

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062124\
 Data File : VN082677.D
 Acq On : 21 Jun 2024 14:44
 Operator : JC\MD
 Sample : VN0621WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 24 02:21:18 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)

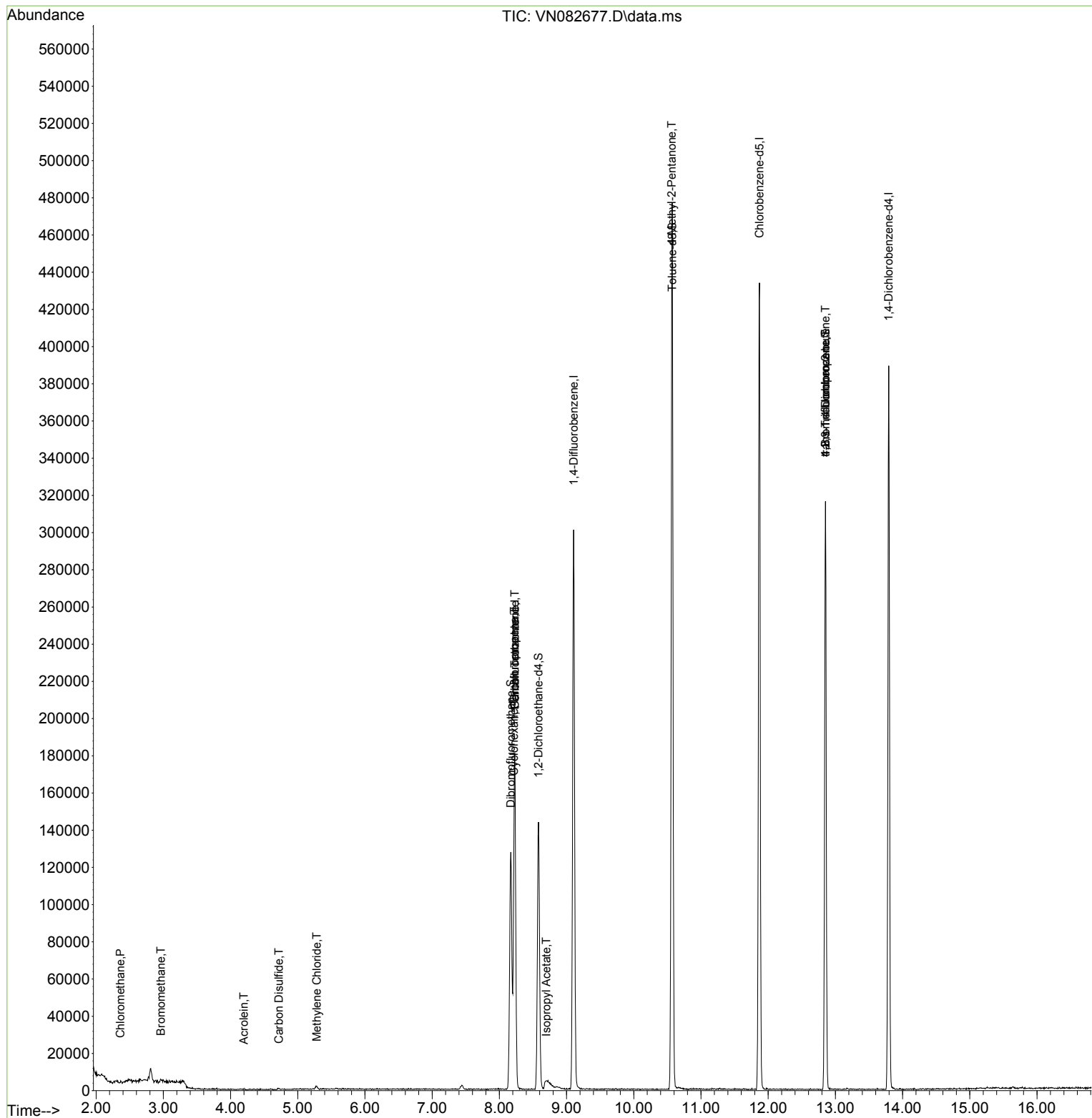
Internal Standards						
1) Pentafluorobenzene	8.230	168	125298	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	232535	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	234969	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	96030	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	118876	59.162	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 118.320%	
35) Dibromofluoromethane	8.171	113	88188	55.904	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 111.800%	
50) Toluene-d8	10.571	98	307877	51.609	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.220%	
62) 4-Bromofluorobenzene	12.853	95	98093	47.694	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 95.380%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	488	0.233	ug/l #	43
5) Bromomethane	2.965	94	633	0.493	ug/l #	62
13) Acrolein	4.200	56	71	0.212	ug/l #	14
17) Carbon Disulfide	4.718	76	897	0.202	ug/l #	75
20) Methylene Chloride	5.283	84	913	0.568	ug/l #	54
31) Cyclohexane	8.218	56	3784	1.305	ug/l #	58
36) 1,1-Dichloropropene	8.224	75	11374	4.823	ug/l #	49
38) Carbon Tetrachloride	8.230	117	13751	5.174	ug/l #	18
43) Isopropyl Acetate	8.700	43	7396	1.317	ug/l #	60
51) 4-Methyl-2-Pentanone	10.565	43	2189	0.760	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	57519	24.489	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	57519	58.589	ug/l #	6

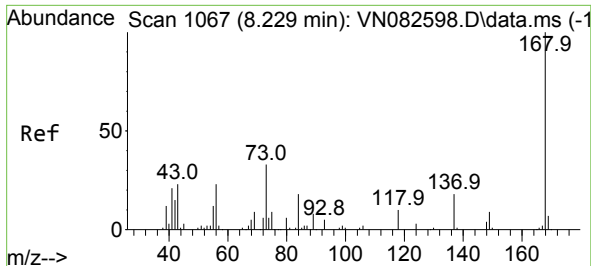
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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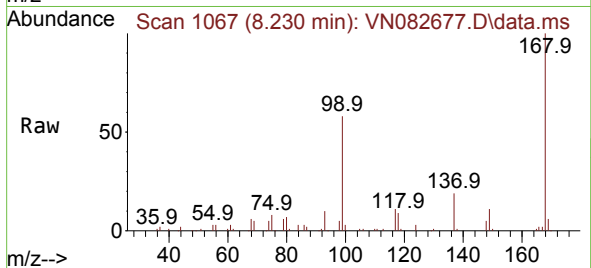
Quant Time: Jun 24 02:21:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 18 04:52:44 2024
Response via : Initial Calibration



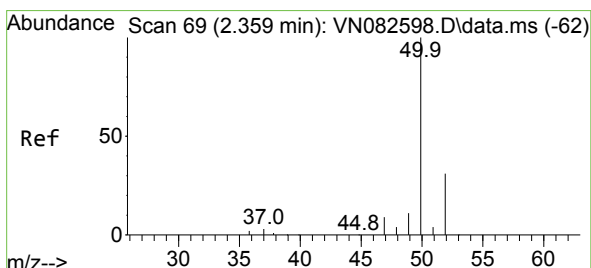
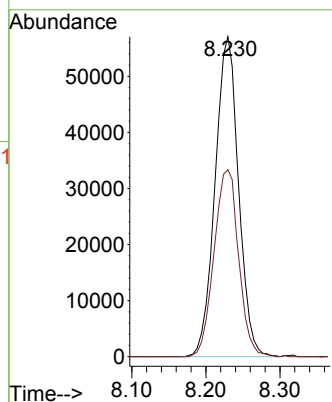
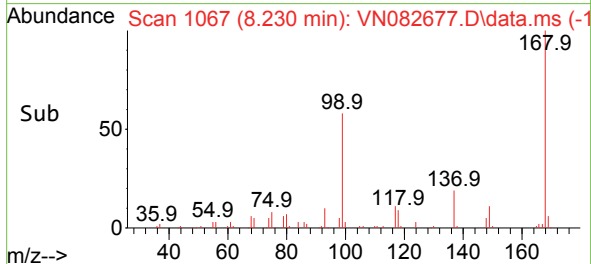


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082677.D
Acq: 21 Jun 2024 14:44

Instrument :
MSVOA_N
ClientSampleId :

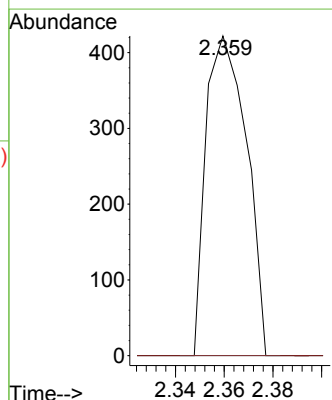
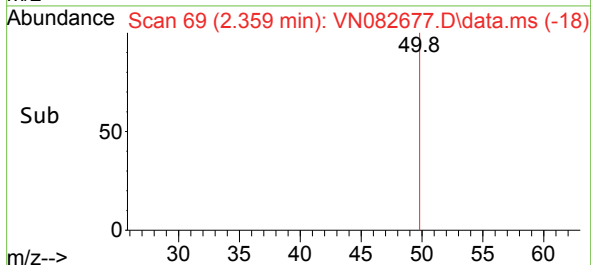
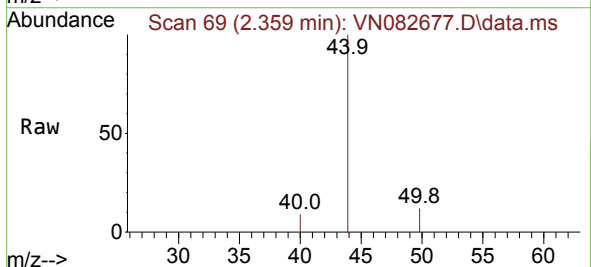


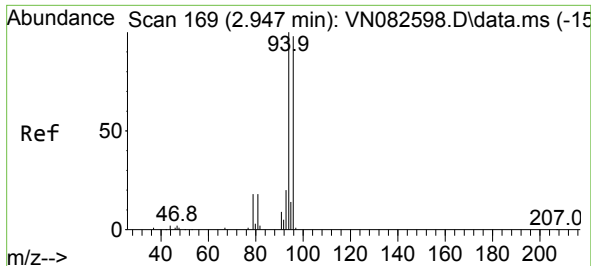
Tgt Ion:168 Resp: 125298
Ion Ratio Lower Upper
168 100
99 58.5 48.2 72.4



#3
Chloromethane
Concen: 0.233 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082677.D
Acq: 21 Jun 2024 14:44

Tgt Ion: 50 Resp: 488
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

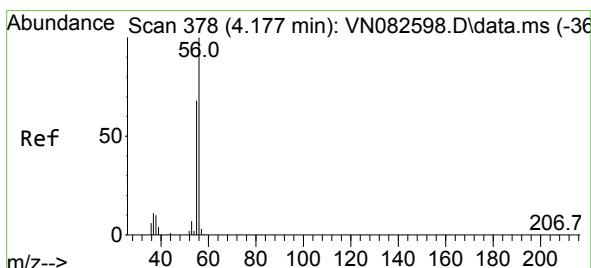
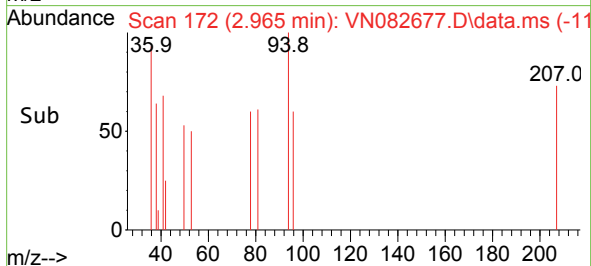
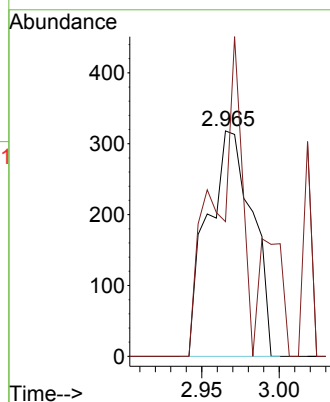
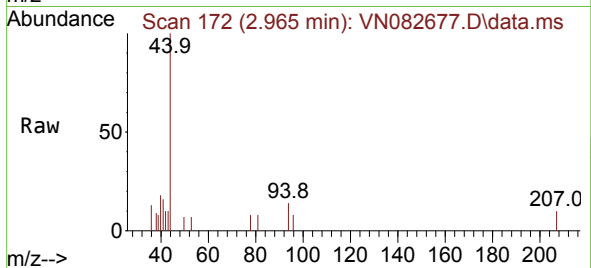




#5
Bromomethane
Concen: 0.493 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN082677.D
Acq: 21 Jun 2024 14:44

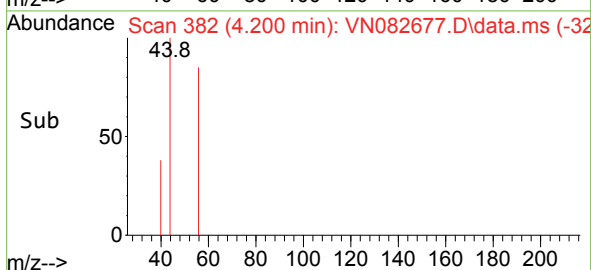
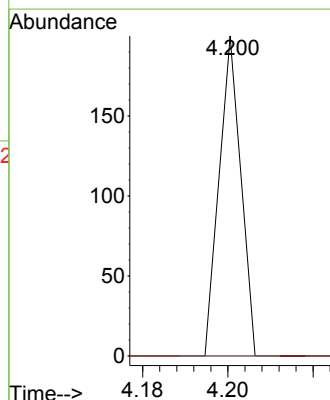
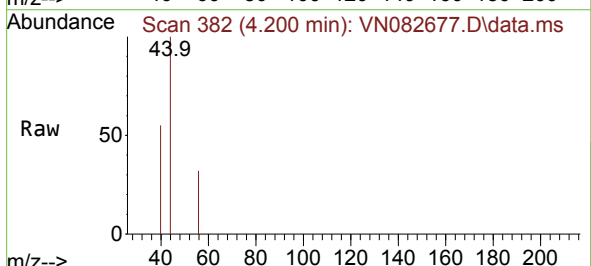
Instrument :
MSVOA_N
ClientSampleId :

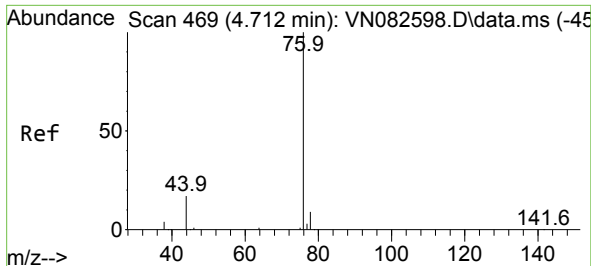
Tgt Ion: 94 Resp: 633
Ion Ratio Lower Upper
94 100
96 59.7 78.0 117.0#



#13
Acrolein
Concen: 0.212 ug/l
RT: 4.200 min Scan# 382
Delta R.T. 0.024 min
Lab File: VN082677.D
Acq: 21 Jun 2024 14:44

Tgt Ion: 56 Resp: 71
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#





#17

Carbon Disulfide

Concen: 0.202 ug/l

RT: 4.718 min Scan# 41

Delta R.T. 0.006 min

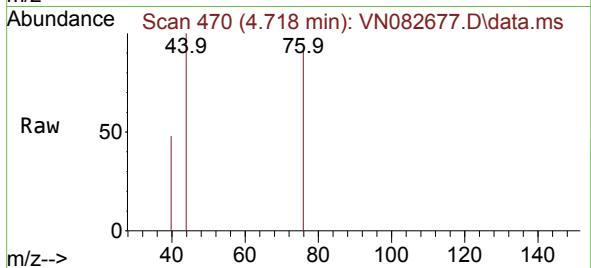
Lab File: VN082677.D

Acq: 21 Jun 2024 14:44

Instrument :

MSVOA_N

ClientSampleId :

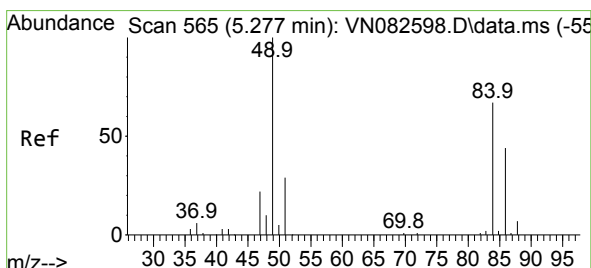
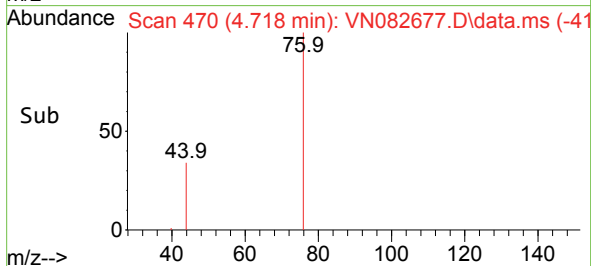
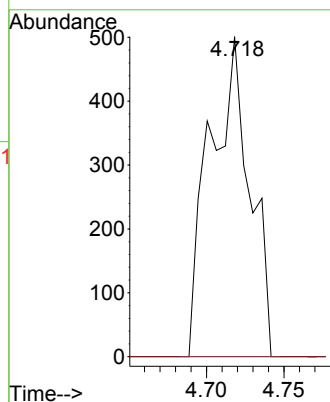


Tgt Ion: 76 Resp: 897

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#



#20

Methylene Chloride

Concen: 0.568 ug/l

RT: 5.283 min Scan# 566

Delta R.T. 0.006 min

Lab File: VN082677.D

Acq: 21 Jun 2024 14:44

Tgt Ion: 84 Resp: 913

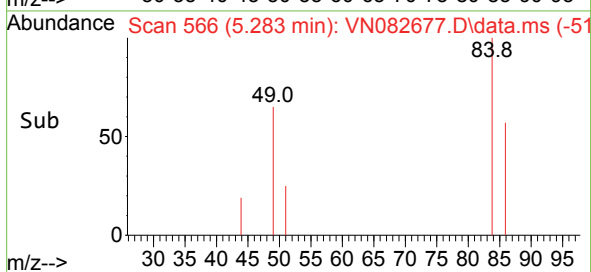
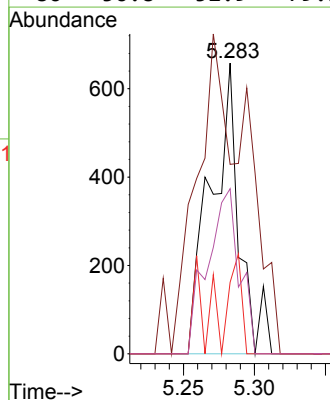
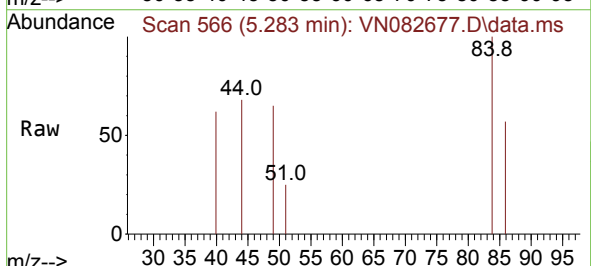
Ion Ratio Lower Upper

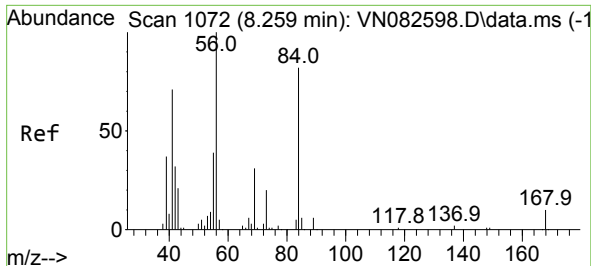
84 100

49 65.2 119.6 179.4#

51 24.6 34.8 52.2#

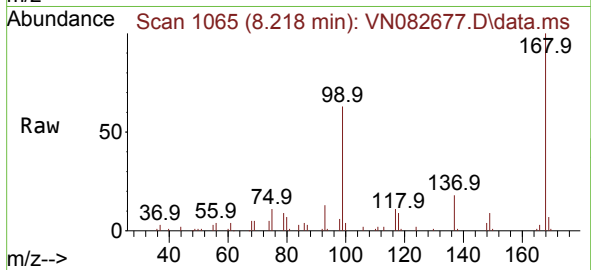
86 56.8 52.9 79.3



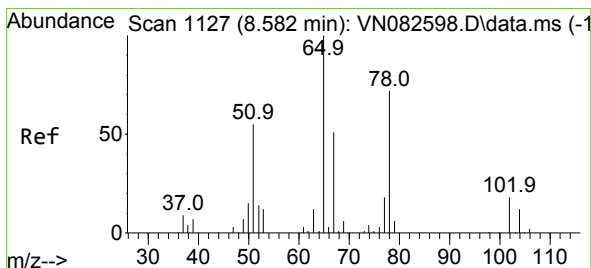
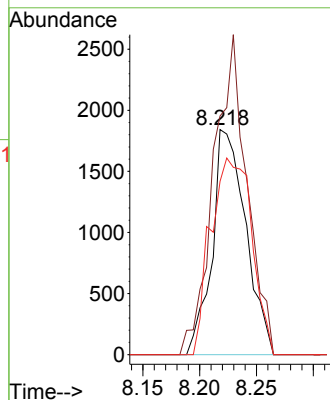
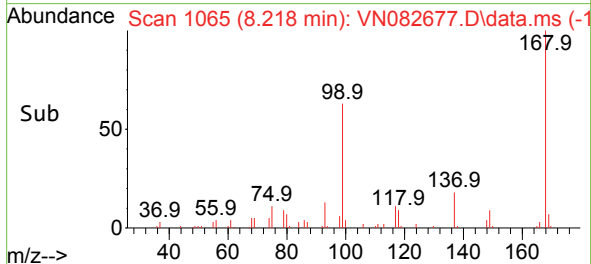


#31
Cyclohexane
Concen: 1.305 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN082677.D
Acq: 21 Jun 2024 14:44

Instrument :
MSVOA_N
ClientSampleId :

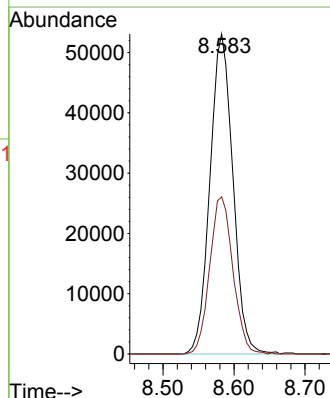
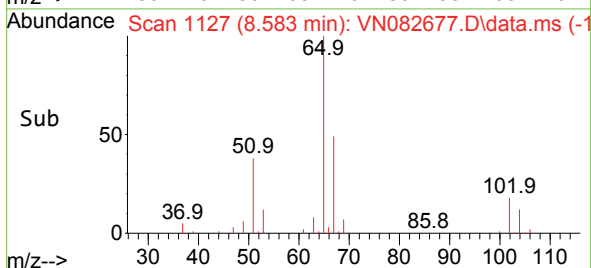
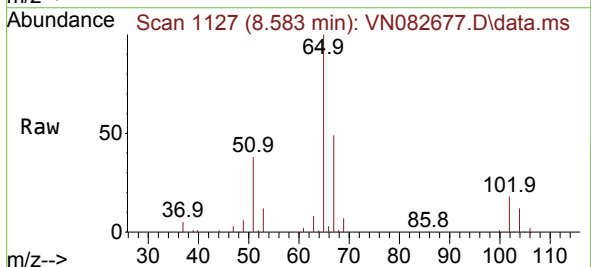


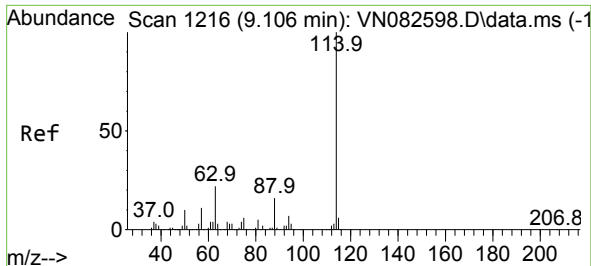
Tgt Ion: 56 Resp: 3784
Ion Ratio Lower Upper
56 100
69 106.0 24.5 36.7#
84 76.9 66.0 99.0



#33
1,2-Dichloroethane-d4
Concen: 59.162 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082677.D
Acq: 21 Jun 2024 14:44

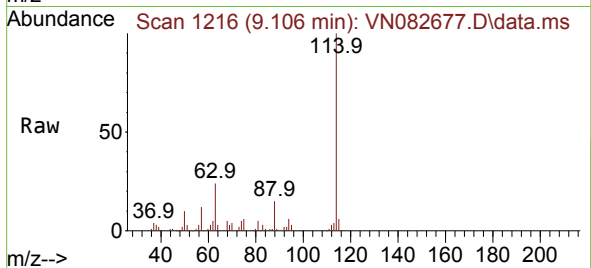
Tgt Ion: 65 Resp: 118876
Ion Ratio Lower Upper
65 100
67 49.8 0.0 104.4



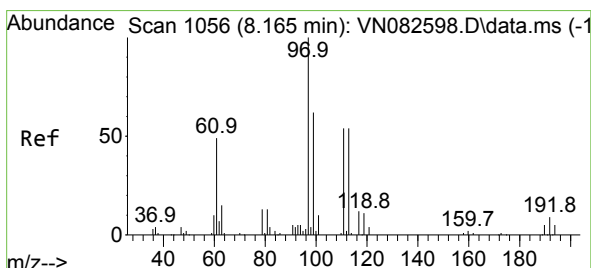
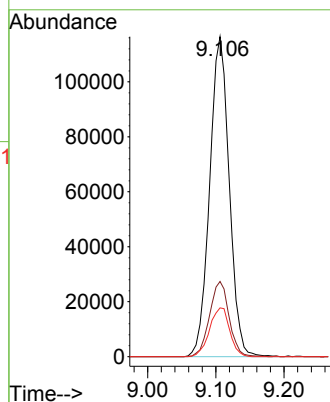
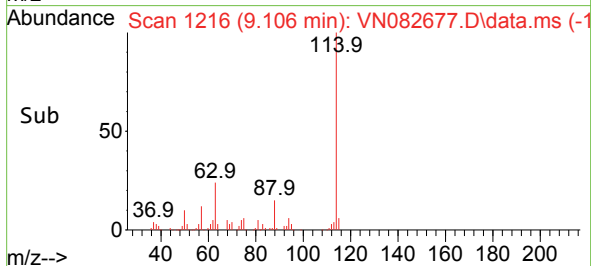


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082677.D
Acq: 21 Jun 2024 14:44

Instrument :
MSVOA_N
ClientSampleId :

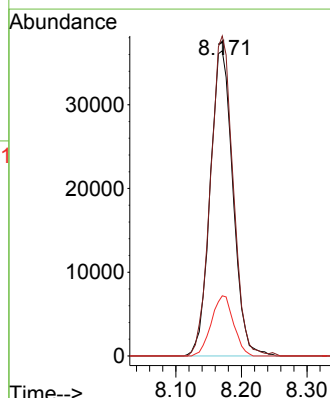
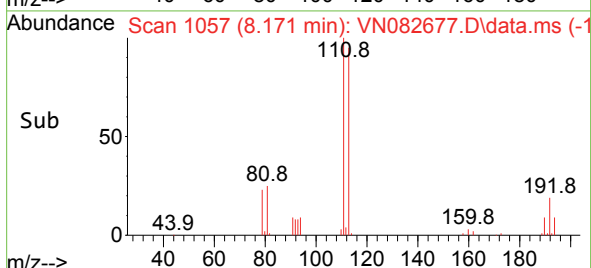
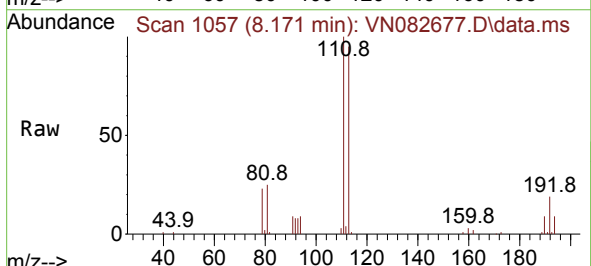


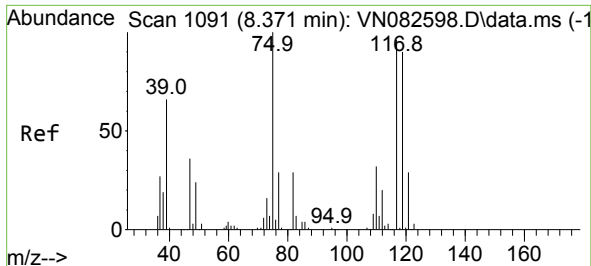
Tgt Ion:114 Resp: 232535
Ion Ratio Lower Upper
114 100
63 23.5 0.0 44.6
88 15.3 0.0 31.4



#35
Dibromofluoromethane
Concen: 55.904 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082677.D
Acq: 21 Jun 2024 14:44

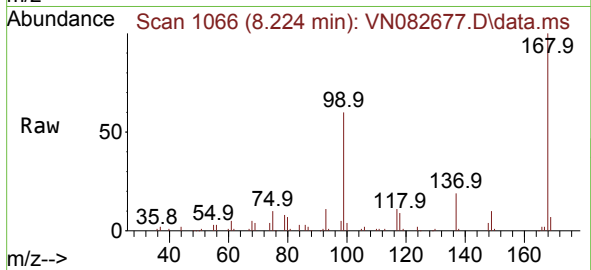
Tgt Ion:113 Resp: 88188
Ion Ratio Lower Upper
113 100
111 103.8 82.4 123.6
192 19.2 14.9 22.3



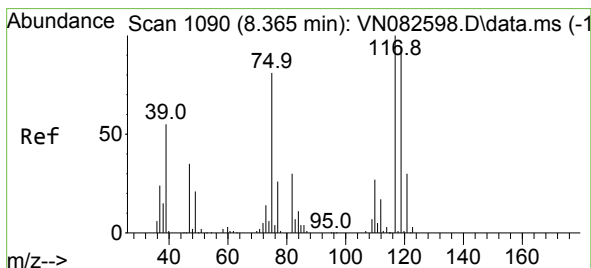
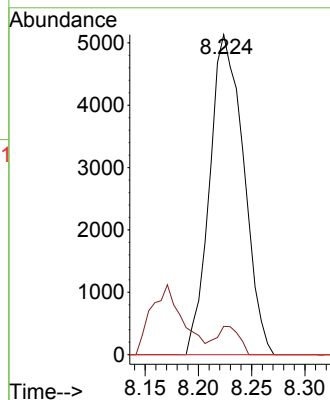
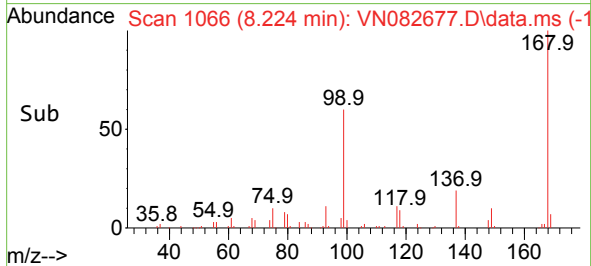


#36
1,1-Dichloropropene
Concen: 4.823 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082677.D
Acq: 21 Jun 2024 14:44

Instrument :
MSVOA_N
ClientSampleId :

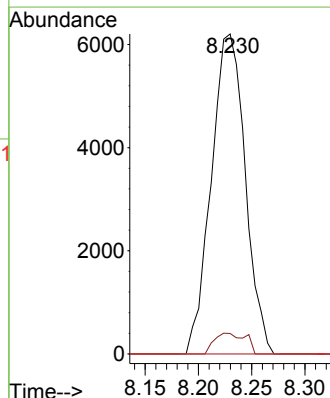
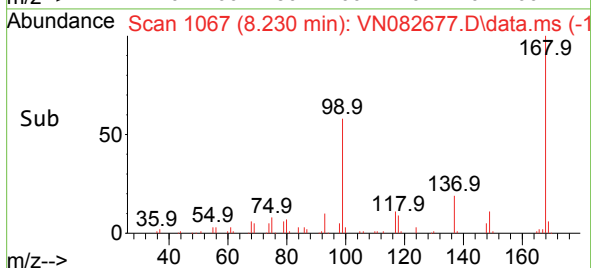
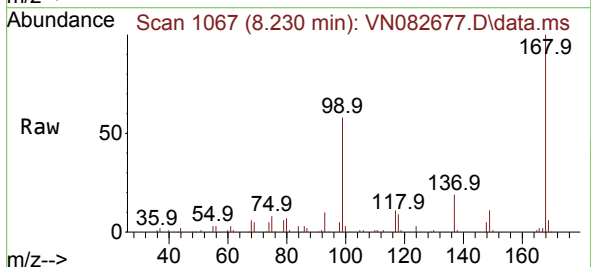


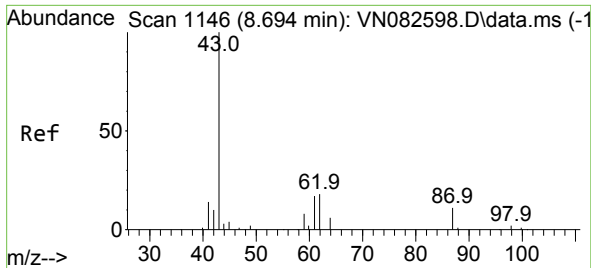
Tgt Ion: 75 Resp: 11374
Ion Ratio Lower Upper
75 100
110 6.2 16.3 48.9#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.174 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.135 min
Lab File: VN082677.D
Acq: 21 Jun 2024 14:44

Tgt Ion: 117 Resp: 13751
Ion Ratio Lower Upper
117 100
119 6.4 74.9 112.3#
121 0.0 24.3 36.5#

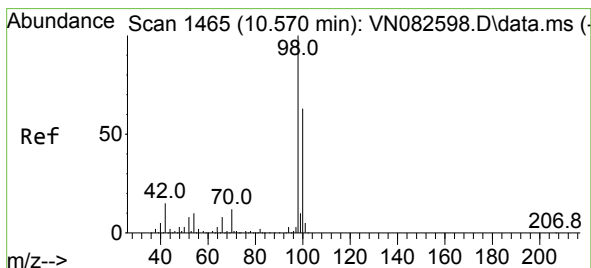
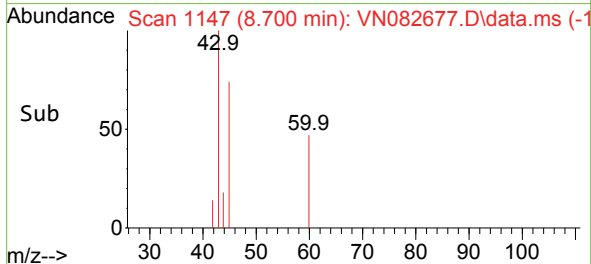
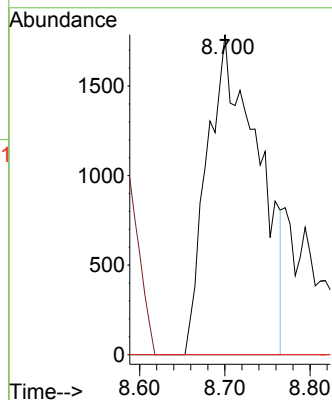
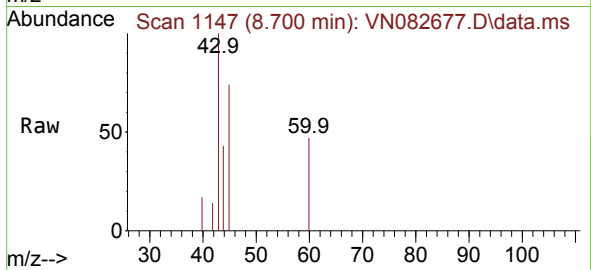




#43
Isopropyl Acetate
Concen: 1.317 ug/l
RT: 8.700 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN082677.D
Acq: 21 Jun 2024 14:44

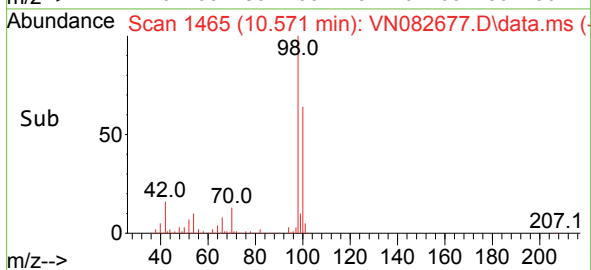
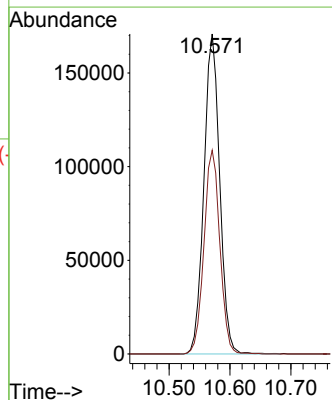
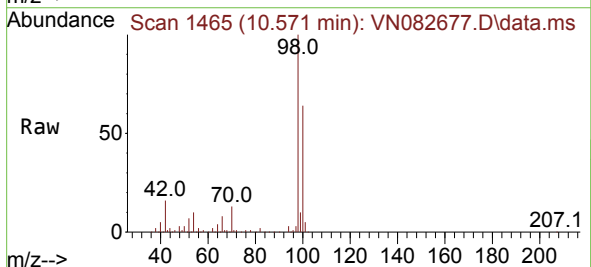
Instrument :
MSVOA_N
ClientSampleId :

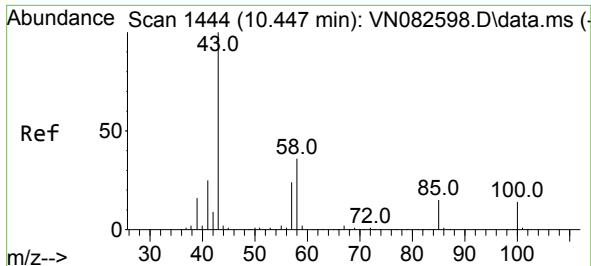
Tgt Ion: 43 Resp: 7396
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#50
Toluene-d8
Concen: 51.609 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082677.D
Acq: 21 Jun 2024 14:44

Tgt Ion: 98 Resp: 307877
Ion Ratio Lower Upper
98 100
100 64.0 51.5 77.3

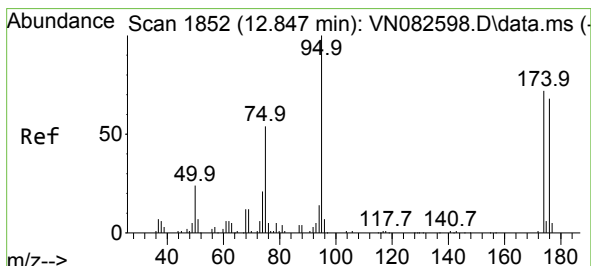
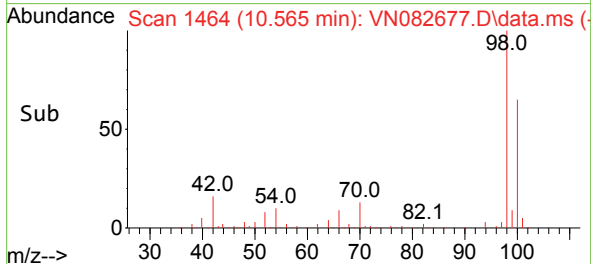
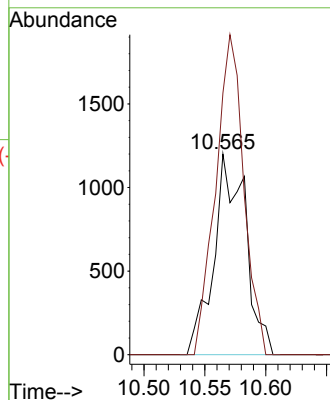
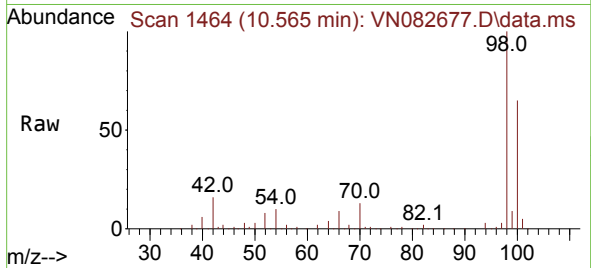




#51
4-Methyl-2-Pentanone
Concen: 0.760 ug/l
RT: 10.565 min Scan# 1444
Delta R.T. 0.118 min
Lab File: VN082677.D
Acq: 21 Jun 2024 14:44

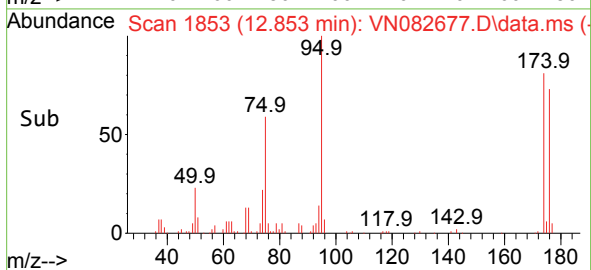
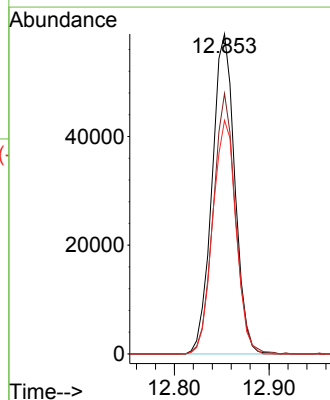
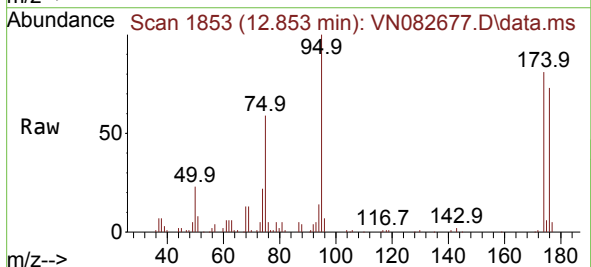
Instrument :
MSVOA_N
ClientSampleId :

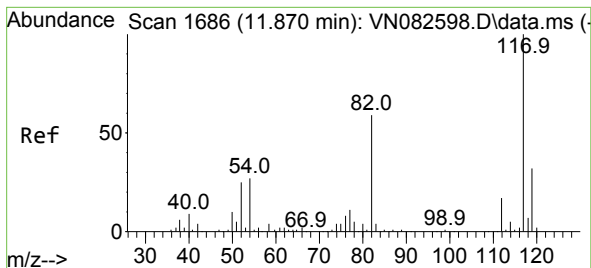
Tgt Ion: 43 Resp: 2189
Ion Ratio Lower Upper
43 100
58 140.9 28.2 42.4#



#62
4-Bromofluorobenzene
Concen: 47.694 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082677.D
Acq: 21 Jun 2024 14:44

Tgt Ion: 95 Resp: 98093
Ion Ratio Lower Upper
95 100
174 80.0 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: VN082677.D

Acq: 21 Jun 2024 14:44

Instrument :

MSVOA_N

ClientSampleId :

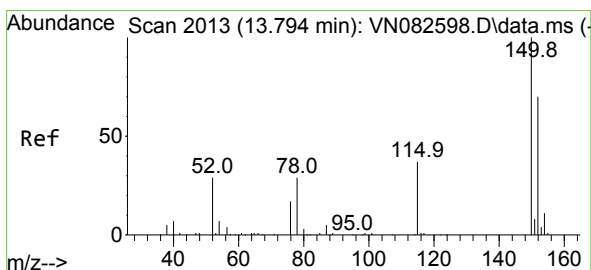
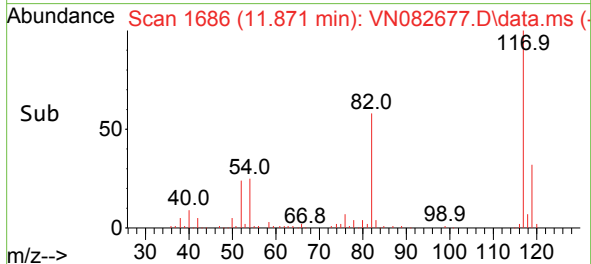
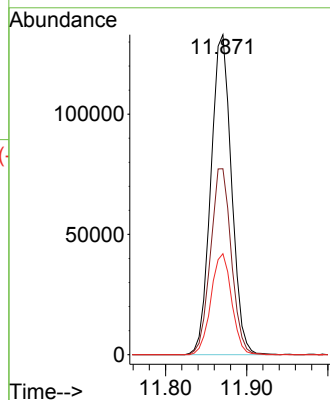
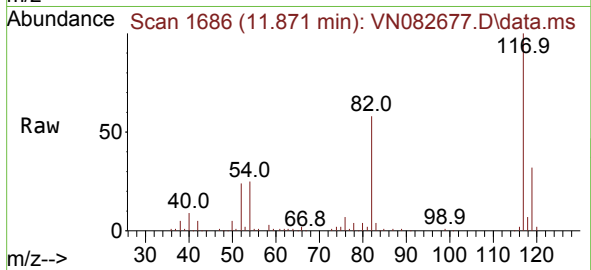
Tgt Ion:117 Resp: 234969

Ion Ratio Lower Upper

117 100

82 58.1 47.5 71.3

119 31.5 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: VN082677.D

Acq: 21 Jun 2024 14:44

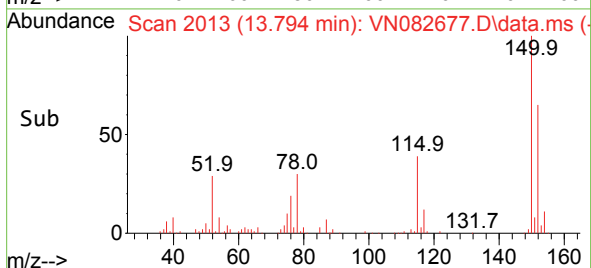
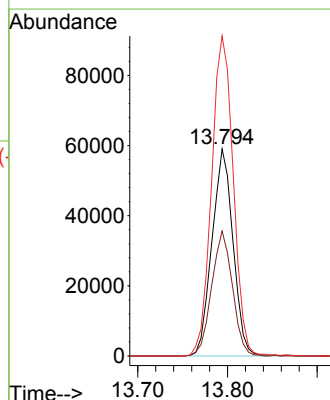
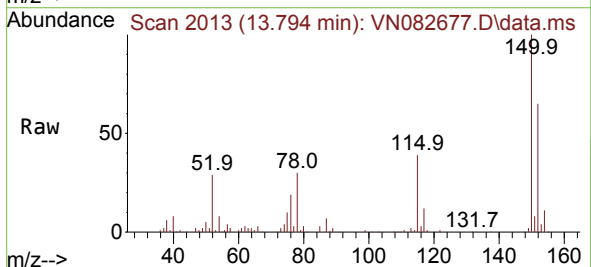
Tgt Ion:152 Resp: 96030

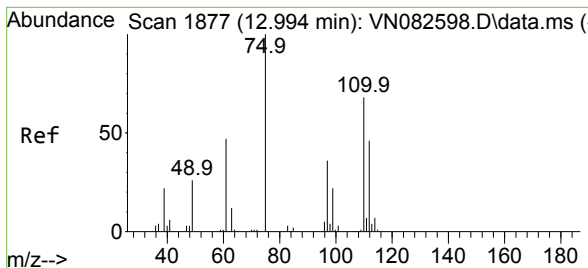
Ion Ratio Lower Upper

152 100

115 59.5 30.6 91.6

150 159.4 0.0 348.6





#76

1,2,3-Trichloropropane

Concen: 24.489 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN082677.D

Acq: 21 Jun 2024 14:44

Instrument :

MSVOA_N

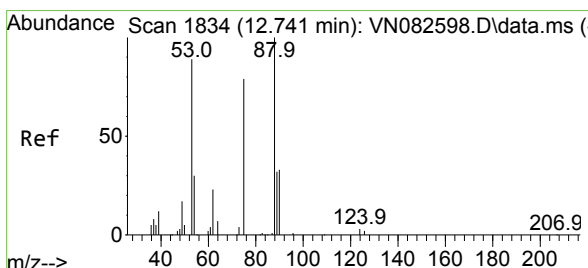
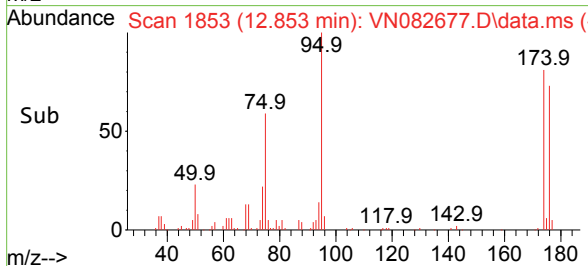
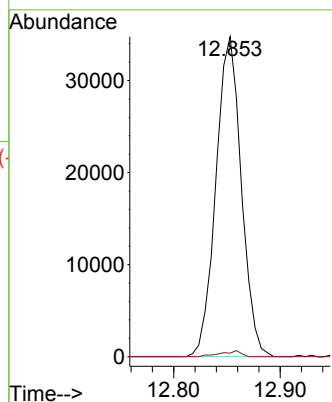
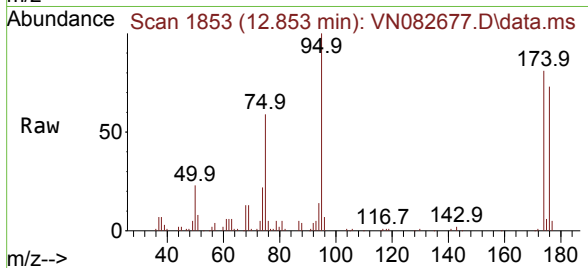
ClientSampleId :

Tgt Ion: 75 Resp: 57519

Ion Ratio Lower Upper

75 100

77 1.5 110.9 332.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 58.589 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN082677.D

Acq: 21 Jun 2024 14:44

Tgt Ion: 75 Resp: 57519

Ion Ratio Lower Upper

75 100

53 0.1 88.4 132.6#

89 0.0 36.3 54.5#

