

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062024\
 Data File : VN082663.D
 Acq On : 20 Jun 2024 13:09
 Operator : JC\MD
 Sample : P2978-01 100X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 21 02:05:03 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)

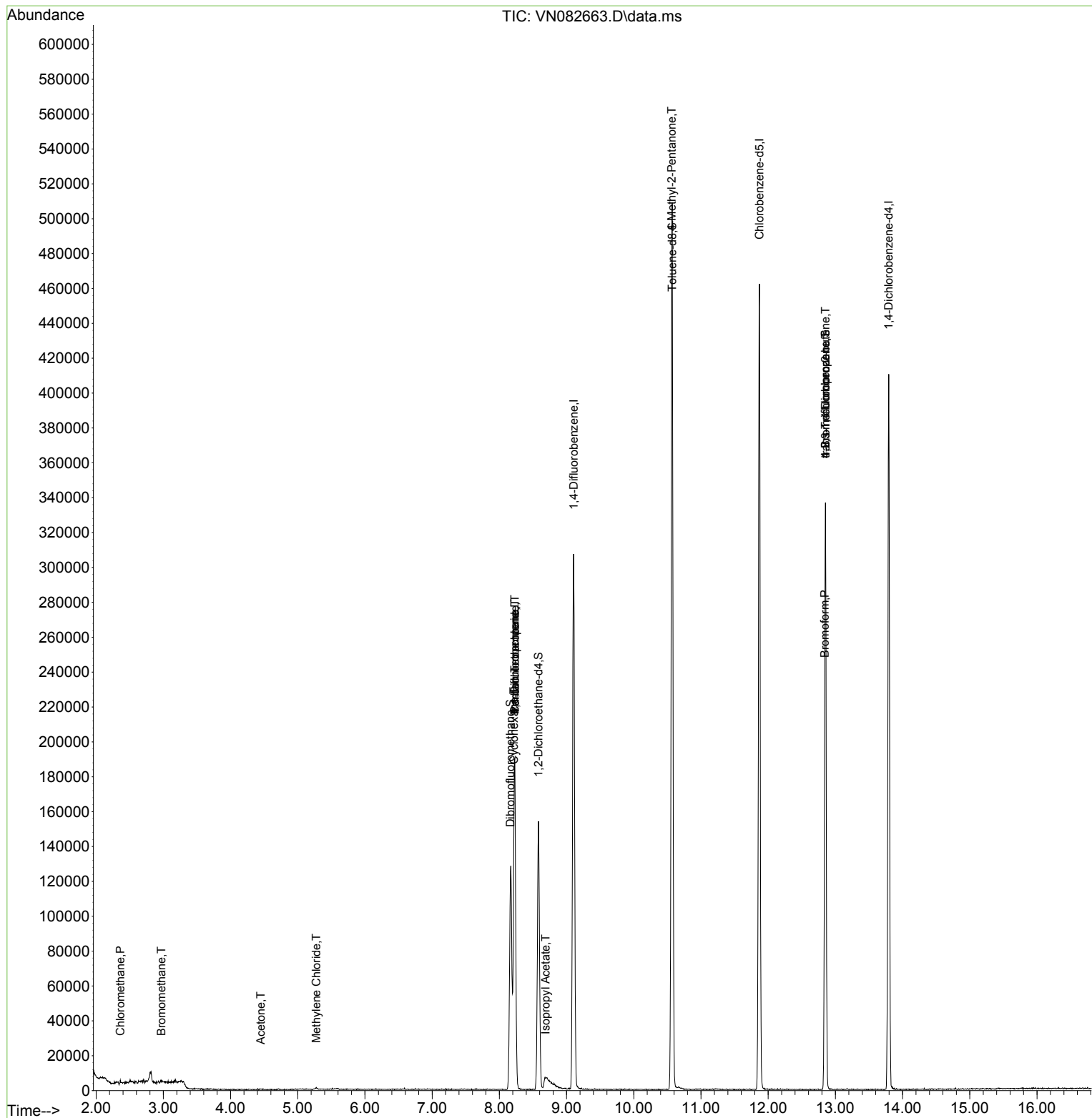
Internal Standards						
1) Pentafluorobenzene	8.230	168	134426	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	247482	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	242547	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	103079	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	122903	57.013	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 114.020%			
35) Dibromofluoromethane	8.165	113	91910	54.744	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.480%			
50) Toluene-d8	10.571	98	322258	50.758	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.520%			
62) 4-Bromofluorobenzene	12.853	95	105779	48.325	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 96.660%			
Target Compounds						Qvalue
3) Chloromethane	2.359	50	451	0.200	ug/l #	43
5) Bromomethane	2.971	94	436	0.316	ug/l	93
16) Acetone	4.447	43	745	0.760	ug/l #	48
20) Methylene Chloride	5.277	84	513	0.298	ug/l #	67
31) Cyclohexane	8.218	56	3738	1.202	ug/l #	36
36) 1,1-Dichloropropene	8.230	75	12489	4.976	ug/l #	49
38) Carbon Tetrachloride	8.230	117	14259	5.041	ug/l #	17
43) Isopropyl Acetate	8.688	43	5561	0.931	ug/l #	60
51) 4-Methyl-2-Pentanone	10.565	43	2292	0.748	ug/l #	1
71) Bromoform	12.841	173	462	0.295	ug/l #	29
76) 1,2,3-Trichloropropane	12.853	75	61148	24.254	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	61148	58.026	ug/l #	6

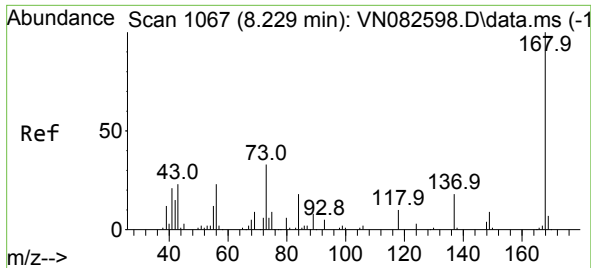
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062024\
Data File : VN082663.D
Acq On : 20 Jun 2024 13:09
Operator : JC\MD
Sample : P2978-01 100X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

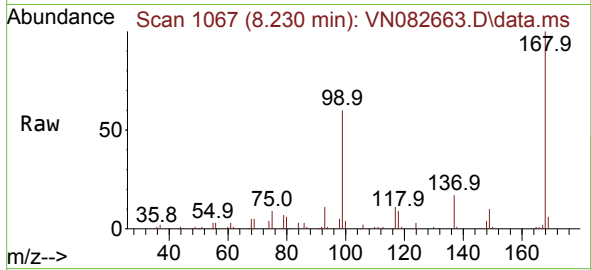
Quant Time: Jun 21 02:05:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 18 04:52:44 2024
Response via : Initial Calibration



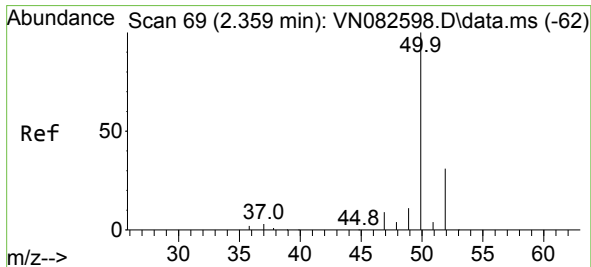
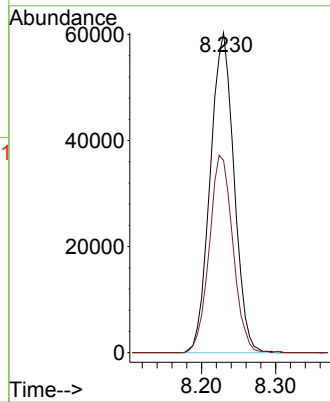
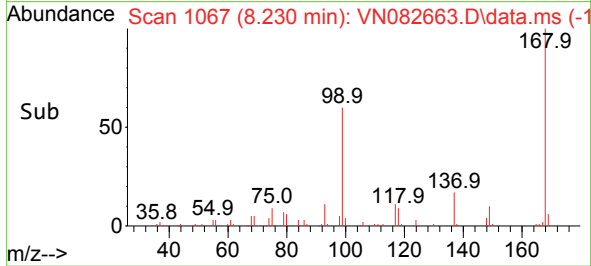


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082663.D
Acq: 20 Jun 2024 13:09

Instrument :
MSVOA_N
ClientSampleId :

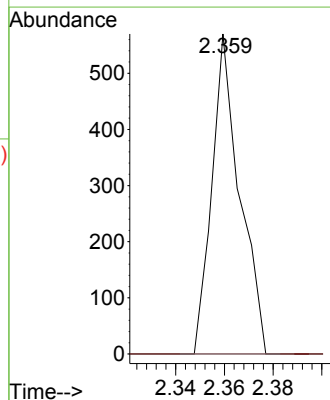
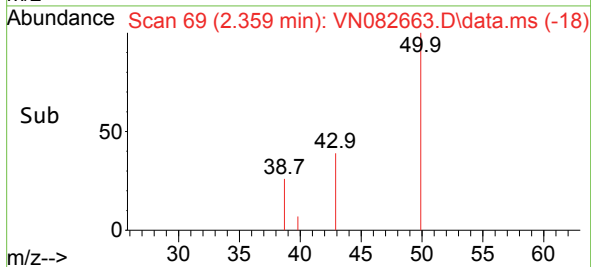
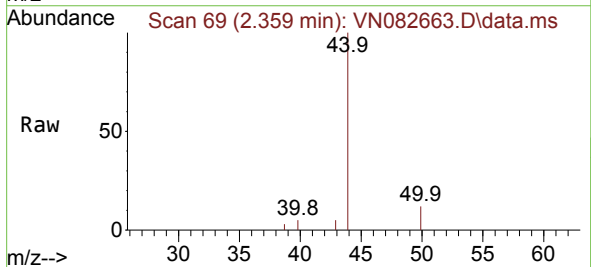


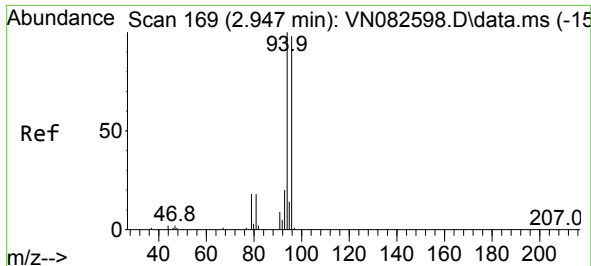
Tgt Ion:168 Resp: 134426
Ion Ratio Lower Upper
168 100
99 60.1 48.2 72.4



#3
Chloromethane
Concen: 0.200 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082663.D
Acq: 20 Jun 2024 13:09

Tgt Ion: 50 Resp: 451
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

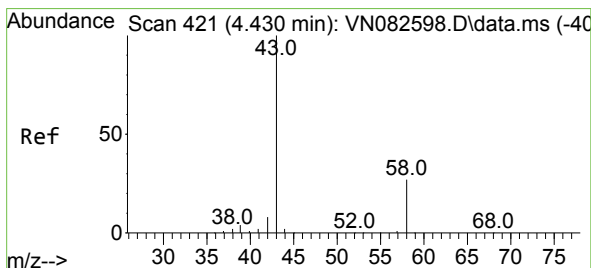
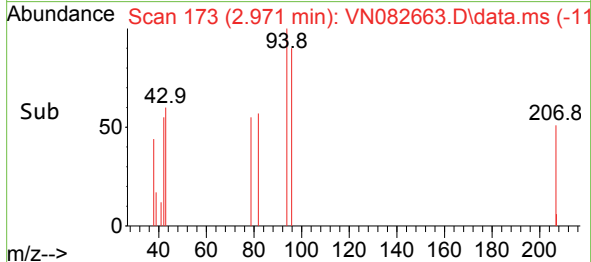
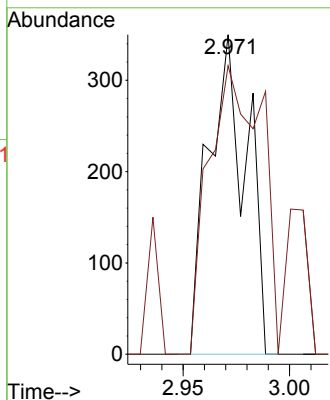
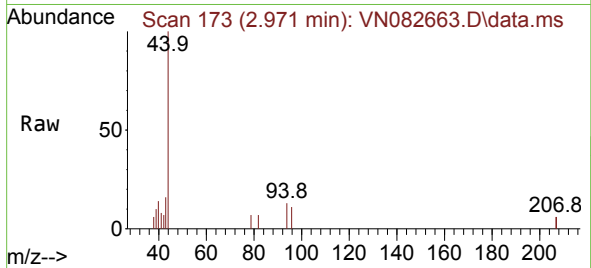




#5
Bromomethane
Concen: 0.316 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN082663.D
Acq: 20 Jun 2024 13:09

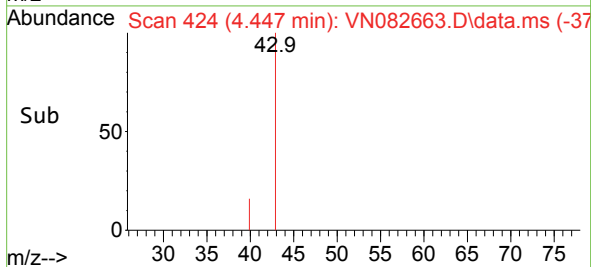
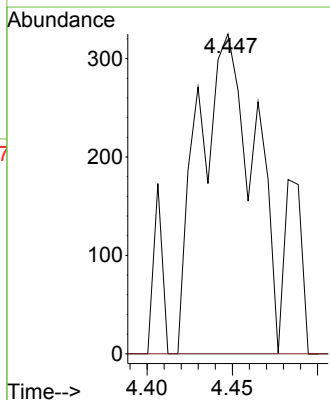
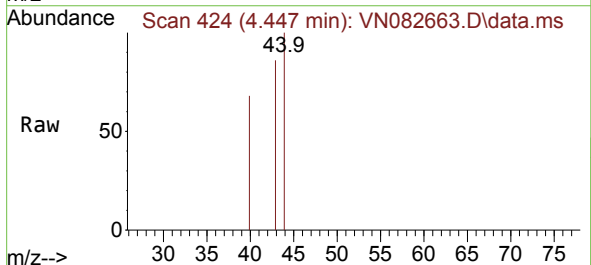
Instrument :
MSVOA_N
ClientSampleId :

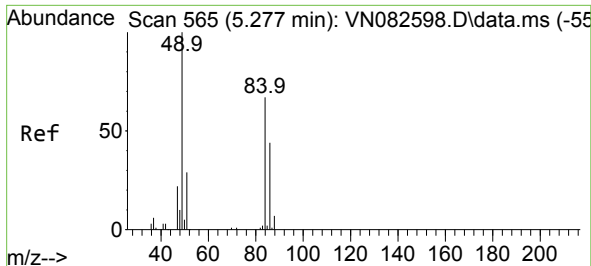
Tgt Ion: 94 Resp: 436
Ion Ratio Lower Upper
94 100
96 90.3 78.0 117.0



#16
Acetone
Concen: 0.760 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.018 min
Lab File: VN082663.D
Acq: 20 Jun 2024 13:09

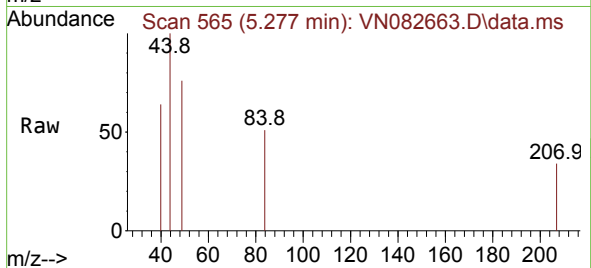
Tgt Ion: 43 Resp: 745
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



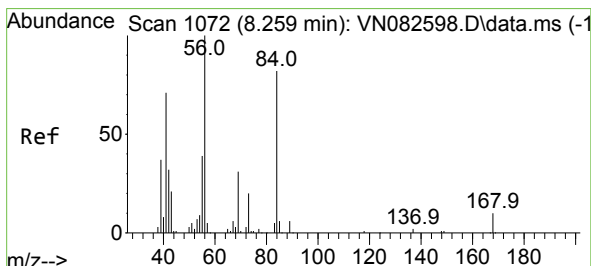
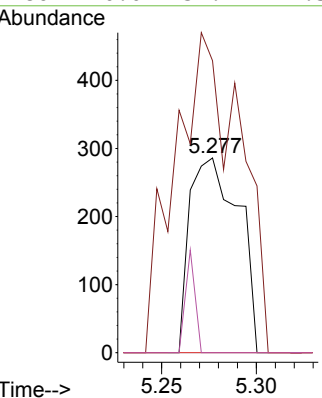
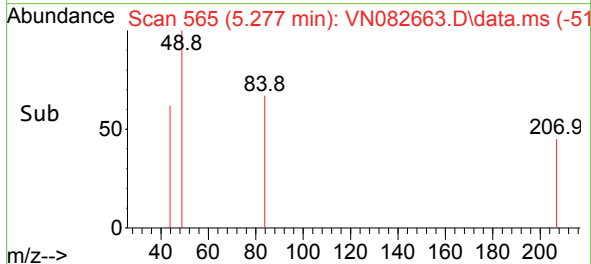


#20
Methylene Chloride
Concen: 0.298 ug/l
RT: 5.277 min Scan# 513
Delta R.T. 0.000 min
Lab File: VN082663.D
Acq: 20 Jun 2024 13:09

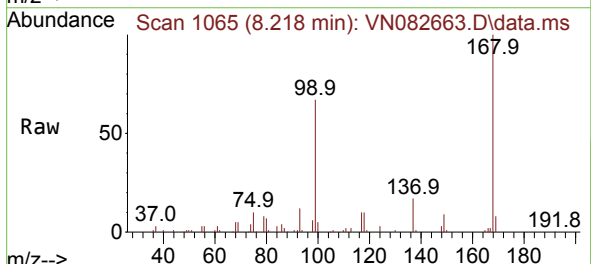
Instrument :
MSVOA_N
ClientSampleId :



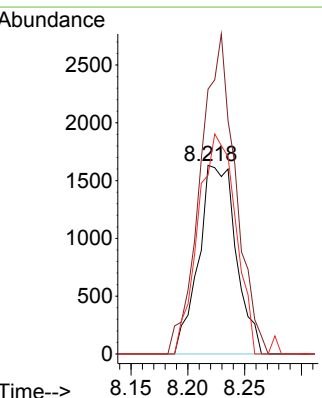
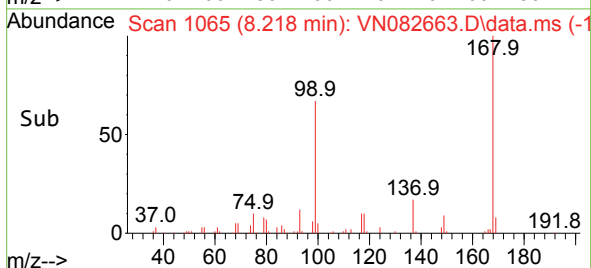
Tgt Ion:	84	Resp:	513
Ion	Ratio	Lower	Upper
84	100		
49	150.0	119.6	179.4
51	0.0	34.8	52.2#
86	0.0	52.9	79.3#

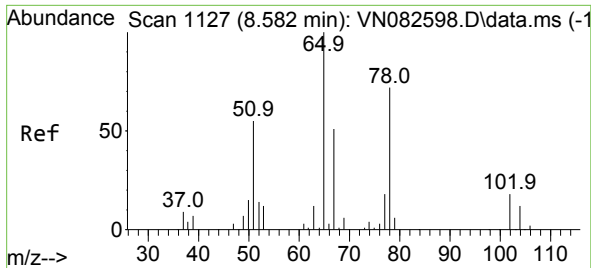


#31
Cyclohexane
Concen: 1.202 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN082663.D
Acq: 20 Jun 2024 13:09



Tgt Ion:	56	Resp:	3738
Ion	Ratio	Lower	Upper
56	100		
69	140.4	24.5	36.7#
84	94.8	66.0	99.0

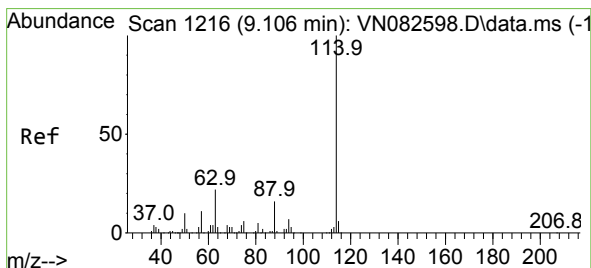
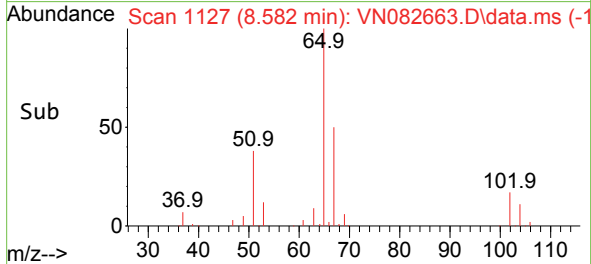
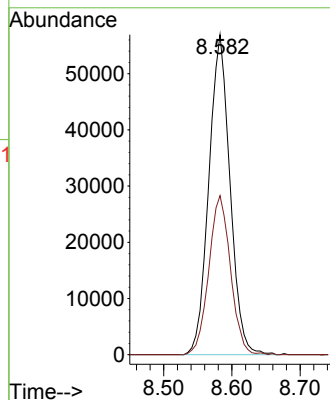
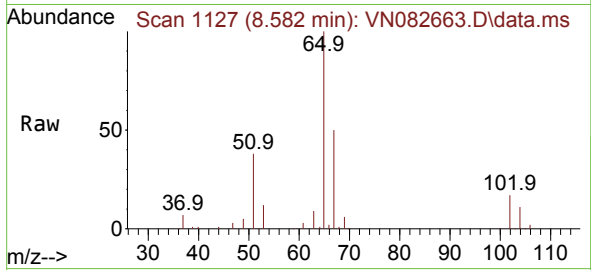




#33
 1,2-Dichloroethane-d4
 Concen: 57.013 ug/l
 RT: 8.582 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VN082663.D
 Acq: 20 Jun 2024 13:09

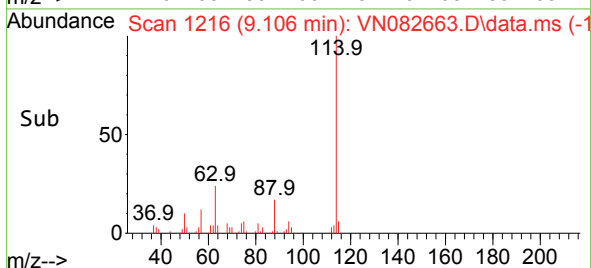
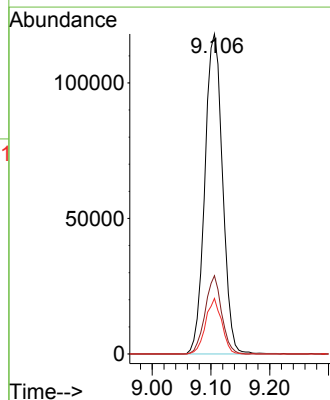
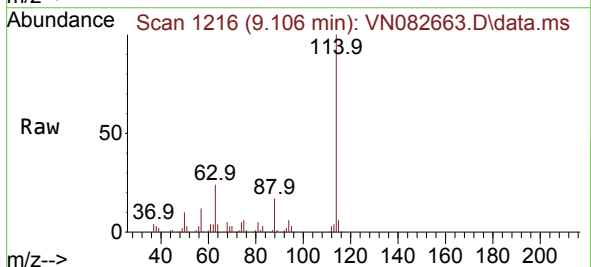
Instrument :
 MSVOA_N
 ClientSampleId :

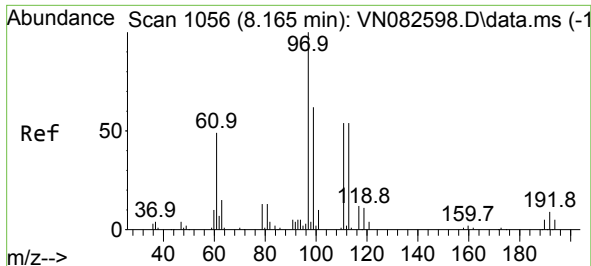
Tgt Ion: 65 Resp: 122903
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. 0.000 min
 Lab File: VN082663.D
 Acq: 20 Jun 2024 13:09

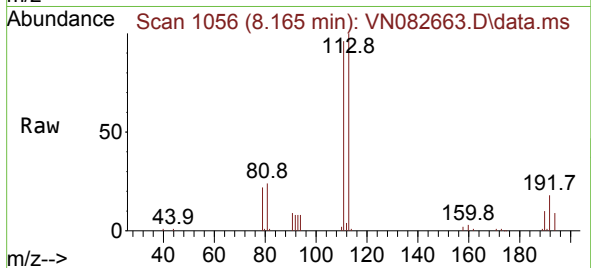
Tgt Ion: 114 Resp: 247482
 Ion Ratio Lower Upper
 114 100
 63 24.4 0.0 44.6
 88 17.4 0.0 31.4



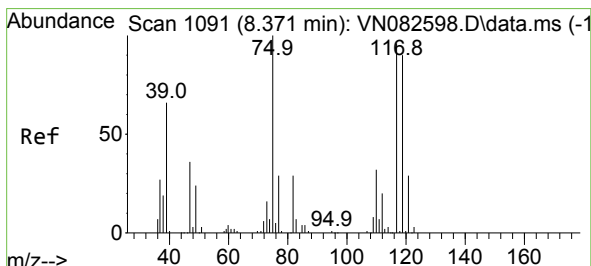
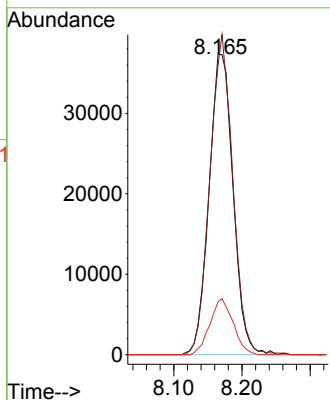
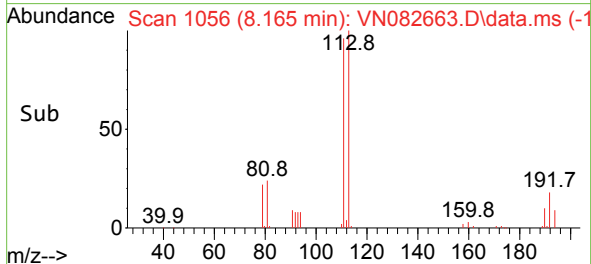


#35
Dibromofluoromethane
Concen: 54.744 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN082663.D
Acq: 20 Jun 2024 13:09

Instrument :
MSVOA_N
ClientSampleId :

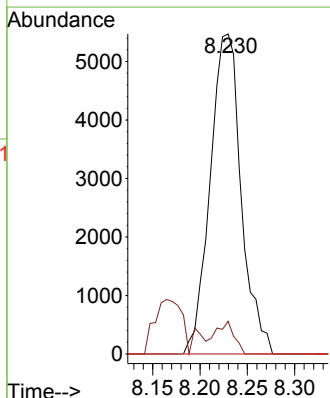
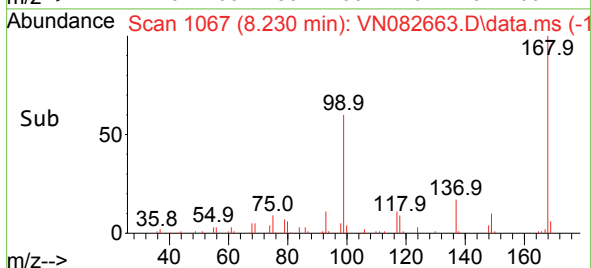
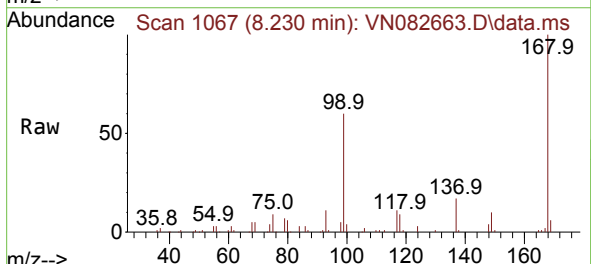


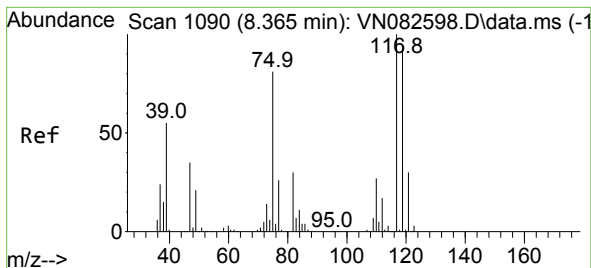
Tgt Ion:113 Resp: 91910
Ion Ratio Lower Upper
113 100
111 101.5 82.4 123.6
192 18.0 14.9 22.3



#36
1,1-Dichloropropene
Concen: 4.976 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN082663.D
Acq: 20 Jun 2024 13:09

Tgt Ion: 75 Resp: 12489
Ion Ratio Lower Upper
75 100
110 6.2 16.3 48.9#
77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 5.041 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.135 min

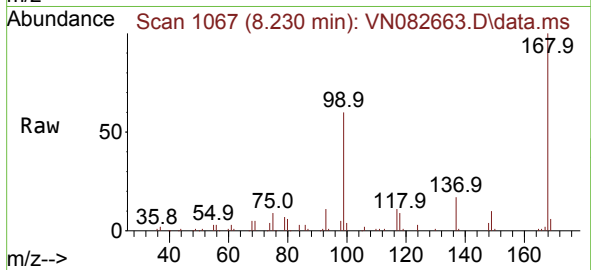
Lab File: VN082663.D

Acq: 20 Jun 2024 13:09

Instrument :

MSVOA_N

ClientSampleId :



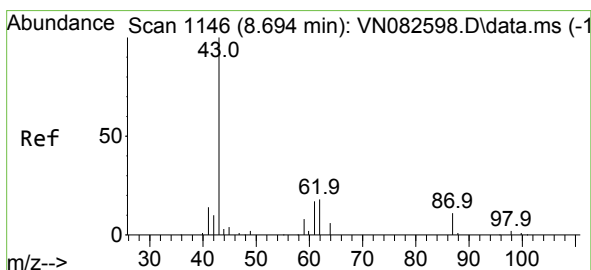
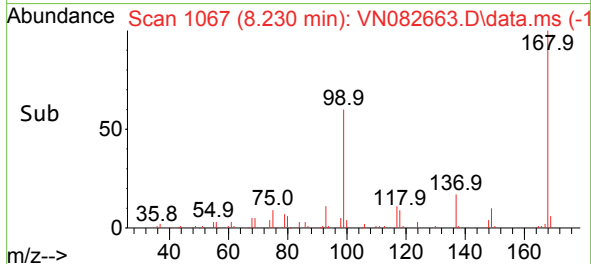
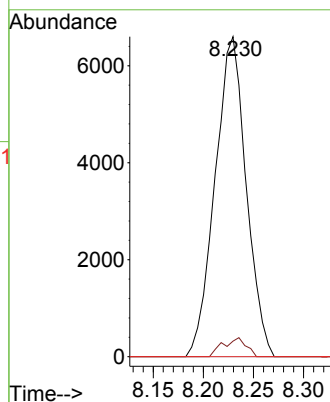
Tgt Ion:117 Resp: 14259

Ion Ratio Lower Upper

117 100

119 4.8 74.9 112.3#

121 0.0 24.3 36.5#



#43

Isopropyl Acetate

Concen: 0.931 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VN082663.D

Acq: 20 Jun 2024 13:09

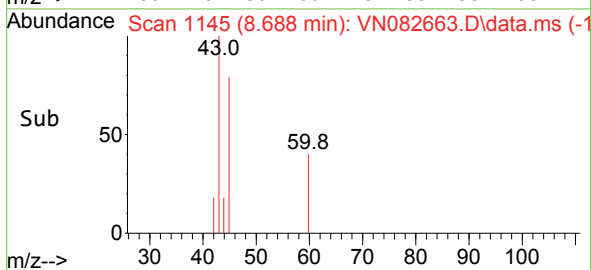
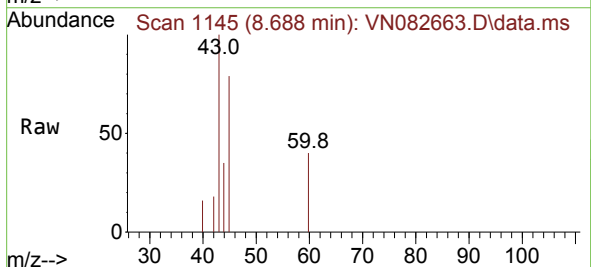
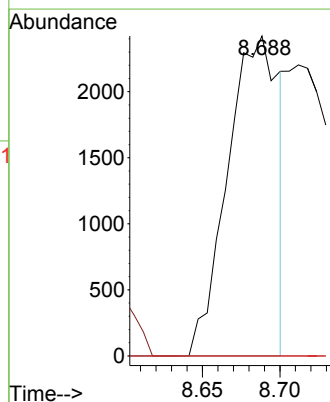
Tgt Ion: 43 Resp: 5561

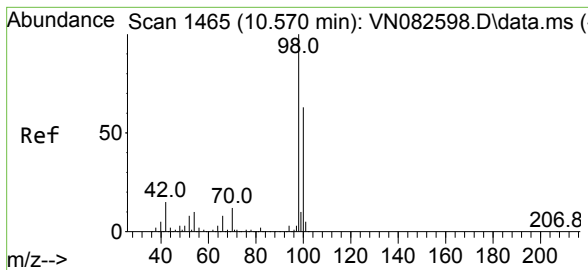
Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

87 0.0 8.2 12.2#

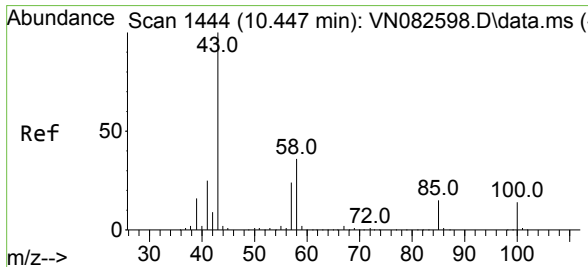
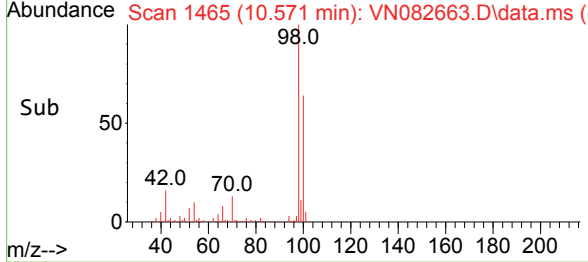
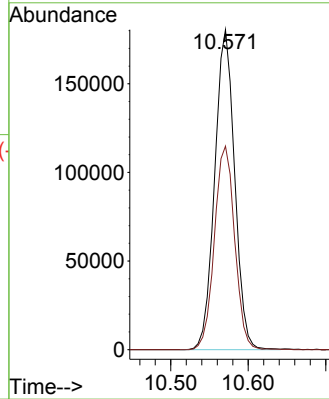
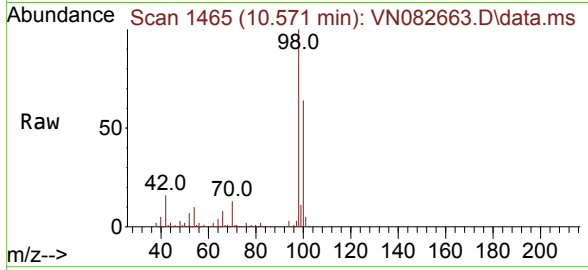




#50
Toluene-d8
Concen: 50.758 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082663.D
Acq: 20 Jun 2024 13:09

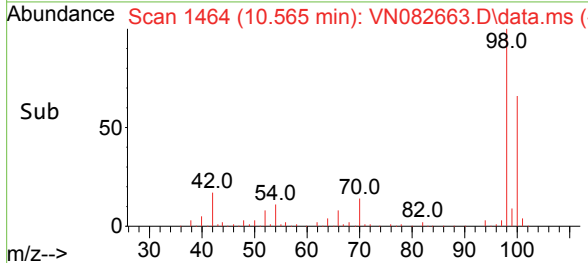
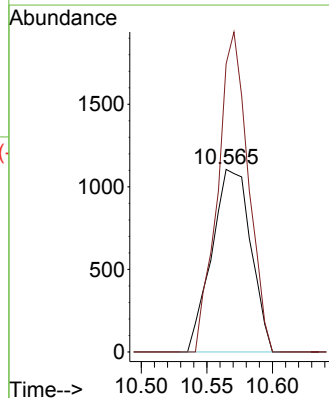
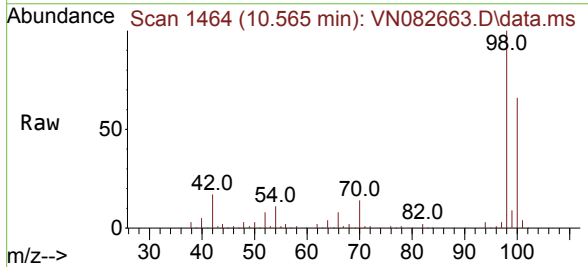
Instrument :
MSVOA_N
ClientSampleId :

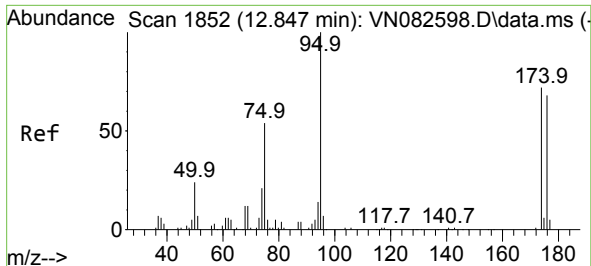
Tgt Ion: 98 Resp: 322258
Ion Ratio Lower Upper
98 100
100 64.8 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.748 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN082663.D
Acq: 20 Jun 2024 13:09

Tgt Ion: 43 Resp: 2292
Ion Ratio Lower Upper
43 100
58 137.5 28.2 42.4#

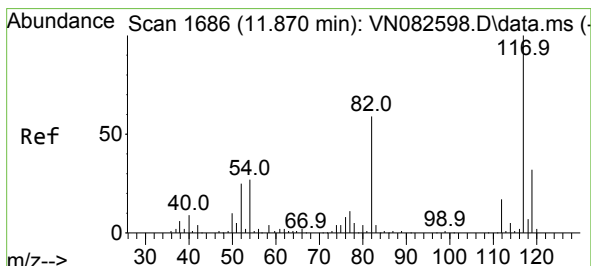
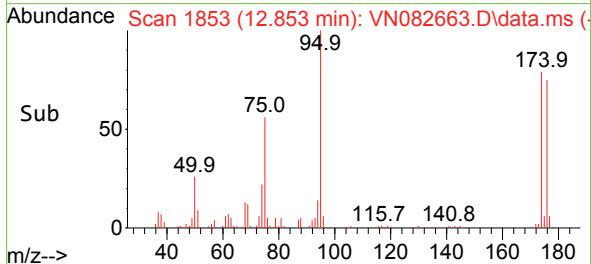
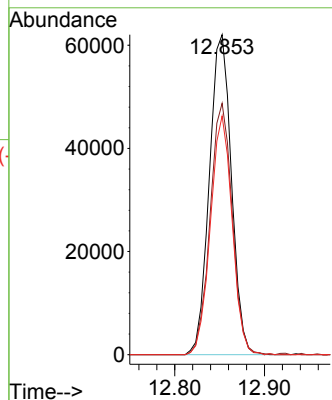
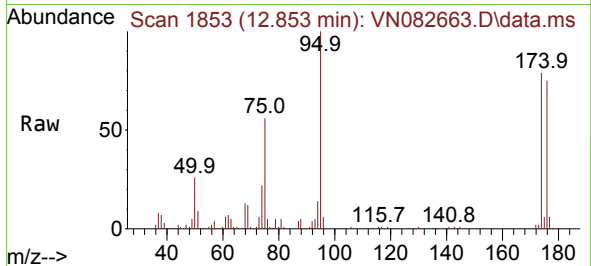




#62
4-Bromofluorobenzene
Concen: 48.325 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082663.D
Acq: 20 Jun 2024 13:09

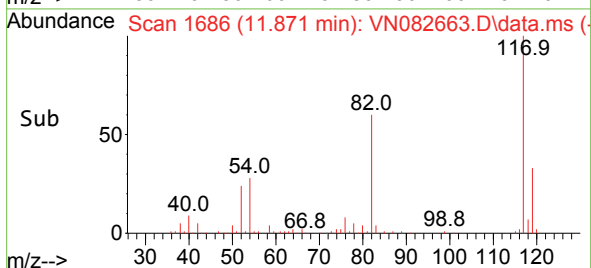
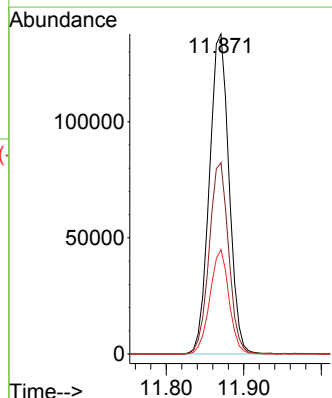
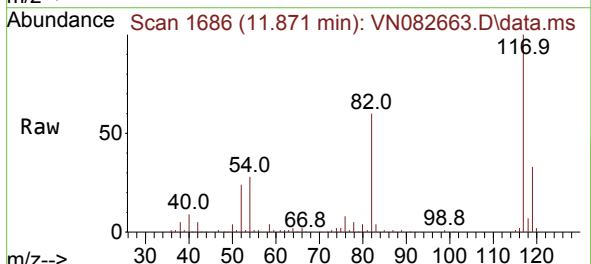
Instrument :
MSVOA_N
ClientSampleId :

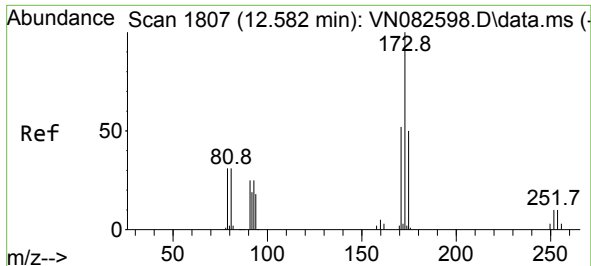
Tgt Ion: 95 Resp: 105779
Ion Ratio Lower Upper
95 100
174 78.9 0.0 159.2
176 73.5 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN082663.D
Acq: 20 Jun 2024 13:09

Tgt Ion: 117 Resp: 242547
Ion Ratio Lower Upper
117 100
82 59.7 47.5 71.3
119 32.6 25.6 38.4

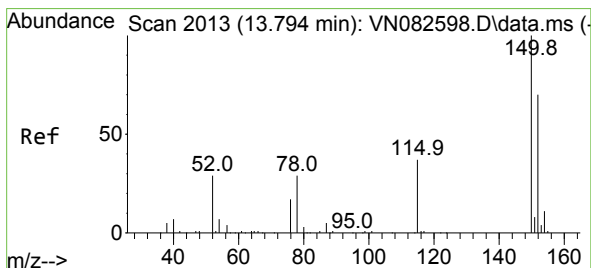
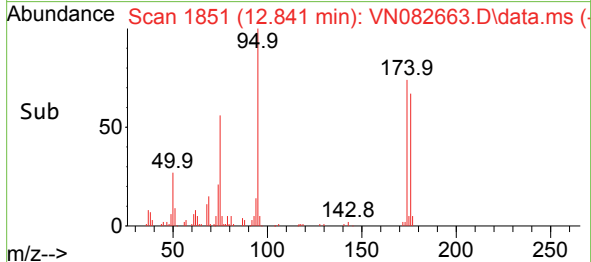
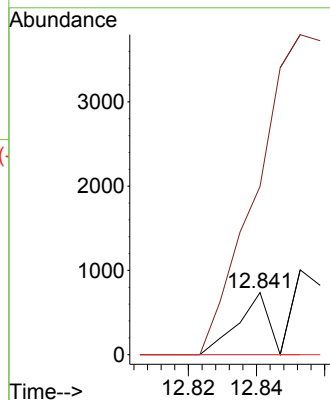
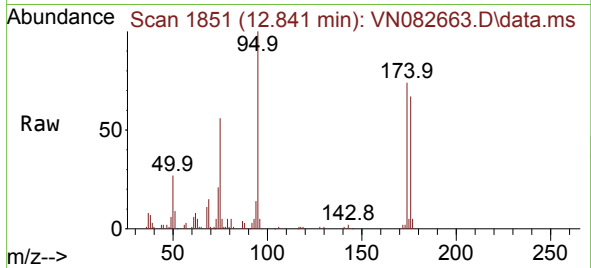




#71
Bromoform
Concen: 0.295 ug/l
RT: 12.841 min Scan# 1807
Delta R.T. 0.259 min
Lab File: VN082663.D
Acq: 20 Jun 2024 13:09

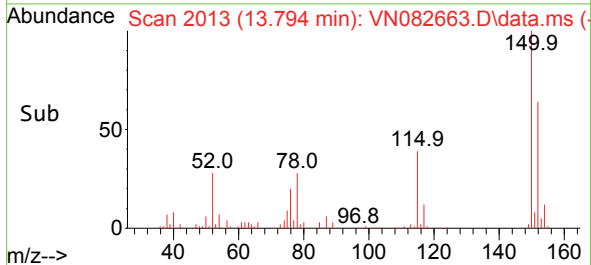
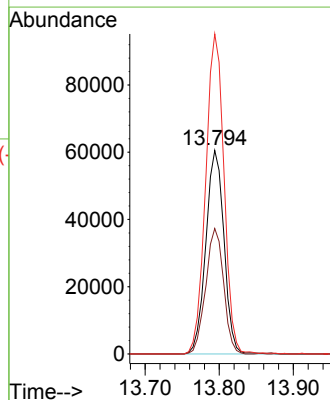
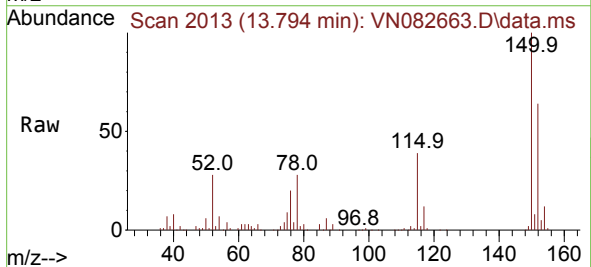
Instrument :
MSVOA_N
ClientSampleId :

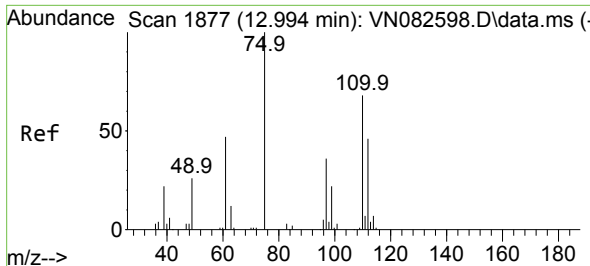
Tgt Ion:173 Resp: 462
Ion Ratio Lower Upper
173 100
175 0.0 24.0 72.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082663.D
Acq: 20 Jun 2024 13:09

Tgt Ion:152 Resp: 103079
Ion Ratio Lower Upper
152 100
115 60.6 30.6 91.6
150 158.5 0.0 348.6

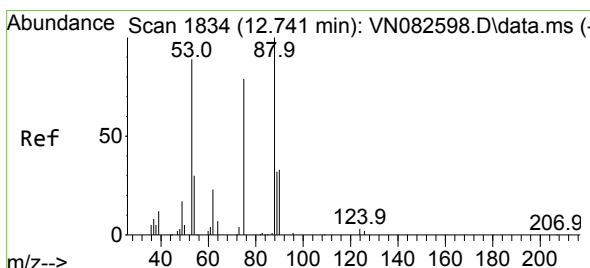
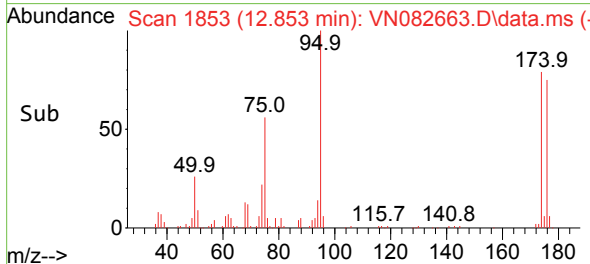
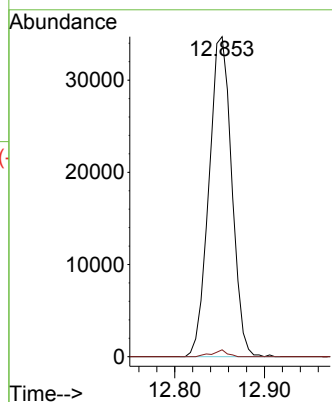
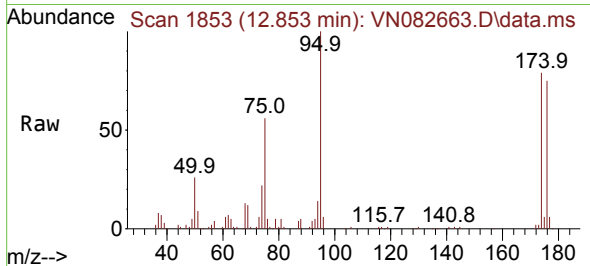




#76
1,2,3-Trichloropropane
Concen: 24.254 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN082663.D
Acq: 20 Jun 2024 13:09

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 61148
Ion Ratio Lower Upper
75 100
77 1.4 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 58.026 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN082663.D
Acq: 20 Jun 2024 13:09

Tgt Ion: 75 Resp: 61148
Ion Ratio Lower Upper
75 100
53 0.2 88.4 132.6#
89 0.0 36.3 54.5#

