

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062024\
 Data File : VN082657.D
 Acq On : 20 Jun 2024 10:34
 Operator : JC\MD
 Sample : VN0620MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 21 02:01:40 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)

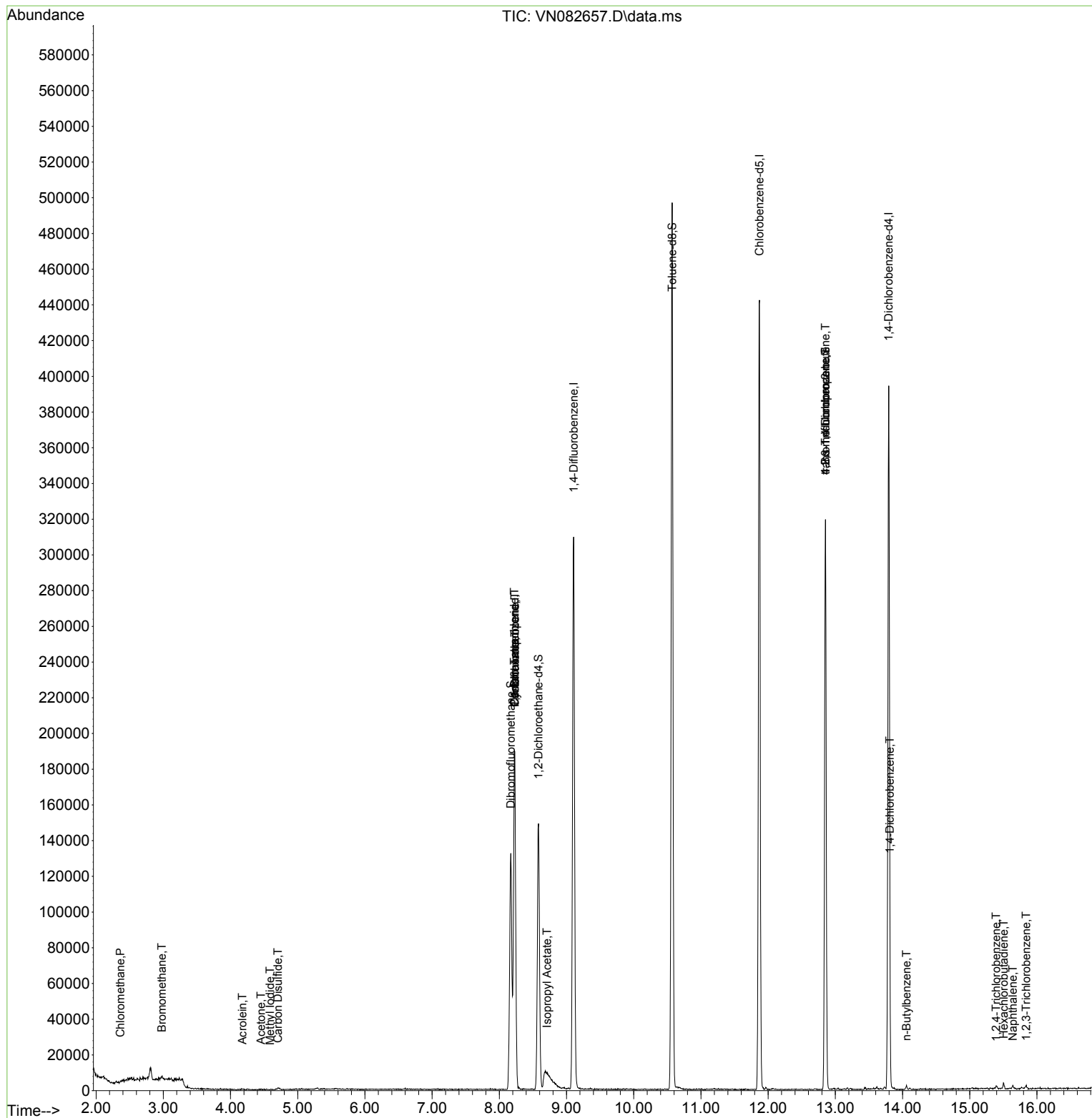
Internal Standards						
1) Pentafluorobenzene	8.230	168	132037	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	249055	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	240108	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	99937	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	121155	57.219	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 114.440%	
35) Dibromofluoromethane	8.171	113	89243	52.820	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.640%	
50) Toluene-d8	10.571	98	323487	50.629	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.260%	
62) 4-Bromofluorobenzene	12.853	95	101260	45.968	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 91.940%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.360	50	503	0.228	ug/l	99
5) Bromomethane	2.977	94	817	0.603	ug/l	97
10) Methyl Iodide	4.589	142	327	0.223	ug/l #	38
13) Acrolein	4.177	56	142	0.402	ug/l #	14
16) Acetone	4.453	43	515	0.535	ug/l #	48
17) Carbon Disulfide	4.706	76	2386	0.511	ug/l #	75
31) Cyclohexane	8.230	56	3965	1.298	ug/l #	18
36) 1,1-Dichloropropene	8.230	75	12269	4.858	ug/l #	51
38) Carbon Tetrachloride	8.224	117	14921	5.242	ug/l #	17
43) Isopropyl Acetate	8.712	43	19695	3.276	ug/l #	60
76) 1,2,3-Trichloropropane	12.853	75	57517	23.531	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	57517	56.296	ug/l #	6
88) 1,4-Dichlorobenzene	13.812	146	993	0.268	ug/l #	41
89) n-Butylbenzene	14.059	91	1284	0.241	ug/l	92
93) 1,2,4-Trichlorobenzene	15.394	180	753	0.413	ug/l #	83
94) Hexachlorobutadiene	15.506	225	625	0.695	ug/l	62
95) Naphthalene	15.641	128	2035	0.363	ug/l #	77
96) 1,2,3-Trichlorobenzene	15.841	180	1058	0.569	ug/l #	81

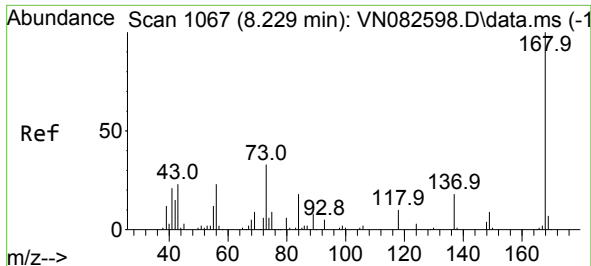
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : VN0620MBL01
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ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

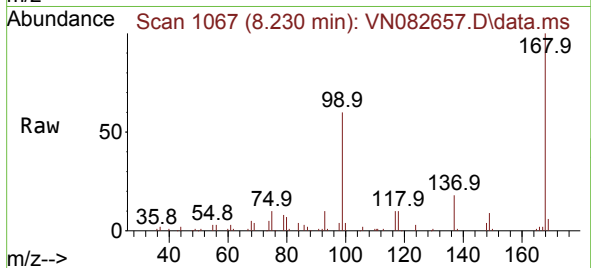
Quant Time: Jun 21 02:01:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 18 04:52:44 2024
Response via : Initial Calibration



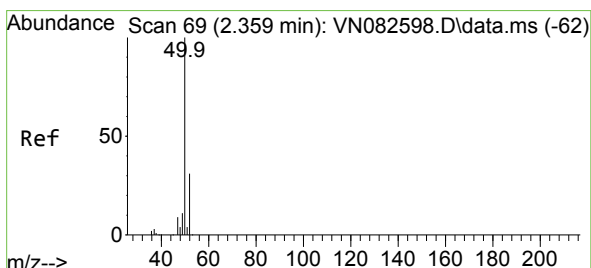
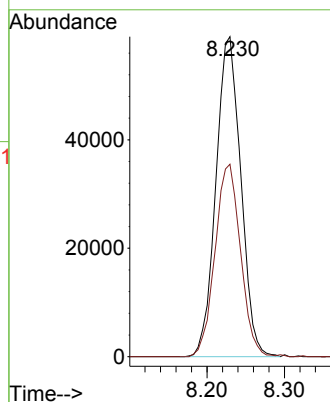
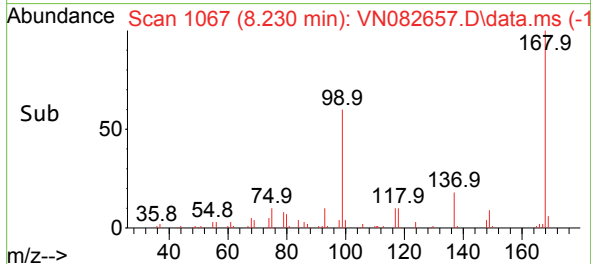


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082657.D
Acq: 20 Jun 2024 10:34

Instrument :
MSVOA_N
ClientSampleId :

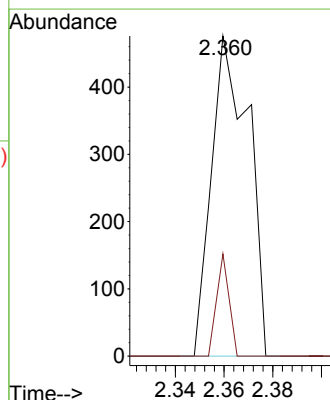
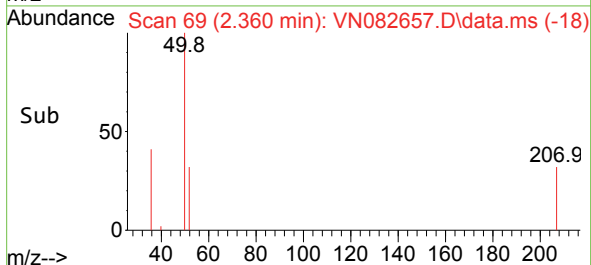
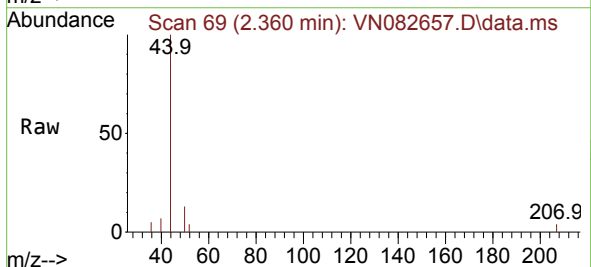


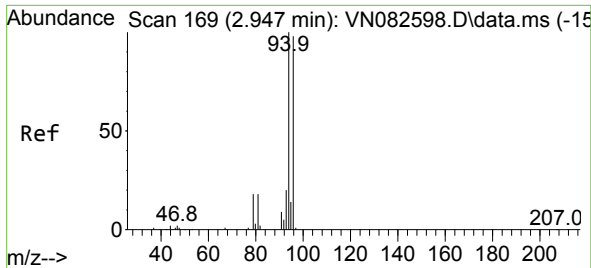
Tgt Ion:168 Resp: 132037
Ion Ratio Lower Upper
168 100
99 60.2 48.2 72.4



#3
Chloromethane
Concen: 0.228 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082657.D
Acq: 20 Jun 2024 10:34

Tgt Ion: 50 Resp: 503
Ion Ratio Lower Upper
50 100
52 31.9 25.0 37.4

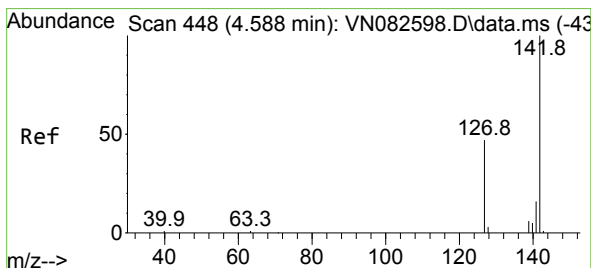
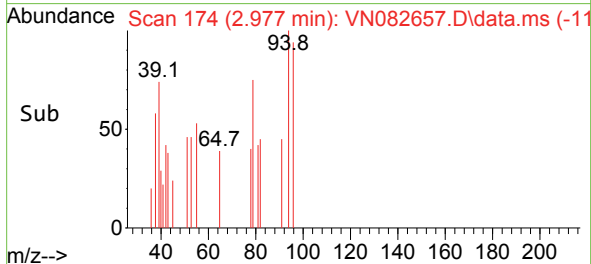
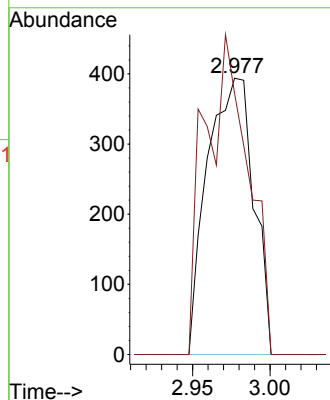
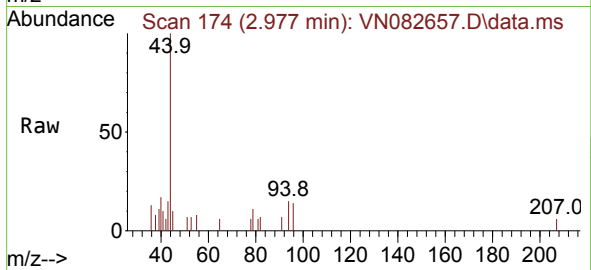




#5
Bromomethane
Concen: 0.603 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.030 min
Lab File: VN082657.D
Acq: 20 Jun 2024 10:34

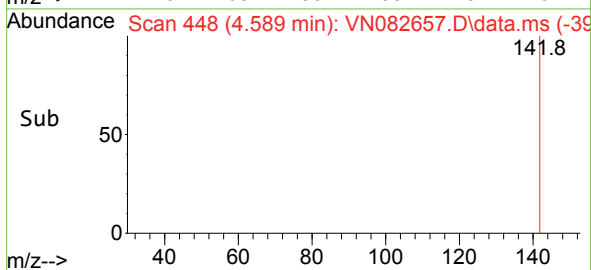
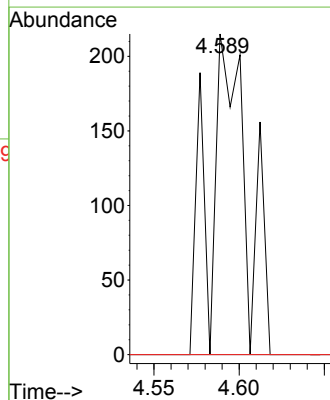
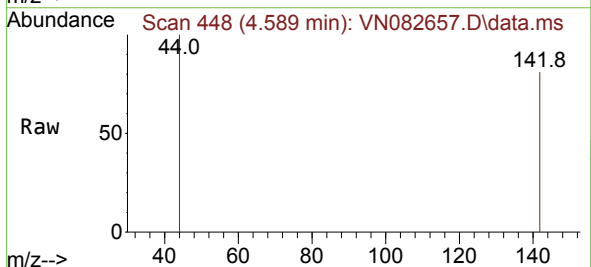
Instrument :
MSVOA_N
ClientSampleId :

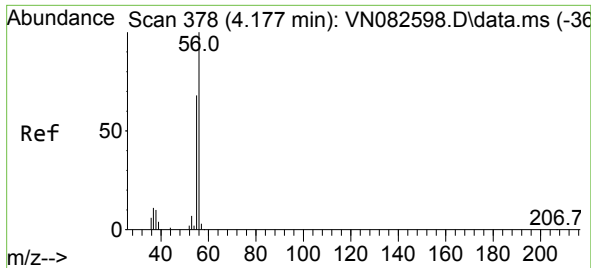
Tgt Ion: 94 Resp: 817
Ion Ratio Lower Upper
94 100
96 94.4 78.0 117.0



#10
Methyl Iodide
Concen: 0.223 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN082657.D
Acq: 20 Jun 2024 10:34

Tgt Ion:142 Resp: 327
Ion Ratio Lower Upper
142 100
127 0.0 37.5 56.3#
141 0.0 13.1 19.7#

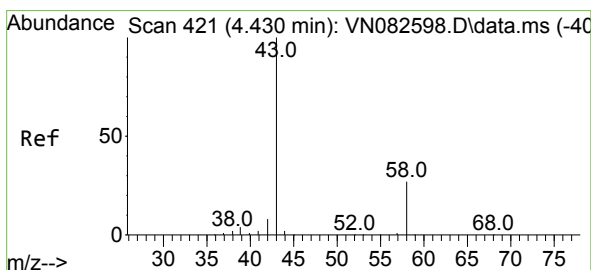
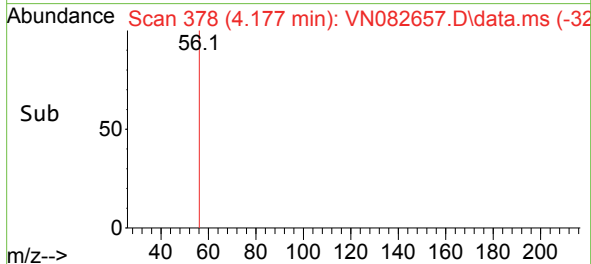
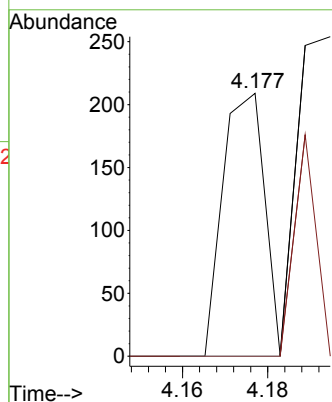
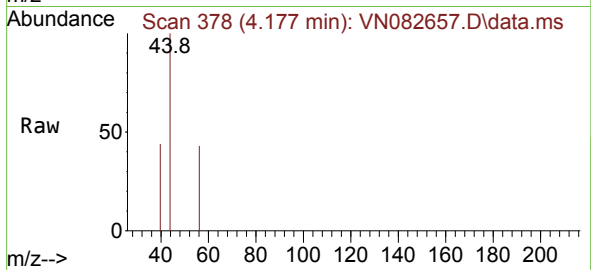




#13
Acrolein
Concen: 0.402 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN082657.D
Acq: 20 Jun 2024 10:34

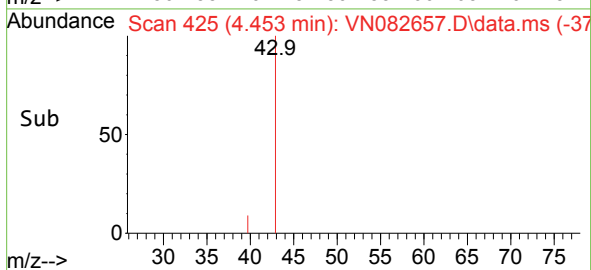
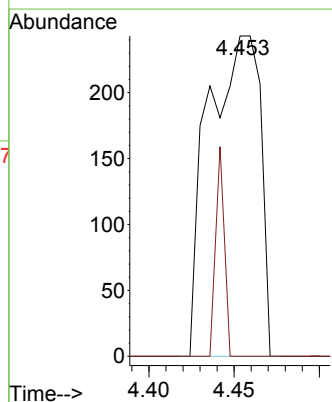
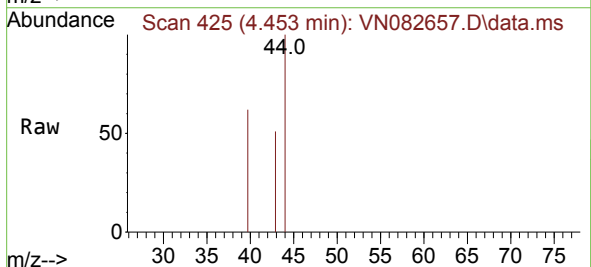
Instrument :
MSVOA_N
ClientSampleId :

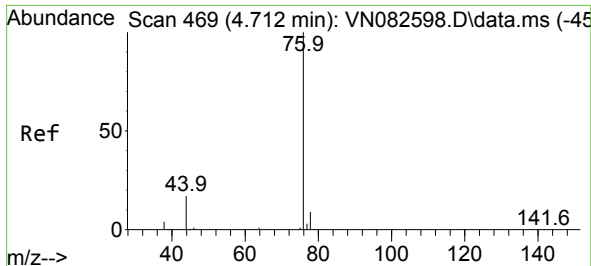
Tgt Ion: 56 Resp: 142
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 0.535 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.024 min
Lab File: VN082657.D
Acq: 20 Jun 2024 10:34

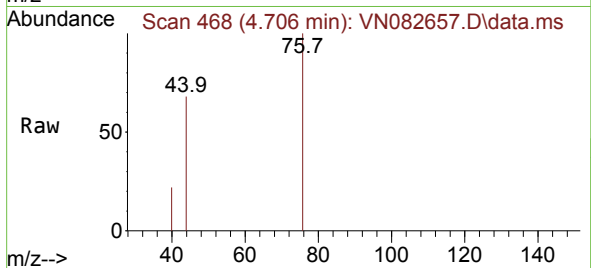
Tgt Ion: 43 Resp: 515
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



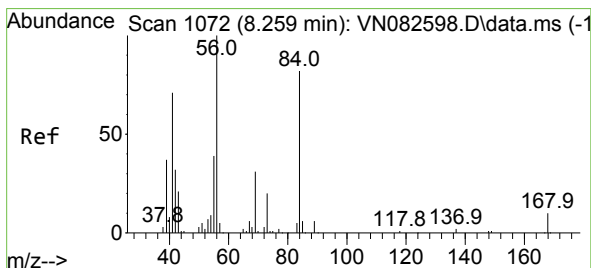
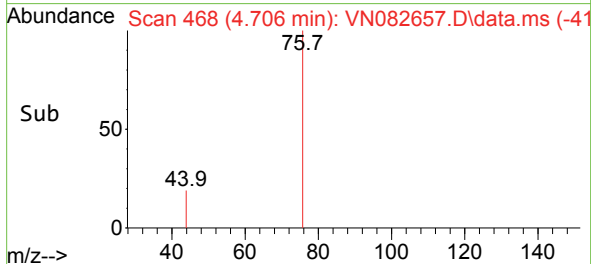
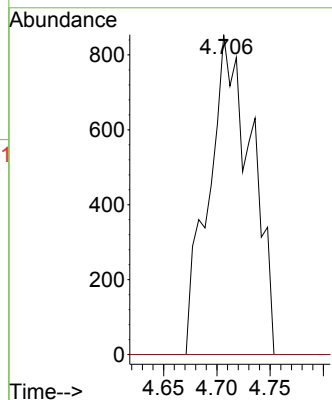


#17
Carbon Disulfide
Concen: 0.511 ug/l
RT: 4.706 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN082657.D
Acq: 20 Jun 2024 10:34

Instrument :
MSVOA_N
ClientSampleId :

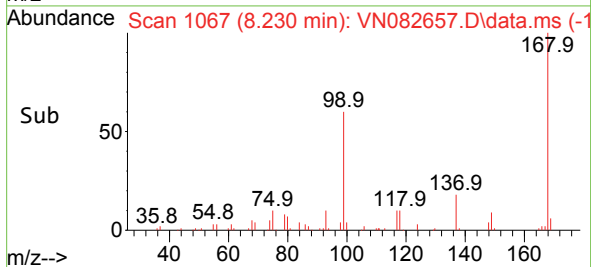
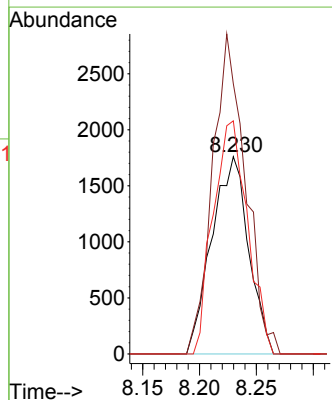
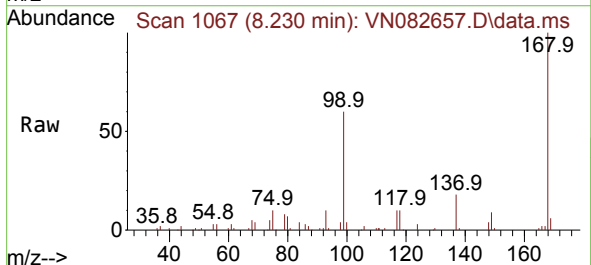


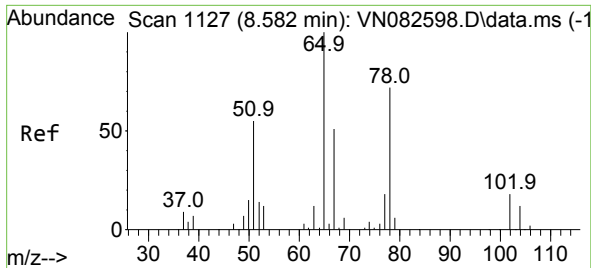
Tgt Ion: 76 Resp: 2386
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#31
Cyclohexane
Concen: 1.298 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN082657.D
Acq: 20 Jun 2024 10:34

Tgt Ion: 56 Resp: 3965
Ion Ratio Lower Upper
56 100
69 137.0 24.5 36.7#
84 118.2 66.0 99.0#





#33

1,2-Dichloroethane-d4

Concen: 57.219 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN082657.D

Acq: 20 Jun 2024 10:34

Instrument :

MSVOA_N

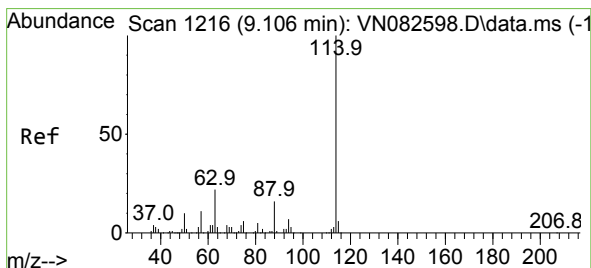
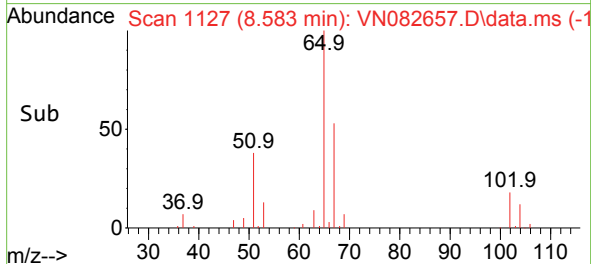
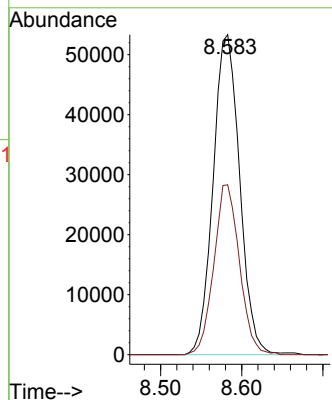
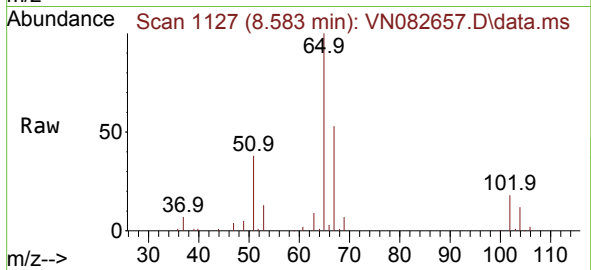
ClientSampleId :

Tgt Ion: 65 Resp: 121155

Ion Ratio Lower Upper

65 100

67 51.3 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: VN082657.D

Acq: 20 Jun 2024 10:34

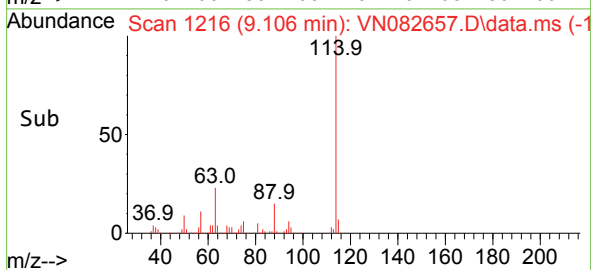
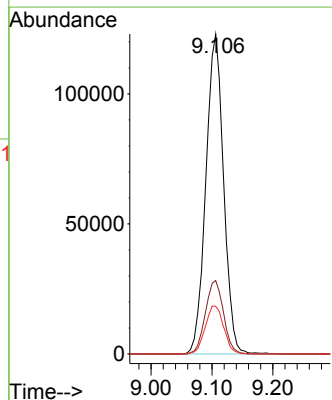
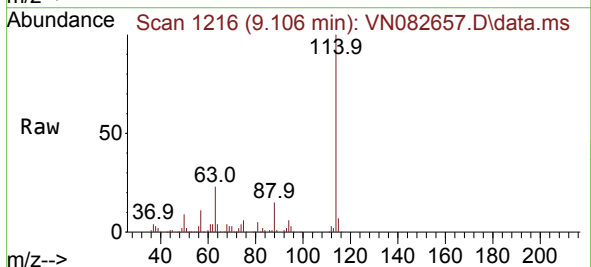
Tgt Ion: 114 Resp: 249055

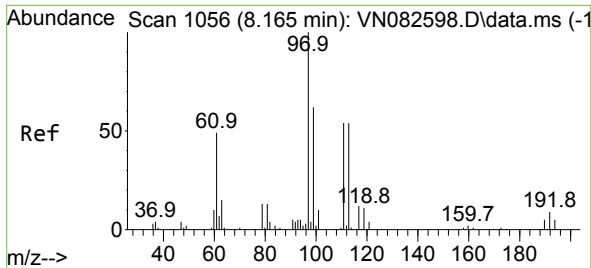
Ion Ratio Lower Upper

114 100

63 23.0 0.0 44.6

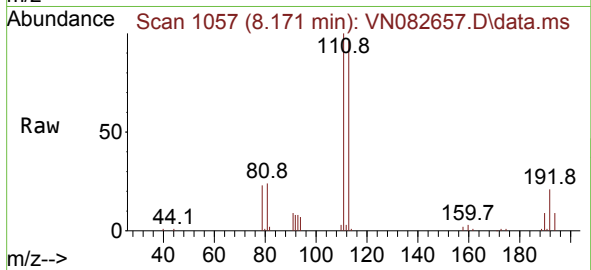
88 14.9 0.0 31.4



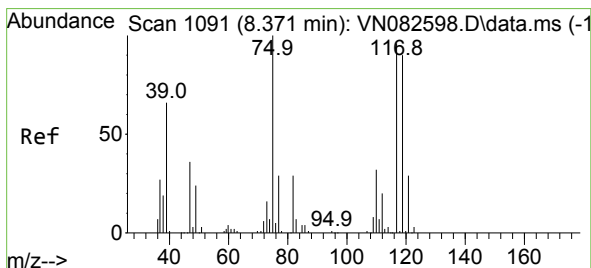
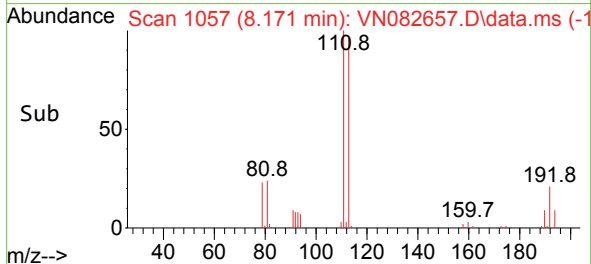
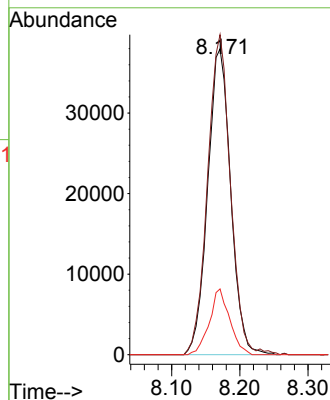


#35
Dibromofluoromethane
Concen: 52.820 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN082657.D
Acq: 20 Jun 2024 10:34

Instrument :
MSVOA_N
ClientSampleId :

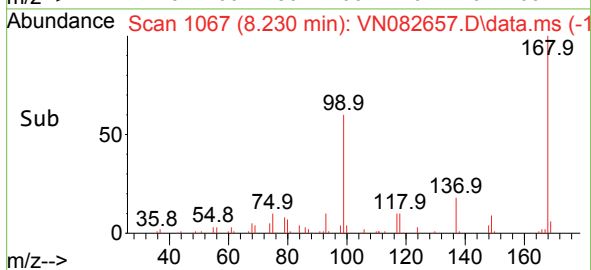
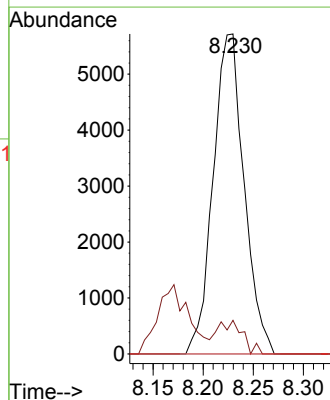
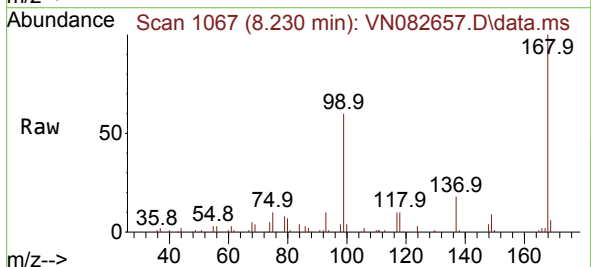


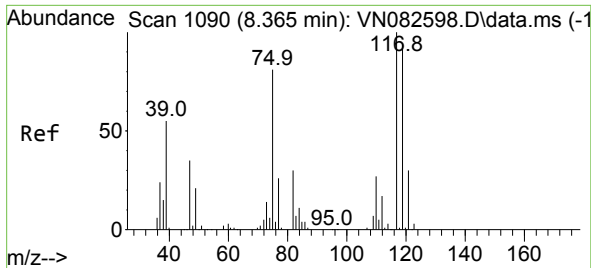
Tgt Ion:113 Resp: 89243
Ion Ratio Lower Upper
113 100
111 104.3 82.4 123.6
192 19.0 14.9 22.3



#36
1,1-Dichloropropene
Concen: 4.858 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN082657.D
Acq: 20 Jun 2024 10:34

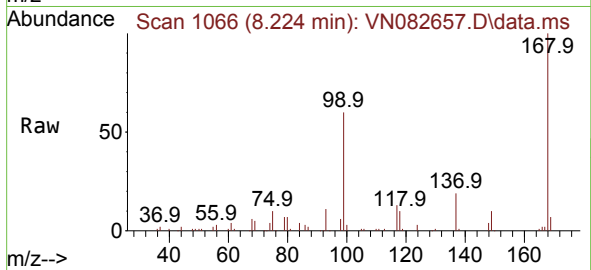
Tgt Ion: 75 Resp: 12269
Ion Ratio Lower Upper
75 100
110 8.5 16.3 48.9#
77 0.0 24.6 37.0#



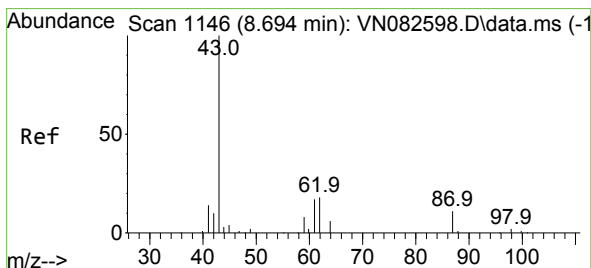
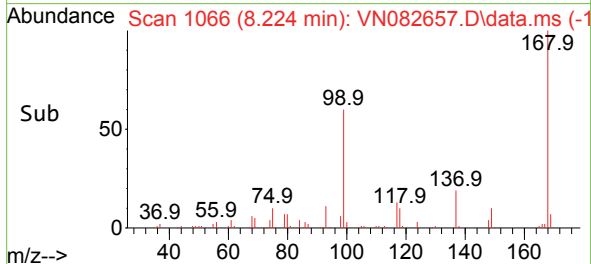
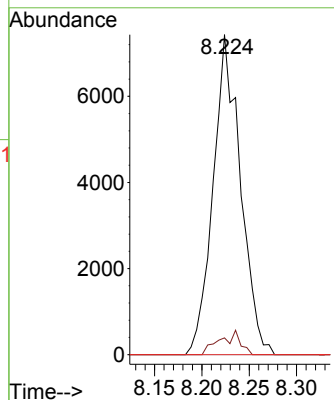


#38
Carbon Tetrachloride
Concen: 5.242 ug/l
RT: 8.224 min Scan# 1106
Delta R.T. -0.141 min
Lab File: VN082657.D
Acq: 20 Jun 2024 10:34

Instrument :
MSVOA_N
ClientSampleId :

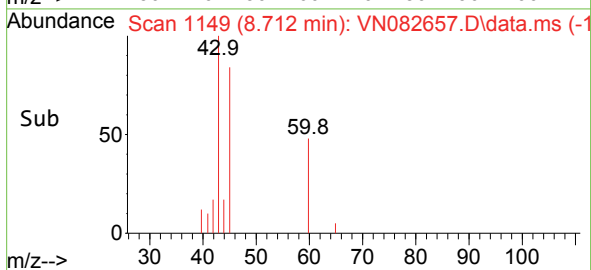
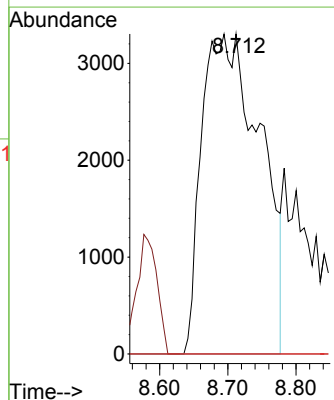
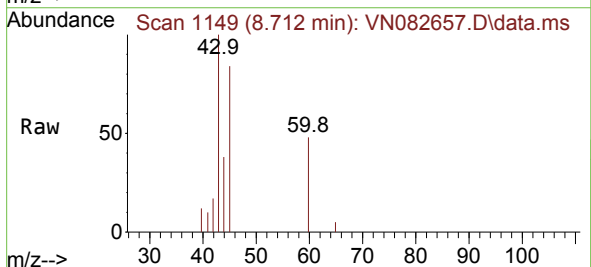


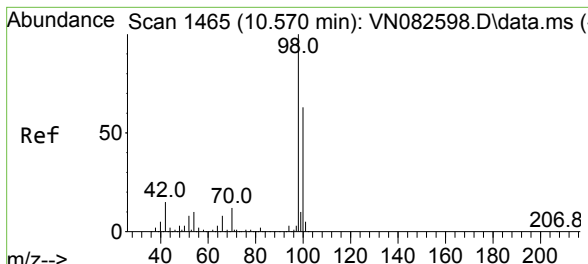
Tgt Ion:117 Resp: 14921
Ion Ratio Lower Upper
117 100
119 5.3 74.9 112.3#
121 0.0 24.3 36.5#



#43
Isopropyl Acetate
Concen: 3.276 ug/l
RT: 8.712 min Scan# 1149
Delta R.T. 0.018 min
Lab File: VN082657.D
Acq: 20 Jun 2024 10:34

Tgt Ion: 43 Resp: 19695
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#

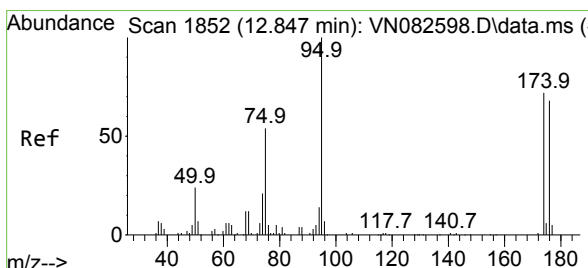
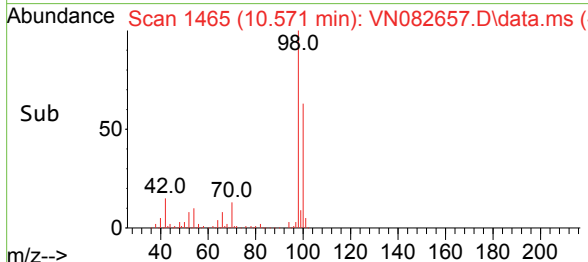
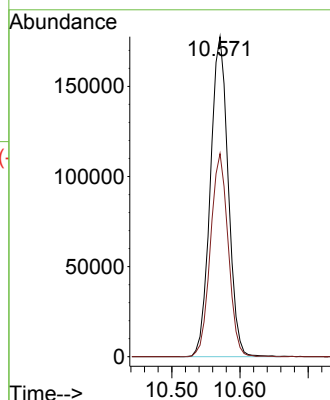
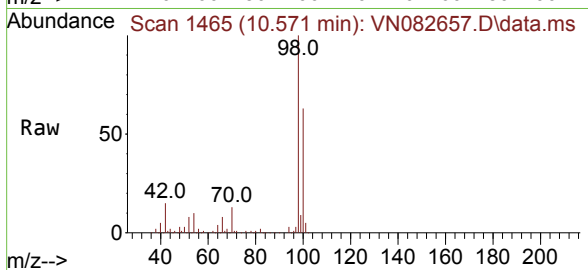




#50
Toluene-d8
Concen: 50.629 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082657.D
Acq: 20 Jun 2024 10:34

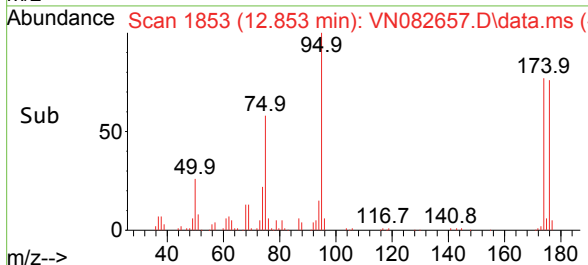
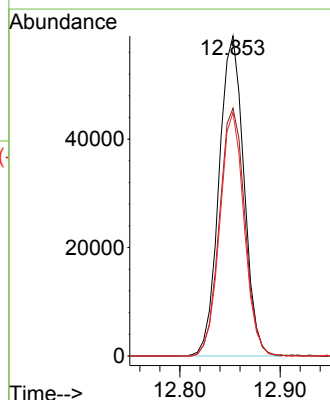
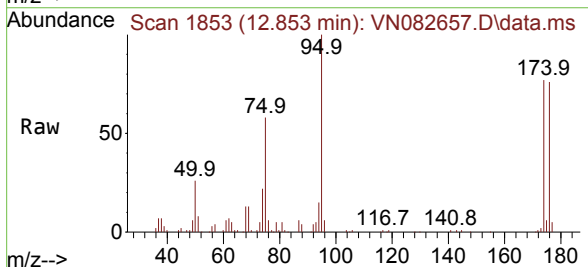
Instrument :
MSVOA_N
ClientSampleId :

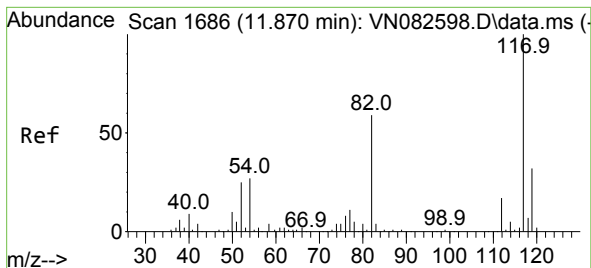
Tgt Ion: 98 Resp: 323487
Ion Ratio Lower Upper
98 100
100 63.0 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 45.968 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082657.D
Acq: 20 Jun 2024 10:34

Tgt Ion: 95 Resp: 101260
Ion Ratio Lower Upper
95 100
174 79.4 0.0 159.2
176 74.8 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN082657.D

Acq: 20 Jun 2024 10:34

Instrument :

MSVOA_N

ClientSampleId :

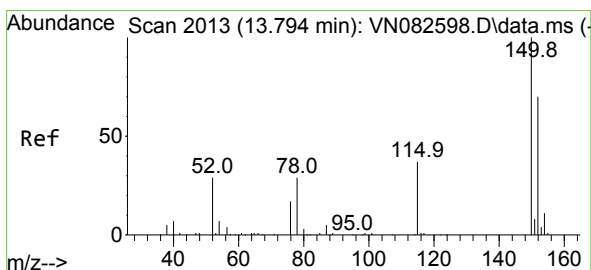
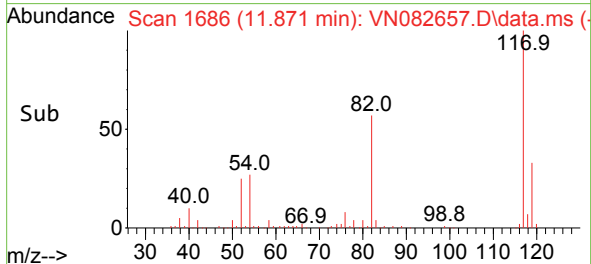
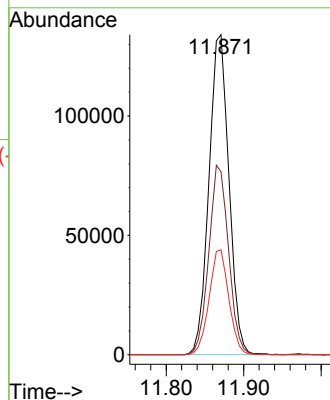
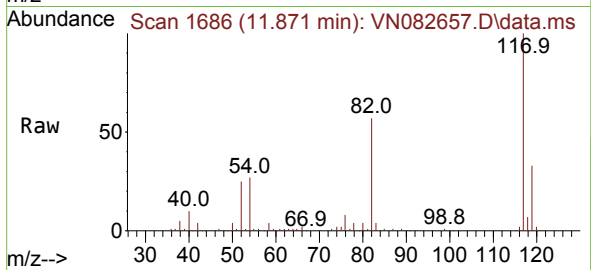
Tgt Ion:117 Resp: 240108

Ion Ratio Lower Upper

117 100

82 57.2 47.5 71.3

119 32.8 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: VN082657.D

Acq: 20 Jun 2024 10:34

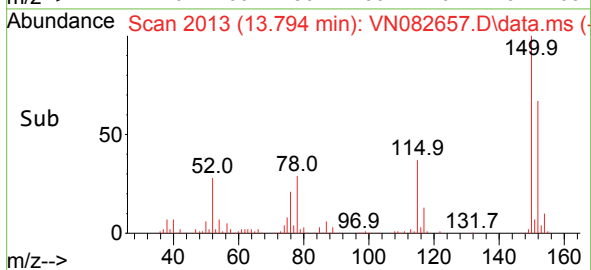
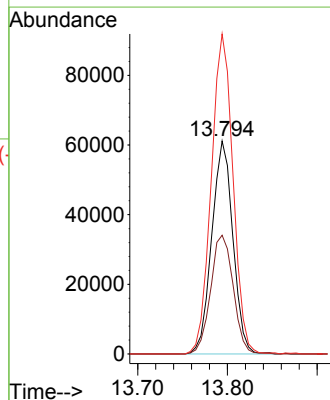
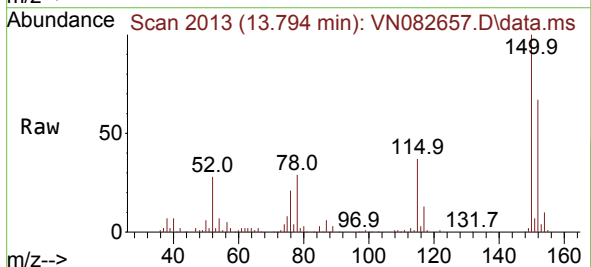
Tgt Ion:152 Resp: 99937

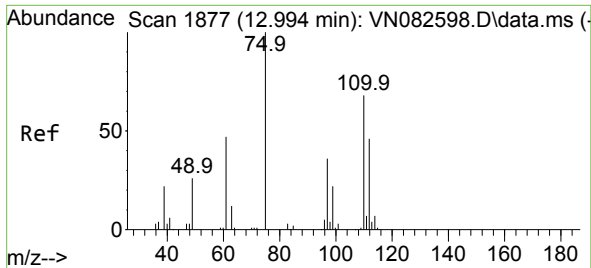
Ion Ratio Lower Upper

152 100

115 59.6 30.6 91.6

150 154.4 0.0 348.6

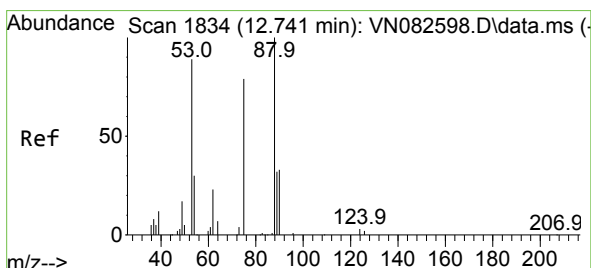
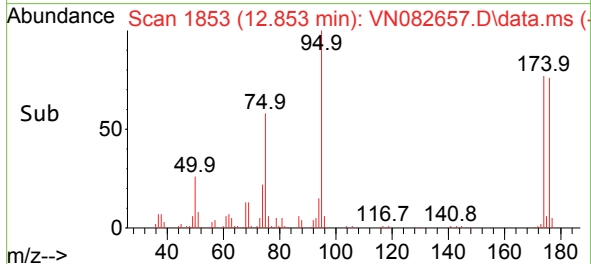
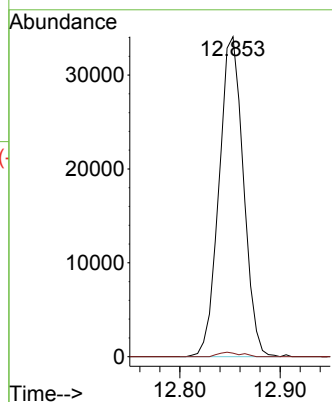
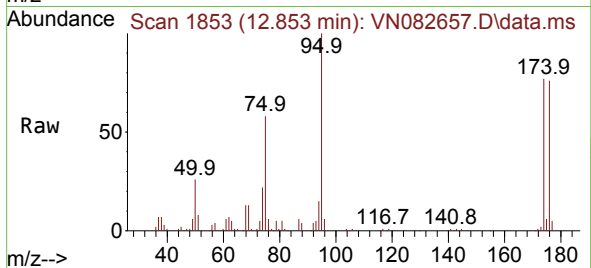




#76
1,2,3-Trichloropropane
Concen: 23.531 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN082657.D
Acq: 20 Jun 2024 10:34

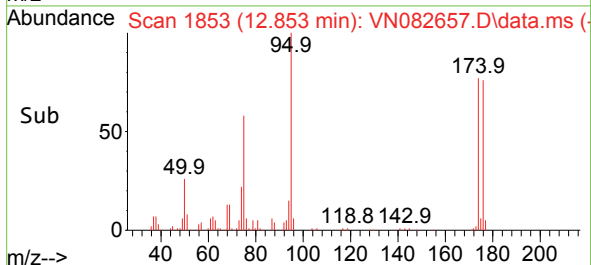
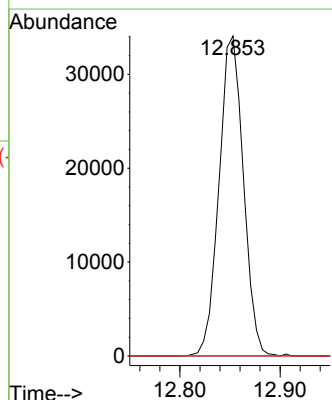
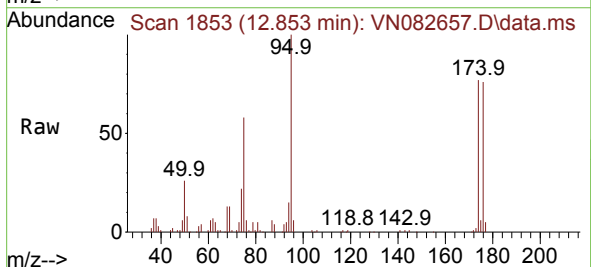
Instrument :
MSVOA_N
ClientSampleId :

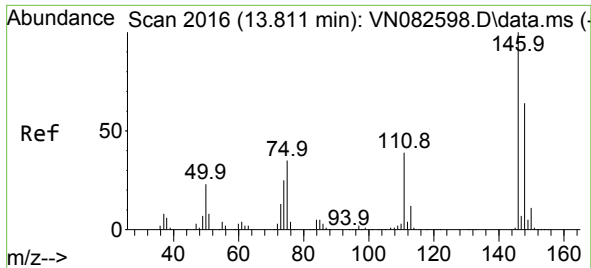
Tgt Ion: 75 Resp: 57517
Ion Ratio Lower Upper
75 100
77 1.3 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.296 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN082657.D
Acq: 20 Jun 2024 10:34

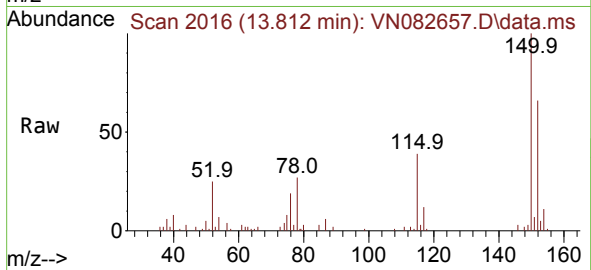
Tgt Ion: 75 Resp: 57517
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#



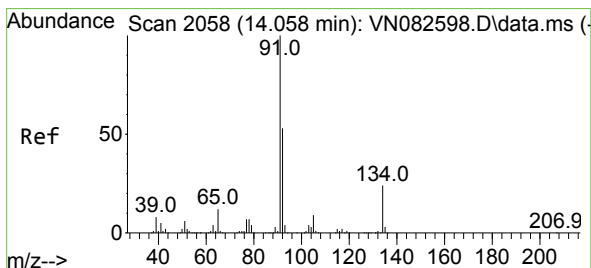
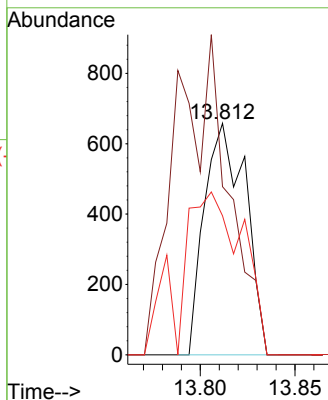
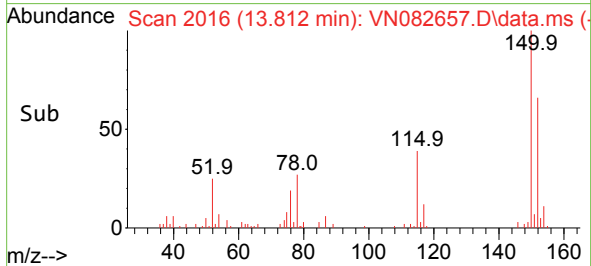


#88
1,4-Dichlorobenzene
Concen: 0.268 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN082657.D
Acq: 20 Jun 2024 10:34

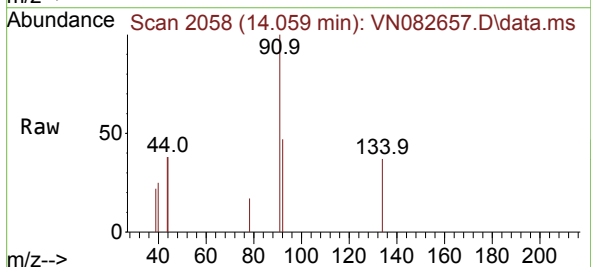
Instrument :
MSVOA_N
ClientSampleId :



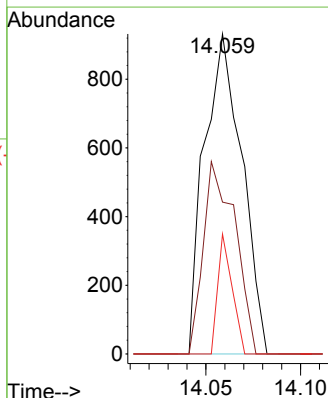
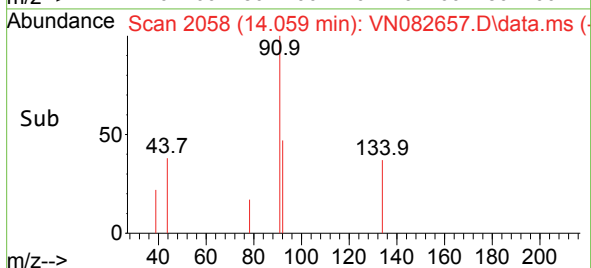
Tgt Ion:146 Resp: 993
Ion Ratio Lower Upper
146 100
111 0.0 20.1 60.3#
148 107.3 32.2 96.6#

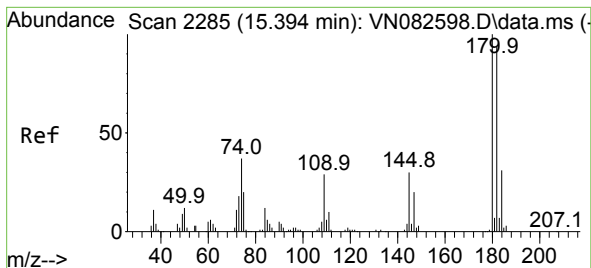


#89
n-Butylbenzene
Concen: 0.241 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN082657.D
Acq: 20 Jun 2024 10:34



Tgt Ion: 91 Resp: 1284
Ion Ratio Lower Upper
91 100
92 50.9 26.1 78.3
134 14.3 12.1 36.3





#93

1,2,4-Trichlorobenzene

Concen: 0.413 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

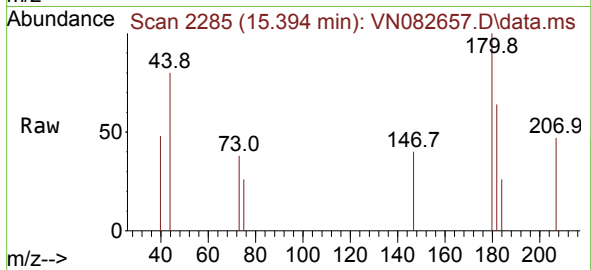
Lab File: VN082657.D

Acq: 20 Jun 2024 10:34

Instrument :

MSVOA_N

ClientSampleId :



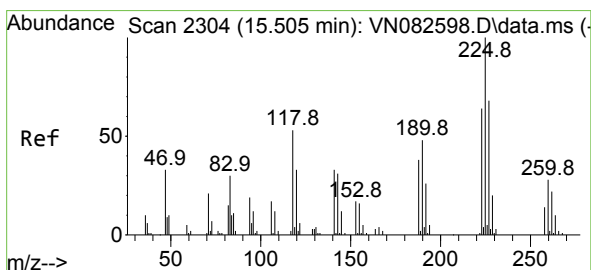
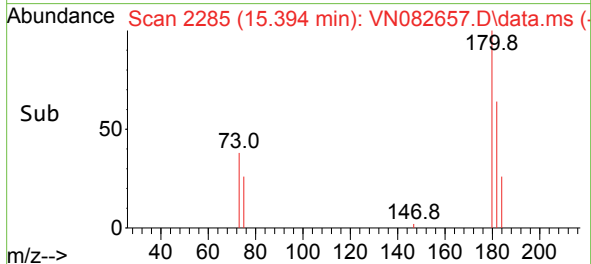
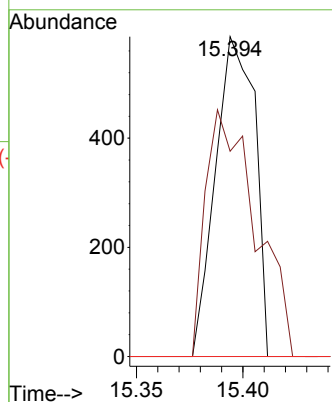
Tgt Ion:180 Resp: 753

Ion Ratio Lower Upper

180 100

182 98.5 47.3 141.8

145 0.0 15.7 47.1#



#94

Hexachlorobutadiene

Concen: 0.695 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.001 min

Lab File: VN082657.D

Acq: 20 Jun 2024 10:34

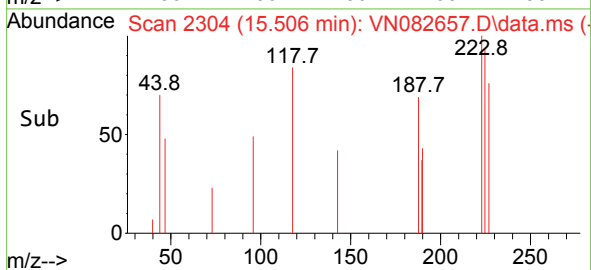
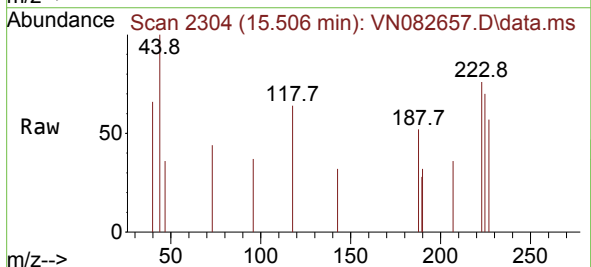
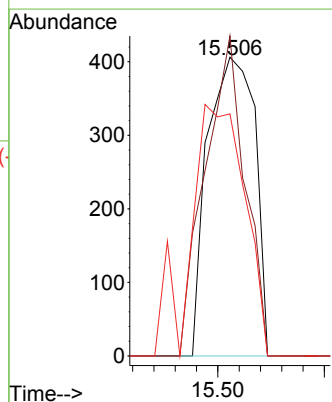
Tgt Ion:225 Resp: 625

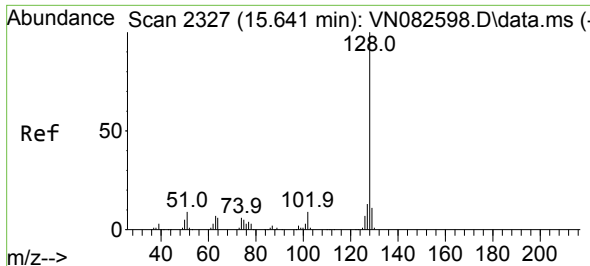
Ion Ratio Lower Upper

225 100

223 90.9 31.9 95.7

227 96.8 32.5 97.5

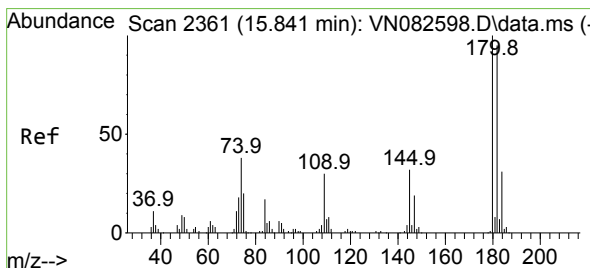
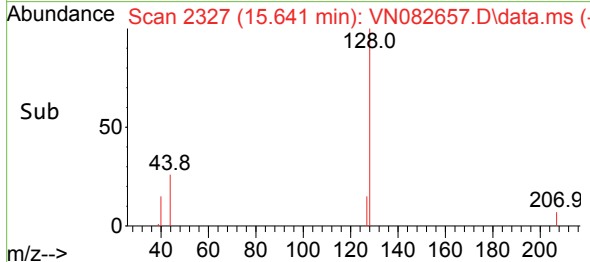
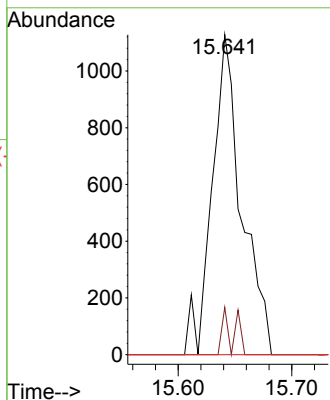
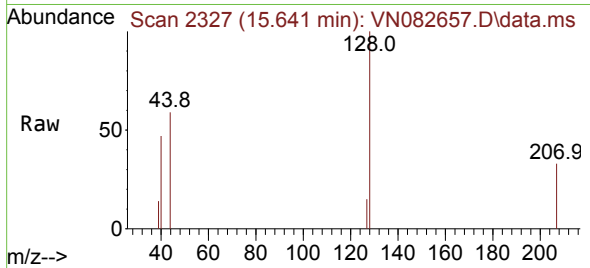




#95
Naphthalene
Concen: 0.363 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN082657.D
Acq: 20 Jun 2024 10:34

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 2035
Ion Ratio Lower Upper
128 100
127 5.6 10.6 16.0#
129 0.0 8.6 12.8#



#96
1,2,3-Trichlorobenzene
Concen: 0.569 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN082657.D
Acq: 20 Jun 2024 10:34

Tgt Ion:180 Resp: 1058
Ion Ratio Lower Upper
180 100
182 87.8 48.9 146.8
145 8.2 16.8 50.4#

