

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061824\
 Data File : VN082621.D
 Acq On : 18 Jun 2024 10:17
 Operator : JC\MD
 Sample : VN0618MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 19 00:51:34 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)

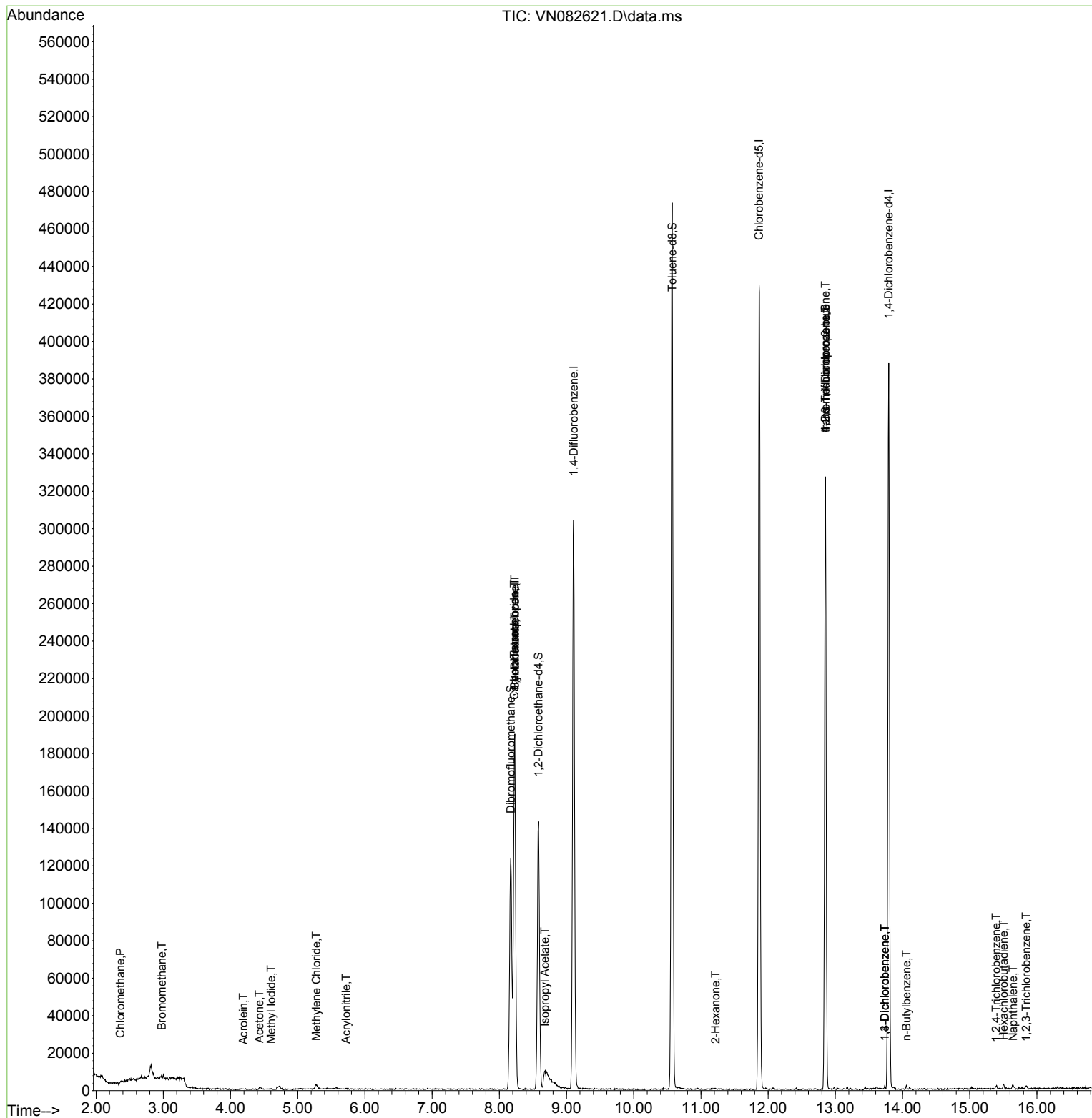
Internal Standards						
1) Pentafluorobenzene	8.230	168	133372	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	240499	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	232668	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	97472	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	116681	54.554	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.100%	
35) Dibromofluoromethane	8.171	113	85525	52.420	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.840%	
50) Toluene-d8	10.571	98	310501	50.326	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.660%	
62) 4-Bromofluorobenzene	12.853	95	101737	47.828	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 95.660%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	870	0.390	ug/l	100
5) Bromomethane	2.977	94	1288	0.942	ug/l #	45
10) Methyl Iodide	4.606	142	542	0.366	ug/l #	30
13) Acrolein	4.189	56	339	0.951	ug/l #	38
15) Acrylonitrile	5.718	53	252	0.273	ug/l #	80
16) Acetone	4.430	43	2199	2.261	ug/l #	48
20) Methylene Chloride	5.277	84	1374	0.803	ug/l #	79
31) Cyclohexane	8.230	56	3656	1.184	ug/l #	15
36) 1,1-Dichloropropene	8.230	75	12098	4.960	ug/l #	51
38) Carbon Tetrachloride	8.224	117	14048	5.111	ug/l #	19
43) Isopropyl Acetate	8.677	43	6532	1.125	ug/l #	60
59) 2-Hexanone	11.218	43	524	0.232	ug/l #	28
76) 1,2,3-Trichloropropane	12.853	75	58939	24.723	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	58939	59.147	ug/l #	6
87) 1,3-Dichlorobenzene	13.735	146	733	0.212	ug/l	69
88) 1,4-Dichlorobenzene	13.735	146	733	0.203	ug/l	69
89) n-Butylbenzene	14.059	91	1295	0.249	ug/l #	76
93) 1,2,4-Trichlorobenzene	15.394	180	773	0.435	ug/l	94
94) Hexachlorobutadiene	15.506	225	701	0.799	ug/l	88
95) Naphthalene	15.647	128	2584	0.472	ug/l #	77
96) 1,2,3-Trichlorobenzene	15.841	180	1053	0.581	ug/l	81

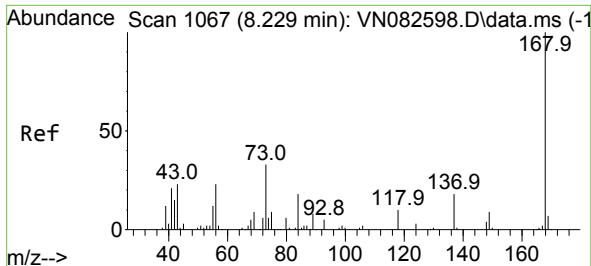
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061824\
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Acq On : 18 Jun 2024 10:17
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Sample : VN0618MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

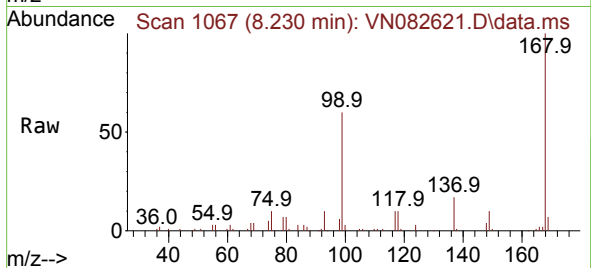
Quant Time: Jun 19 00:51:34 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 18 04:52:44 2024
Response via : Initial Calibration



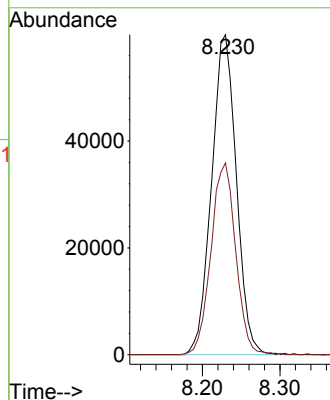
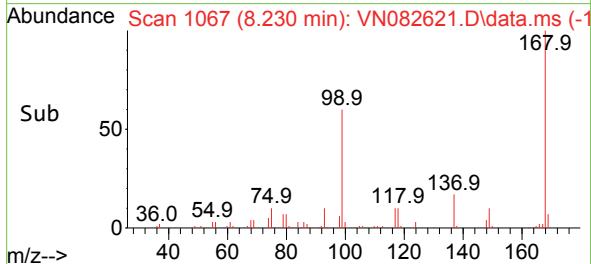


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.001 min
Lab File: VN082621.D
Acq: 18 Jun 2024 10:17

Instrument :
MSVOA_N
ClientSampleId :

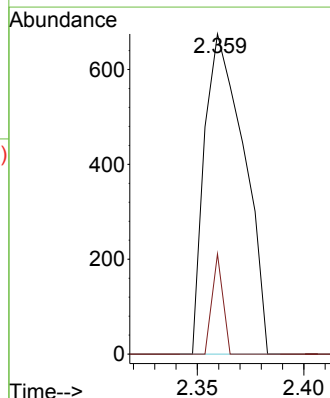
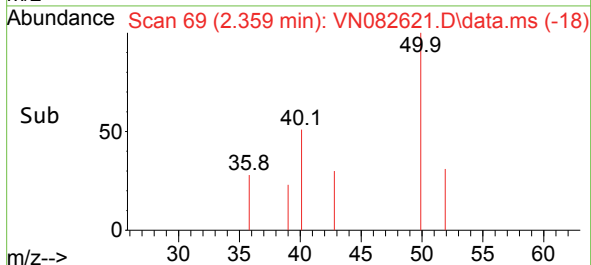
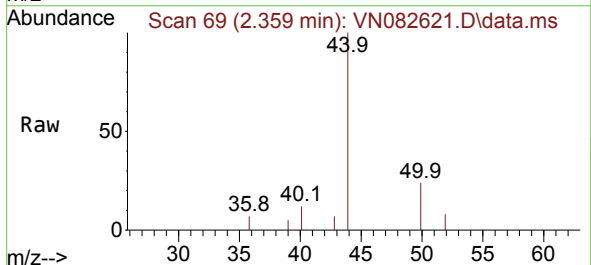


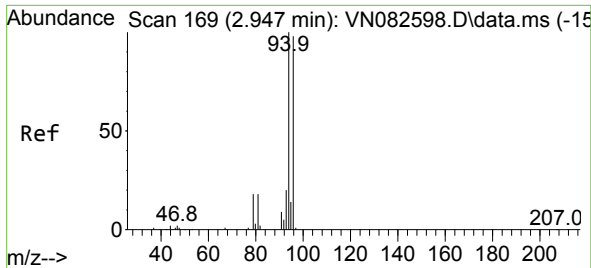
Tgt Ion:168 Resp: 133372
Ion Ratio Lower Upper
168 100
99 59.9 48.2 72.4



#3
Chloromethane
Concen: 0.390 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082621.D
Acq: 18 Jun 2024 10:17

Tgt Ion: 50 Resp: 870
Ion Ratio Lower Upper
50 100
52 31.3 25.0 37.4

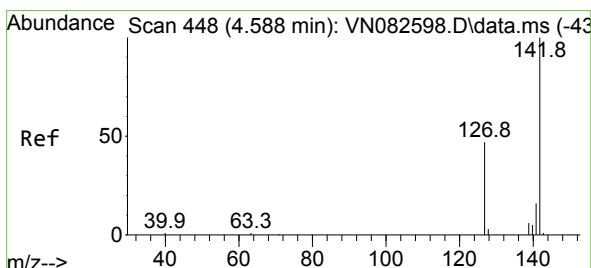
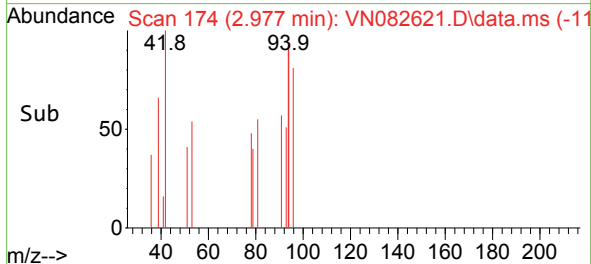
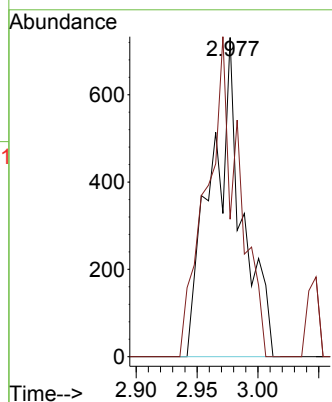
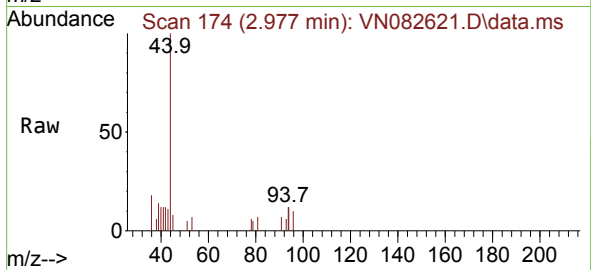




#5
Bromomethane
Concen: 0.942 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.030 min
Lab File: VN082621.D
Acq: 18 Jun 2024 10:17

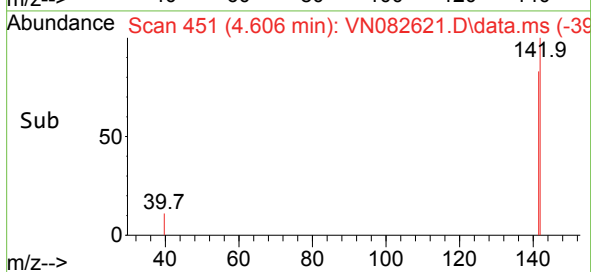
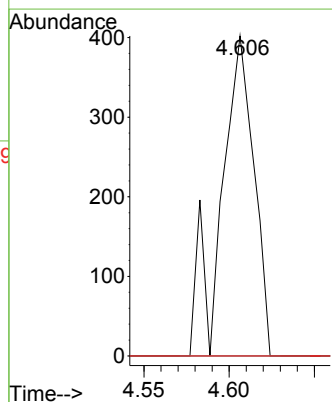
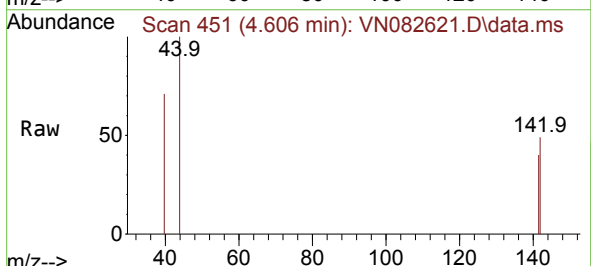
Instrument :
MSVOA_N
ClientSampleId :

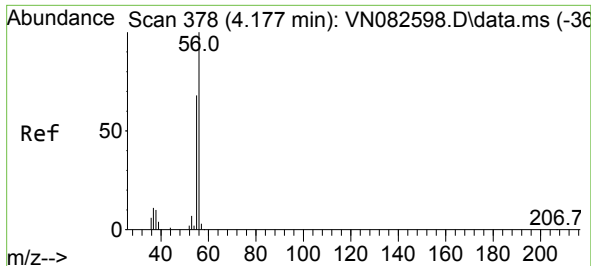
Tgt Ion: 94 Resp: 1288
Ion Ratio Lower Upper
94 100
96 43.1 78.0 117.0#



#10
Methyl Iodide
Concen: 0.366 ug/l
RT: 4.606 min Scan# 451
Delta R.T. 0.018 min
Lab File: VN082621.D
Acq: 18 Jun 2024 10:17

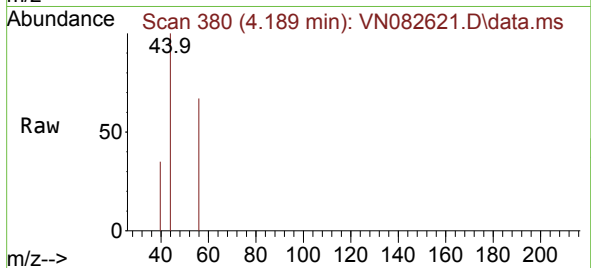
Tgt Ion:142 Resp: 542
Ion Ratio Lower Upper
142 100
127 0.0 37.5 56.3#
141 45.3 13.1 19.7#



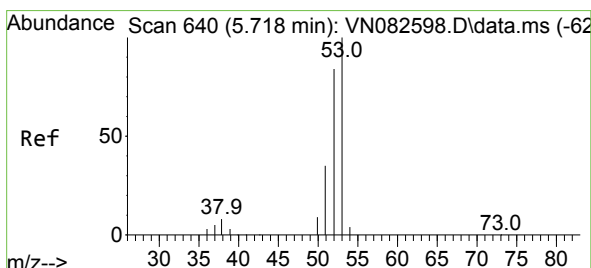
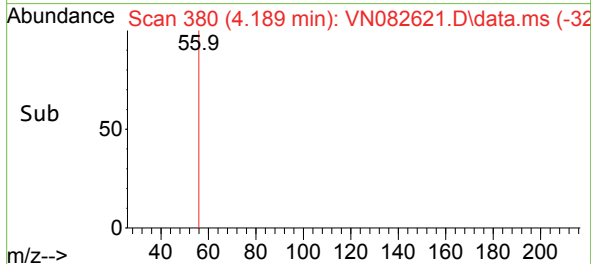
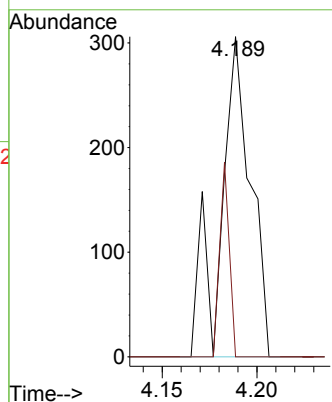


#13
Acrolein
Concen: 0.951 ug/l
RT: 4.189 min Scan# 31
Delta R.T. 0.012 min
Lab File: VN082621.D
Acq: 18 Jun 2024 10:17

Instrument :
MSVOA_N
ClientSampleId :

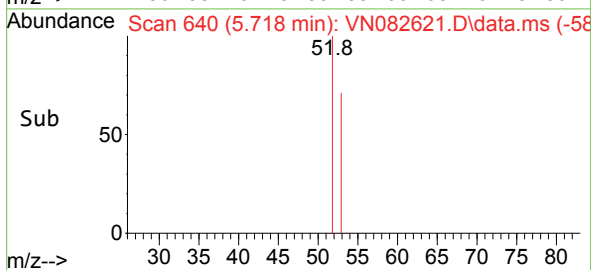
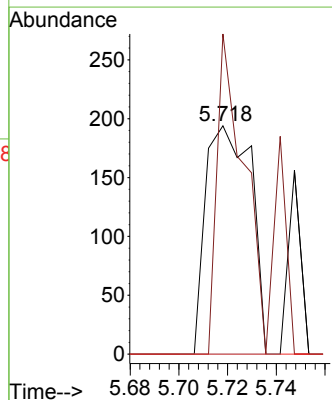
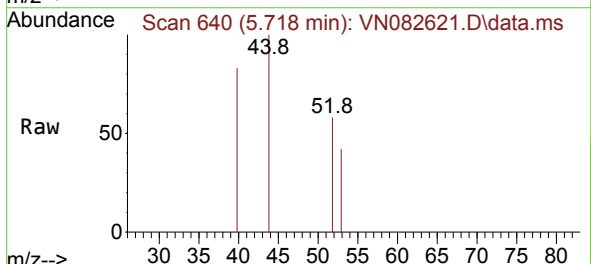


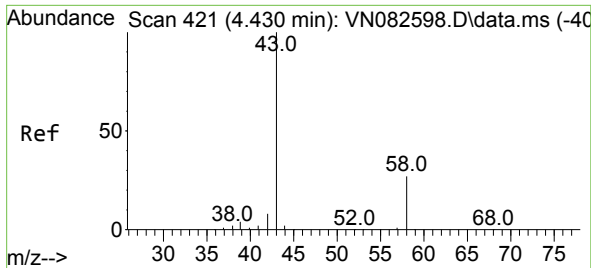
Tgt Ion: 56 Resp: 339
Ion Ratio Lower Upper
56 100
55 19.5 56.4 84.6#



#15
Acrylonitrile
Concen: 0.273 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN082621.D
Acq: 18 Jun 2024 10:17

Tgt Ion: 53 Resp: 252
Ion Ratio Lower Upper
53 100
52 83.3 66.6 100.0
51 0.0 30.1 45.1#

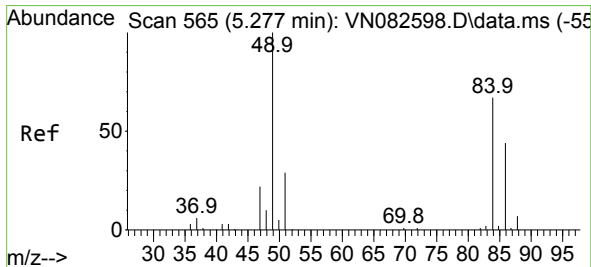
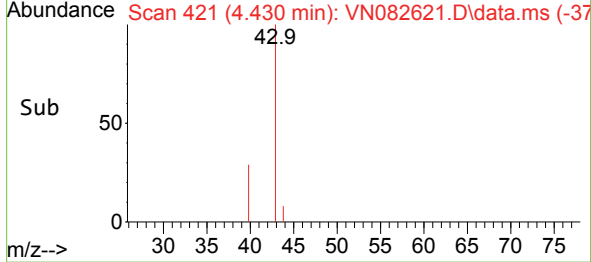
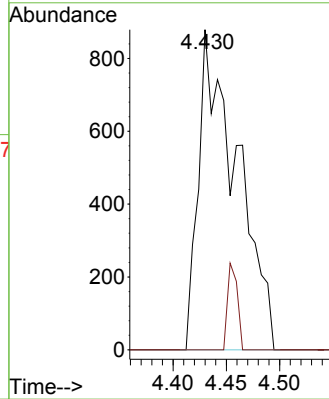
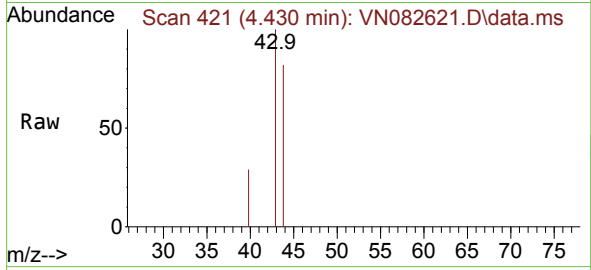




#16
Acetone
Concen: 2.261 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN082621.D
Acq: 18 Jun 2024 10:17

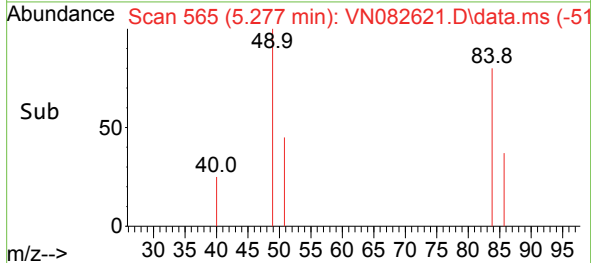
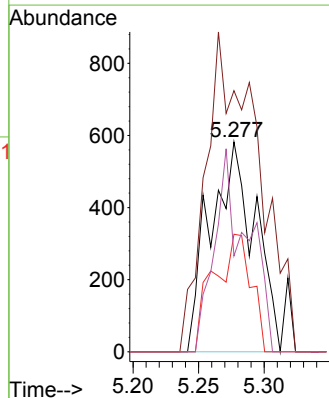
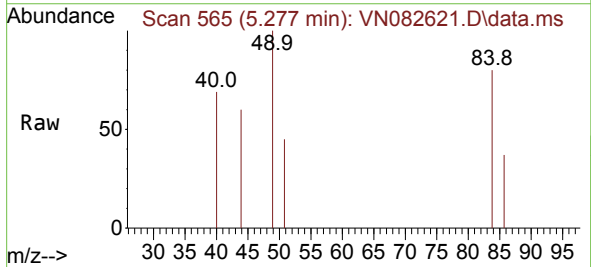
Instrument :
MSVOA_N
ClientSampleId :

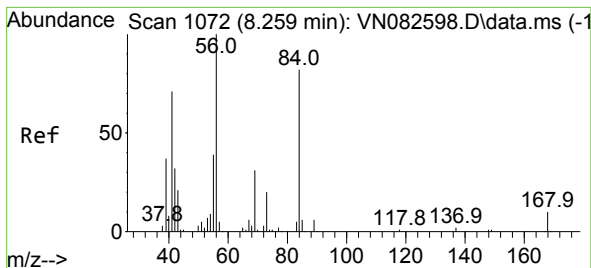
Tgt Ion: 43 Resp: 2199
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



#20
Methylene Chloride
Concen: 0.803 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN082621.D
Acq: 18 Jun 2024 10:17

Tgt Ion: 84 Resp: 1374
Ion Ratio Lower Upper
84 100
49 124.4 119.6 179.4
51 56.0 34.8 52.2#
86 45.7 52.9 79.3#





#31

Cyclohexane

Concen: 1.184 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.029 min

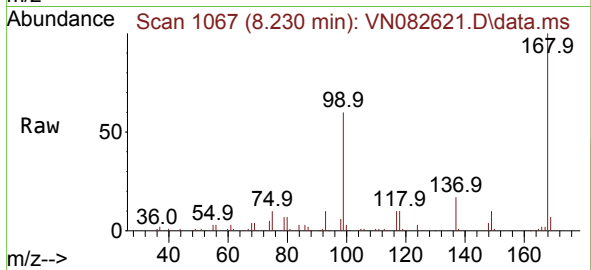
Lab File: VN082621.D

Acq: 18 Jun 2024 10:17

Instrument :

MSVOA_N

ClientSampleId :



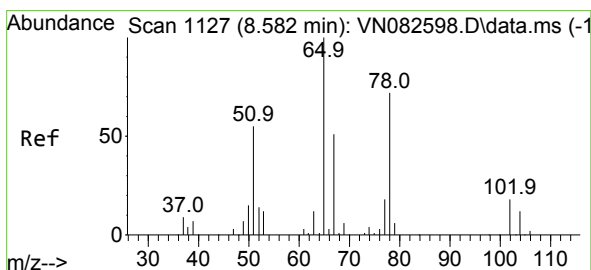
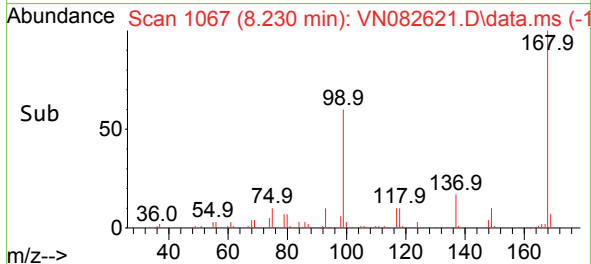
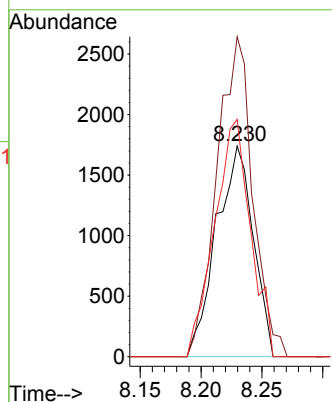
Tgt Ion: 56 Resp: 3656

Ion Ratio Lower Upper

56 100

69 152.0 24.5 36.7#

84 112.7 66.0 99.0#



#33

1,2-Dichloroethane-d4

Concen: 54.554 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN082621.D

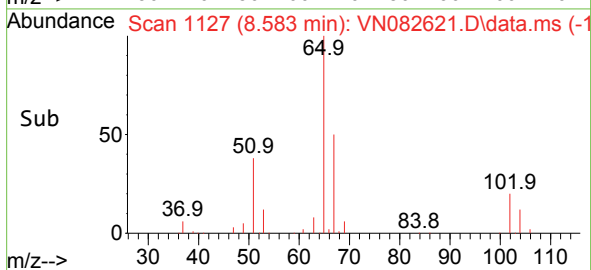
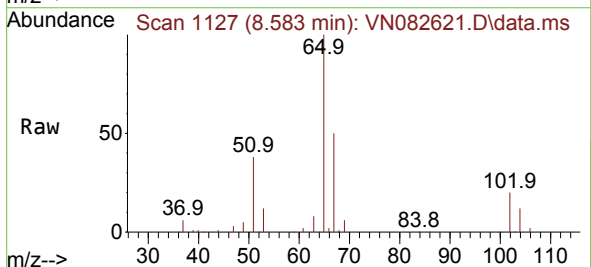
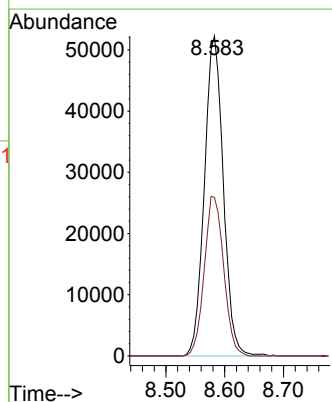
Acq: 18 Jun 2024 10:17

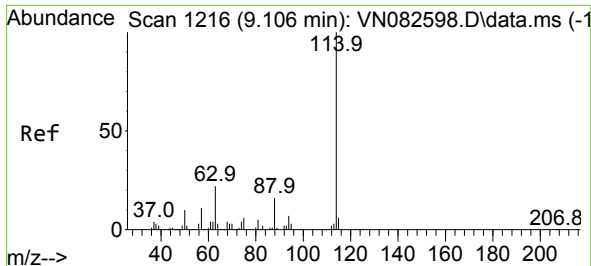
Tgt Ion: 65 Resp: 116681

Ion Ratio Lower Upper

65 100

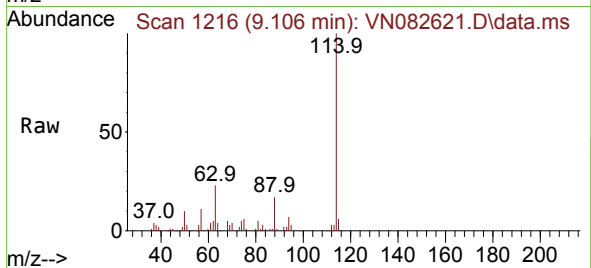
67 51.1 0.0 104.4



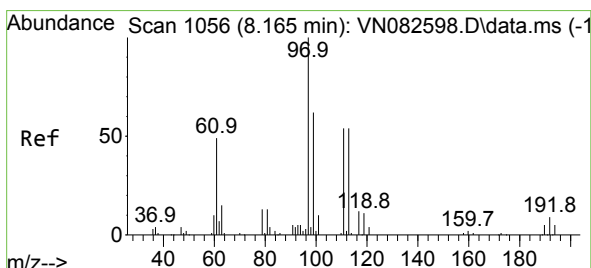
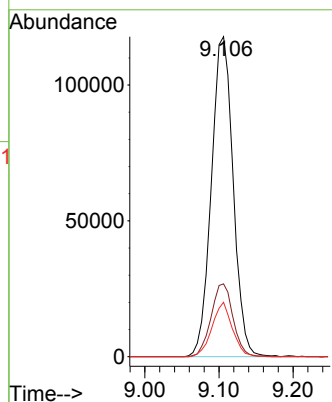
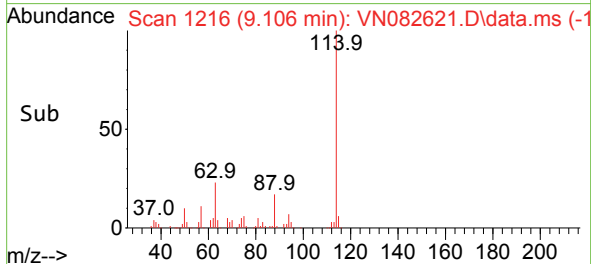


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082621.D
Acq: 18 Jun 2024 10:17

Instrument :
MSVOA_N
ClientSampleId :

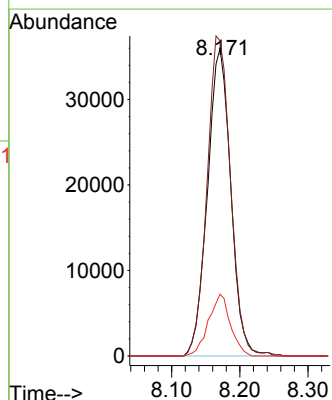
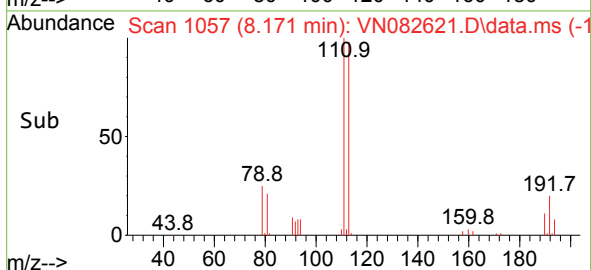
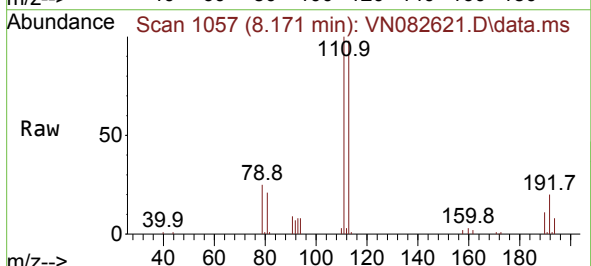


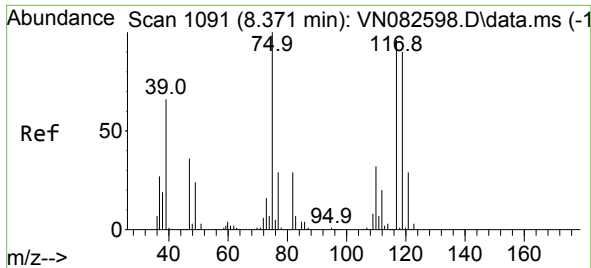
Tgt Ion:114 Resp: 240499
Ion Ratio Lower Upper
114 100
63 22.7 0.0 44.6
88 17.0 0.0 31.4



#35
Dibromofluoromethane
Concen: 52.420 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082621.D
Acq: 18 Jun 2024 10:17

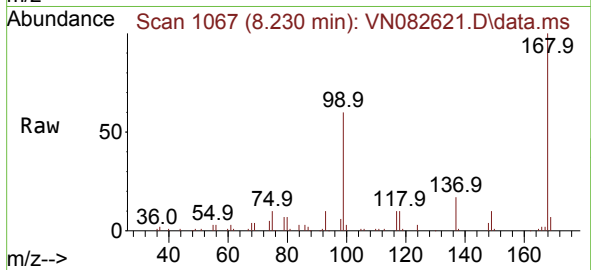
Tgt Ion:113 Resp: 85525
Ion Ratio Lower Upper
113 100
111 105.0 82.4 123.6
192 18.9 14.9 22.3



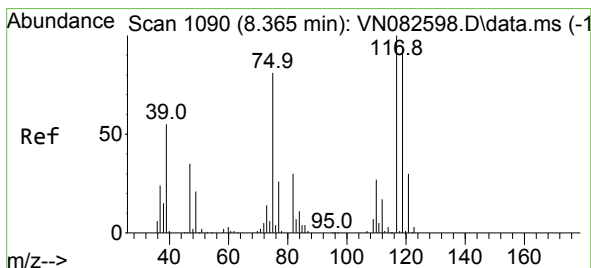
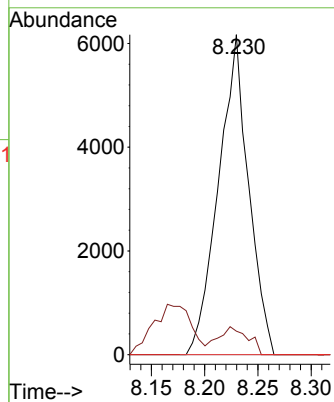
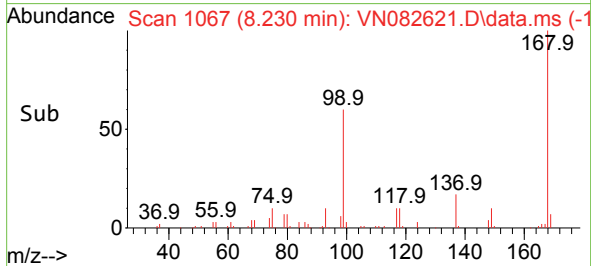


#36
1,1-Dichloropropene
Concen: 4.960 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN082621.D
Acq: 18 Jun 2024 10:17

Instrument :
MSVOA_N
ClientSampleId :

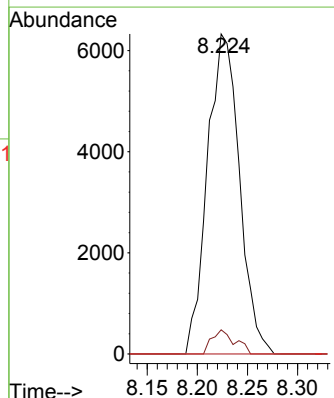
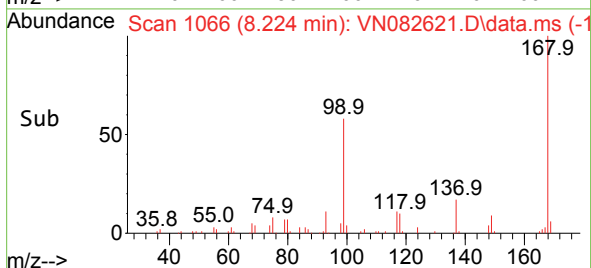
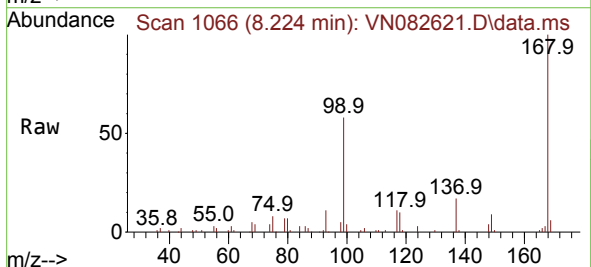


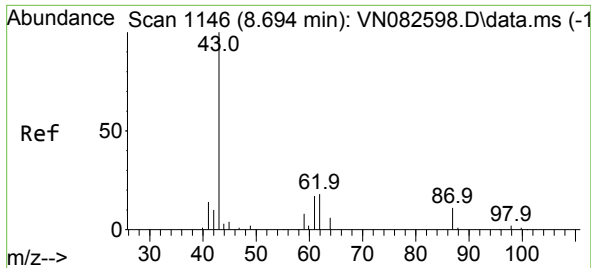
Tgt Ion: 75 Resp: 12098
Ion Ratio Lower Upper
75 100
110 8.7 16.3 48.9#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.111 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN082621.D
Acq: 18 Jun 2024 10:17

Tgt Ion: 117 Resp: 14048
Ion Ratio Lower Upper
117 100
119 7.5 74.9 112.3#
121 0.0 24.3 36.5#

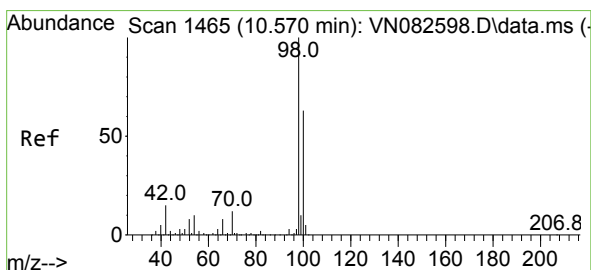
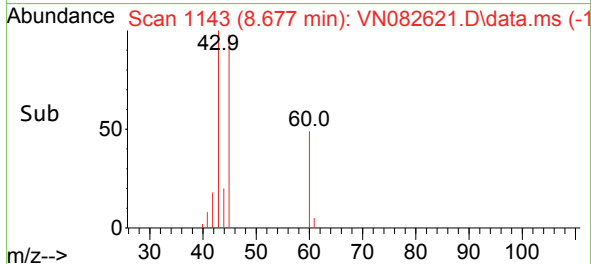
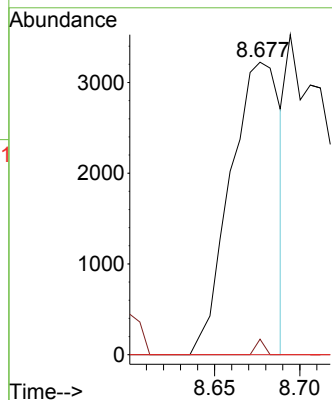
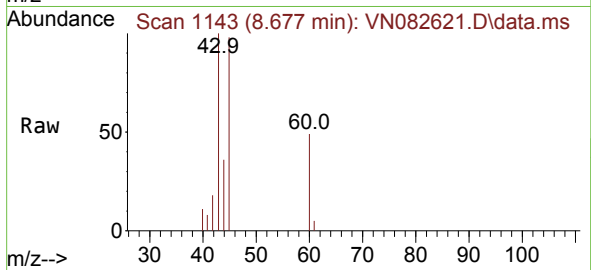




#43
Isopropyl Acetate
Concen: 1.125 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.017 min
Lab File: VN082621.D
Acq: 18 Jun 2024 10:17

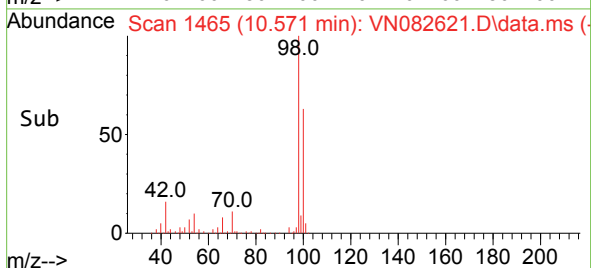
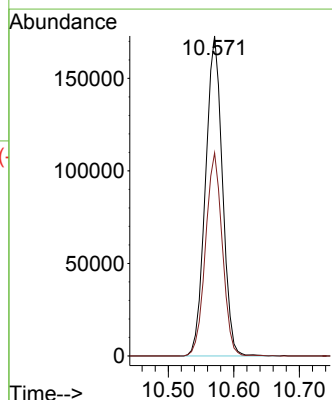
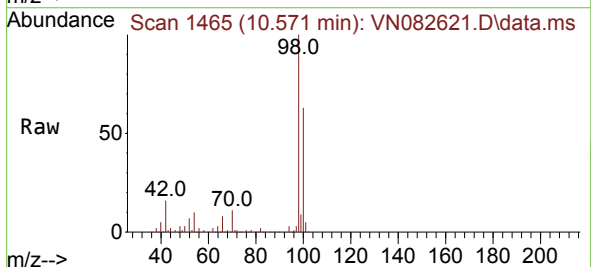
Instrument :
MSVOA_N
ClientSampleId :

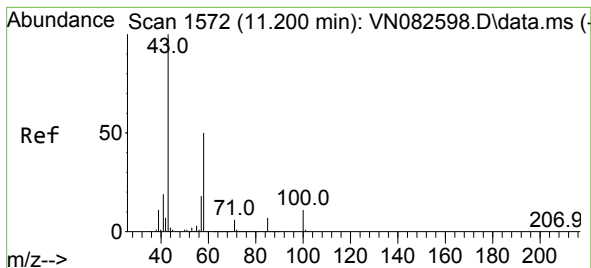
Tgt Ion: 43 Resp: 6532
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#50
Toluene-d8
Concen: 50.326 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082621.D
Acq: 18 Jun 2024 10:17

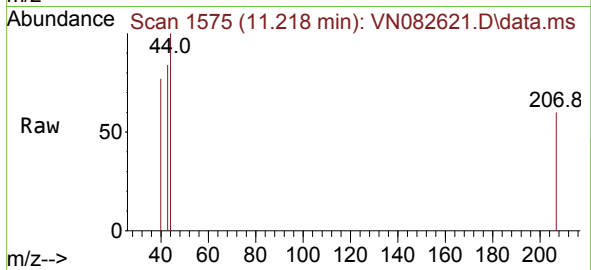
Tgt Ion: 98 Resp: 310501
Ion Ratio Lower Upper
98 100
100 62.9 51.5 77.3



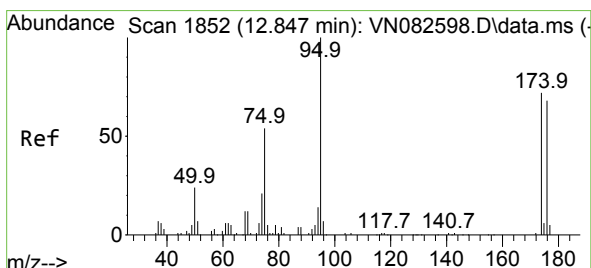
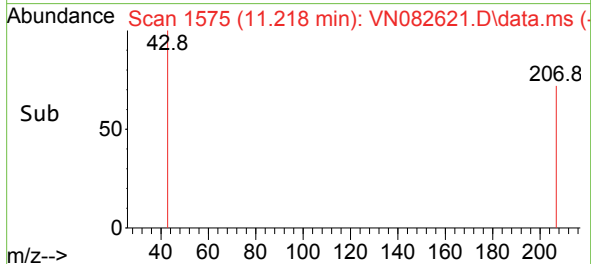
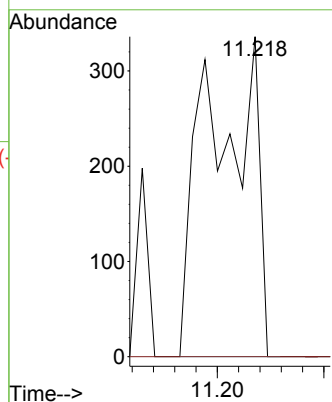


#59
2-Hexanone
Concen: 0.232 ug/l
RT: 11.218 min Scan# 1575
Delta R.T. 0.018 min
Lab File: VN082621.D
Acq: 18 Jun 2024 10:17

Instrument :
MSVOA_N
ClientSampleId :

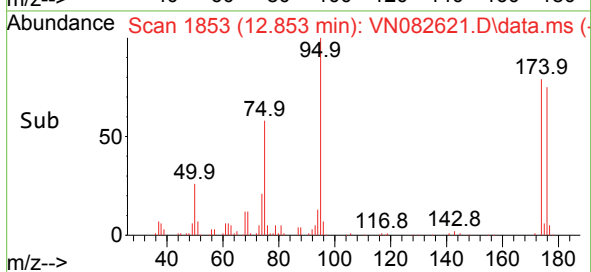
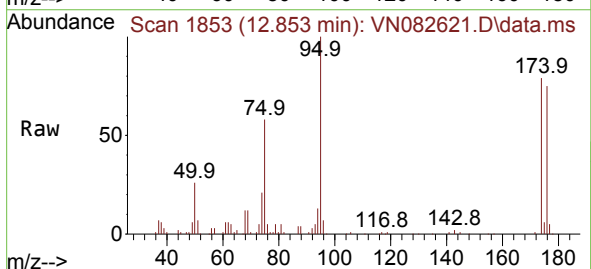
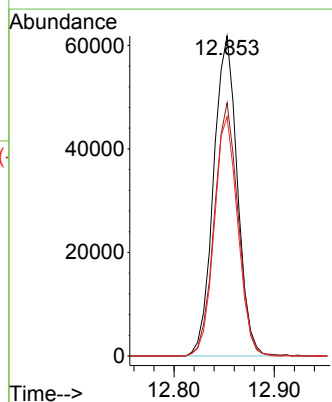


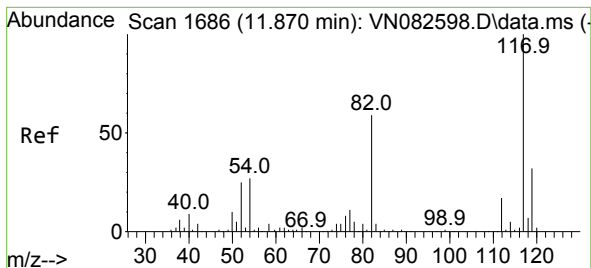
Tgt Ion: 43 Resp: 524
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.8#



#62
4-Bromofluorobenzene
Concen: 47.828 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082621.D
Acq: 18 Jun 2024 10:17

Tgt Ion: 95 Resp: 101737
Ion Ratio Lower Upper
95 100
174 79.1 0.0 159.2
176 73.9 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN082621.D

Acq: 18 Jun 2024 10:17

Instrument :

MSVOA_N

ClientSampleId :

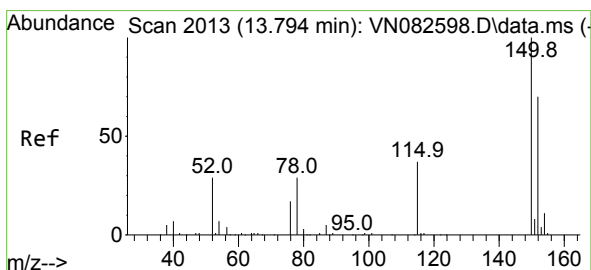
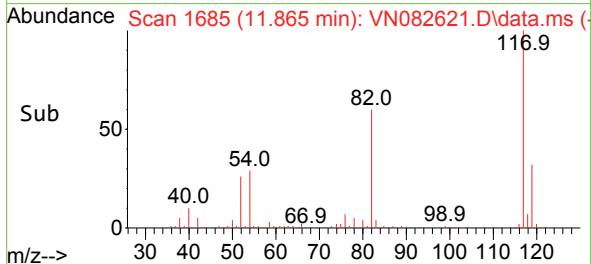
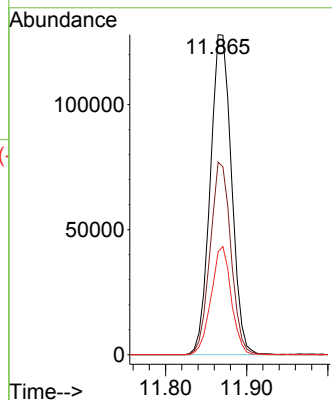
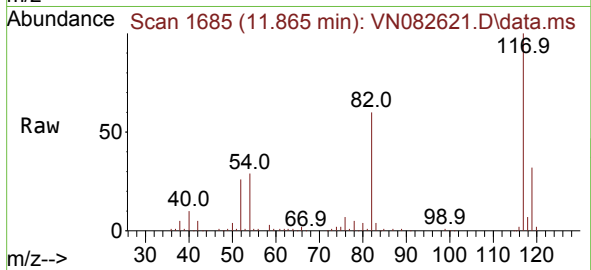
Tgt Ion:117 Resp: 232668

Ion Ratio Lower Upper

117 100

82 60.2 47.5 71.3

119 32.2 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: VN082621.D

Acq: 18 Jun 2024 10:17

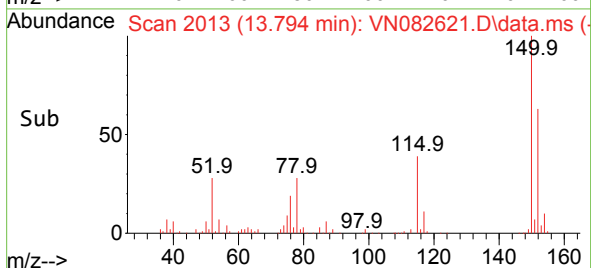
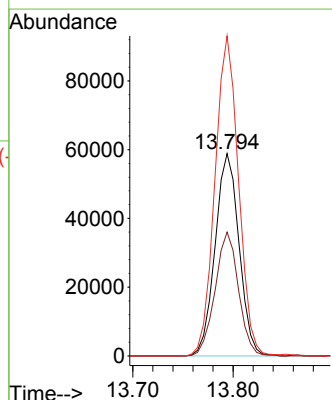
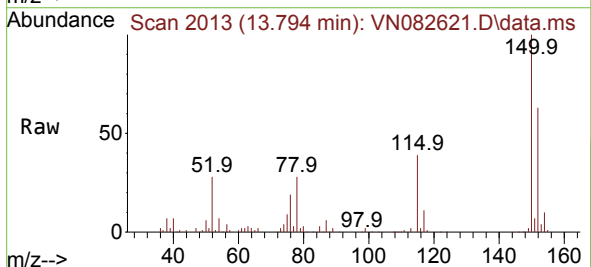
Tgt Ion:152 Resp: 97472

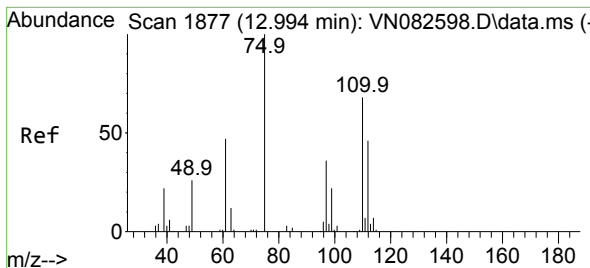
Ion Ratio Lower Upper

152 100

115 60.0 30.6 91.6

150 156.3 0.0 348.6





#76

1,2,3-Trichloropropane

Concen: 24.723 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN082621.D

Acq: 18 Jun 2024 10:17

Instrument :

MSVOA_N

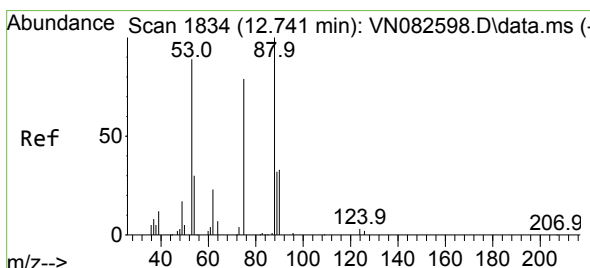
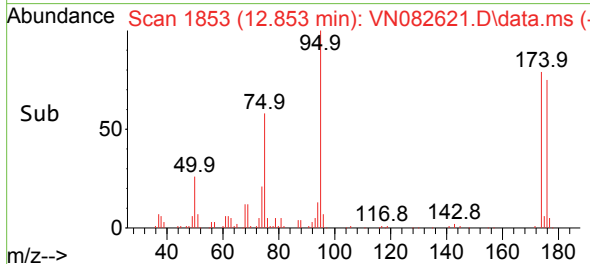
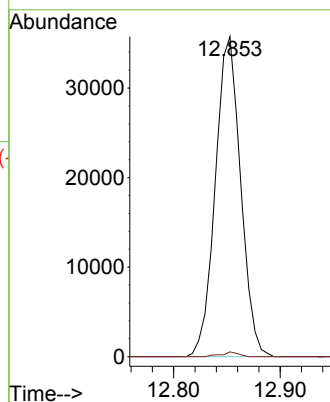
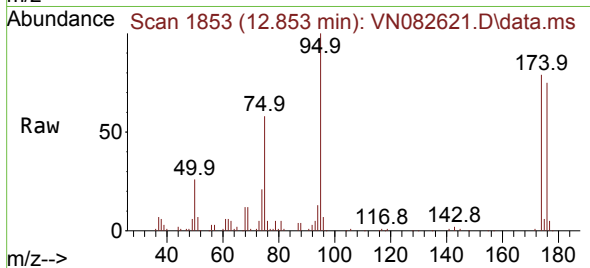
ClientSampleId :

Tgt Ion: 75 Resp: 58939

Ion Ratio Lower Upper

75 100

77 1.0 110.9 332.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 59.147 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN082621.D

Acq: 18 Jun 2024 10:17

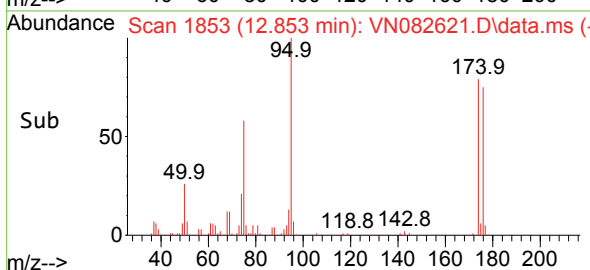
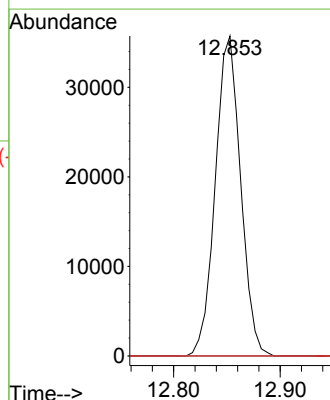
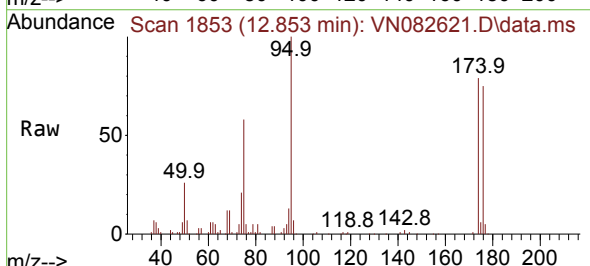
Tgt Ion: 75 Resp: 58939

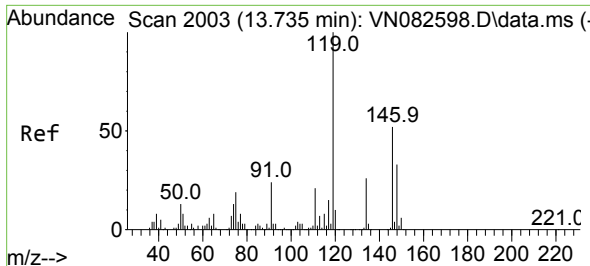
Ion Ratio Lower Upper

75 100

53 0.0 88.4 132.6#

89 0.0 36.3 54.5#

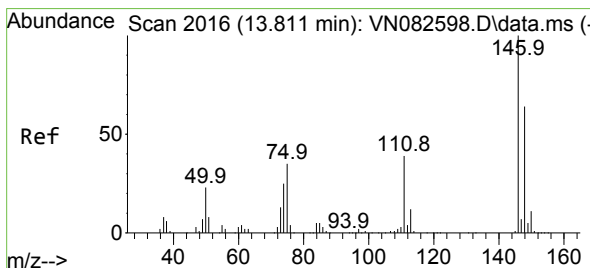
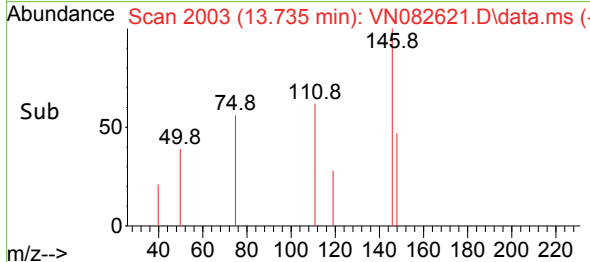
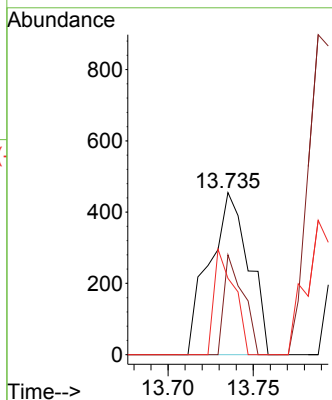
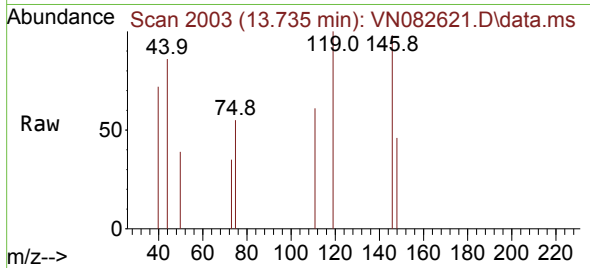




#87
1,3-Dichlorobenzene
Concen: 0.212 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN082621.D
Acq: 18 Jun 2024 10:17

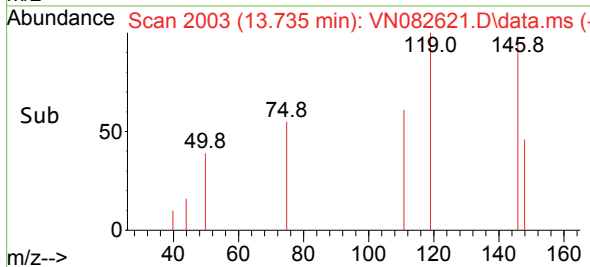
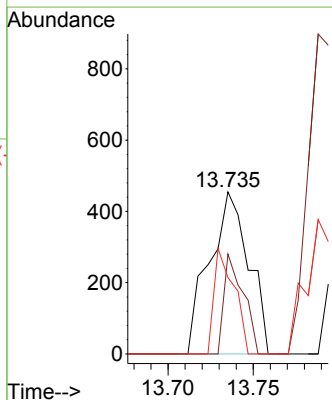
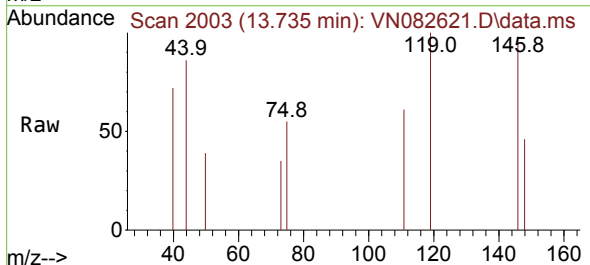
Instrument :
MSVOA_N
ClientSampleId :

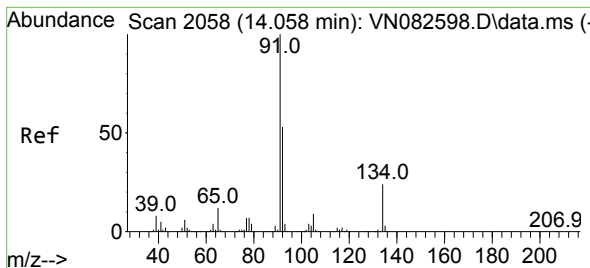
Tgt Ion:146 Resp: 733
Ion Ratio Lower Upper
146 100
111 30.0 20.6 61.9
148 33.0 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 0.203 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.076 min
Lab File: VN082621.D
Acq: 18 Jun 2024 10:17

Tgt Ion:146 Resp: 733
Ion Ratio Lower Upper
146 100
111 30.0 20.1 60.3
148 33.0 32.2 96.6





#89

n-Butylbenzene

Concen: 0.249 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

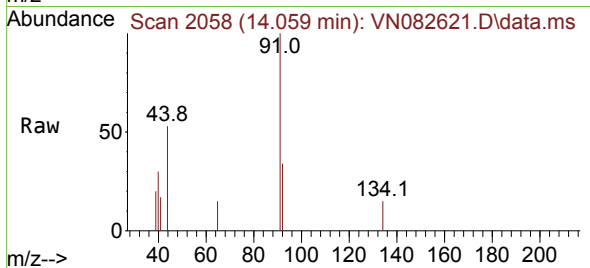
Lab File: VN082621.D

Acq: 18 Jun 2024 10:17

Instrument :

MSVOA_N

ClientSampleId :



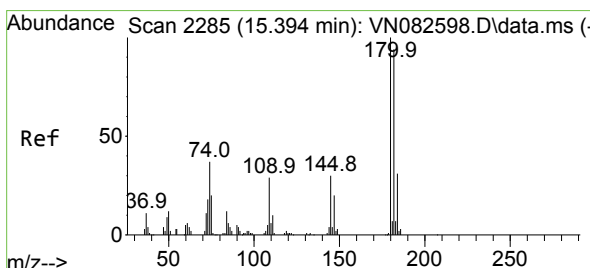
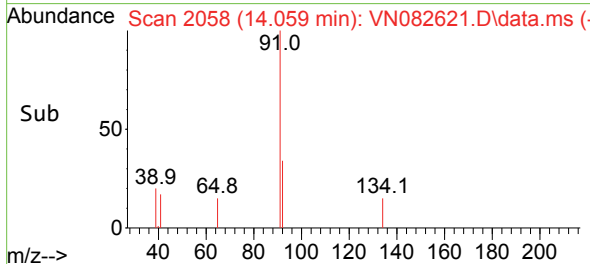
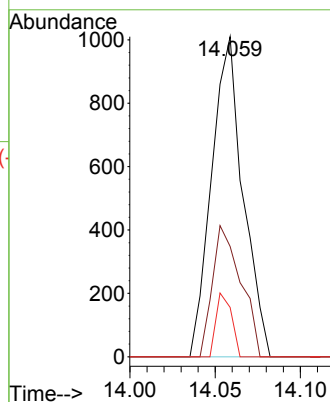
Tgt Ion: 91 Resp: 1295

Ion Ratio Lower Upper

91 100

92 37.0 26.1 78.3

134 9.7 12.1 36.3#



#93

1,2,4-Trichlorobenzene

Concen: 0.435 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. -0.000 min

Lab File: VN082621.D

Acq: 18 Jun 2024 10:17

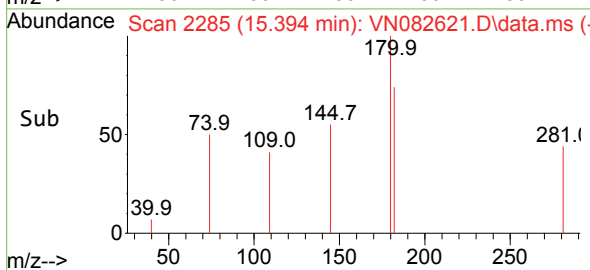
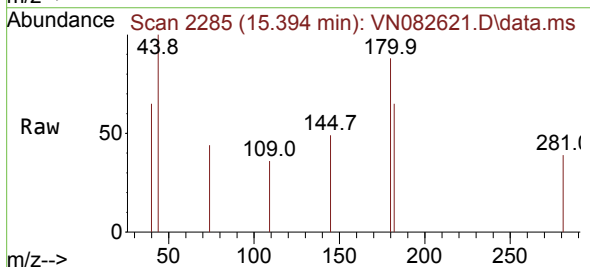
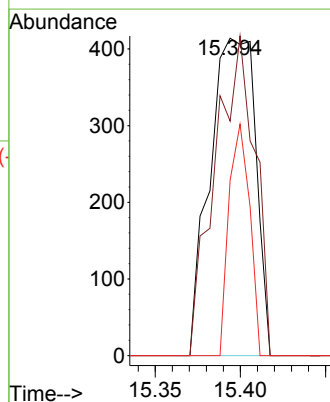
Tgt Ion: 180 Resp: 773

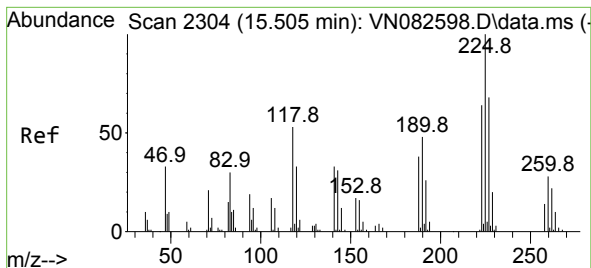
Ion Ratio Lower Upper

180 100

182 87.5 47.3 141.8

145 33.1 15.7 47.1





#94

Hexachlorobutadiene

Concen: 0.799 ug/l

RT: 15.506 min Scan# 21

Delta R.T. 0.001 min

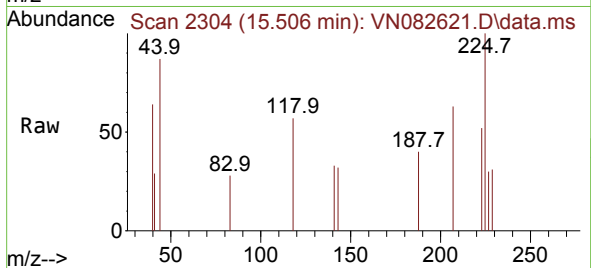
Lab File: VN082621.D

Acq: 18 Jun 2024 10:17

Instrument :

MSVOA_N

ClientSampleId :



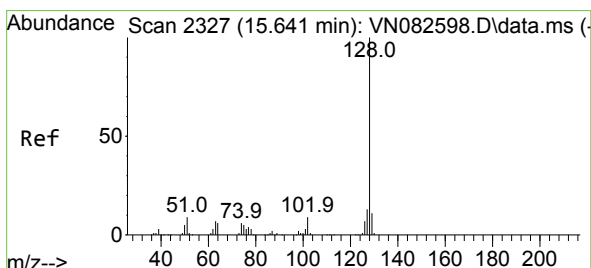
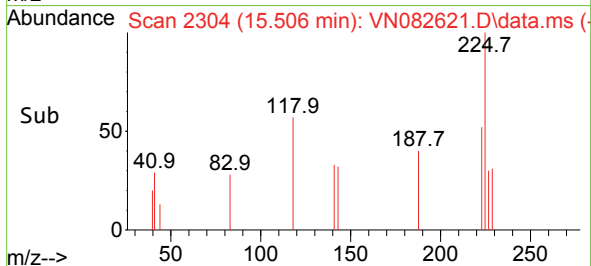
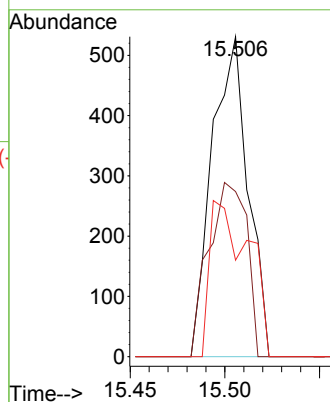
Tgt Ion:225 Resp: 701

Ion Ratio Lower Upper

225 100

223 57.8 31.9 95.7

227 52.6 32.5 97.5



#95

Naphthalene

Concen: 0.472 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. 0.006 min

Lab File: VN082621.D

Acq: 18 Jun 2024 10:17

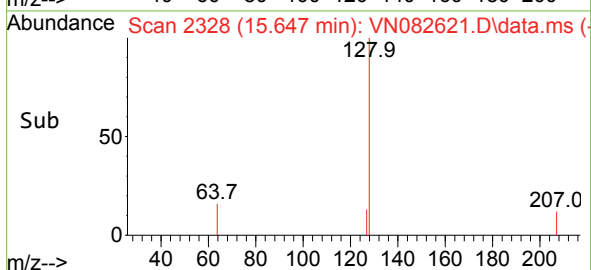
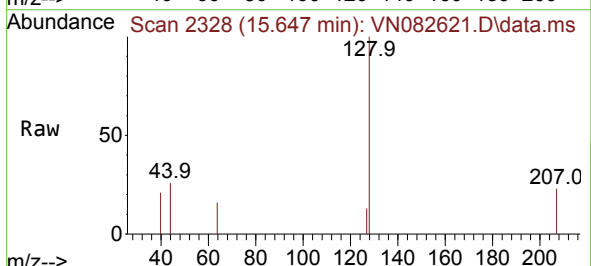
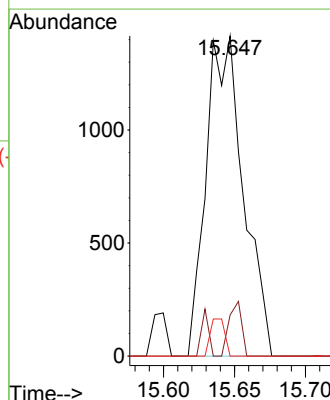
Tgt Ion:128 Resp: 2584

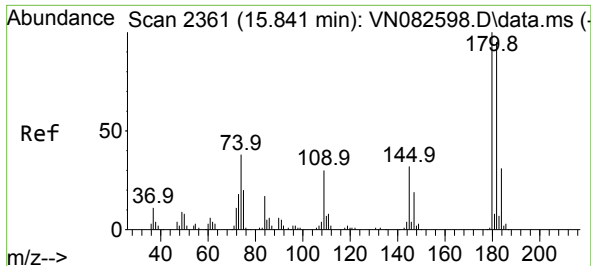
Ion Ratio Lower Upper

128 100

127 5.8 10.6 16.0#

129 0.0 8.6 12.8#





#96

1,2,3-Trichlorobenzene

Concen: 0.581 ug/l

RT: 15.841 min Scan# 21

Delta R.T. 0.000 min

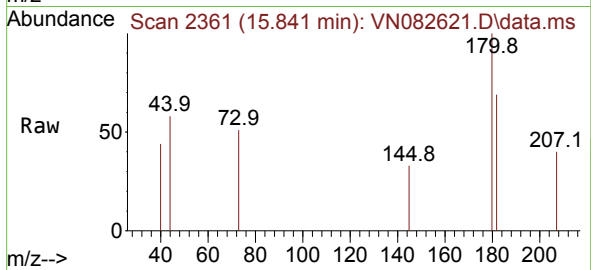
Lab File: VN082621.D

Acq: 18 Jun 2024 10:17

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:180 Resp: 1053

Ion Ratio Lower Upper

180 100

182 77.3 48.9 146.8

145 26.9 16.8 50.4

