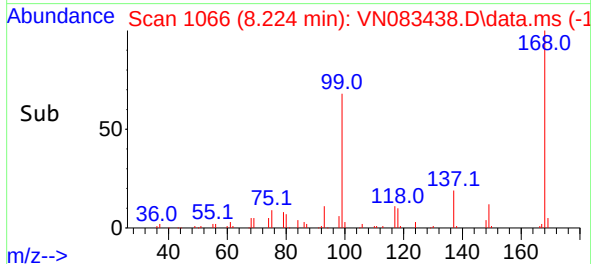
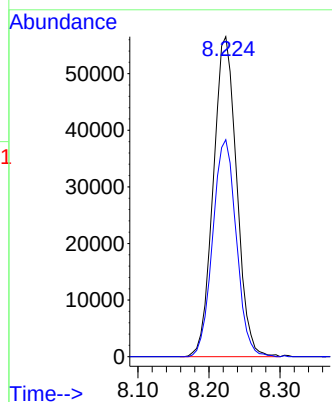


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083438.D
Acq: 22 Aug 2024 16:09

Instrument :
MSVOA_N
ClientSampleId :

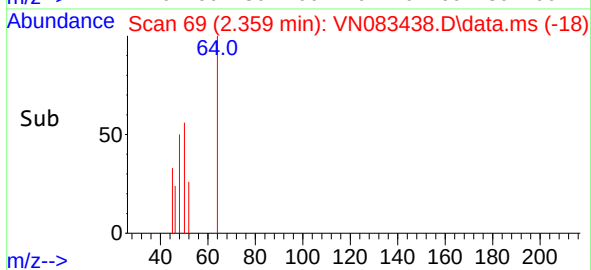
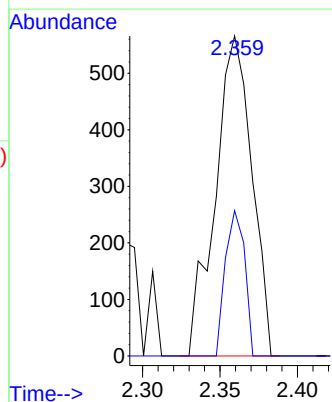
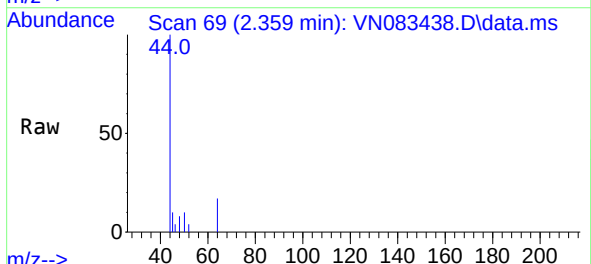


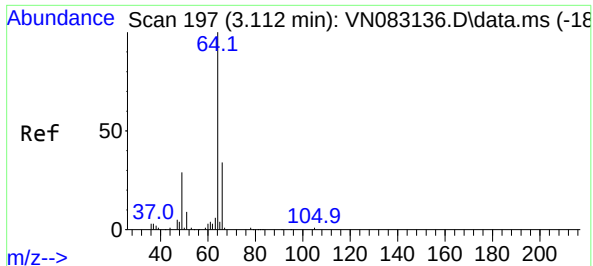
Tgt Ion:168 Resp: 129163
Ion Ratio Lower Upper
168 100
99 67.8 48.2 72.4



#3
Chloromethane
Concen: 0.621 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083438.D
Acq: 22 Aug 2024 16:09

Tgt Ion: 50 Resp: 931
Ion Ratio Lower Upper
50 100
52 45.4 25.0 37.4#

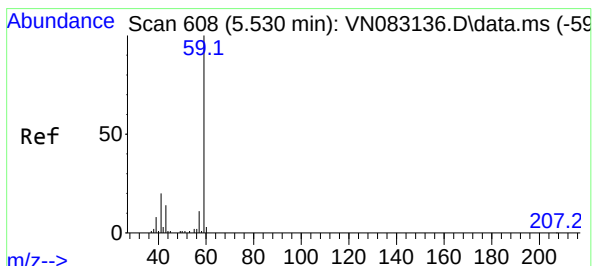
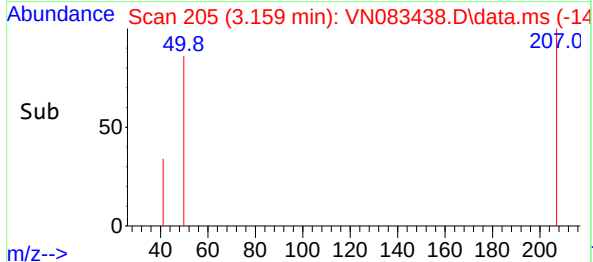
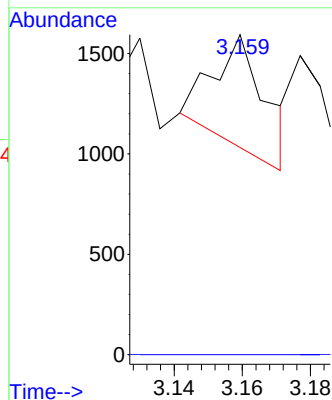
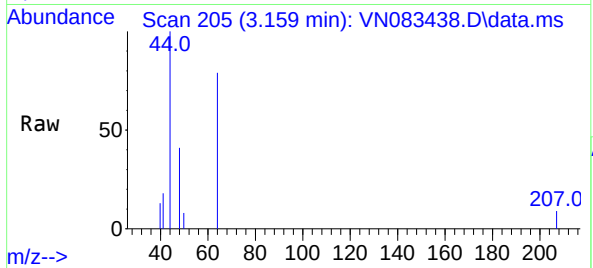




#6
Chloroethane
Concen: 0.579 ug/l
RT: 3.159 min Scan# 205
Delta R.T. 0.047 min
Lab File: VN083438.D
Acq: 22 Aug 2024 16:09

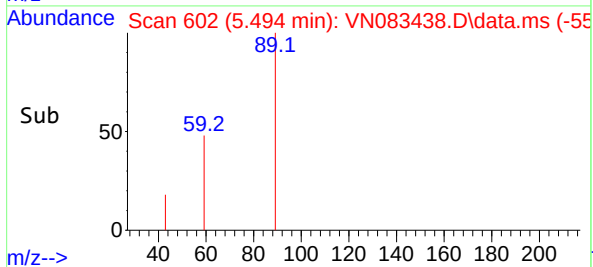
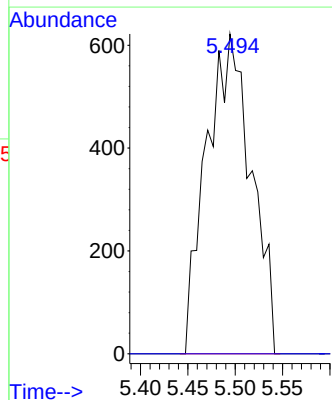
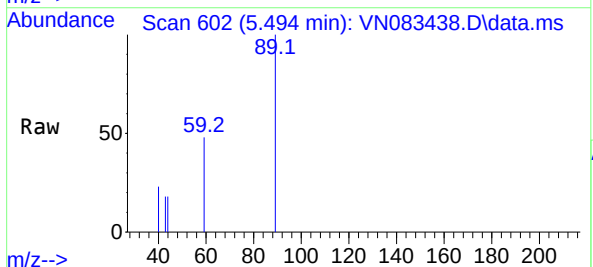
Instrument :
MSVOA_N
ClientSampleId :

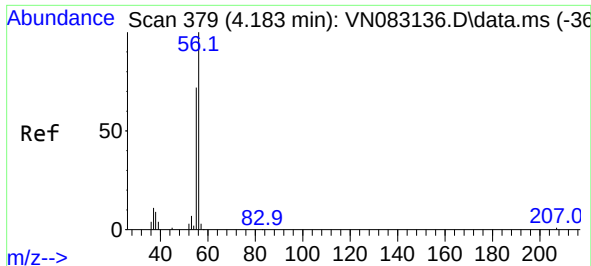
Tgt Ion: 64 Resp: 554
Ion Ratio Lower Upper
64 100
66 0.0 26.6 40.0#



#11
Tert butyl alcohol
Concen: 5.381 ug/l
RT: 5.494 min Scan# 602
Delta R.T. -0.035 min
Lab File: VN083438.D
Acq: 22 Aug 2024 16:09

Tgt Ion: 59 Resp: 2056
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

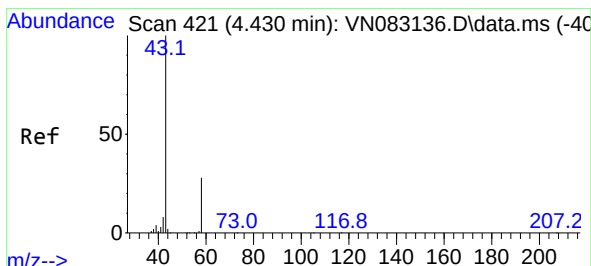
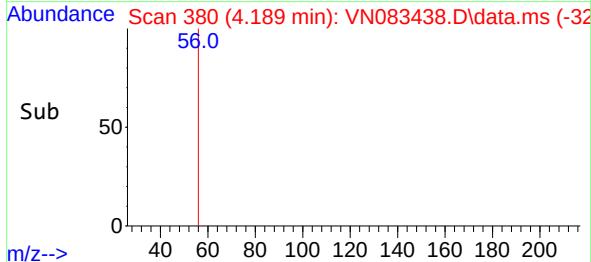
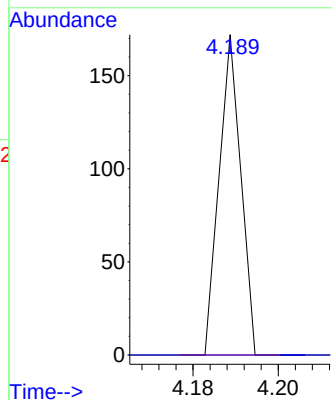
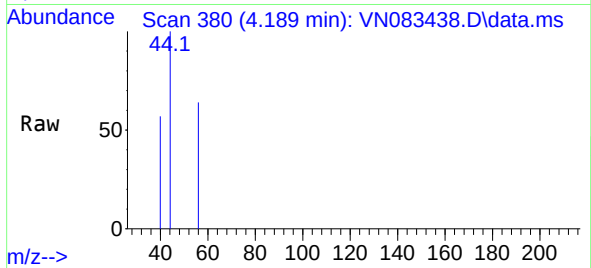




#13
Acrolein
Concen: 0.245 ug/l
RT: 4.189 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN083438.D
Acq: 22 Aug 2024 16:09

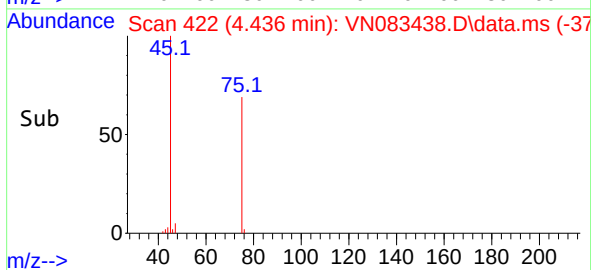
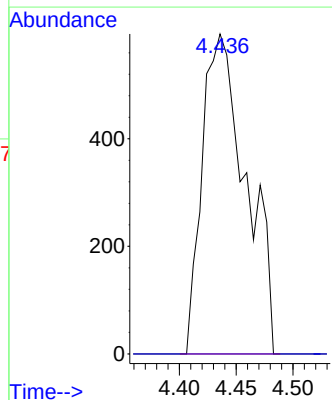
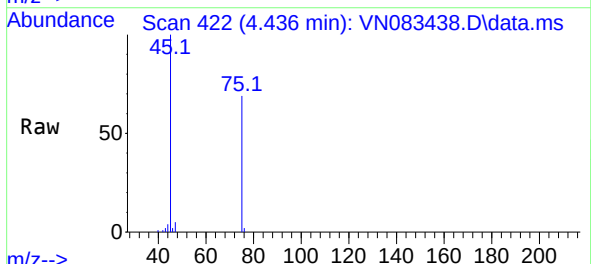
Instrument :
MSVOA_N
ClientSampleId :

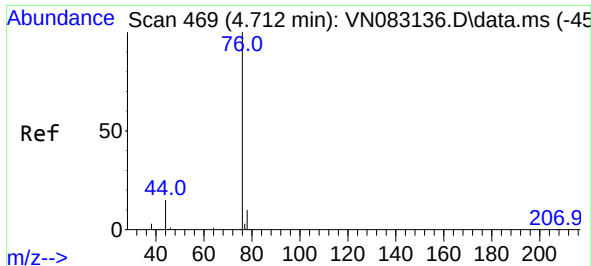
Tgt Ion: 56 Resp: 61
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 2.216 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN083438.D
Acq: 22 Aug 2024 16:09

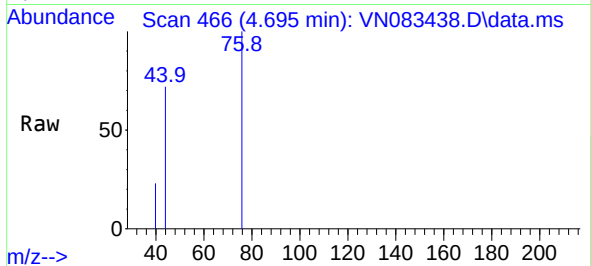
Tgt Ion: 43 Resp: 1594
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



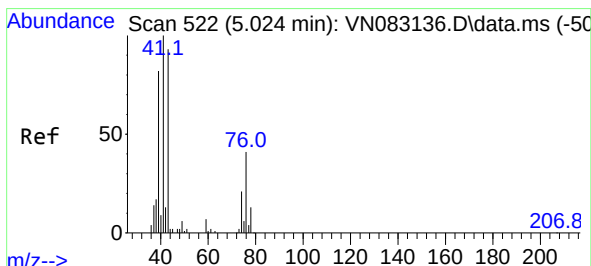
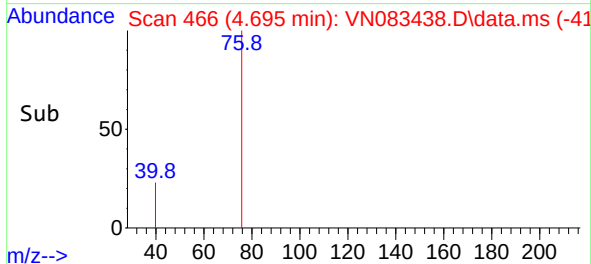
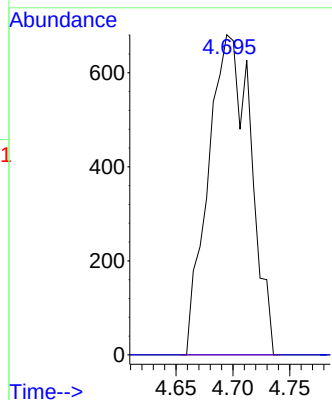


#17
Carbon Disulfide
Concen: 0.423 ug/l
RT: 4.695 min Scan# 41
Delta R.T. -0.018 min
Lab File: VN083438.D
Acq: 22 Aug 2024 16:09

Instrument :
MSVOA_N
ClientSampleId :

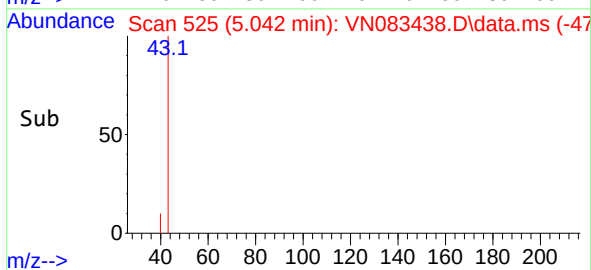
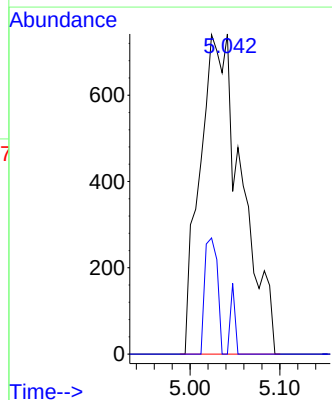
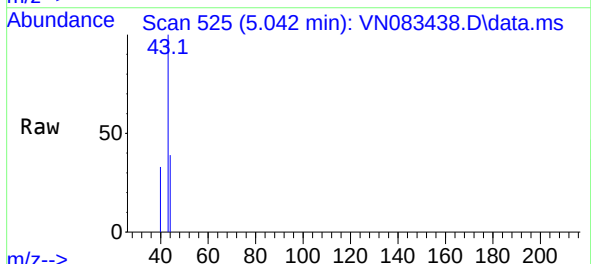


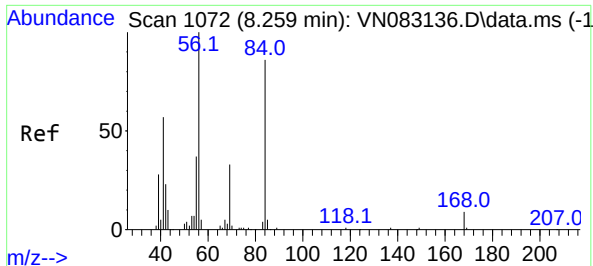
Tgt Ion: 76 Resp: 1771
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 1.115 ug/l
RT: 5.042 min Scan# 525
Delta R.T. 0.018 min
Lab File: VN083438.D
Acq: 22 Aug 2024 16:09

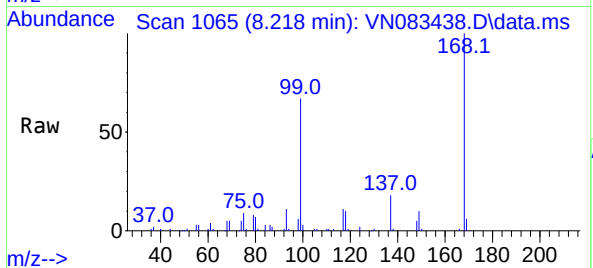
Tgt Ion: 43 Resp: 2390
Ion Ratio Lower Upper
43 100
74 2.4 16.3 24.5#



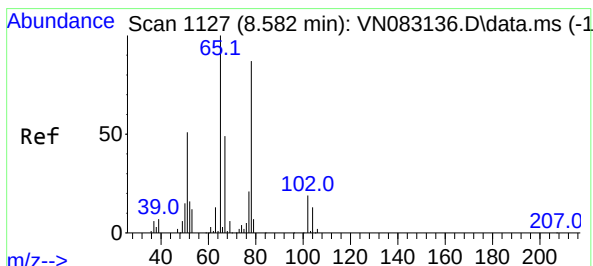
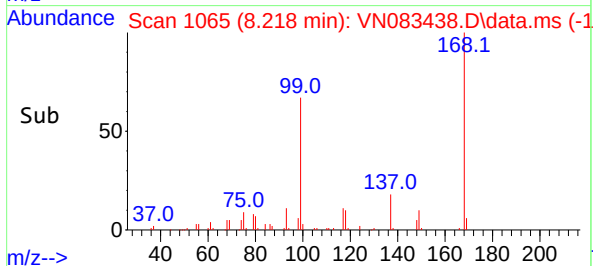
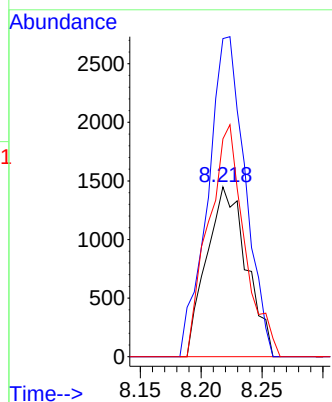


#31
Cyclohexane
Concen: 1.213 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN083438.D
Acq: 22 Aug 2024 16:09

Instrument :
MSVOA_N
ClientSampleId :

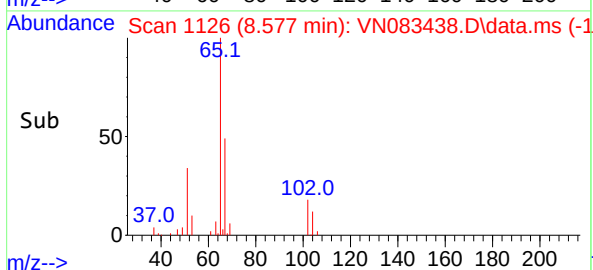
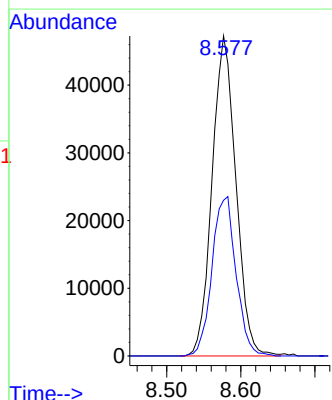
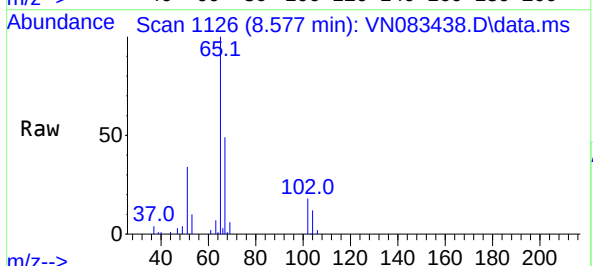


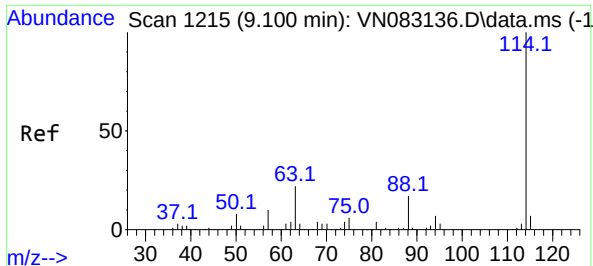
Tgt Ion: 56 Resp: 3304
Ion Ratio Lower Upper
56 100
69 187.3 24.5 36.7#
84 128.3 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 57.448 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN083438.D
Acq: 22 Aug 2024 16:09

Tgt Ion: 65 Resp: 105618
Ion Ratio Lower Upper
65 100
67 50.4 0.0 104.4

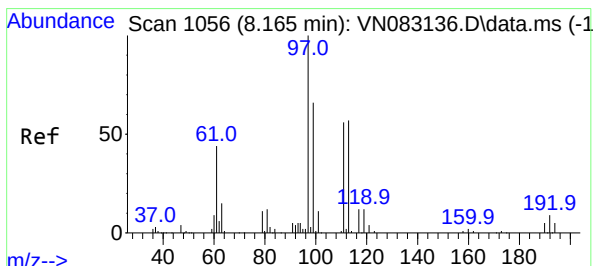
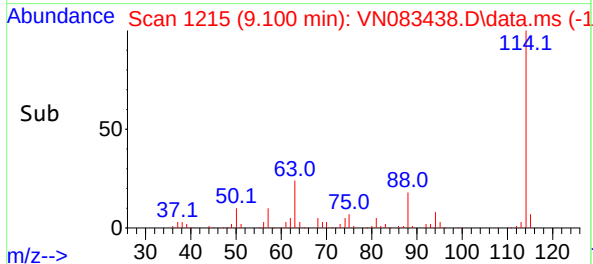
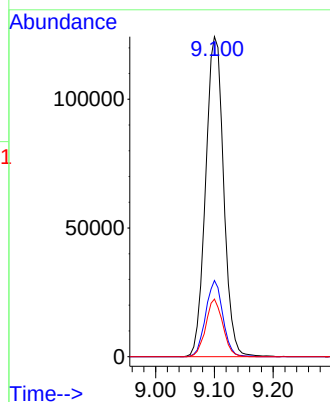
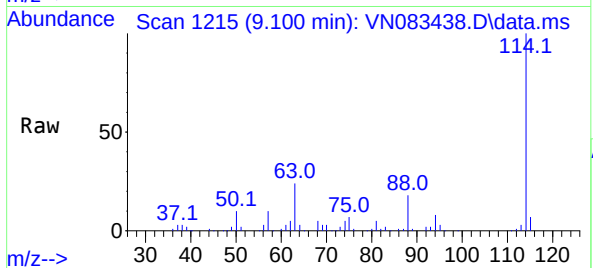




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083438.D
Acq: 22 Aug 2024 16:09

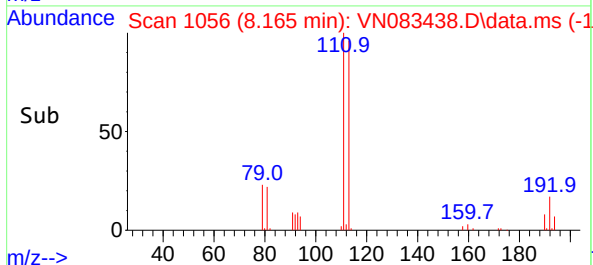
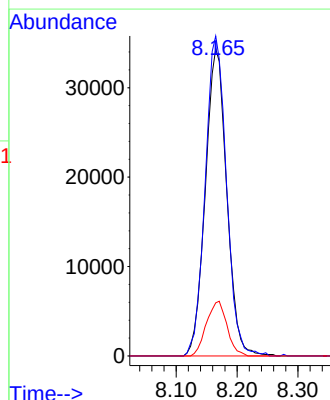
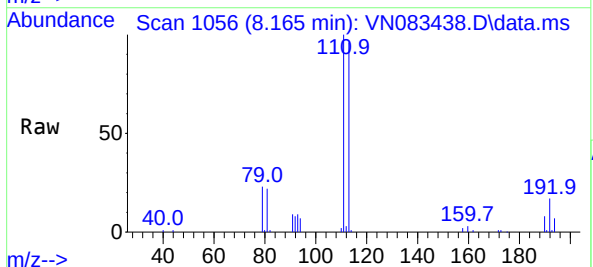
Instrument :
MSVOA_N
ClientSampleId :

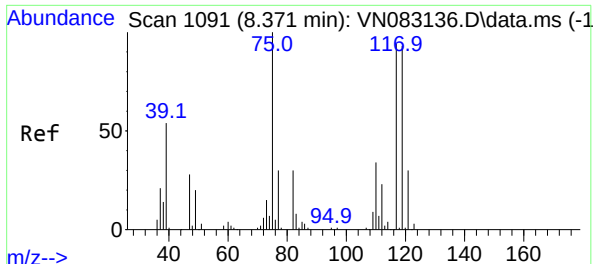
Tgt Ion:114 Resp: 264498
Ion Ratio Lower Upper
114 100
63 23.8 0.0 44.6
88 18.0 0.0 31.4



#35
Dibromofluoromethane
Concen: 50.865 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083438.D
Acq: 22 Aug 2024 16:09

Tgt Ion:113 Resp: 83975
Ion Ratio Lower Upper
113 100
111 103.2 82.4 123.6
192 17.1 14.9 22.3





#36

1,1-Dichloropropene

Concen: 4.744 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

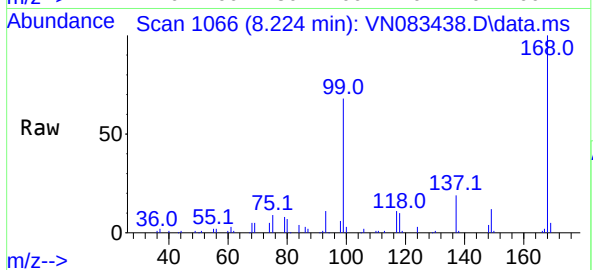
Lab File: VN083438.D

Acq: 22 Aug 2024 16:09

Instrument :

MSVOA_N

ClientSampleId :



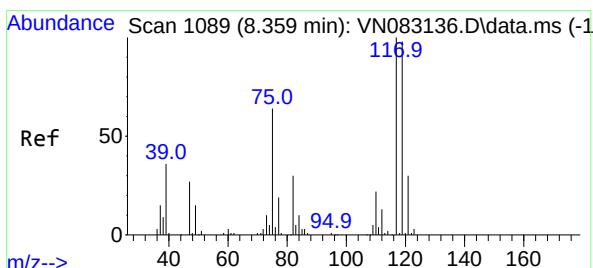
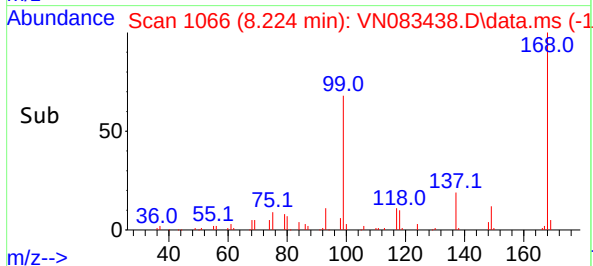
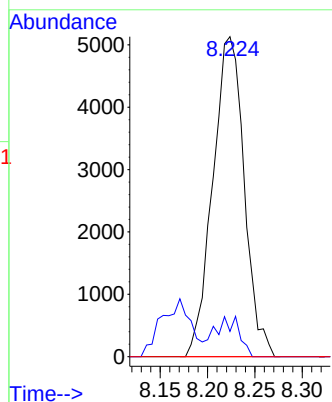
Tgt Ion: 75 Resp: 11848

Ion Ratio Lower Upper

75 100

110 9.7 16.3 48.9#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.351 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN083438.D

Acq: 22 Aug 2024 16:09

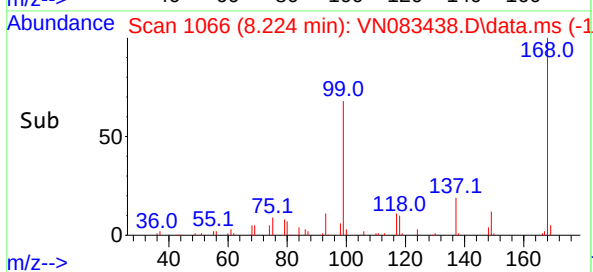
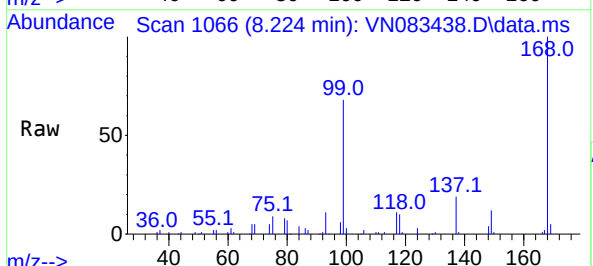
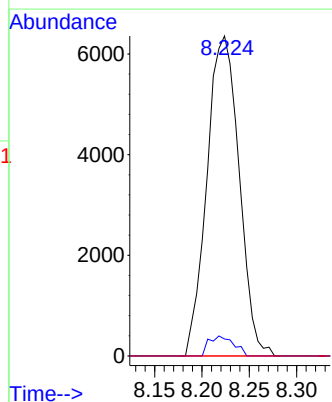
Tgt Ion: 117 Resp: 15052

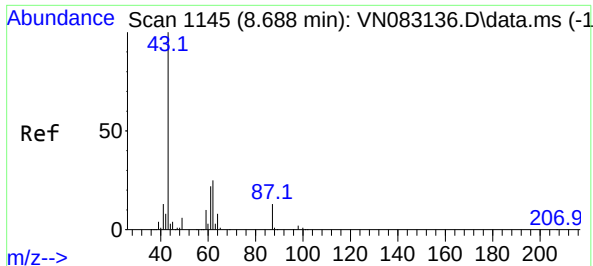
Ion Ratio Lower Upper

117 100

119 5.3 74.9 112.3#

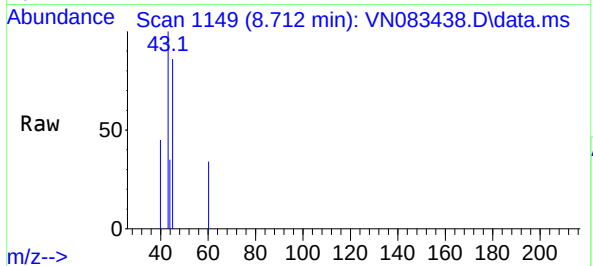
121 0.0 24.3 36.5#



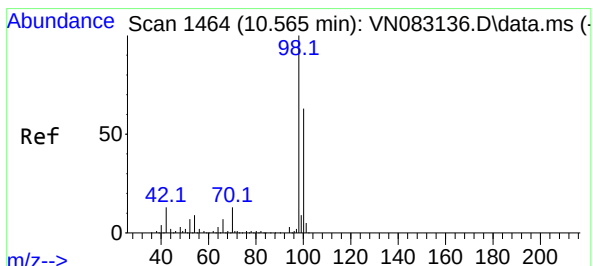
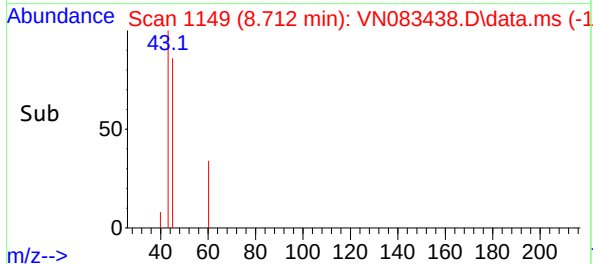
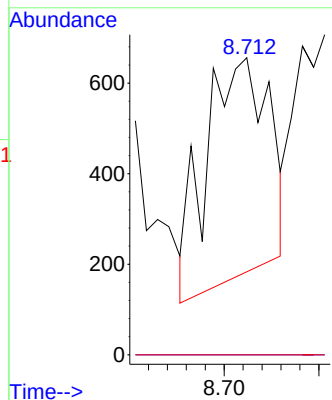


#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.712 min Scan# 1145
Delta R.T. 0.024 min
Lab File: VN083438.D
Acq: 22 Aug 2024 16:09

Instrument :
MSVOA_N
ClientSampleId :

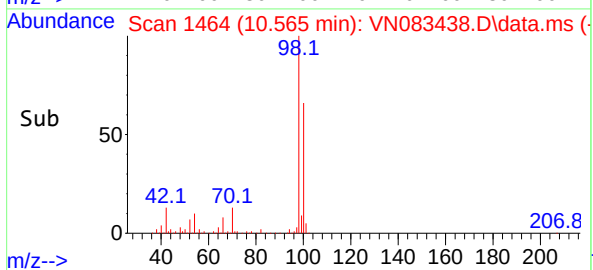
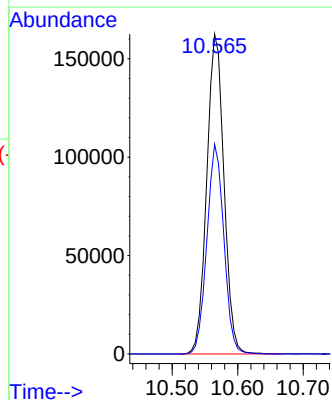
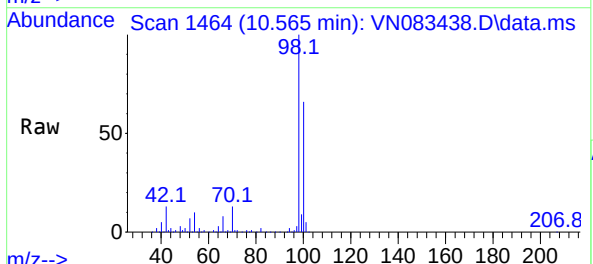


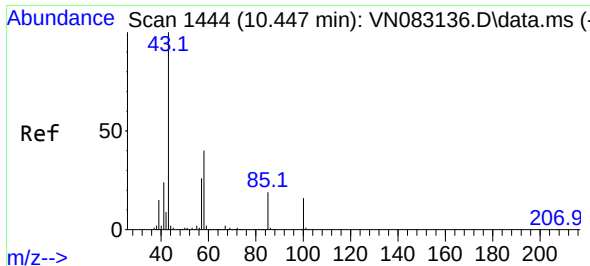
Tgt Ion: 43 Resp: 1131
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#50
Toluene-d8
Concen: 48.210 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083438.D
Acq: 22 Aug 2024 16:09

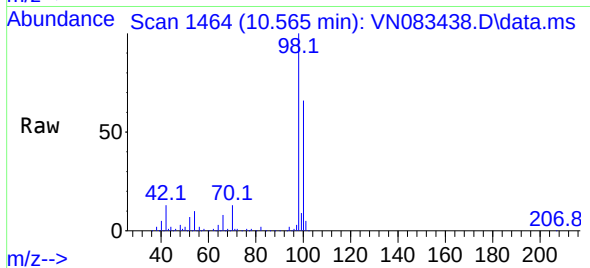
Tgt Ion: 98 Resp: 296898
Ion Ratio Lower Upper
98 100
100 64.7 51.5 77.3



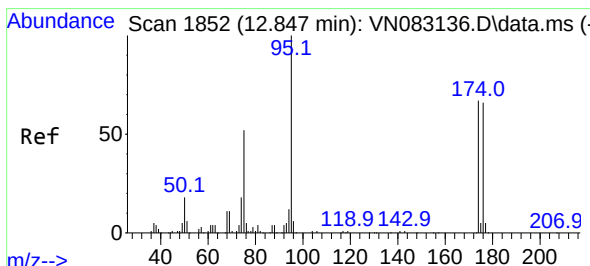
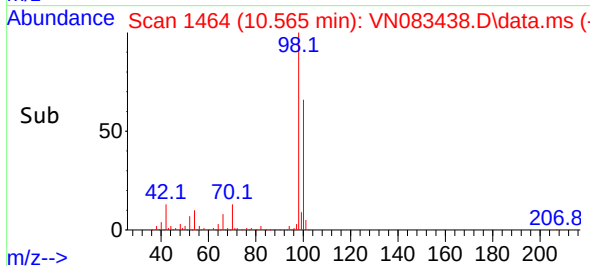
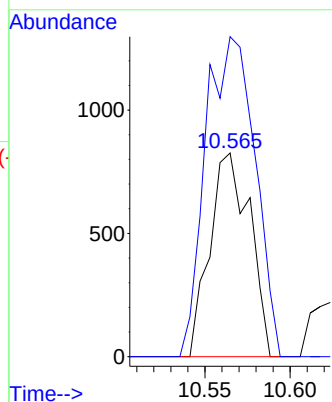


#51
4-Methyl-2-Pentanone
Concen: 0.511 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN083438.D
Acq: 22 Aug 2024 16:09

Instrument :
MSVOA_N
ClientSampleId :

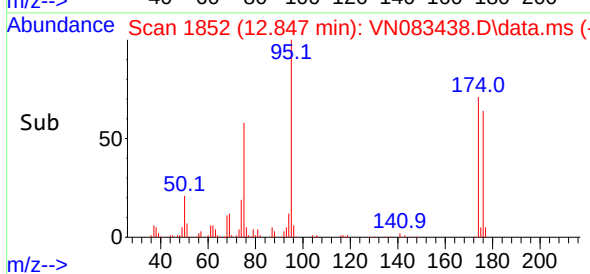
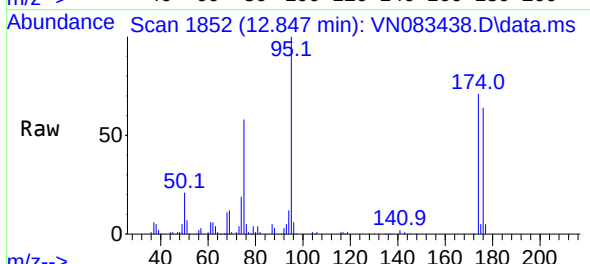
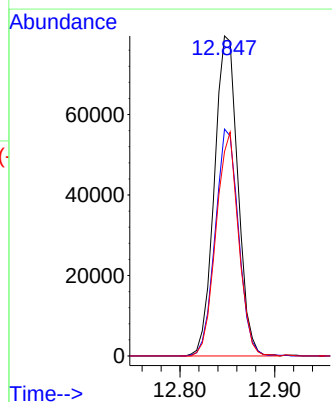


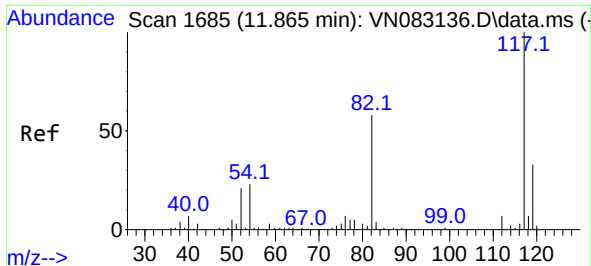
Tgt Ion: 43 Resp: 1351
Ion Ratio Lower Upper
43 100
58 193.7 28.2 42.4#



#62
4-Bromofluorobenzene
Concen: 57.099 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083438.D
Acq: 22 Aug 2024 16:09

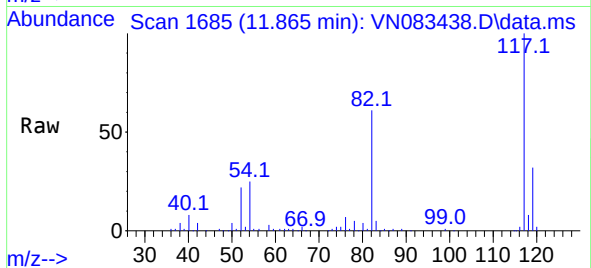
Tgt Ion: 95 Resp: 137088
Ion Ratio Lower Upper
95 100
174 70.4 0.0 159.2
176 67.1 0.0 147.6



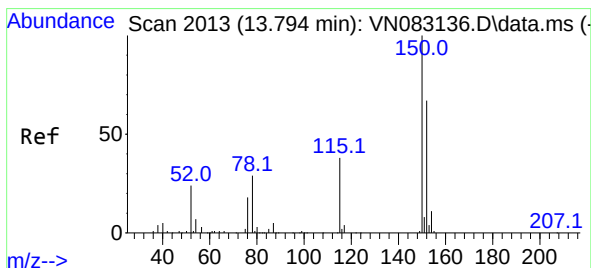
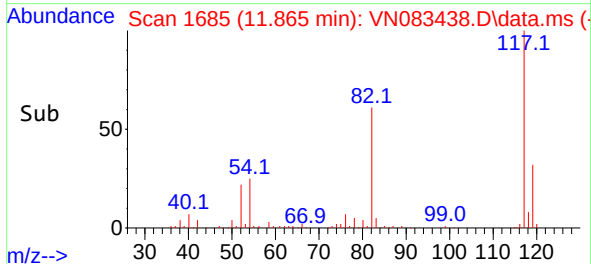
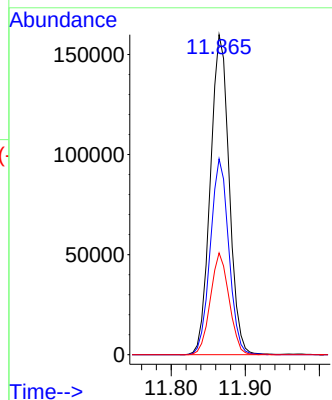


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083438.D
Acq: 22 Aug 2024 16:09

Instrument :
MSVOA_N
ClientSampleId :

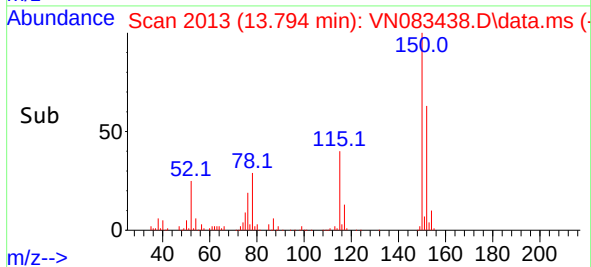
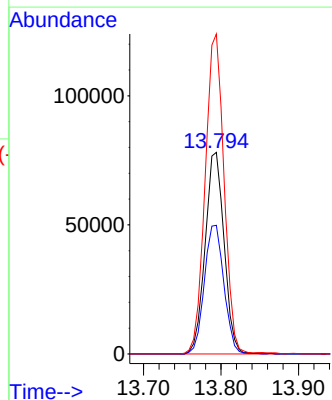
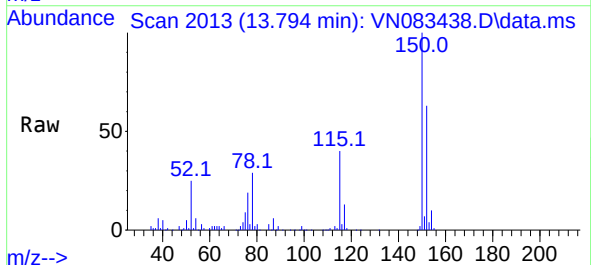


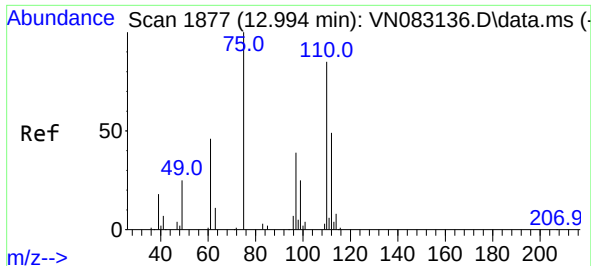
Tgt Ion:117 Resp: 281483
Ion Ratio Lower Upper
117 100
82 61.2 47.5 71.3
119 31.8 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN083438.D
Acq: 22 Aug 2024 16:09

Tgt Ion:152 Resp: 132821
Ion Ratio Lower Upper
152 100
115 65.7 30.6 91.6
150 157.2 0.0 348.6

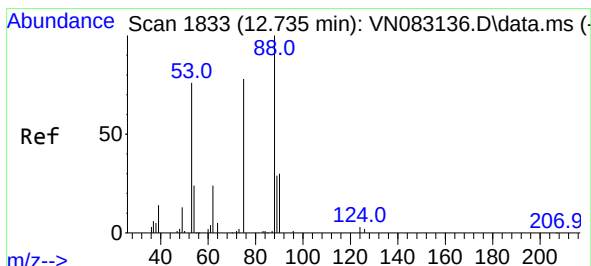
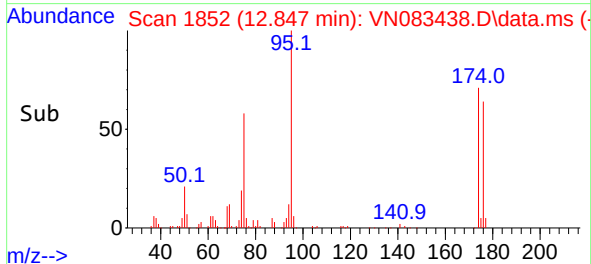
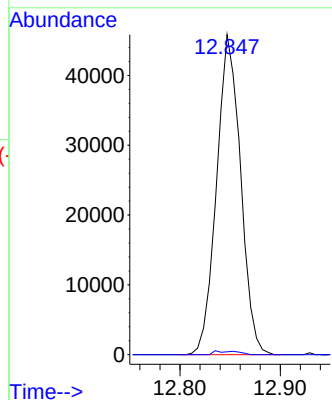
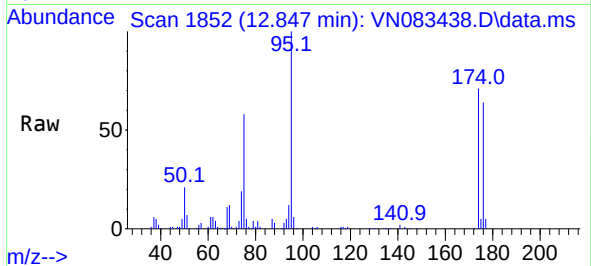




#76
1,2,3-Trichloropropane
Concen: 26.071 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083438.D
Acq: 22 Aug 2024 16:09

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 76000
Ion Ratio Lower Upper
75 100
77 1.1 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.711 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN083438.D
Acq: 22 Aug 2024 16:09

Tgt Ion: 75 Resp: 76000
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#

