

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061824\
 Data File : VN082622.D
 Acq On : 18 Jun 2024 10:41
 Operator : JC\MD
 Sample : VN0618WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 19 00:52:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:52:44 2024
 Response via : Initial Calibration

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

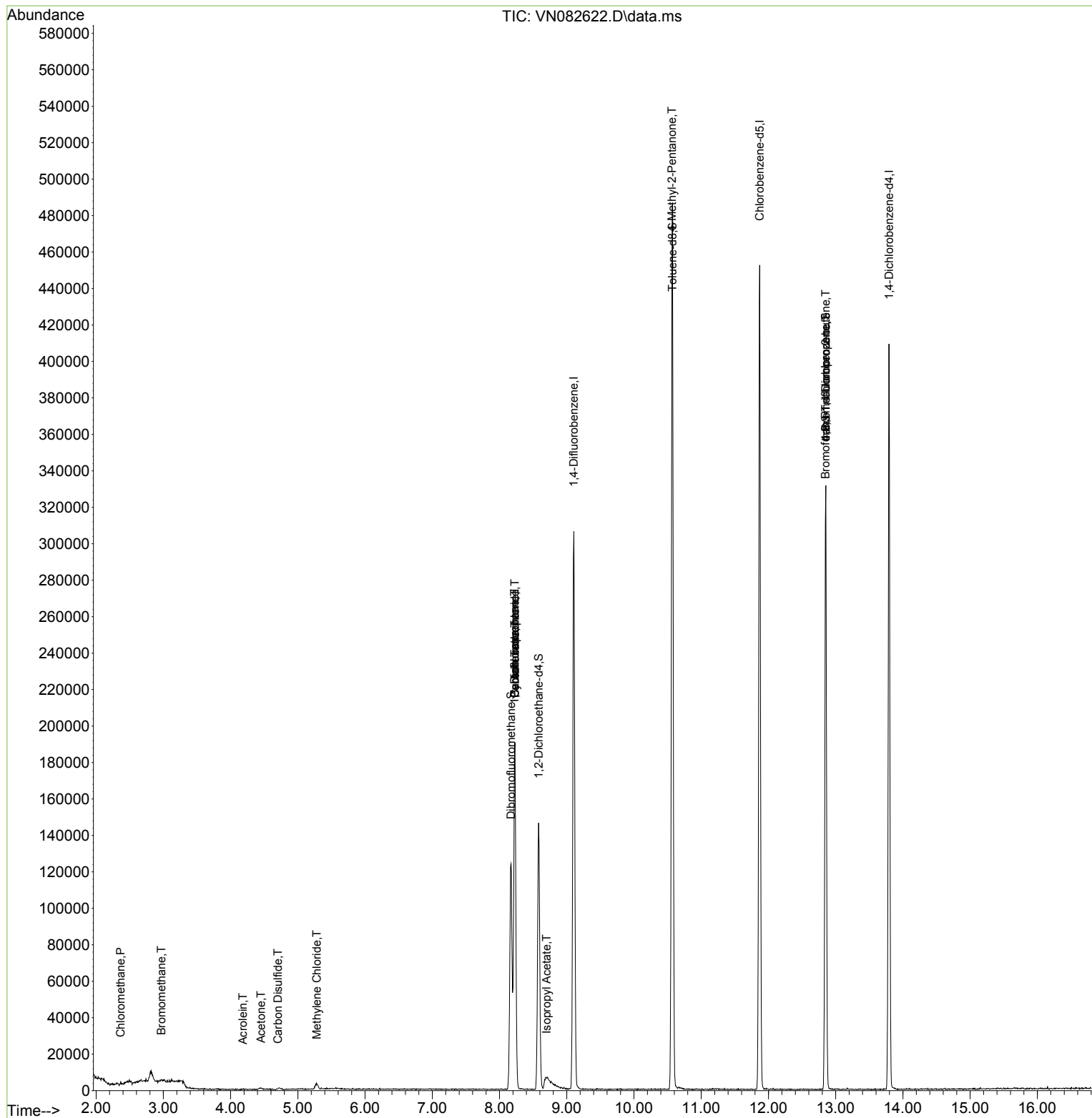
Internal Standards						
1) Pentafluorobenzene	8.229	168	132252	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	244048	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	242026	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	100116	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	120500	56.817	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.640%			
35) Dibromofluoromethane	8.171	113	87845	53.059	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.120%			
50) Toluene-d8	10.570	98	314491	50.231	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.460%			
62) 4-Bromofluorobenzene	12.853	95	104722	48.515	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 97.040%			
Target Compounds						Qvalue
3) Chloromethane	2.365	50	866	0.391	ug/l	97
5) Bromomethane	2.971	94	963	0.710	ug/l	95
13) Acrolein	4.183	56	180	0.509	ug/l #	14
16) Acetone	4.453	43	1765	1.830	ug/l #	48
17) Carbon Disulfide	4.706	76	946	0.202	ug/l #	75
20) Methylene Chloride	5.283	84	2091	1.233	ug/l #	66
31) Cyclohexane	8.229	56	3540	1.157	ug/l #	15
36) 1,1-Dichloropropene	8.224	75	11911	4.813	ug/l #	52
38) Carbon Tetrachloride	8.229	117	13413	4.809	ug/l #	17
43) Isopropyl Acetate	8.700	43	12877	2.186	ug/l #	60
51) 4-Methyl-2-Pentanone	10.565	43	1994	0.660	ug/l #	1
71) Bromoform	12.847	173	579	0.370	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	60975	24.901	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	60975	59.574	ug/l #	6

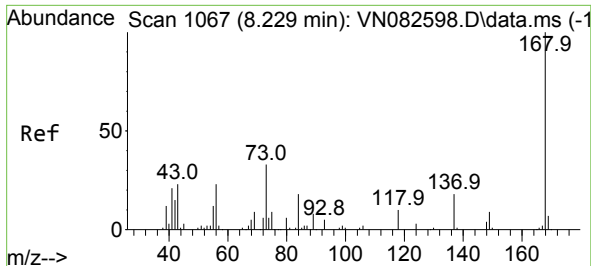
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061824\
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Instrument :
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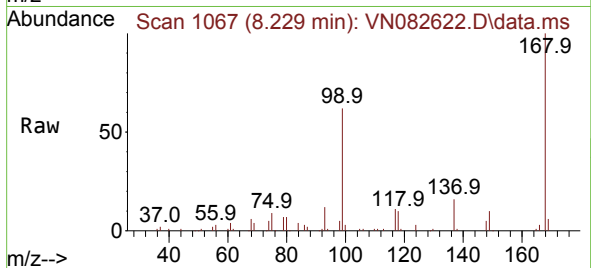
Quant Time: Jun 19 00:52:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 18 04:52:44 2024
Response via : Initial Calibration



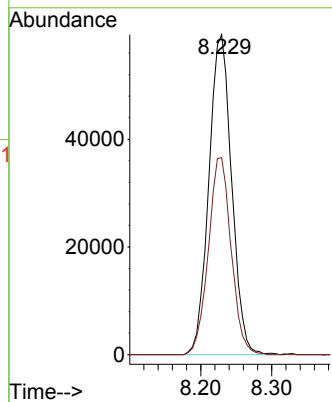
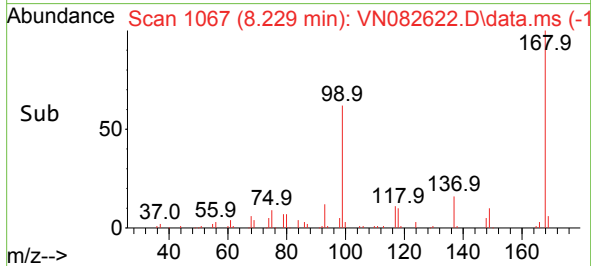


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. 0.000 min
Lab File: VN082622.D
Acq: 18 Jun 2024 10:41

Instrument :
MSVOA_N
ClientSampleId :

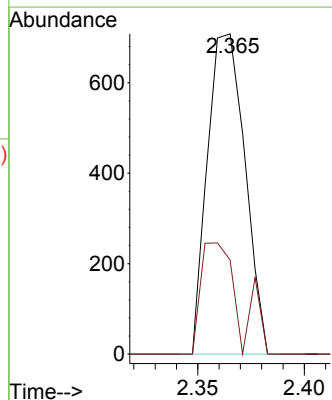
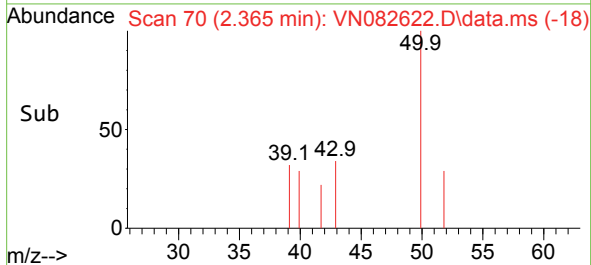
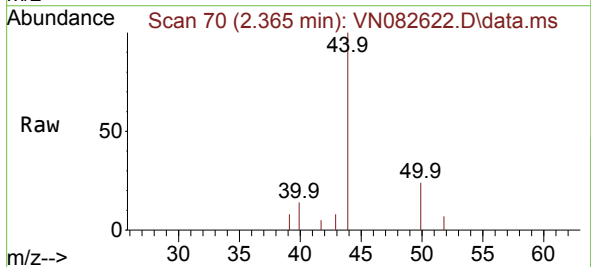


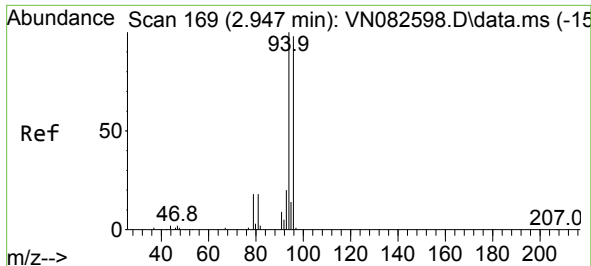
Tgt Ion:168 Resp: 132252
Ion Ratio Lower Upper
168 100
99 61.6 48.2 72.4



#3
Chloromethane
Concen: 0.391 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN082622.D
Acq: 18 Jun 2024 10:41

Tgt Ion: 50 Resp: 866
Ion Ratio Lower Upper
50 100
52 29.4 25.0 37.4

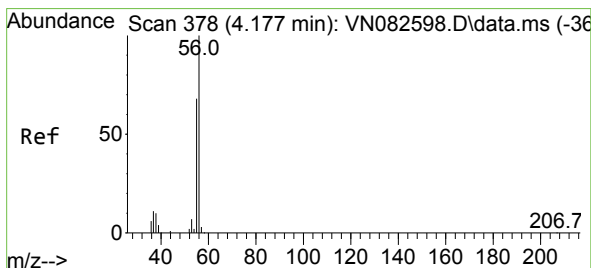
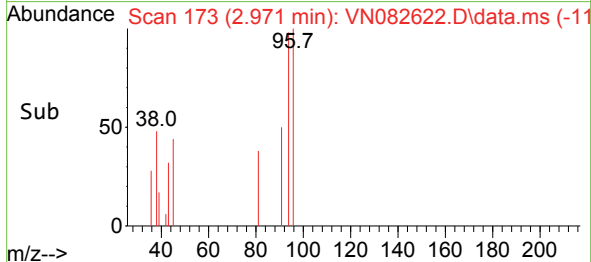
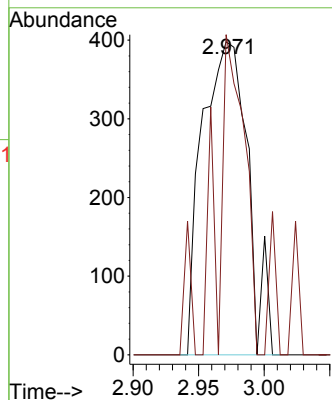
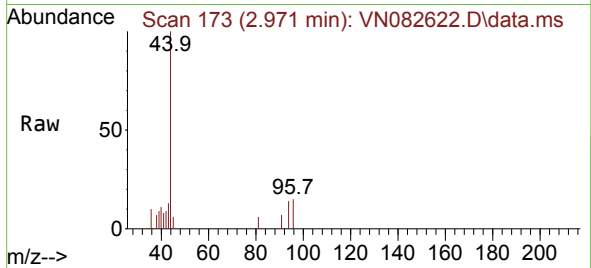




#5
Bromomethane
Concen: 0.710 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN082622.D
Acq: 18 Jun 2024 10:41

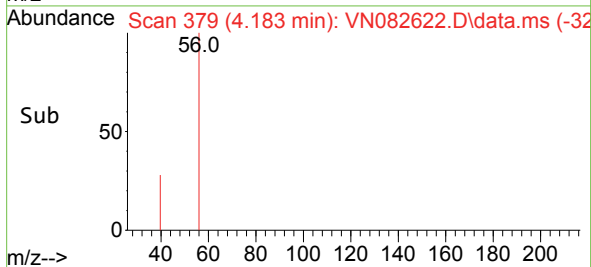
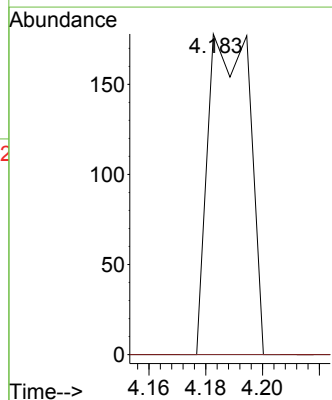
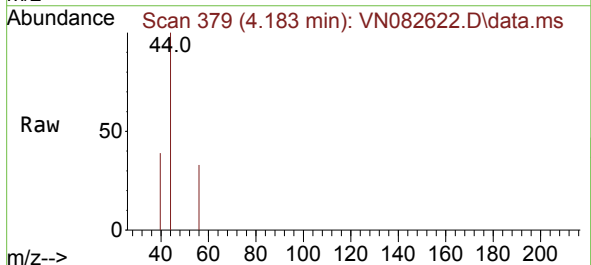
Instrument :
MSVOA_N
ClientSampleId :

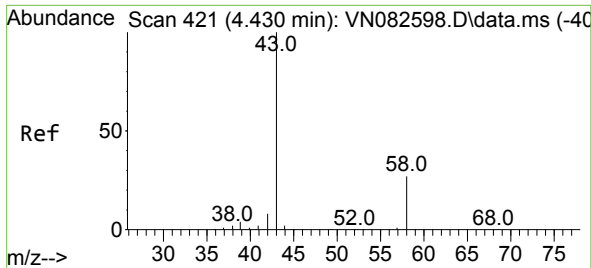
Tgt Ion: 94 Resp: 963
Ion Ratio Lower Upper
94 100
96 102.3 78.0 117.0



#13
Acrolein
Concen: 0.509 ug/l
RT: 4.183 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN082622.D
Acq: 18 Jun 2024 10:41

Tgt Ion: 56 Resp: 180
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

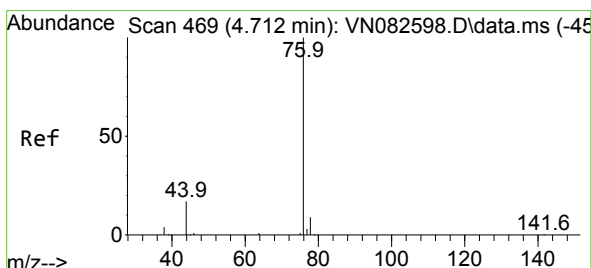
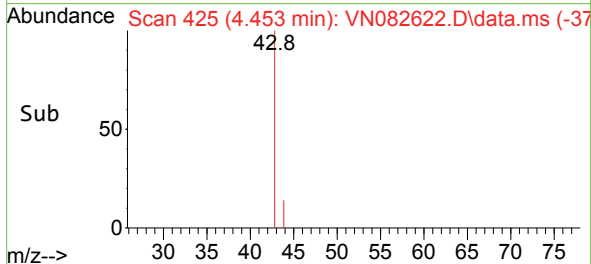
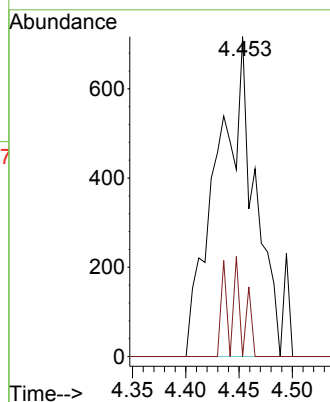
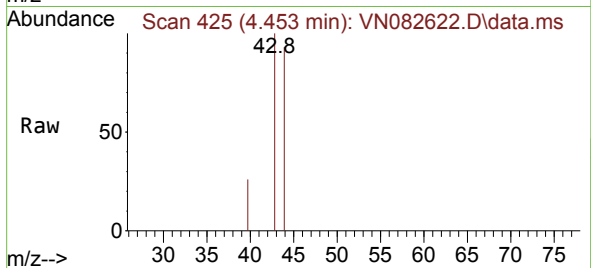




#16
Acetone
Concen: 1.830 ug/l
RT: 4.453 min Scan# 41
Delta R.T. 0.024 min
Lab File: VN082622.D
Acq: 18 Jun 2024 10:41

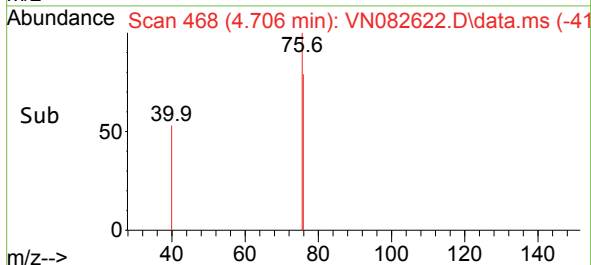
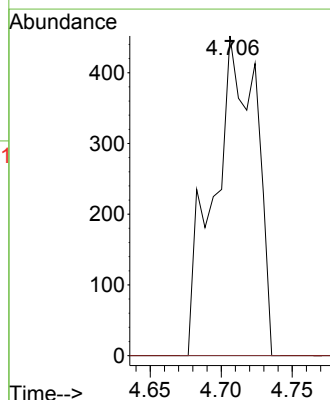
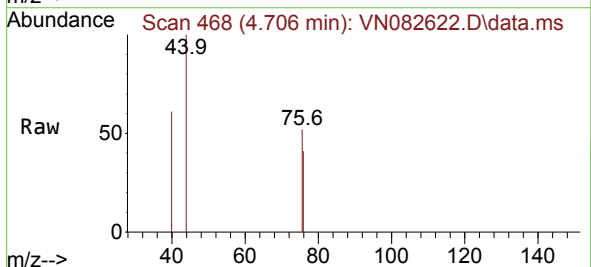
Instrument :
MSVOA_N
ClientSampleId :

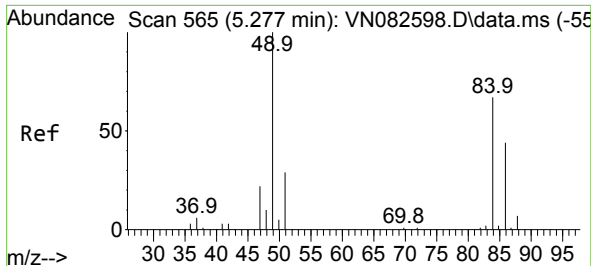
Tgt Ion: 43 Resp: 1765
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



#17
Carbon Disulfide
Concen: 0.202 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN082622.D
Acq: 18 Jun 2024 10:41

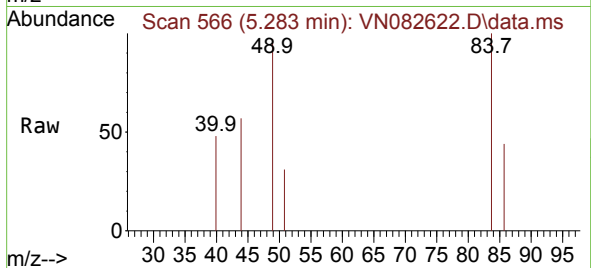
Tgt Ion: 76 Resp: 946
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



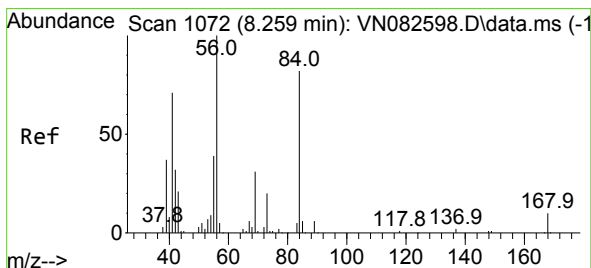
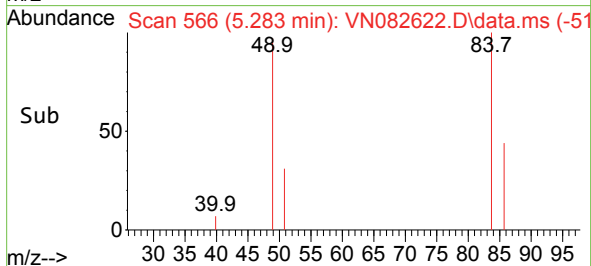
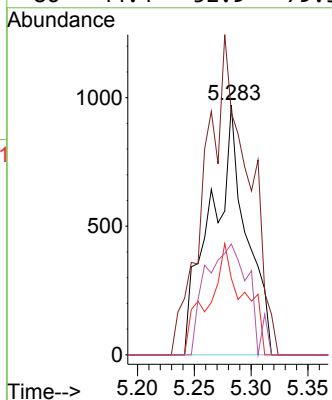


#20
Methylene Chloride
Concen: 1.233 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN082622.D
Acq: 18 Jun 2024 10:41

Instrument :
MSVOA_N
ClientSampleId :

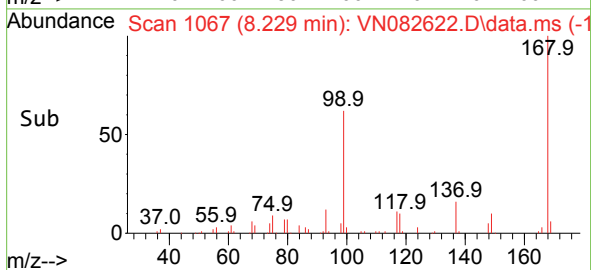
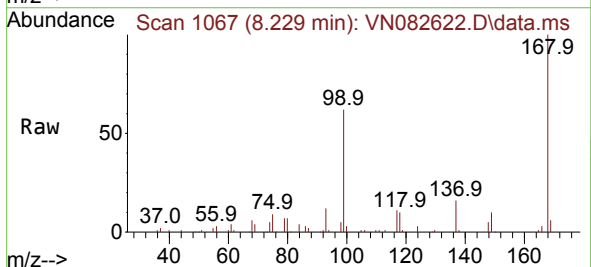
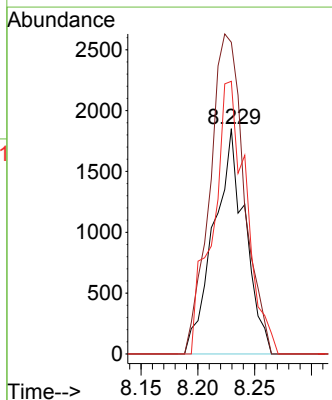


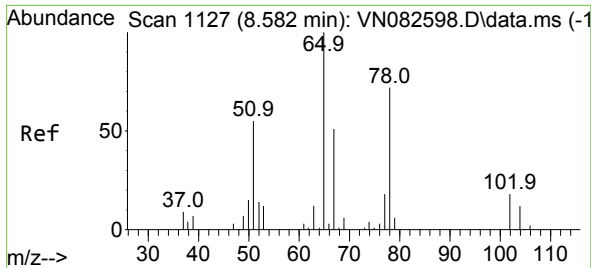
Tgt Ion:	84	Resp:	2091
Ion	Ratio	Lower	Upper
84	100		
49	97.0	119.6	179.4#
51	30.6	34.8	52.2#
86	44.4	52.9	79.3#



#31
Cyclohexane
Concen: 1.157 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN082622.D
Acq: 18 Jun 2024 10:41

Tgt Ion:	56	Resp:	3540
Ion	Ratio	Lower	Upper
56	100		
69	138.3	24.5	36.7#
84	121.0	66.0	99.0#

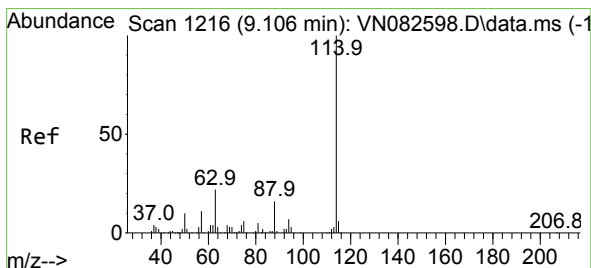
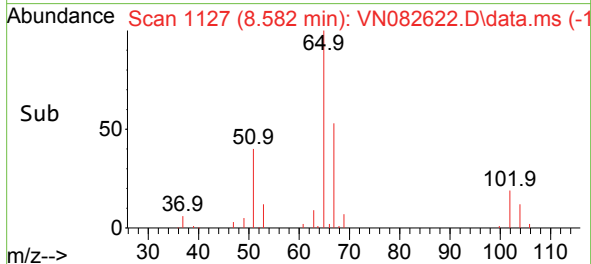
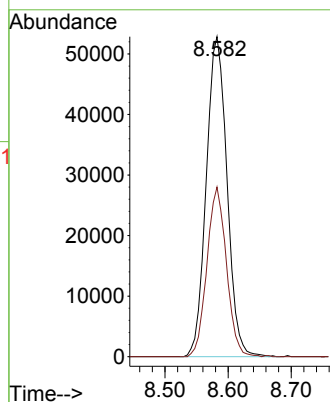
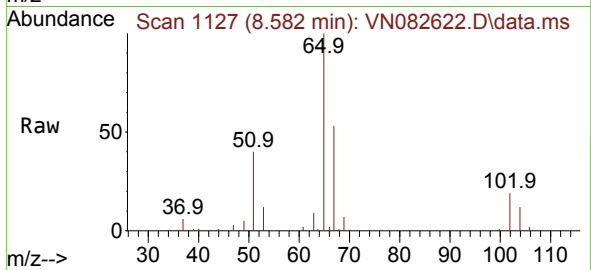




#33
 1,2-Dichloroethane-d4
 Concen: 56.817 ug/l
 RT: 8.582 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VN082622.D
 Acq: 18 Jun 2024 10:41

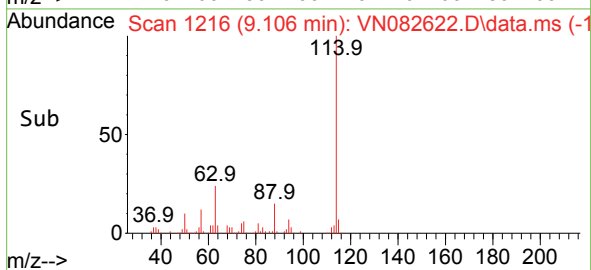
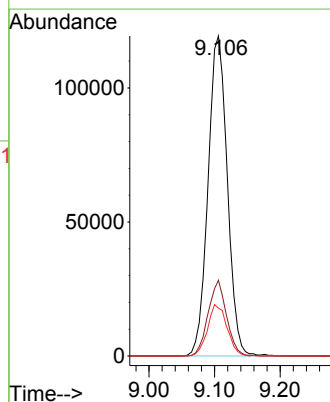
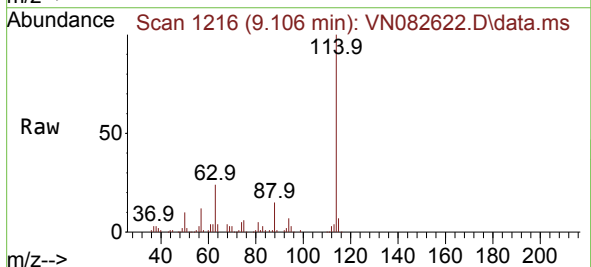
Instrument :
 MSVOA_N
 ClientSampleId :

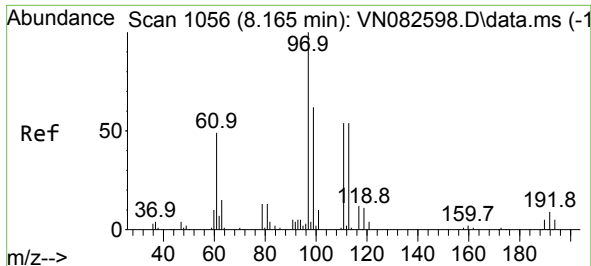
Tgt Ion: 65 Resp: 120500
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. 0.000 min
 Lab File: VN082622.D
 Acq: 18 Jun 2024 10:41

Tgt Ion: 114 Resp: 244048
 Ion Ratio Lower Upper
 114 100
 63 23.7 0.0 44.6
 88 15.0 0.0 31.4





#35

Dibromofluoromethane

Concen: 53.059 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

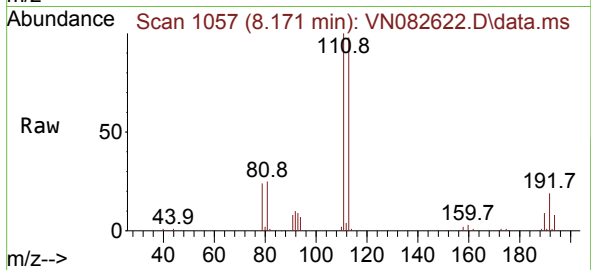
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Acq: 18 Jun 2024 10:41

Instrument :

MSVOA_N

ClientSampleId :



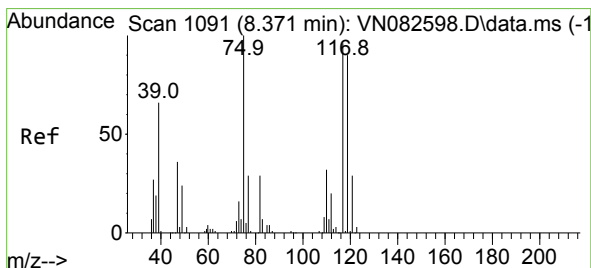
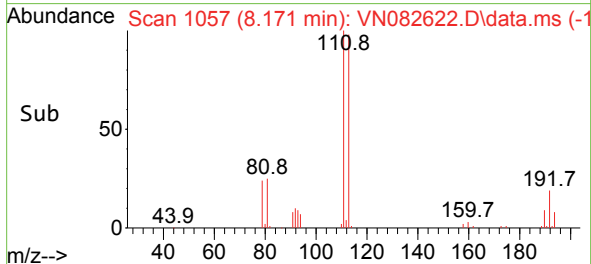
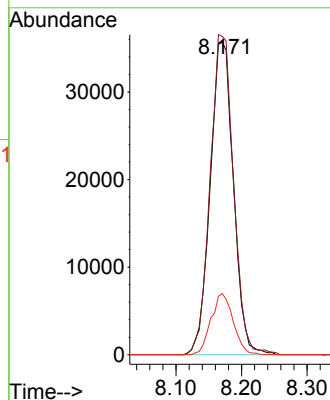
Tgt Ion:113 Resp: 87845

Ion Ratio Lower Upper

113 100

111 102.7 82.4 123.6

192 18.6 14.9 22.3



#36

1,1-Dichloropropene

Concen: 4.813 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN082622.D

Acq: 18 Jun 2024 10:41

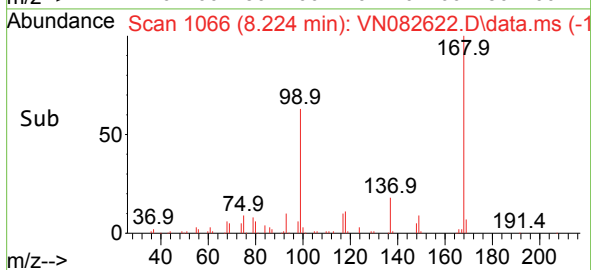
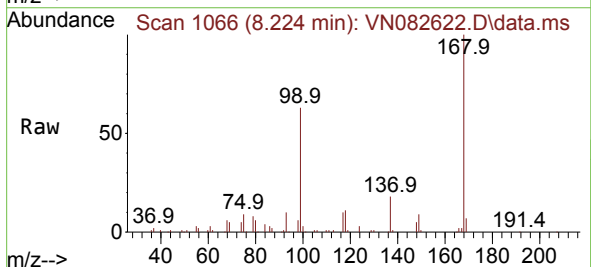
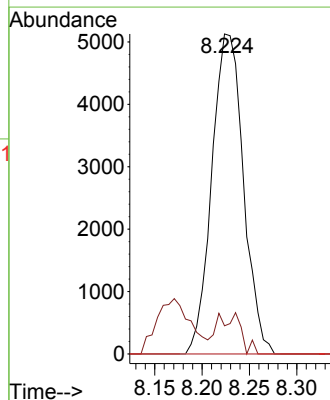
Tgt Ion: 75 Resp: 11911

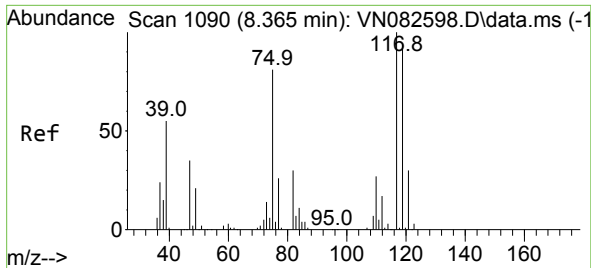
Ion Ratio Lower Upper

75 100

110 9.5 16.3 48.9#

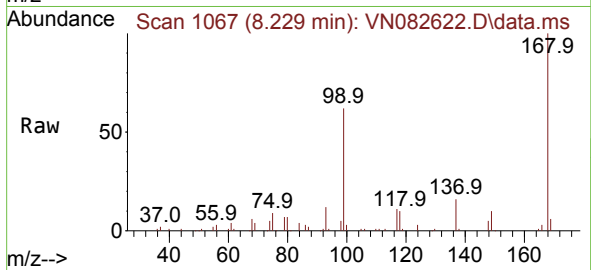
77 0.0 24.6 37.0#



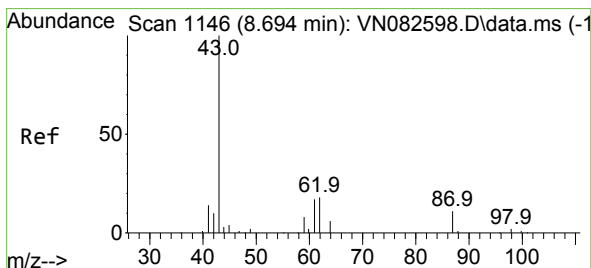
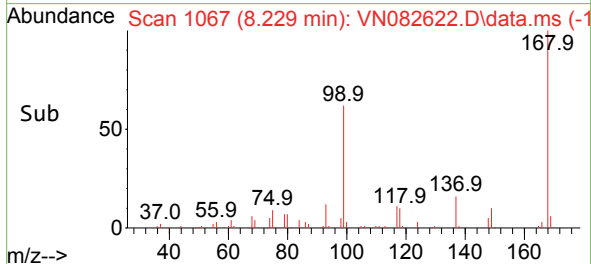
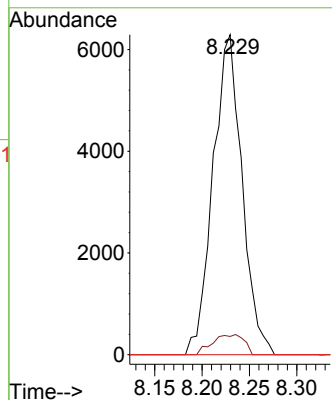


#38
Carbon Tetrachloride
Concen: 4.809 ug/l
RT: 8.229 min Scan# 1107
Delta R.T. -0.135 min
Lab File: VN082622.D
Acq: 18 Jun 2024 10:41

Instrument :
MSVOA_N
ClientSampleId :

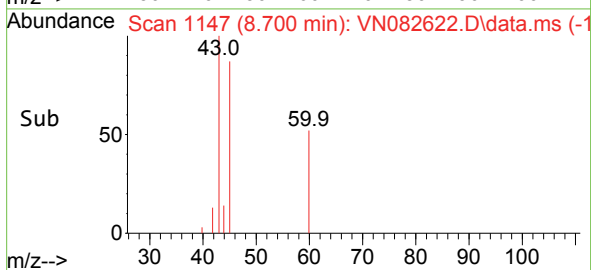
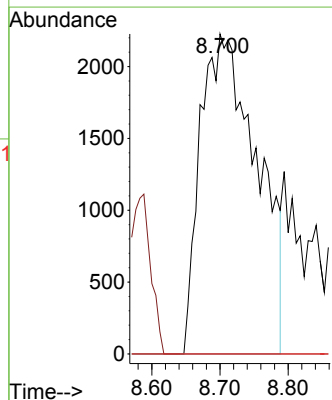
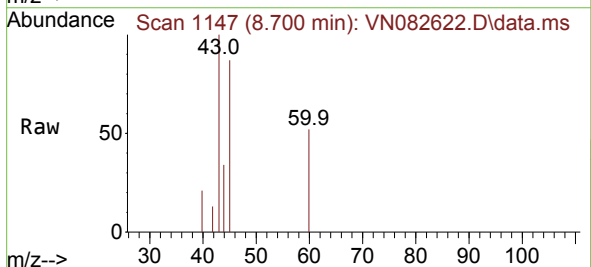


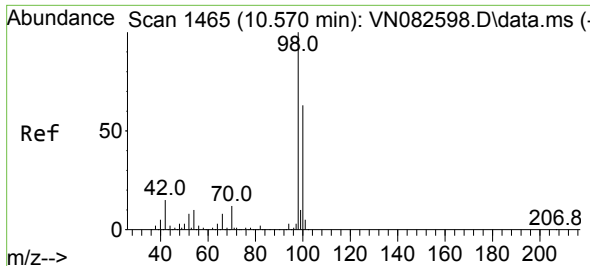
Tgt Ion:117 Resp: 13413
Ion Ratio Lower Upper
117 100
119 5.7 74.9 112.3#
121 0.0 24.3 36.5#



#43
Isopropyl Acetate
Concen: 2.186 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VN082622.D
Acq: 18 Jun 2024 10:41

Tgt Ion: 43 Resp: 12877
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#

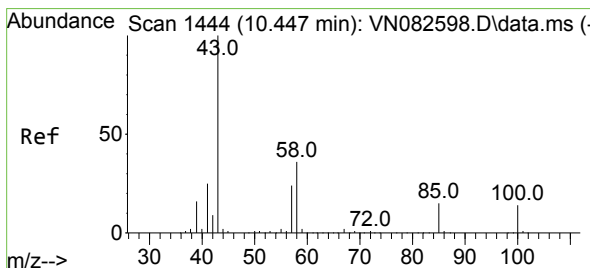
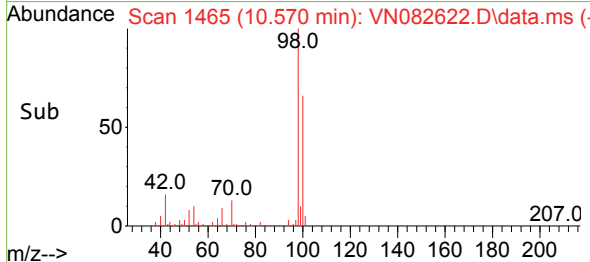
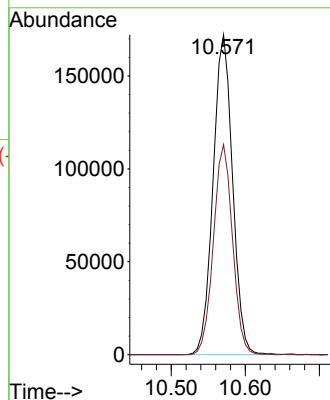
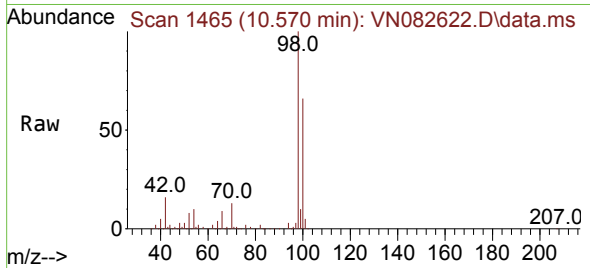




#50
Toluene-d8
Concen: 50.231 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082622.D
Acq: 18 Jun 2024 10:41

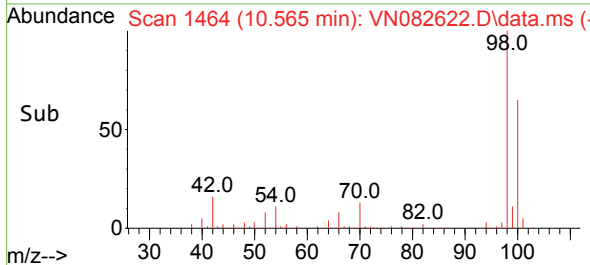
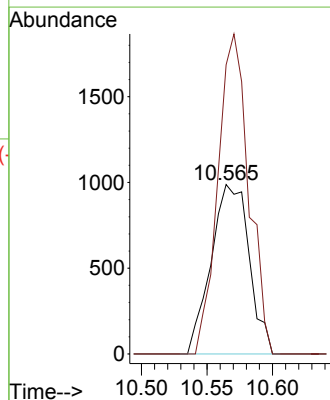
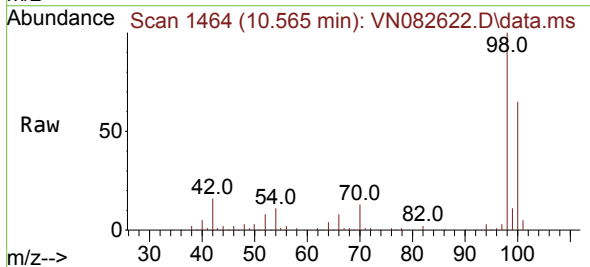
Instrument :
MSVOA_N
ClientSampleId :

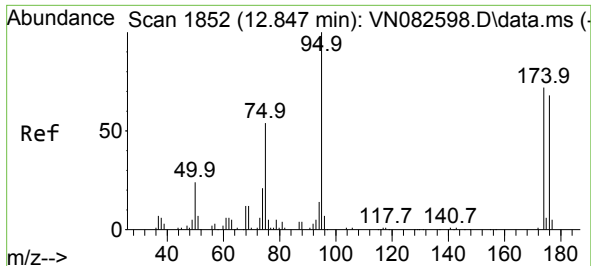
Tgt Ion: 98 Resp: 314491
Ion Ratio Lower Upper
98 100
100 64.4 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.660 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN082622.D
Acq: 18 Jun 2024 10:41

Tgt Ion: 43 Resp: 1994
Ion Ratio Lower Upper
43 100
58 153.3 28.2 42.4#





#62

4-Bromofluorobenzene

Concen: 48.515 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN082622.D

Acq: 18 Jun 2024 10:41

Instrument :

MSVOA_N

ClientSampleId :

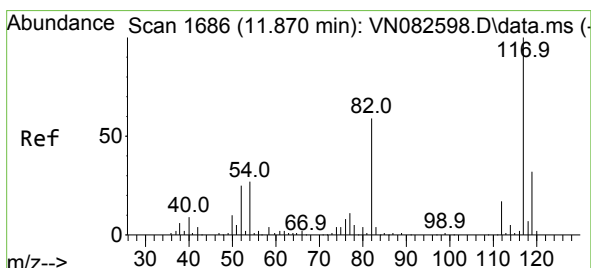
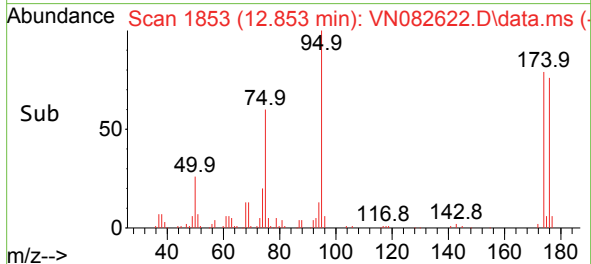
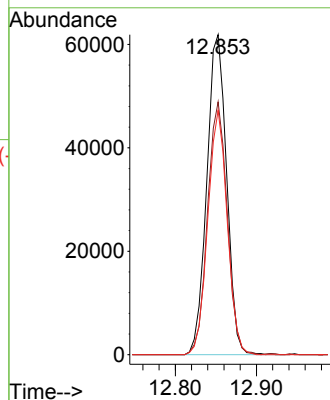
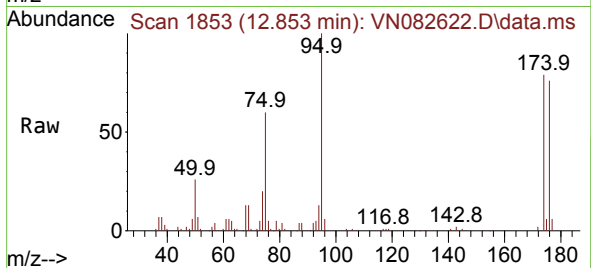
Tgt Ion: 95 Resp: 104722

Ion Ratio Lower Upper

95 100

174 78.3 0.0 159.2

176 74.8 0.0 147.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VN082622.D

Acq: 18 Jun 2024 10:41

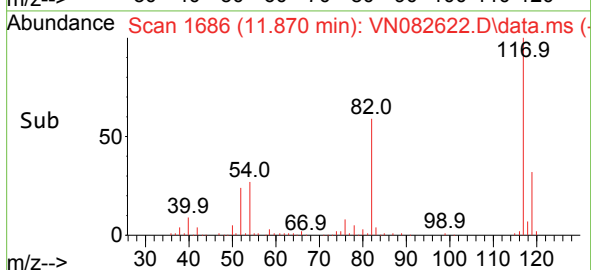
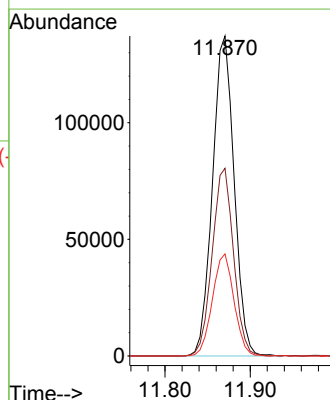
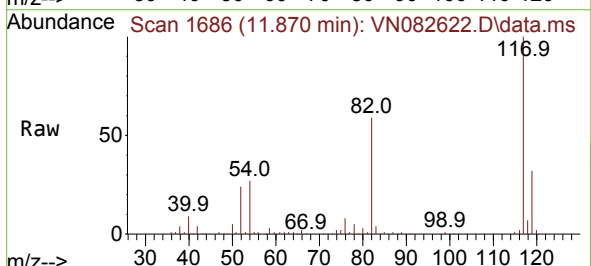
Tgt Ion: 117 Resp: 242026

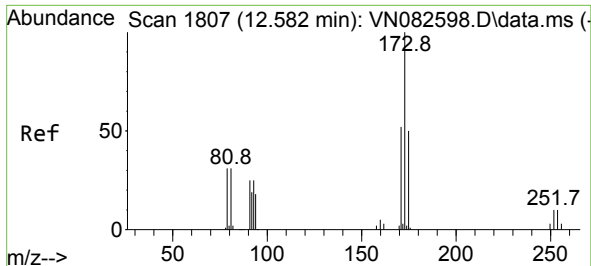
Ion Ratio Lower Upper

117 100

82 58.7 47.5 71.3

119 31.9 25.6 38.4

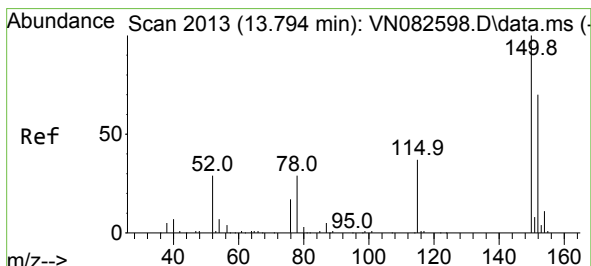
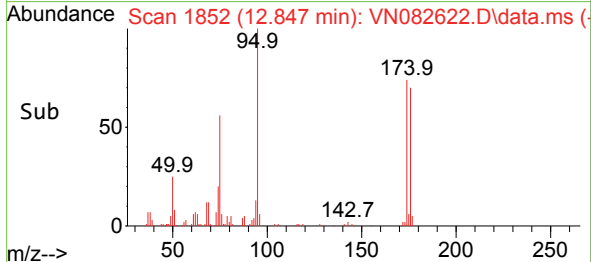
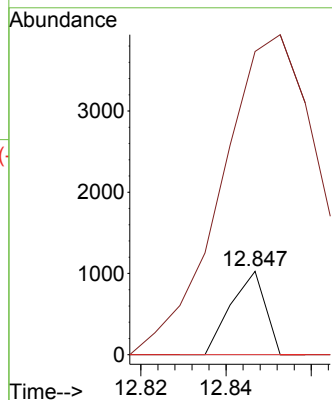
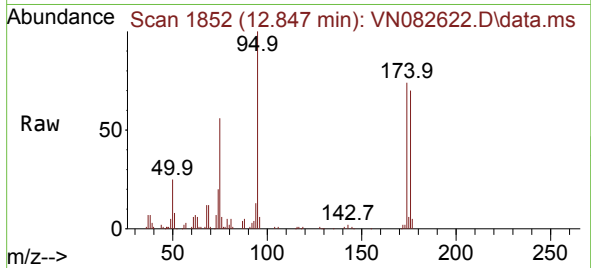




#71
Bromoform
Concen: 0.370 ug/l
RT: 12.847 min Scan# 1807
Delta R.T. 0.265 min
Lab File: VN082622.D
Acq: 18 Jun 2024 10:41

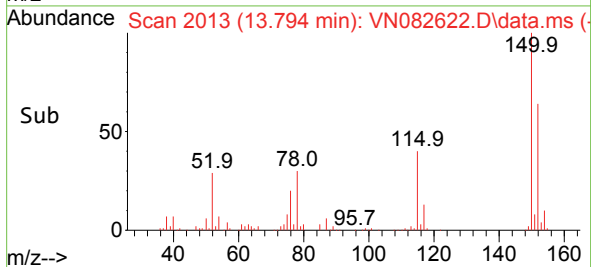
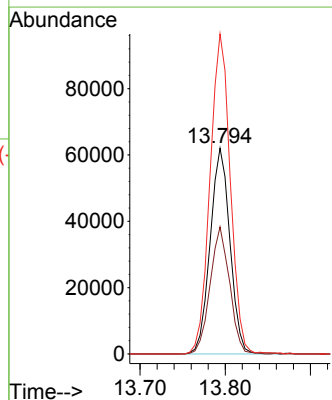
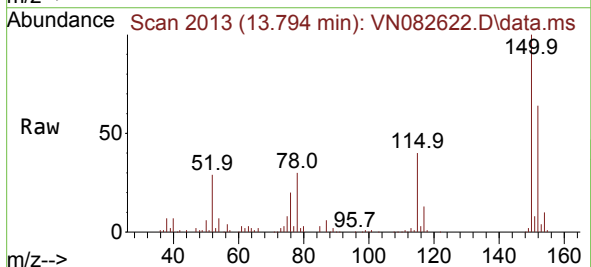
Instrument :
MSVOA_N
ClientSampleId :

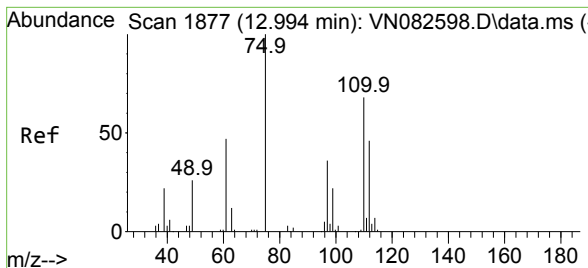
Tgt Ion:173 Resp: 579
Ion Ratio Lower Upper
173 100
175 943.7 24.0 72.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082622.D
Acq: 18 Jun 2024 10:41

Tgt Ion:152 Resp: 100116
Ion Ratio Lower Upper
152 100
115 60.7 30.6 91.6
150 159.2 0.0 348.6





#76

1,2,3-Trichloropropane

Concen: 24.901 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN082622.D

Acq: 18 Jun 2024 10:41

Instrument :

MSVOA_N

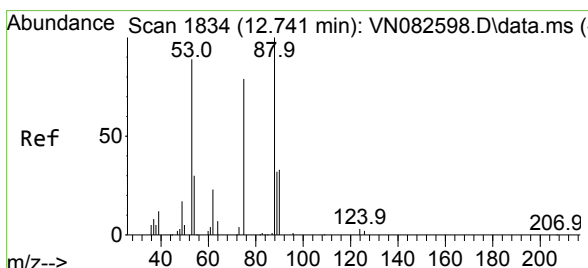
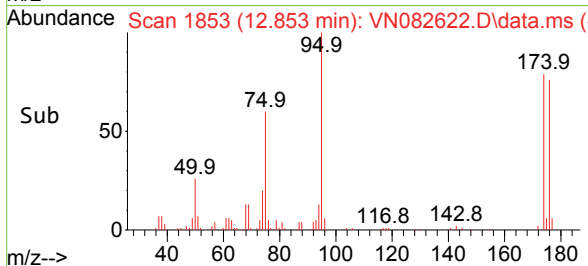
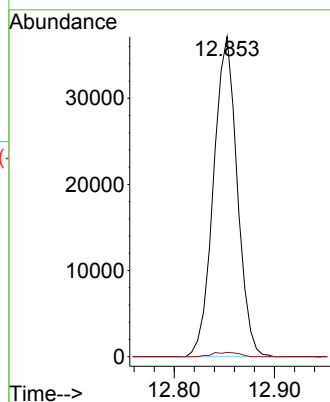
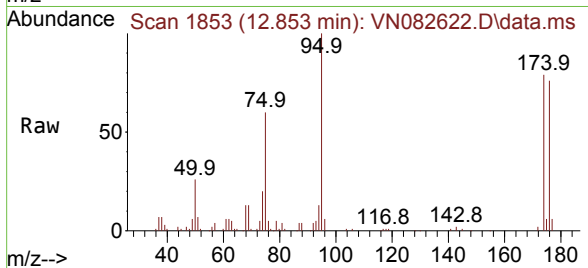
ClientSampleId :

Tgt Ion: 75 Resp: 60975

Ion Ratio Lower Upper

75 100

77 1.5 110.9 332.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 59.574 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN082622.D

Acq: 18 Jun 2024 10:41

Tgt Ion: 75 Resp: 60975

Ion Ratio Lower Upper

75 100

53 0.1 88.4 132.6#

89 0.0 36.3 54.5#

