

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061724\
 Data File : VN082606.D
 Acq On : 17 Jun 2024 13:58
 Operator : JC\MD
 Sample : VN0617WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBL01

Quant Time: Jun 18 18:36:37 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)

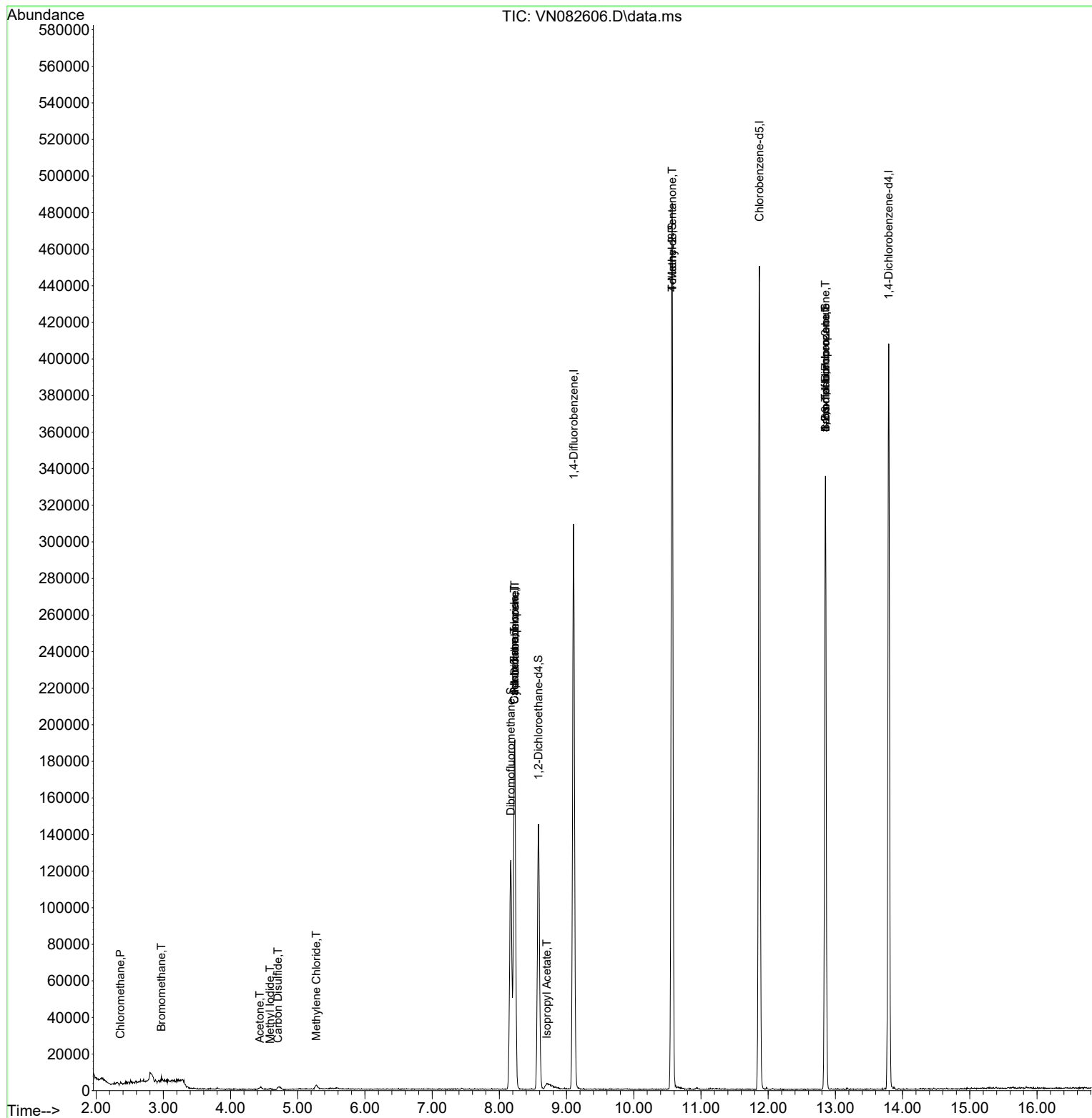
Internal Standards						
1) Pentafluorobenzene	8.230	168	134890	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	244375	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	241744	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	102476	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	118305	54.691	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	= 109.380%		
35) Dibromofluoromethane	8.171	113	87569	52.822	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 105.640%		
50) Toluene-d8	10.571	98	314953	50.238	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	= 100.480%		
62) 4-Bromofluorobenzene	12.853	95	106238	49.152	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery	= 98.300%		
Target Compounds						
						Qvalue
3) Chloromethane	2.359	50	804	0.356	ug/l	92
5) Bromomethane	2.971	94	993	0.718	ug/l	92
10) Methyl Iodide	4.589	142	310	0.207	ug/l #	38
16) Acetone	4.436	43	1021	1.038	ug/l #	48
17) Carbon Disulfide	4.706	76	1110	0.233	ug/l #	75
20) Methylene Chloride	5.277	84	1472	0.851	ug/l #	87
31) Cyclohexane	8.224	56	3970	1.272	ug/l #	53
36) 1,1-Dichloropropene	8.230	75	12551	5.064	ug/l #	50
38) Carbon Tetrachloride	8.224	117	14150	5.066	ug/l #	17
43) Isopropyl Acetate	8.706	43	2030	0.344	ug/l #	60
51) 4-Methyl-2-Pentanone	10.571	43	2055	0.679	ug/l #	1
71) Bromoform	12.853	173	683	0.437	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	63011	25.140	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	63011	60.146	ug/l #	6

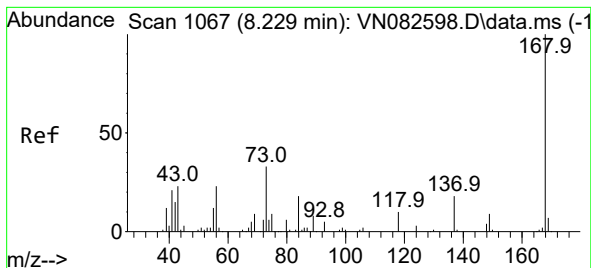
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. 0.001 min

Lab File: VN082606.D

Acq: 17 Jun 2024 13:58

Instrument :

MSVOA_N

ClientSampleId :

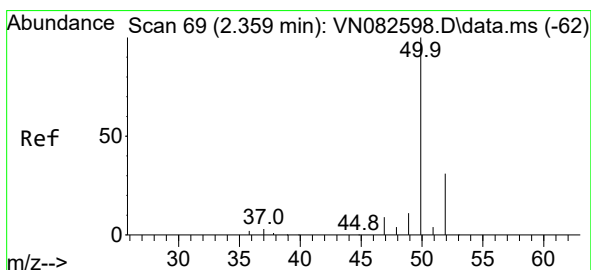
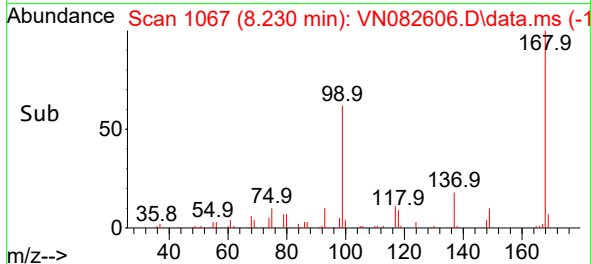
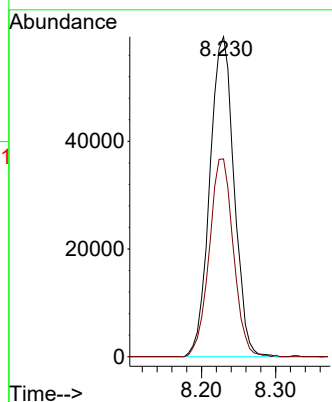
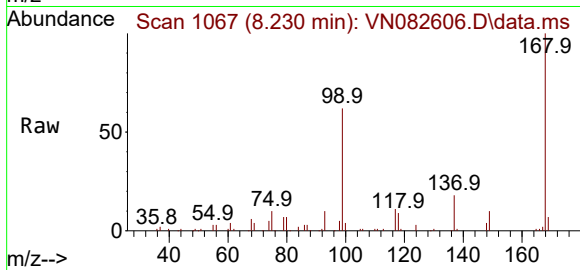
VN0617WBL01

Tgt Ion:168 Resp: 134890

Ion Ratio Lower Upper

168 100

99 61.8 48.2 72.4



#3

Chloromethane

Concen: 0.356 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN082606.D

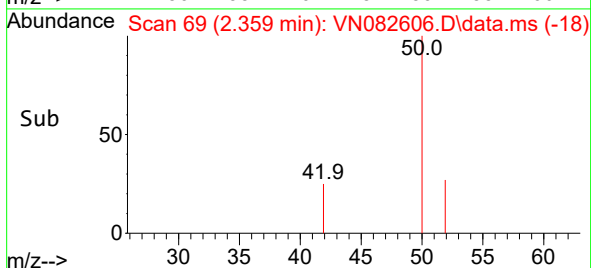
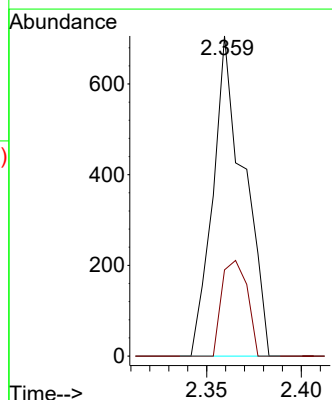
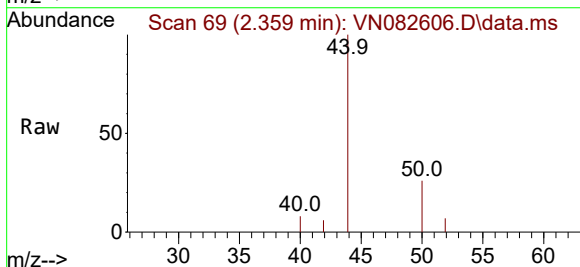
Acq: 17 Jun 2024 13:58

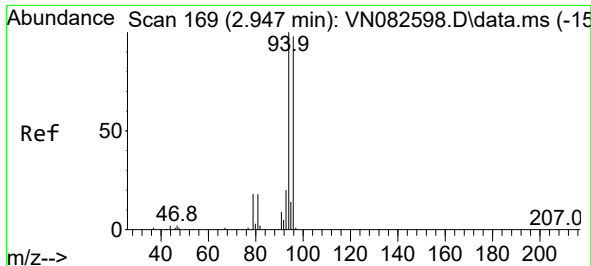
Tgt Ion: 50 Resp: 804

Ion Ratio Lower Upper

50 100

52 26.9 25.0 37.4

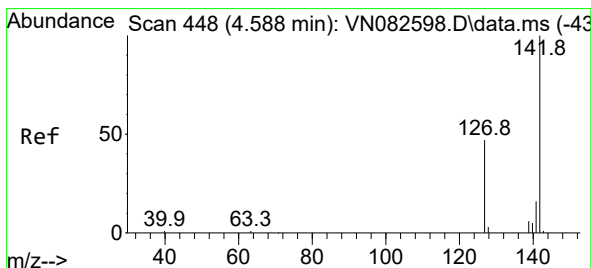
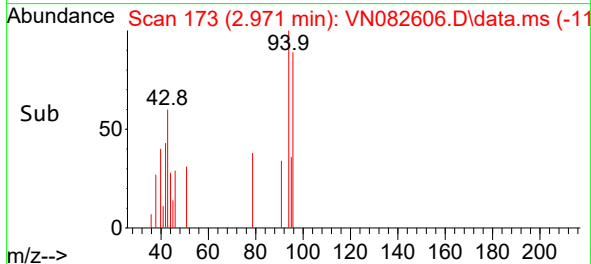
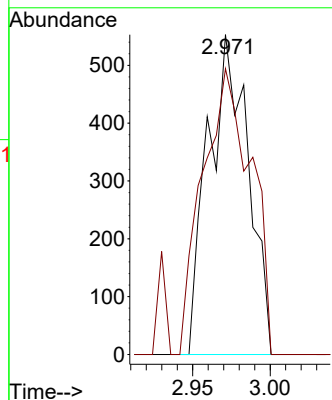
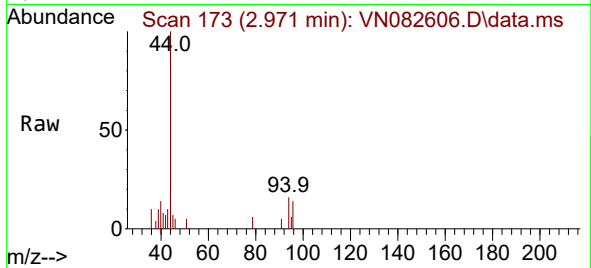




#5
Bromomethane
Concen: 0.718 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN082606.D
Acq: 17 Jun 2024 13:58

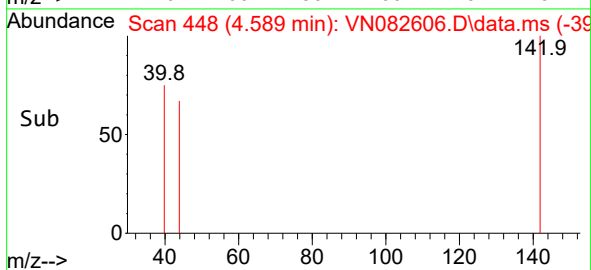
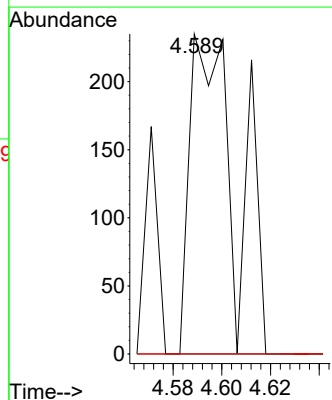
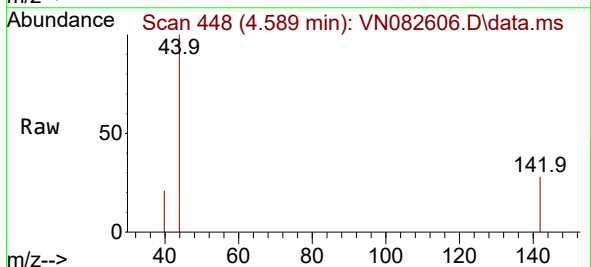
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBL01

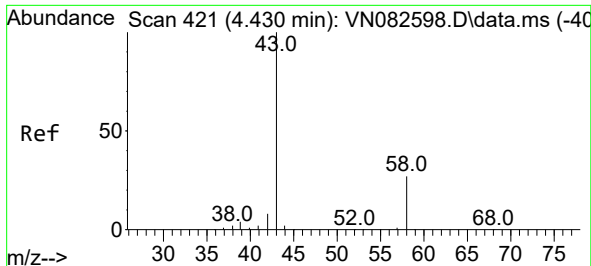
Tgt Ion: 94 Resp: 993
Ion Ratio Lower Upper
94 100
96 89.3 78.0 117.0



#10
Methyl Iodide
Concen: 0.207 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN082606.D
Acq: 17 Jun 2024 13:58

Tgt Ion: 142 Resp: 310
Ion Ratio Lower Upper
142 100
127 0.0 37.5 56.3#
141 0.0 13.1 19.7#

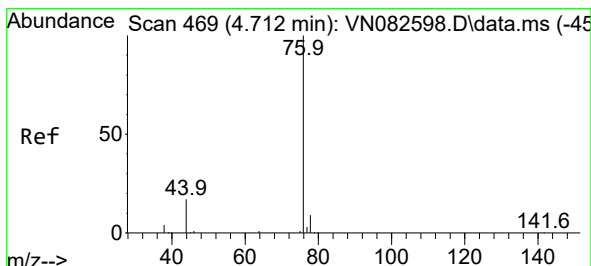
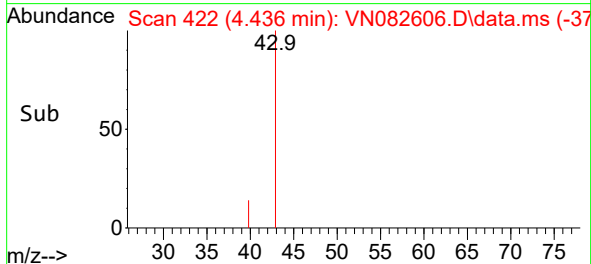
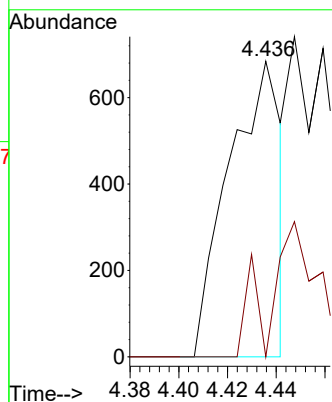
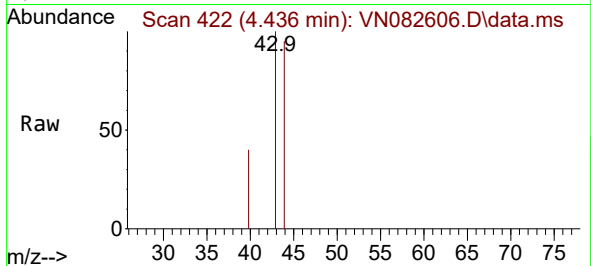




#16
Acetone
Concen: 1.038 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN082606.D
Acq: 17 Jun 2024 13:58

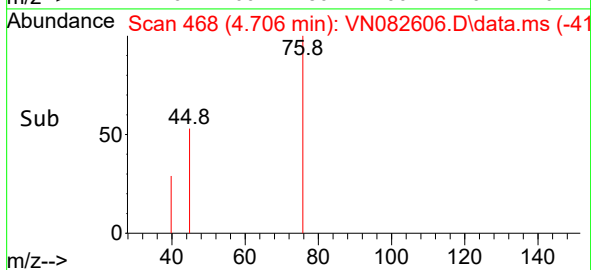
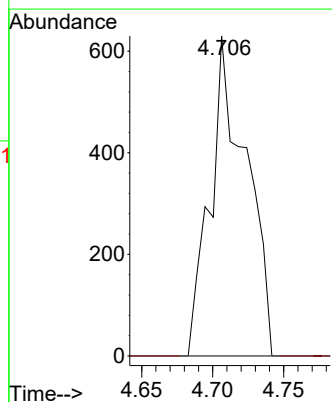
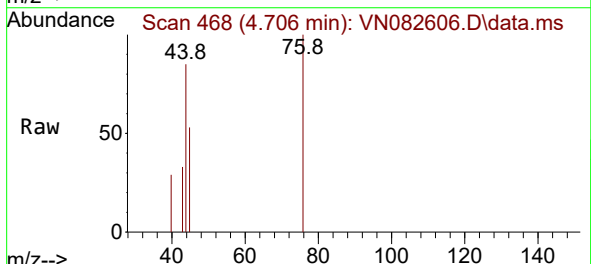
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBL01

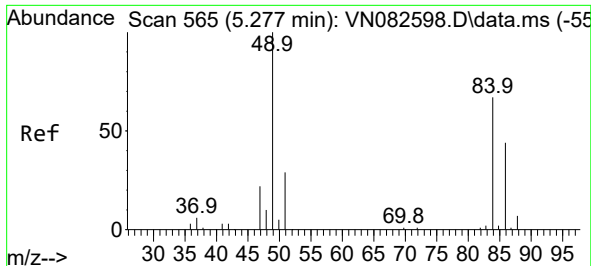
Tgt Ion: 43 Resp: 1021
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



#17
Carbon Disulfide
Concen: 0.233 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN082606.D
Acq: 17 Jun 2024 13:58

Tgt Ion: 76 Resp: 1110
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

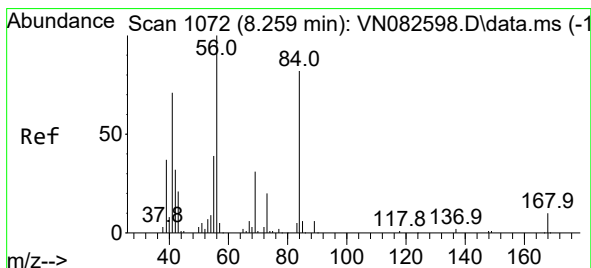
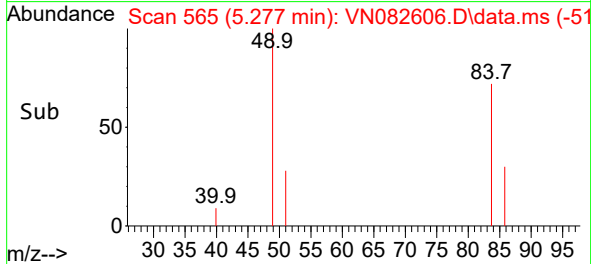
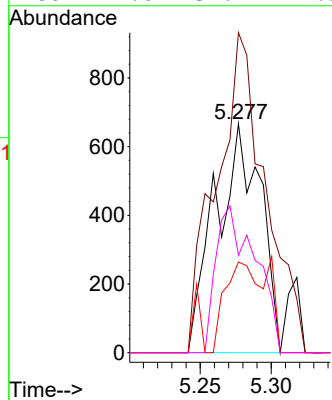
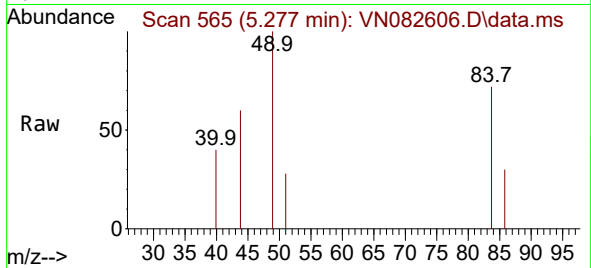




#20
Methylene Chloride
Concen: 0.851 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN082606.D
Acq: 17 Jun 2024 13:58

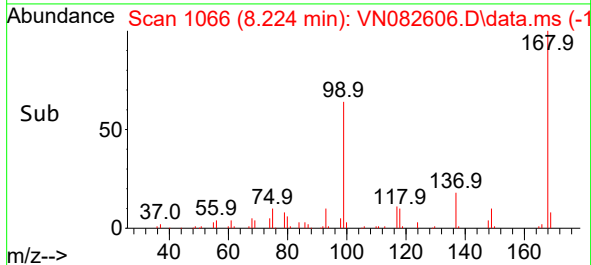
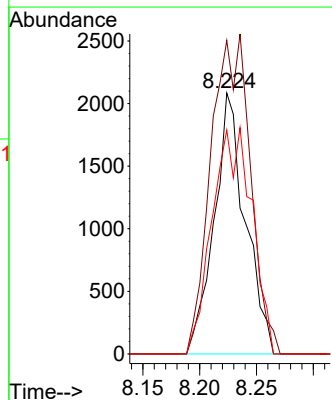
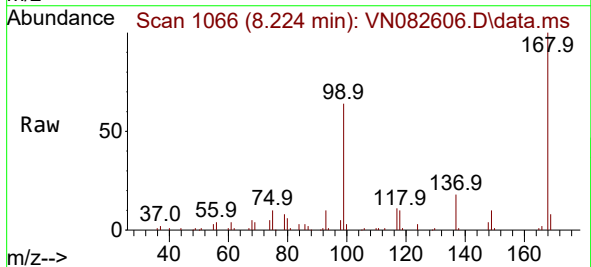
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBL01

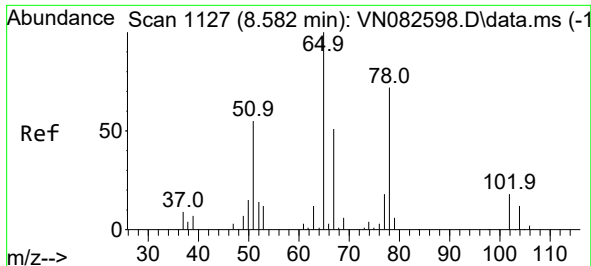
Tgt Ion:	84	Resp:	1472
Ion	Ratio	Lower	Upper
84	100		
49	139.7	119.6	179.4
51	39.6	34.8	52.2
86	42.6	52.9	79.3



#31
Cyclohexane
Concen: 1.272 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082606.D
Acq: 17 Jun 2024 13:58

Tgt Ion:	56	Resp:	3970
Ion	Ratio	Lower	Upper
56	100		
69	120.0	24.5	36.7
84	85.8	66.0	99.0





#33

1,2-Dichloroethane-d4

Concen: 54.691 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN082606.D

Acq: 17 Jun 2024 13:58

Instrument :

MSVOA_N

ClientSampleId :

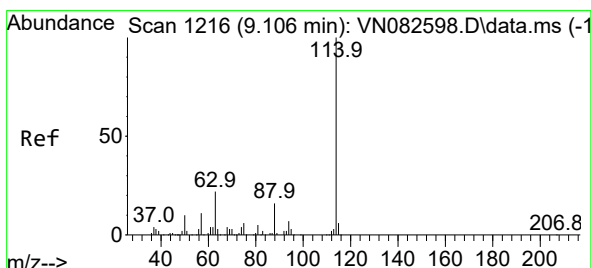
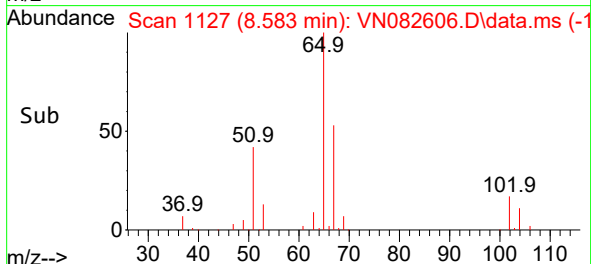
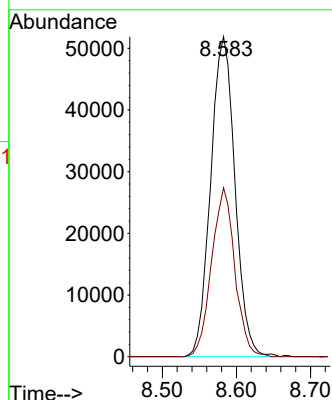
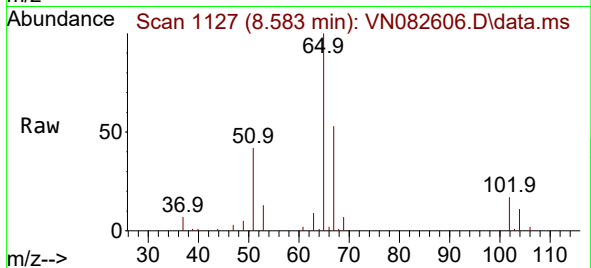
VN0617WBL01

Tgt Ion: 65 Resp: 118305

Ion Ratio Lower Upper

65 100

67 50.4 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: VN082606.D

Acq: 17 Jun 2024 13:58

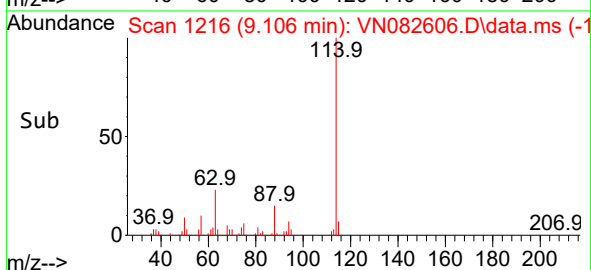
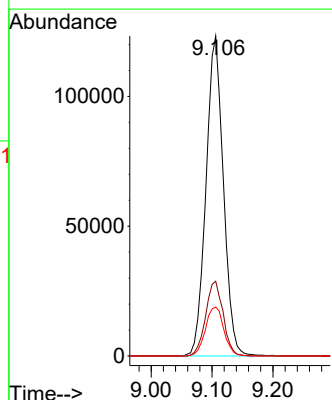
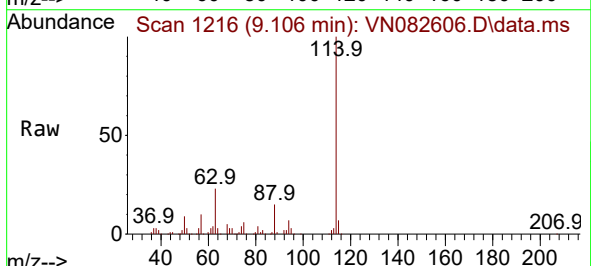
Tgt Ion: 114 Resp: 244375

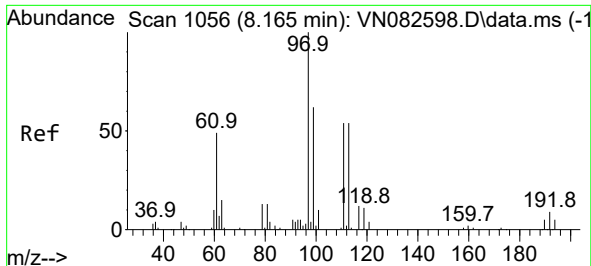
Ion Ratio Lower Upper

114 100

63 23.4 0.0 44.6

88 15.3 0.0 31.4





#35

Dibromofluoromethane

Concen: 52.822 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN082606.D

Acq: 17 Jun 2024 13:58

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBL01

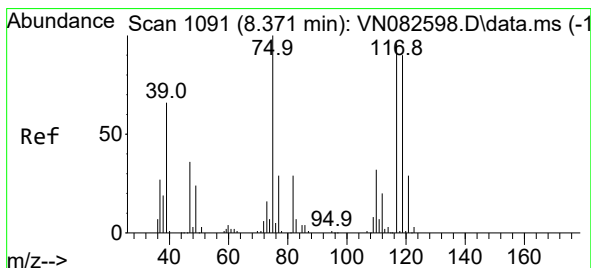
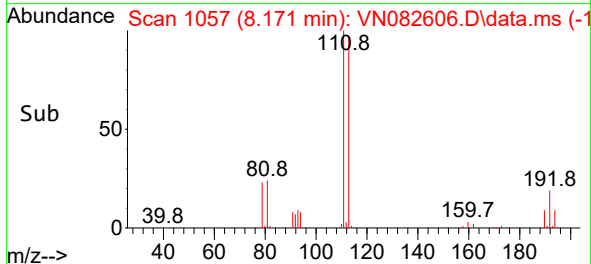
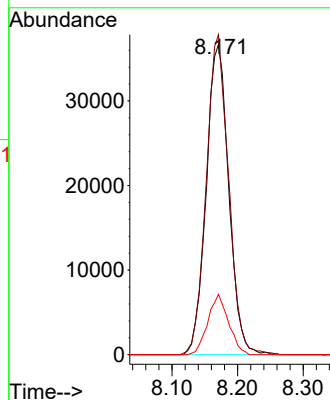
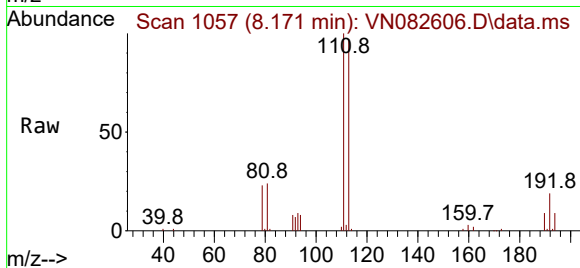
Tgt Ion:113 Resp: 87569

Ion Ratio Lower Upper

113 100

111 101.9 82.4 123.6

192 17.8 14.9 22.3



#36

1,1-Dichloropropene

Concen: 5.064 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

Lab File: VN082606.D

Acq: 17 Jun 2024 13:58

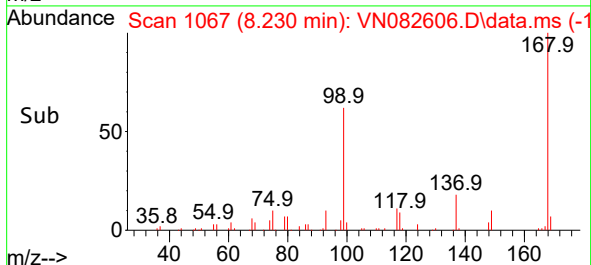
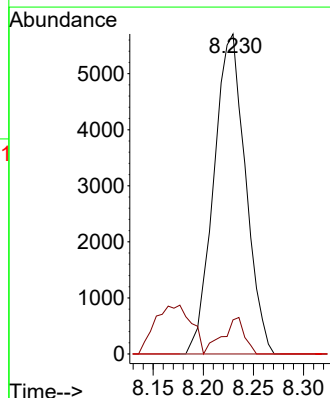
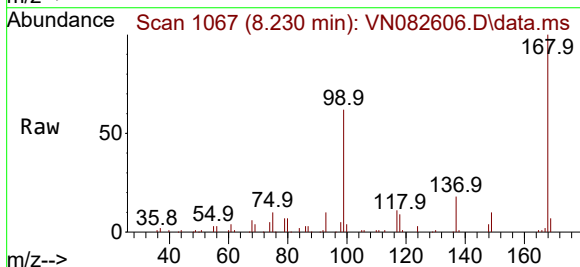
Tgt Ion: 75 Resp: 12551

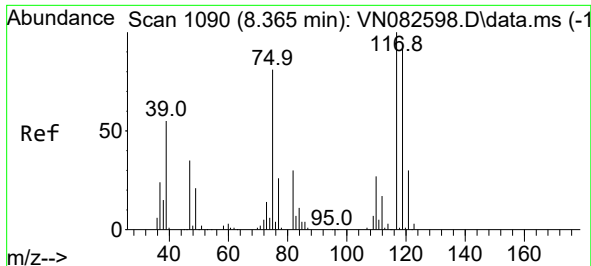
Ion Ratio Lower Upper

75 100

110 7.3 16.3 48.9#

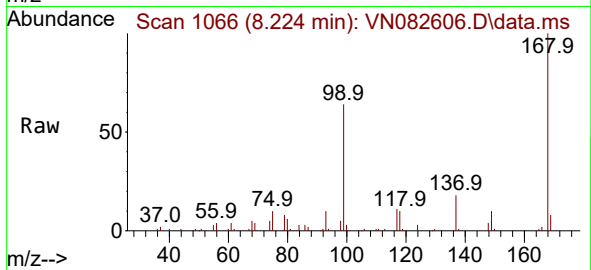
77 0.0 24.6 37.0#



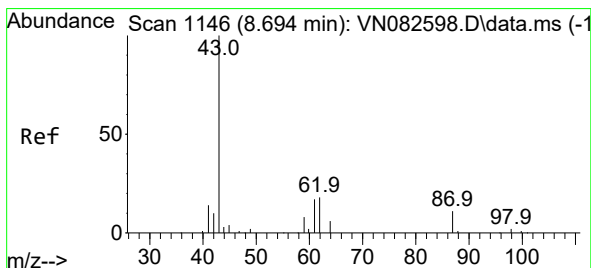
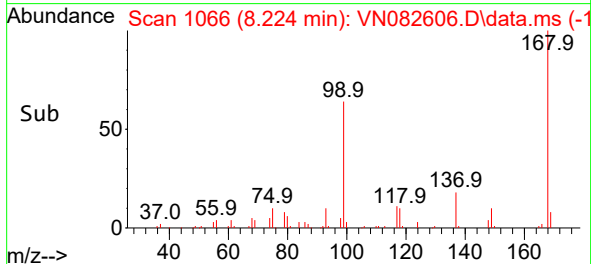
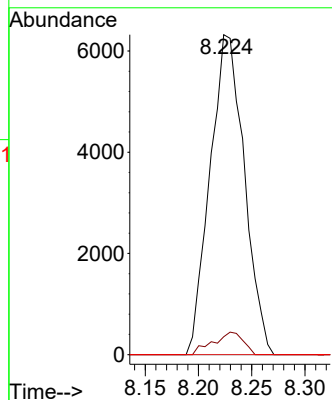


#38
Carbon Tetrachloride
Concen: 5.066 ug/l
RT: 8.224 min Scan# 1106
Delta R.T. -0.141 min
Lab File: VN082606.D
Acq: 17 Jun 2024 13:58

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBL01

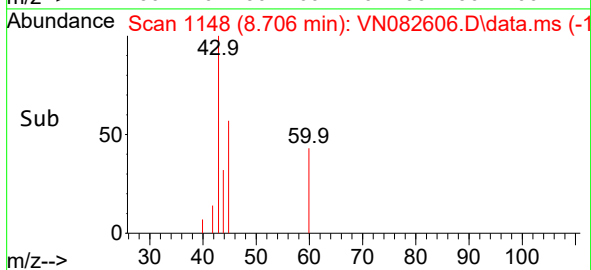
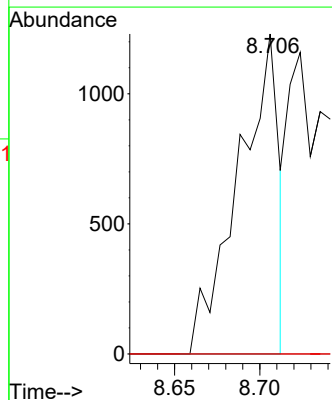
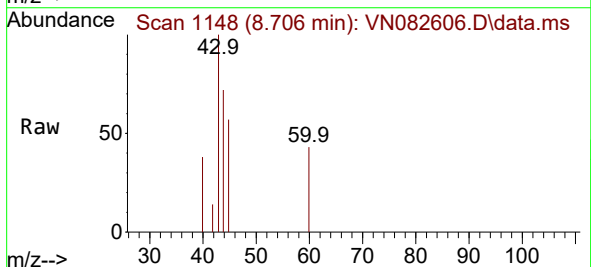


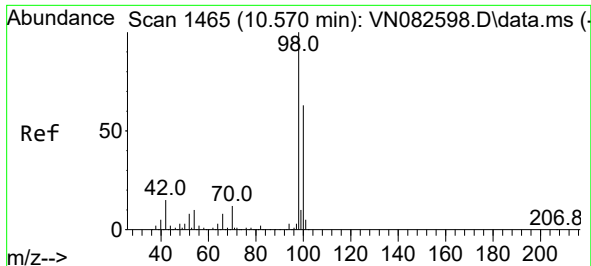
Tgt Ion:117 Resp: 14150
Ion Ratio Lower Upper
117 100
119 5.6 74.9 112.3#
121 0.0 24.3 36.5#



#43
Isopropyl Acetate
Concen: 0.344 ug/l
RT: 8.706 min Scan# 1148
Delta R.T. 0.012 min
Lab File: VN082606.D
Acq: 17 Jun 2024 13:58

Tgt Ion: 43 Resp: 2030
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#

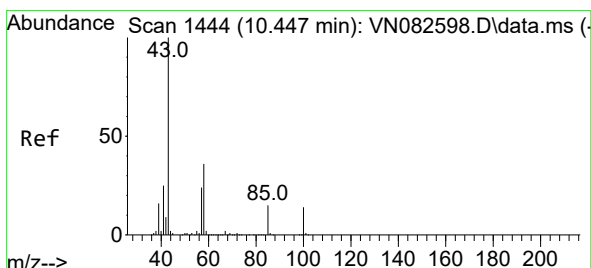
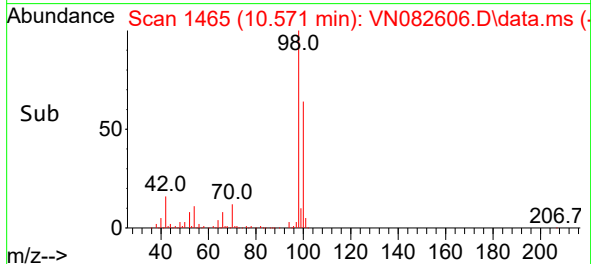
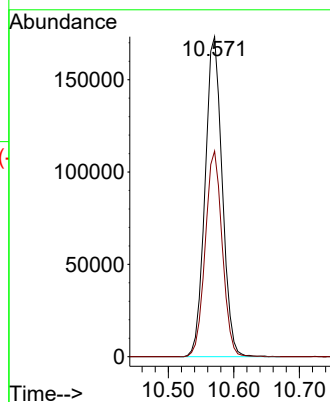
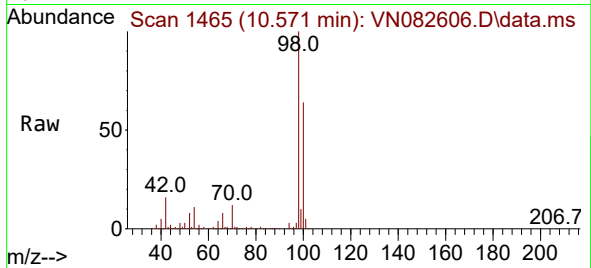




#50
Toluene-d8
Concen: 50.238 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082606.D
Acq: 17 Jun 2024 13:58

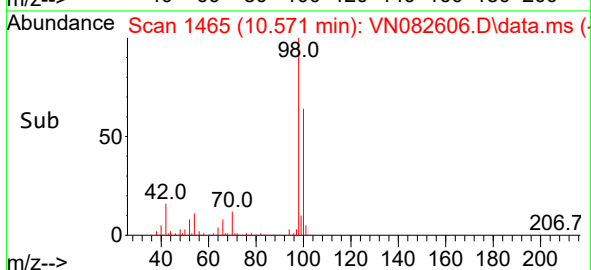
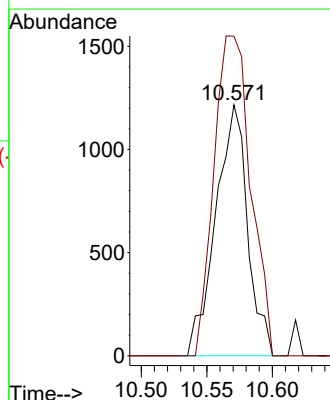
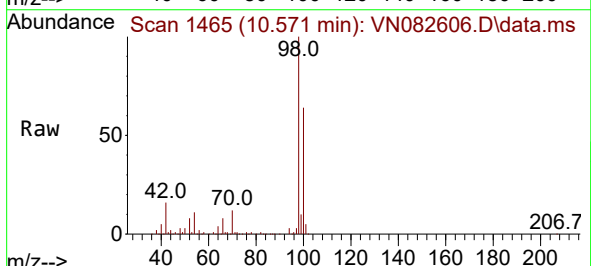
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBL01

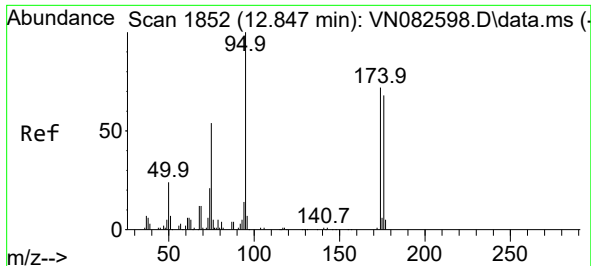
Tgt Ion: 98 Resp: 314953
Ion Ratio Lower Upper
98 100
100 63.8 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.679 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.124 min
Lab File: VN082606.D
Acq: 17 Jun 2024 13:58

Tgt Ion: 43 Resp: 2055
Ion Ratio Lower Upper
43 100
58 147.5 28.2 42.4#

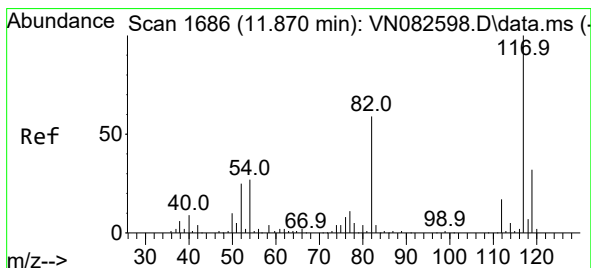
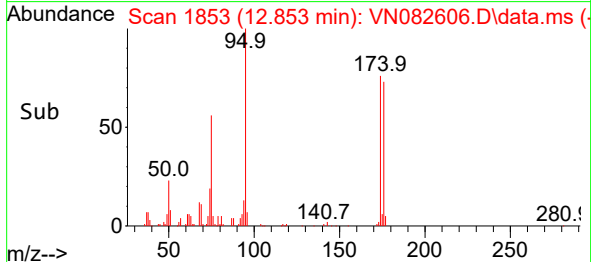
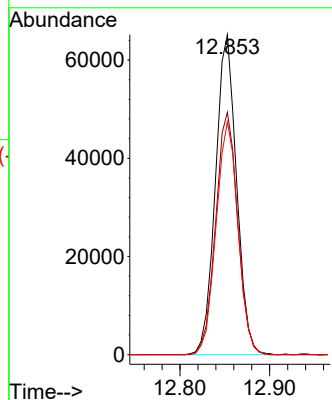
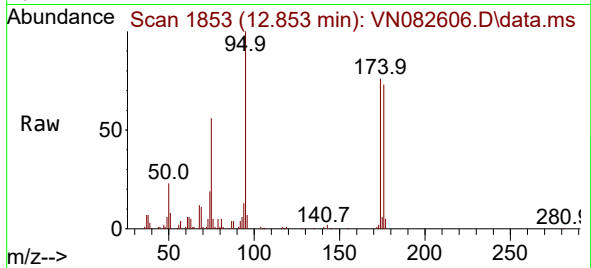




#62
4-Bromofluorobenzene
Concen: 49.152 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082606.D
Acq: 17 Jun 2024 13:58

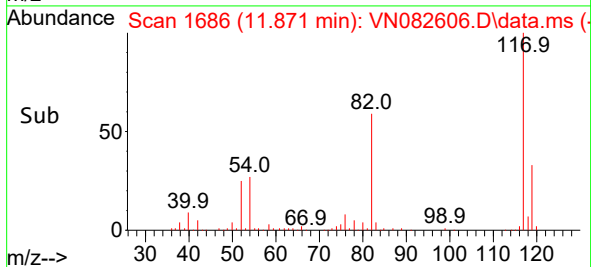
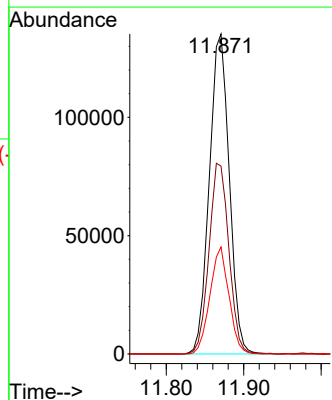
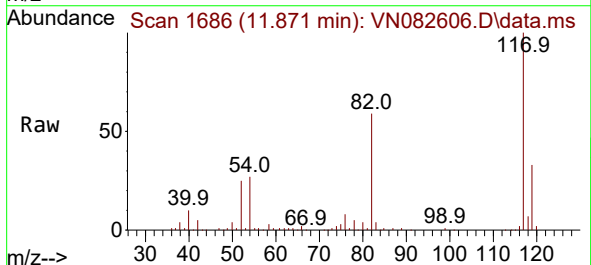
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBL01

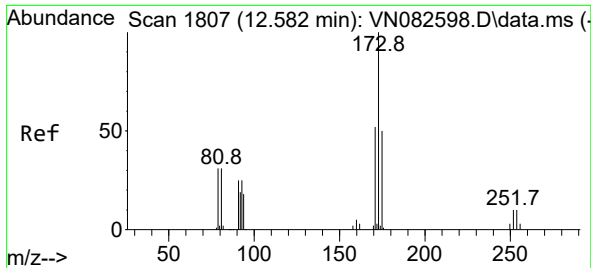
Tgt Ion: 95 Resp: 106238
Ion Ratio Lower Upper
95 100
174 79.3 0.0 159.2
176 75.5 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN082606.D
Acq: 17 Jun 2024 13:58

Tgt Ion: 117 Resp: 241744
Ion Ratio Lower Upper
117 100
82 58.7 47.5 71.3
119 33.4 25.6 38.4





#71

Bromoform

Concen: 0.437 ug/l

RT: 12.853 min Scan# 1807

Delta R.T. 0.271 min

Lab File: VN082606.D

Acq: 17 Jun 2024 13:58

Instrument :

MSVOA_N

ClientSampleId :

VN0617WBL01

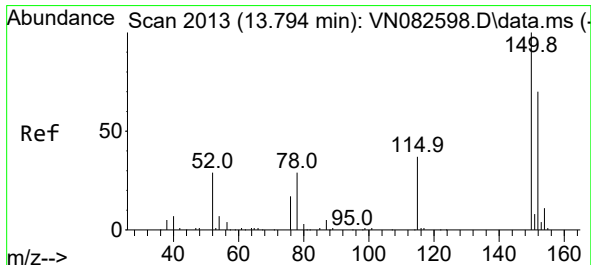
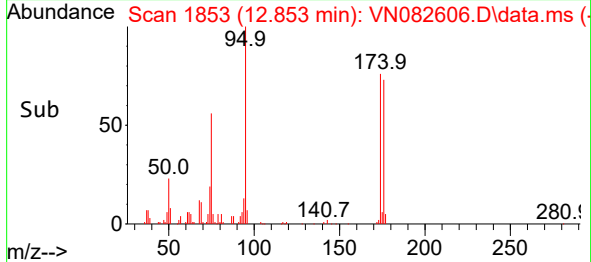
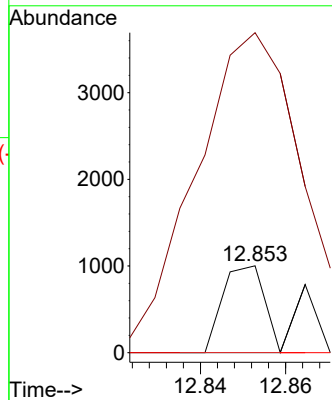
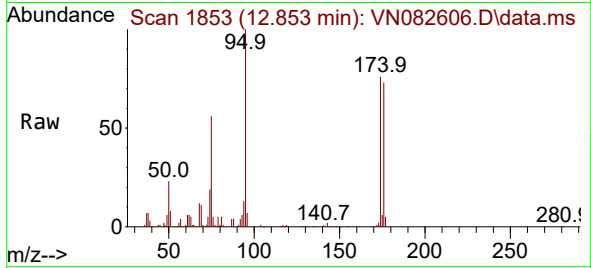
Tgt Ion:173 Resp: 683

Ion Ratio Lower Upper

173 100

175 780.4 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: VN082606.D

Acq: 17 Jun 2024 13:58

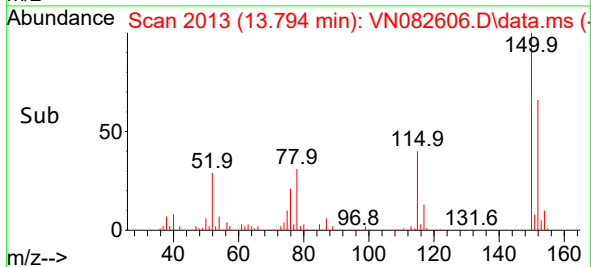
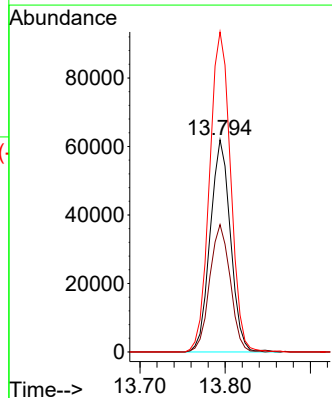
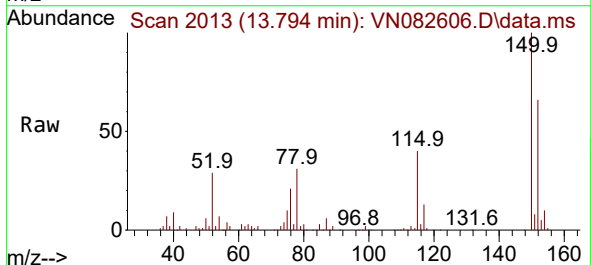
Tgt Ion:152 Resp: 102476

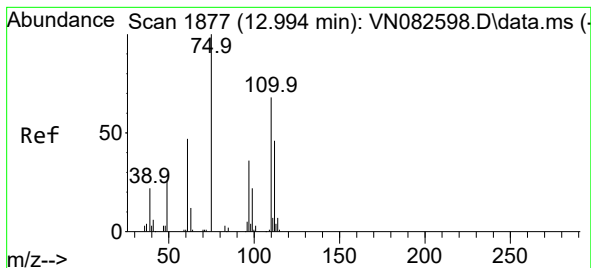
Ion Ratio Lower Upper

152 100

115 60.7 30.6 91.6

150 156.3 0.0 348.6





#76

1,2,3-Trichloropropane

Concen: 25.140 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN082606.D

Acq: 17 Jun 2024 13:58

Instrument :

MSVOA_N

ClientSampleId :

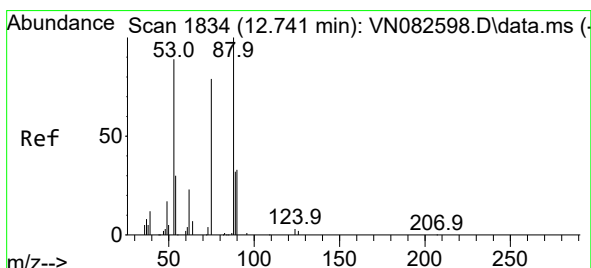
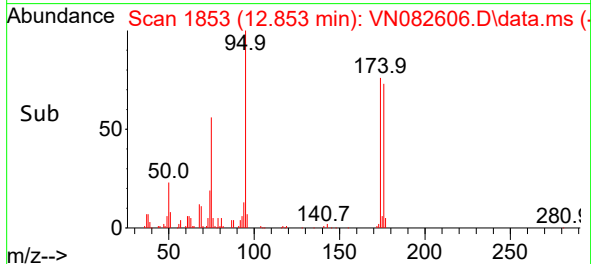
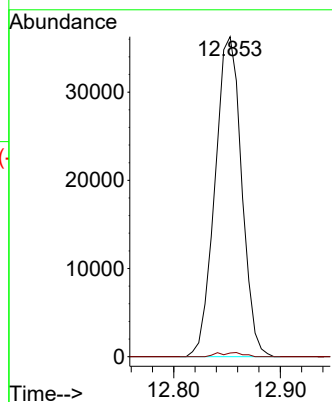
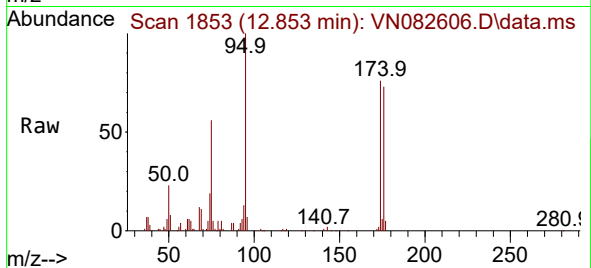
VN0617WBL01

Tgt Ion: 75 Resp: 63011

Ion Ratio Lower Upper

75 100

77 1.2 110.9 332.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 60.146 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN082606.D

Acq: 17 Jun 2024 13:58

Tgt Ion: 75 Resp: 63011

Ion Ratio Lower Upper

75 100

53 0.0 88.4 132.6#

89 0.0 36.3 54.5#

