

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071024\
 Data File : VN082854.D
 Acq On : 10 Jul 2024 14:48
 Operator : JC\MD
 Sample : P3183-01 20X
 Misc : 5.06g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 11 03:48:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

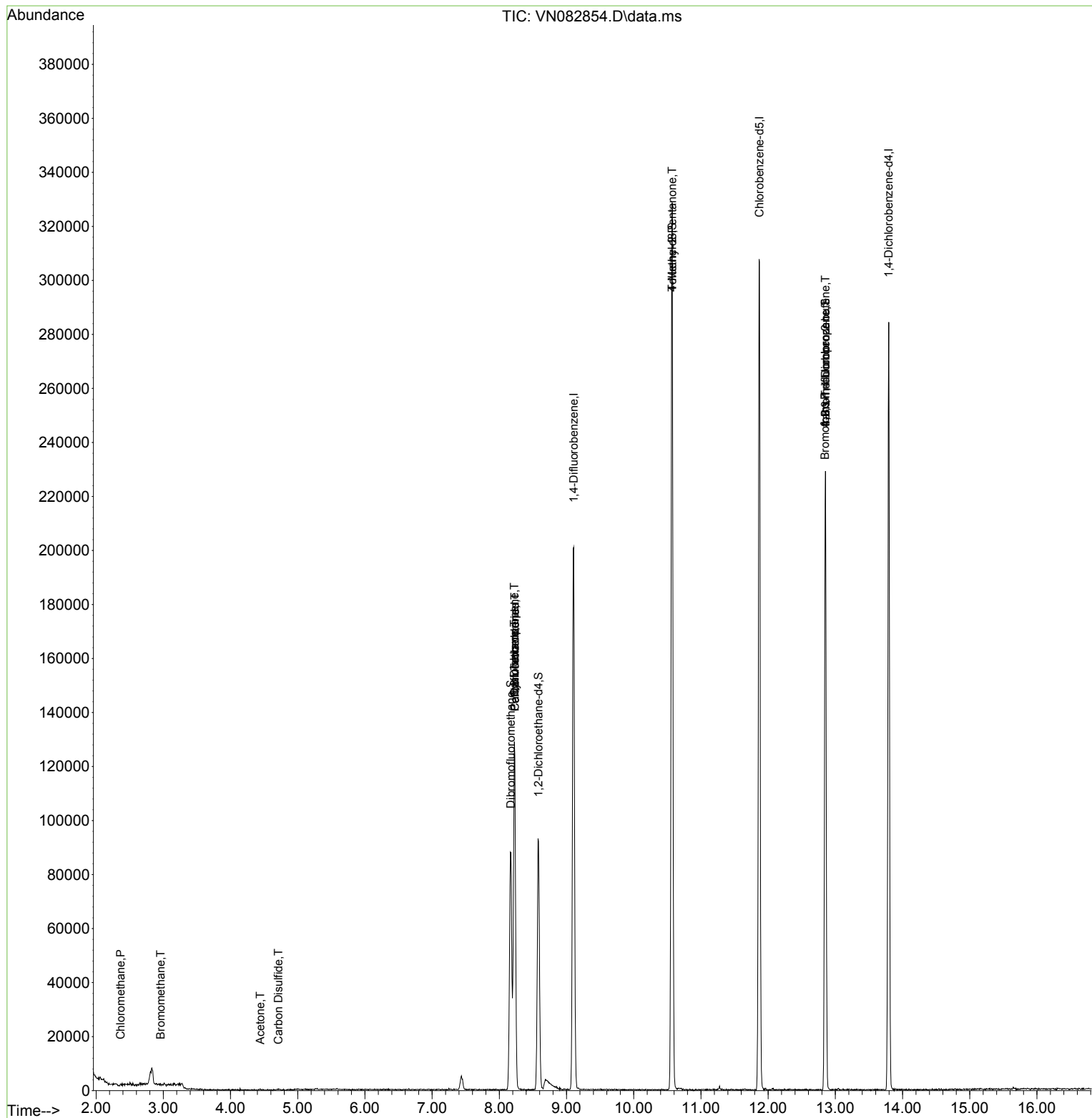
Internal Standards						
1) Pentafluorobenzene	8.230	168	88549	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	168834	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	174476	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	72486	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	77105	62.117	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 124.240%			
35) Dibromofluoromethane	8.171	113	63809	58.899	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 117.800%			
50) Toluene-d8	10.571	98	220336	55.065	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 110.120%			
62) 4-Bromofluorobenzene	12.853	95	75107	52.254	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 104.500%			
Target Compounds			Qvalue			
3) Chloromethane	2.365	50	241	0.222	ug/l #	43
5) Bromomethane	2.959	94	204	0.248	ug/l	86
16) Acetone	4.442	43	302	0.691	ug/l #	48
17) Carbon Disulfide	4.712	76	608	0.225	ug/l #	75
31) Cyclohexane	8.224	56	2255	1.390	ug/l #	5
36) 1,1-Dichloropropene	8.224	75	8195	5.486	ug/l #	50
38) Carbon Tetrachloride	8.230	117	10423	5.796	ug/l #	17
43) Isopropyl Acetate	8.683	43	3324	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.571	43	1155	0.766	ug/l #	1
71) Bromoform	12.847	173	746	0.713	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	42738	34.199	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	42738	67.259	ug/l #	6

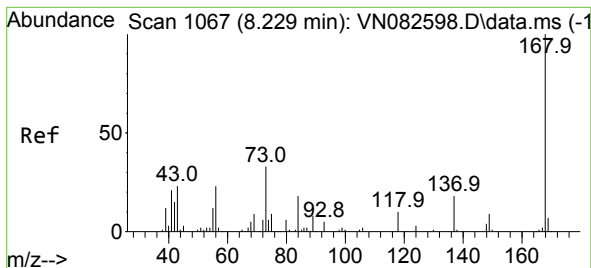
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071024\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. 0.001 min

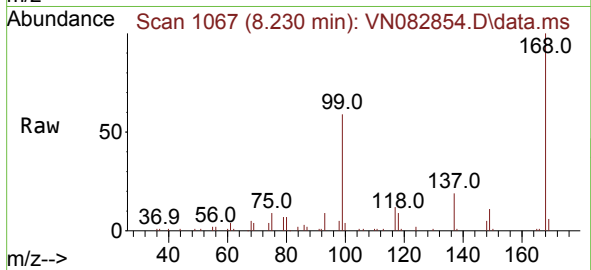
Lab File: VN082854.D

Acq: 10 Jul 2024 14:48

Instrument :

MSVOA_N

ClientSampleId :

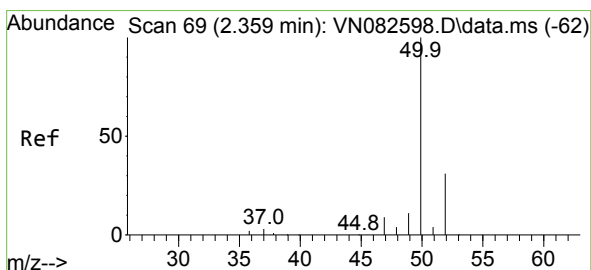
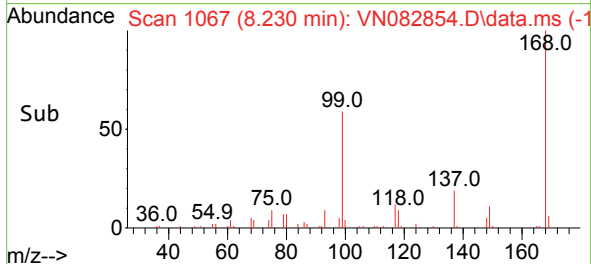
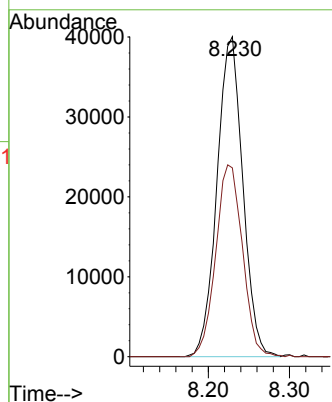


Tgt Ion:168 Resp: 88549

Ion Ratio Lower Upper

168 100

99 59.0 48.2 72.4



#3

Chloromethane

Concen: 0.222 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN082854.D

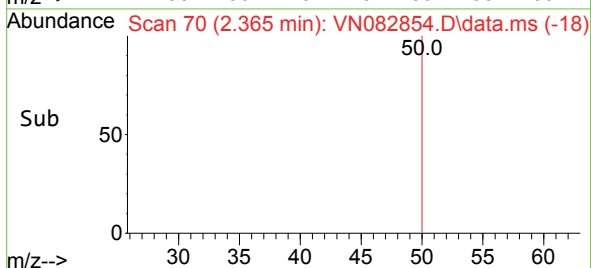
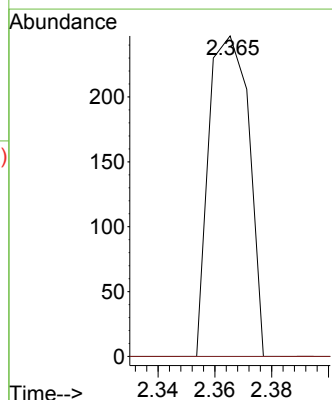
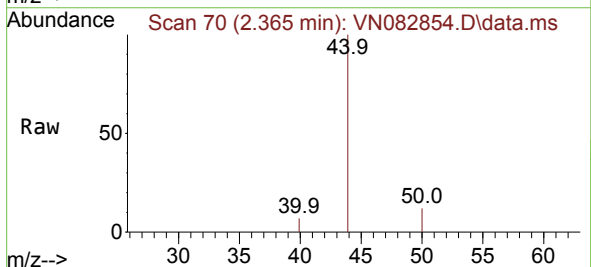
Acq: 10 Jul 2024 14:48

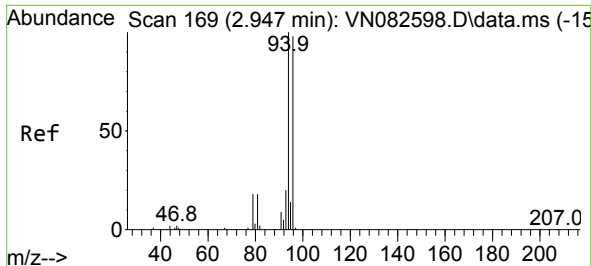
Tgt Ion: 50 Resp: 241

Ion Ratio Lower Upper

50 100

52 0.0 25.0 37.4#

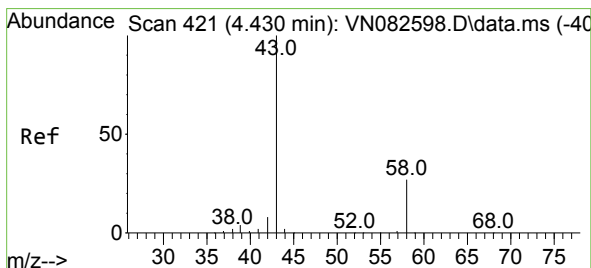
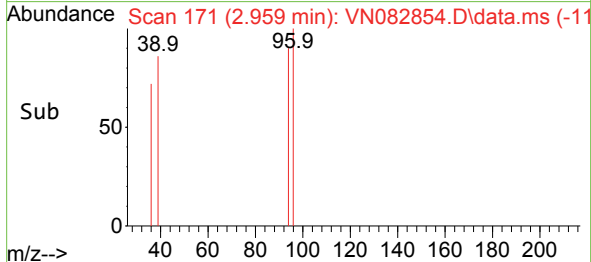
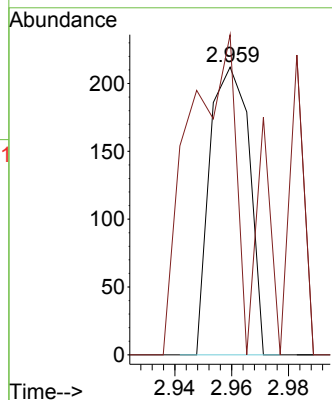
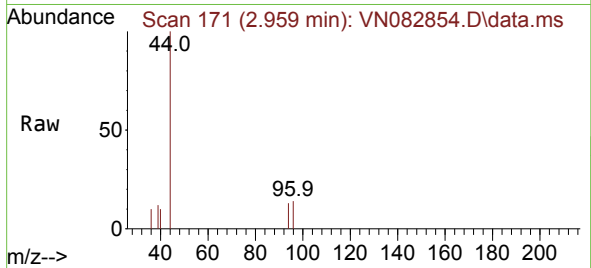




#5
Bromomethane
Concen: 0.248 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN082854.D
Acq: 10 Jul 2024 14:48

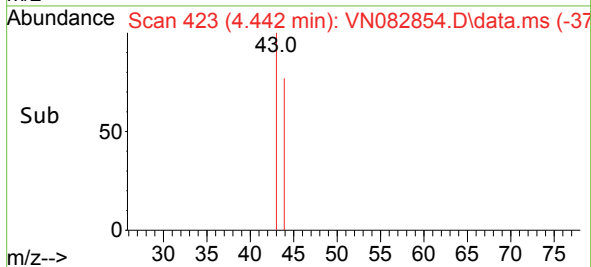
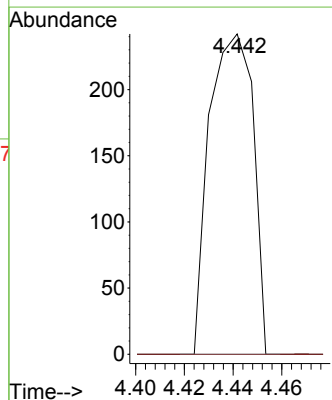
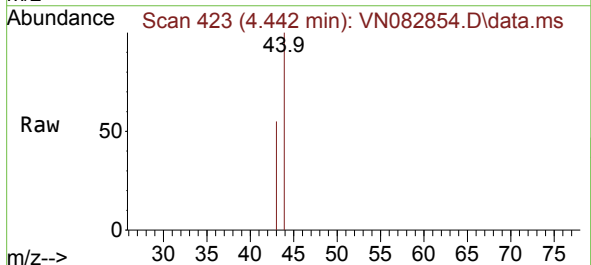
Instrument :
MSVOA_N
ClientSampleId :

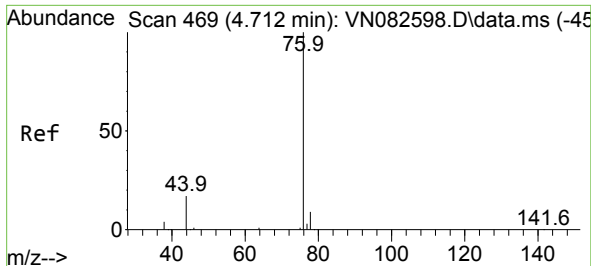
Tgt Ion: 94 Resp: 204
Ion Ratio Lower Upper
94 100
96 111.3 78.0 117.0



#16
Acetone
Concen: 0.691 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN082854.D
Acq: 10 Jul 2024 14:48

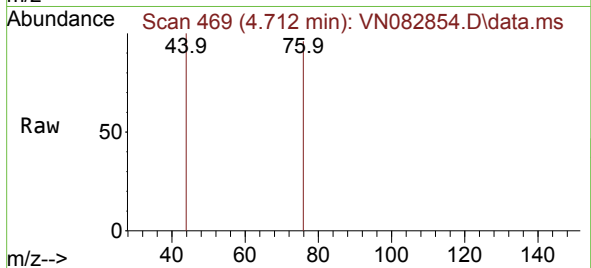
Tgt Ion: 43 Resp: 302
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



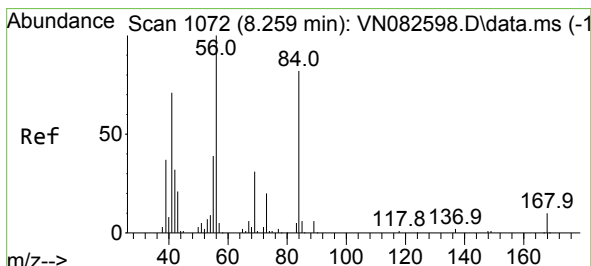
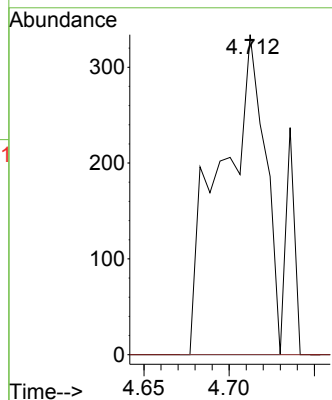
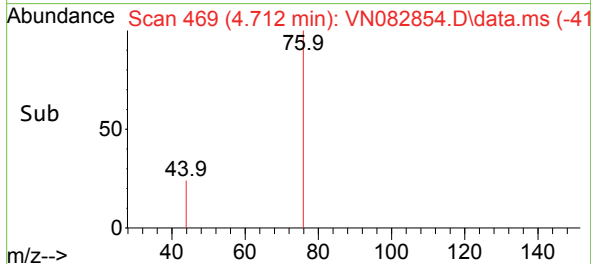


#17
Carbon Disulfide
Concen: 0.225 ug/l
RT: 4.712 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN082854.D
Acq: 10 Jul 2024 14:48

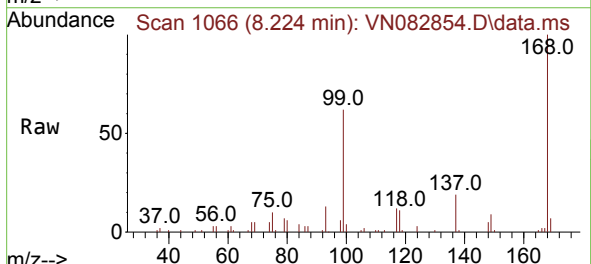
Instrument :
MSVOA_N
ClientSampleId :



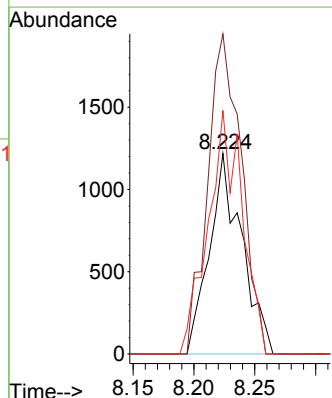
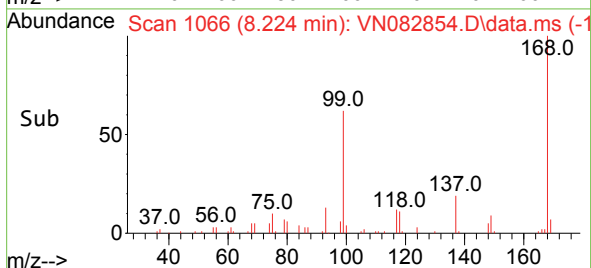
Tgt Ion: 76 Resp: 608
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

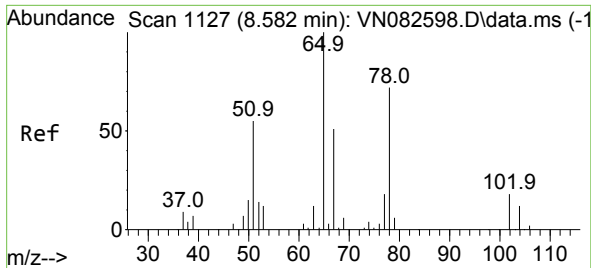


#31
Cyclohexane
Concen: 1.390 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082854.D
Acq: 10 Jul 2024 14:48



Tgt Ion: 56 Resp: 2255
Ion Ratio Lower Upper
56 100
69 159.6 24.5 36.7#
84 121.4 66.0 99.0#

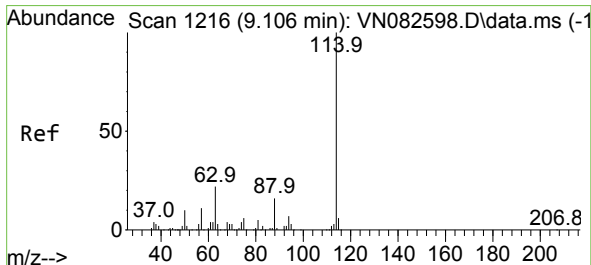
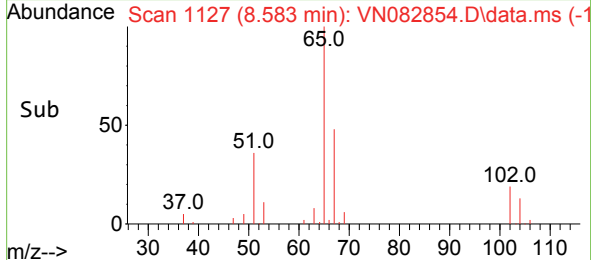
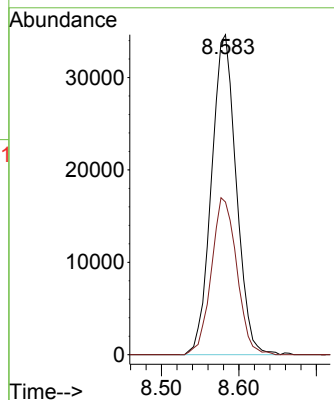
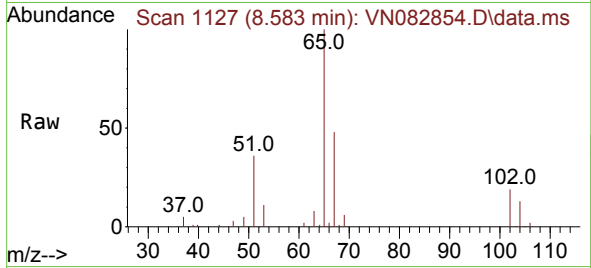




#33
 1,2-Dichloroethane-d4
 Concen: 62.117 ug/l
 RT: 8.583 min Scan# 1127
 Delta R.T. 0.001 min
 Lab File: VN082854.D
 Acq: 10 Jul 2024 14:48

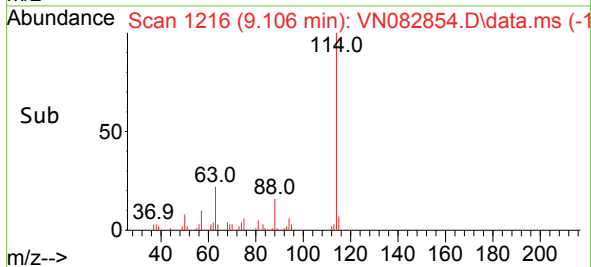
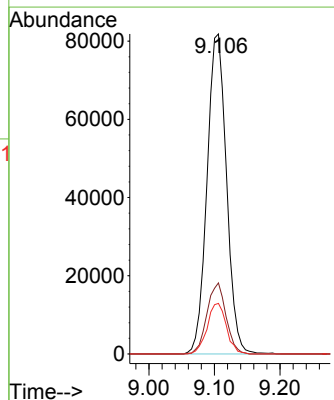
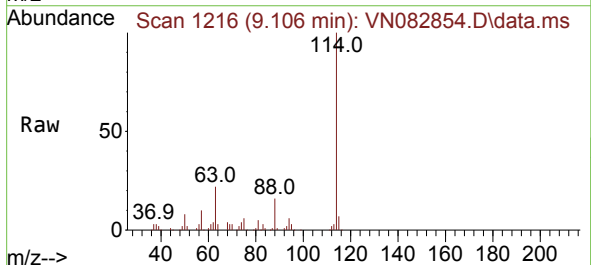
Instrument :
 MSVOA_N
 ClientSampleId :

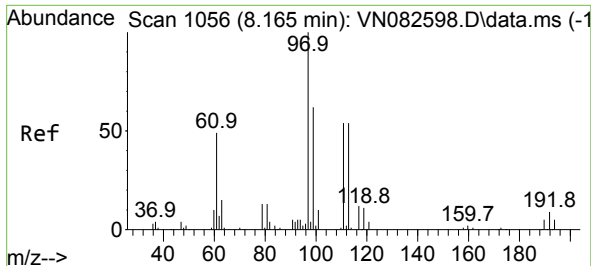
Tgt Ion: 65 Resp: 77105
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. 0.000 min
 Lab File: VN082854.D
 Acq: 10 Jul 2024 14:48

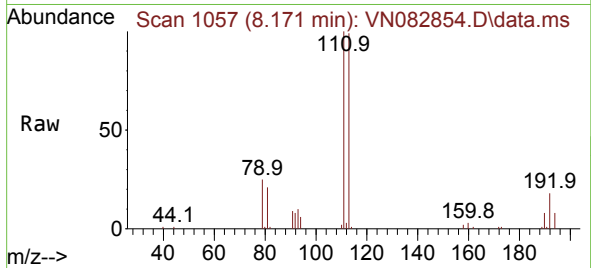
Tgt Ion: 114 Resp: 168834
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 44.6
 88 15.8 0.0 31.4



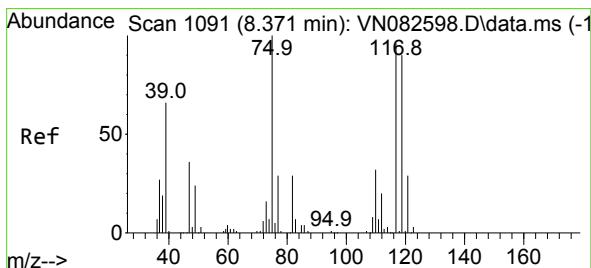
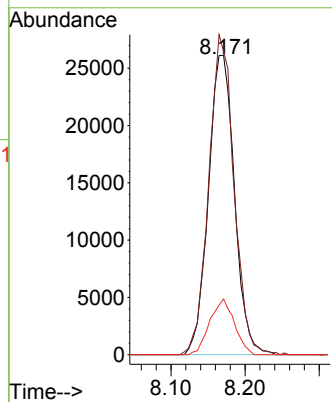
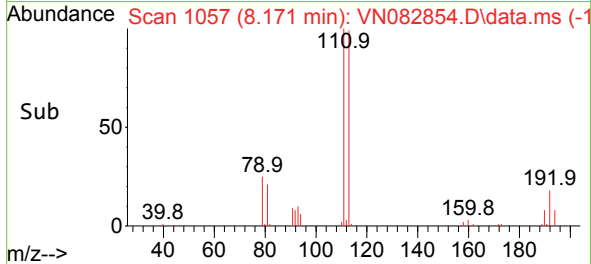


#35
Dibromofluoromethane
Concen: 58.899 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN082854.D
Acq: 10 Jul 2024 14:48

Instrument :
MSVOA_N
ClientSampleId :

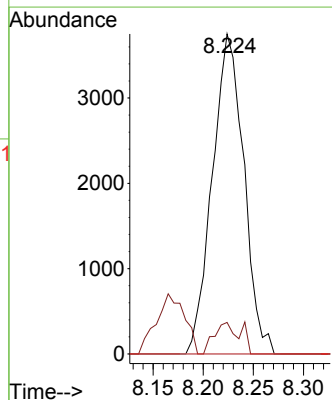
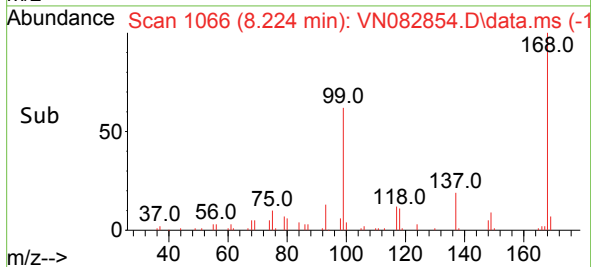
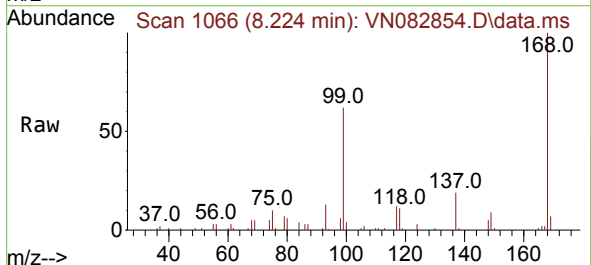


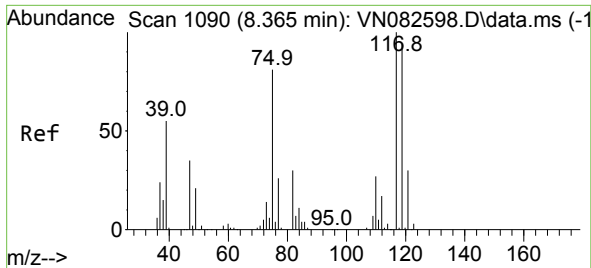
Tgt Ion:113 Resp: 63809
Ion Ratio Lower Upper
113 100
111 103.5 82.4 123.6
192 17.6 14.9 22.3



#36
1,1-Dichloropropene
Concen: 5.486 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082854.D
Acq: 10 Jul 2024 14:48

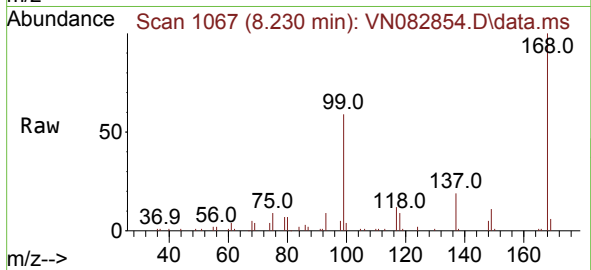
Tgt Ion: 75 Resp: 8195
Ion Ratio Lower Upper
75 100
110 8.2 16.3 48.9#
77 0.0 24.6 37.0#



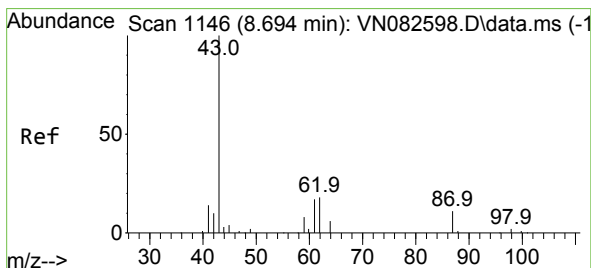
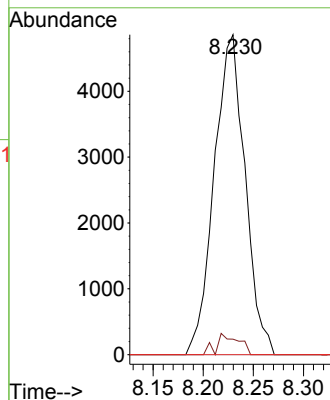
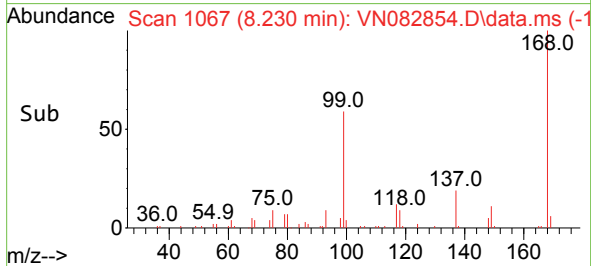


#38
Carbon Tetrachloride
Concen: 5.796 ug/l
RT: 8.230 min Scan# 1104
Delta R.T. -0.135 min
Lab File: VN082854.D
Acq: 10 Jul 2024 14:48

Instrument :
MSVOA_N
ClientSampleId :

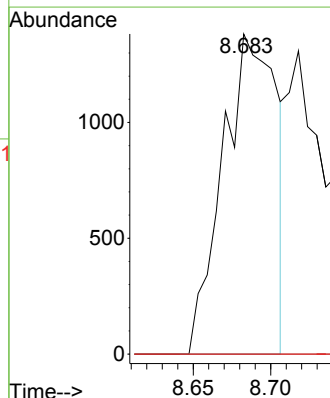
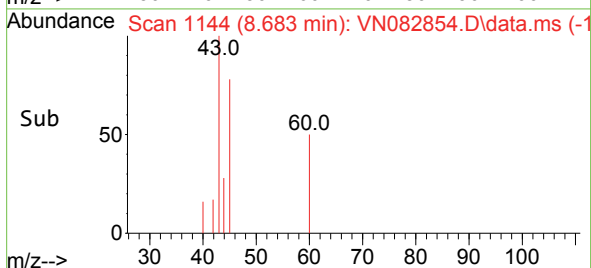
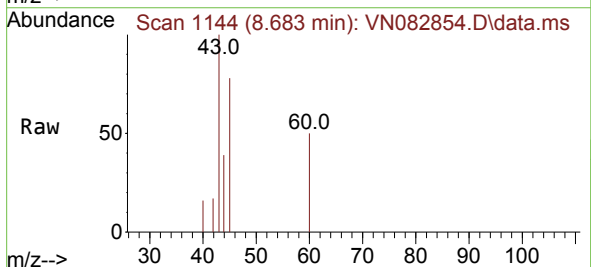


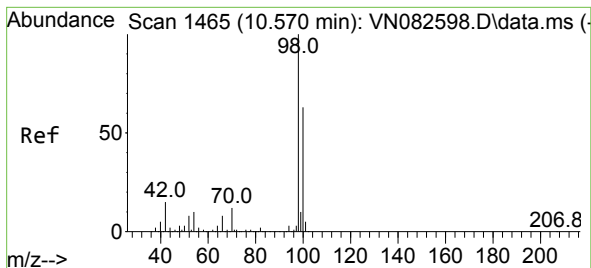
Tgt Ion:117 Resp: 10423
Ion Ratio Lower Upper
117 100
119 4.8 74.9 112.3#
121 0.0 24.3 36.5#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.683 min Scan# 1144
Delta R.T. -0.011 min
Lab File: VN082854.D
Acq: 10 Jul 2024 14:48

Tgt Ion: 43 Resp: 3324
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#





#50

Toluene-d8

Concen: 55.065 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.001 min

Lab File: VN082854.D

Acq: 10 Jul 2024 14:48

Instrument :

MSVOA_N

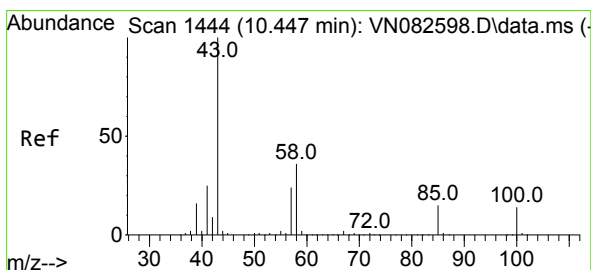
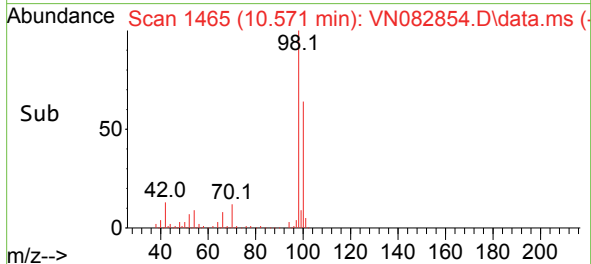
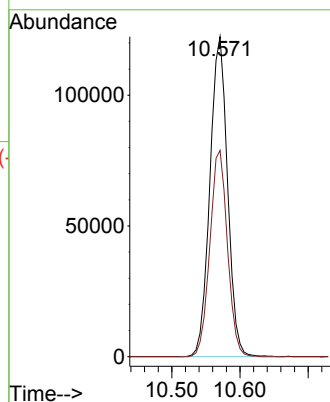
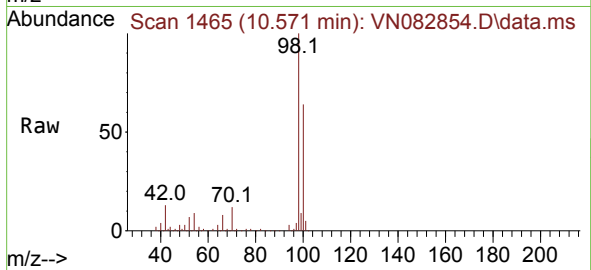
ClientSampleId :

Tgt Ion: 98 Resp: 220336

Ion Ratio Lower Upper

98 100

100 64.2 51.5 77.3



#51

4-Methyl-2-Pentanone

Concen: 0.766 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.124 min

Lab File: VN082854.D

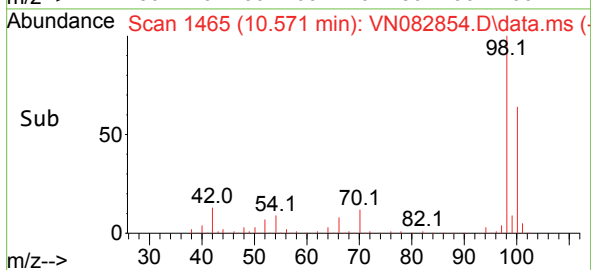
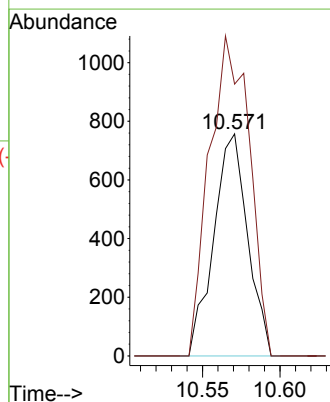
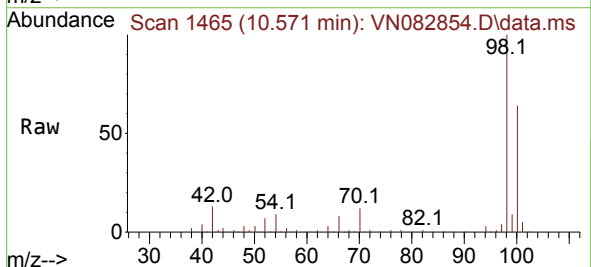
Acq: 10 Jul 2024 14:48

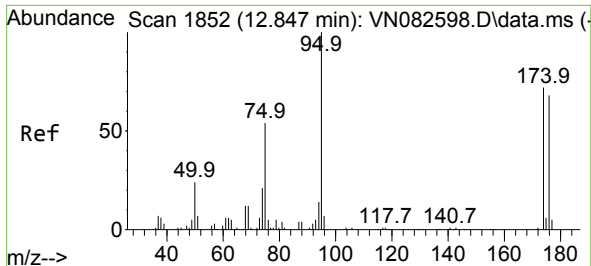
Tgt Ion: 43 Resp: 1155

Ion Ratio Lower Upper

43 100

58 169.4 28.2 42.4#

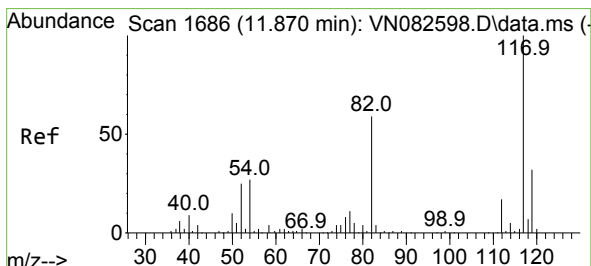
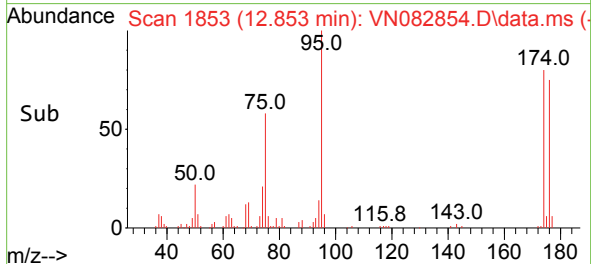
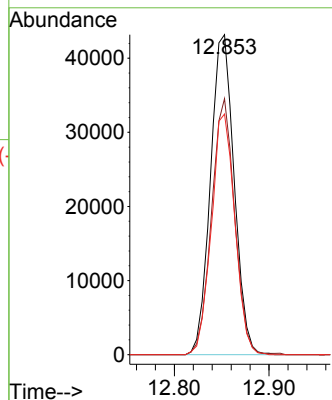
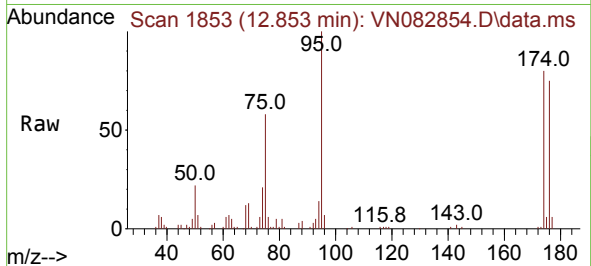




#62
4-Bromofluorobenzene
Concen: 52.254 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082854.D
Acq: 10 Jul 2024 14:48

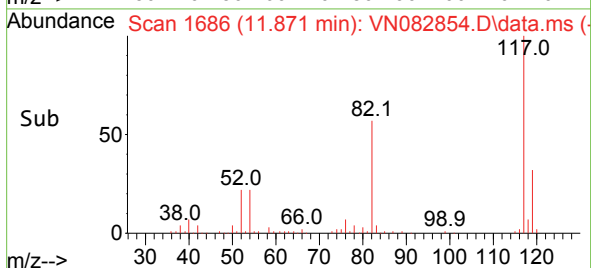
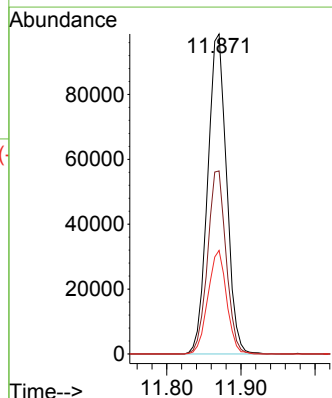
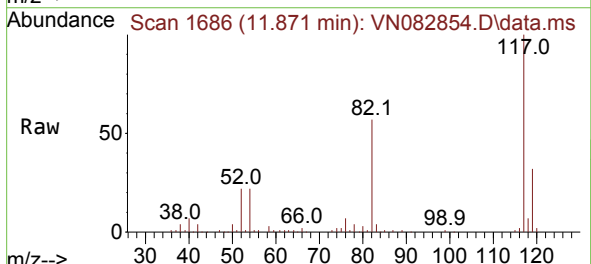
Instrument :
MSVOA_N
ClientSampleId :

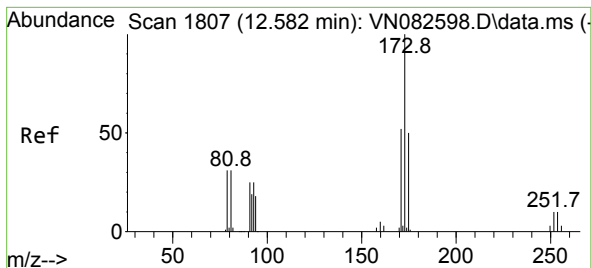
Tgt Ion: 95 Resp: 75107
Ion Ratio Lower Upper
95 100
174 78.0 0.0 159.2
176 74.5 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN082854.D
Acq: 10 Jul 2024 14:48

Tgt Ion: 117 Resp: 174476
Ion Ratio Lower Upper
117 100
82 57.2 47.5 71.3
119 32.3 25.6 38.4





#71

Bromoform

Concen: 0.713 ug/l

RT: 12.847 min Scan# 1807

Delta R.T. 0.265 min

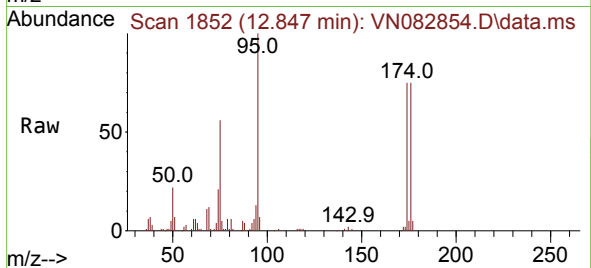
Lab File: VN082854.D

Acq: 10 Jul 2024 14:48

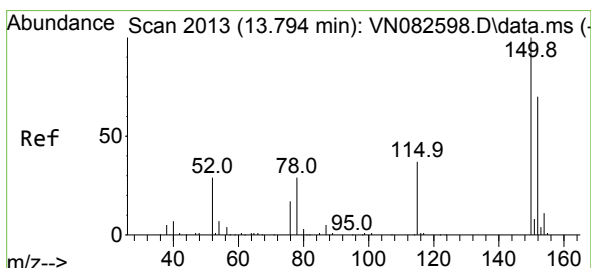
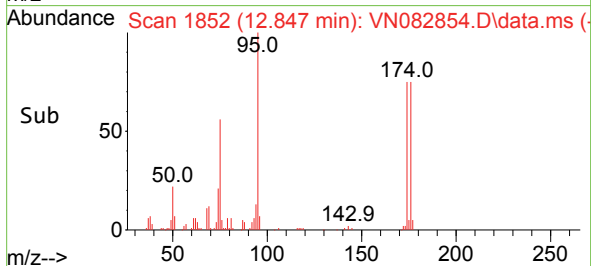
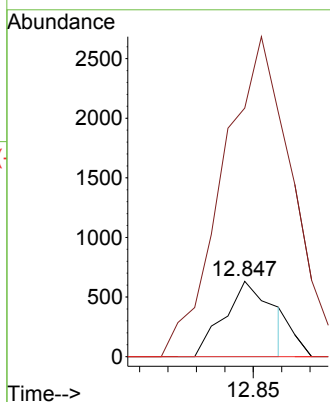
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	173	Resp:	746
Ion Ratio	Lower	Upper	
173	100		
175	494.8	24.0	72.0#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

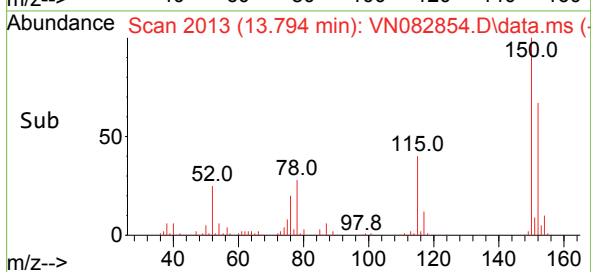
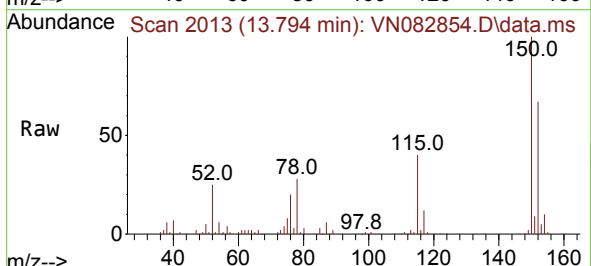
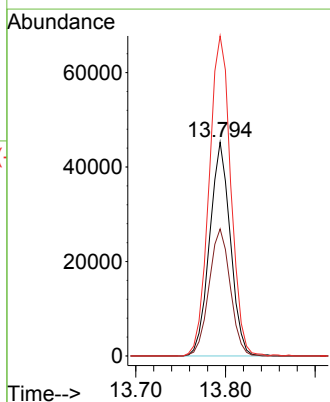
RT: 13.794 min Scan# 2013

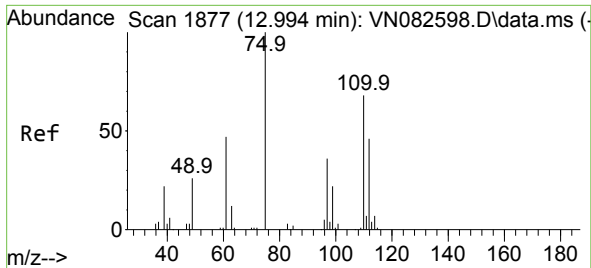
Delta R.T. 0.000 min

Lab File: VN082854.D

Acq: 10 Jul 2024 14:48

Tgt Ion:	152	Resp:	72486
Ion Ratio	Lower	Upper	
152	100		
115	60.9	30.6	91.6
150	156.8	0.0	348.6

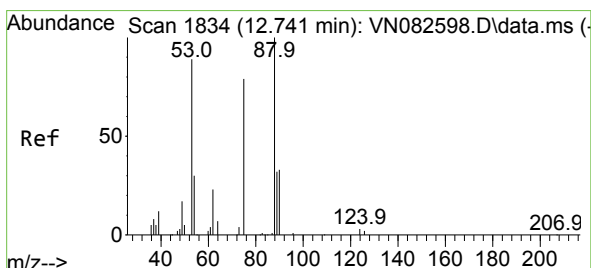
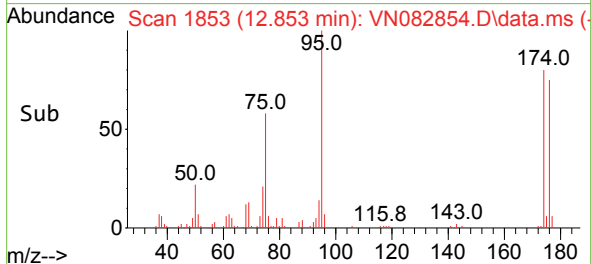
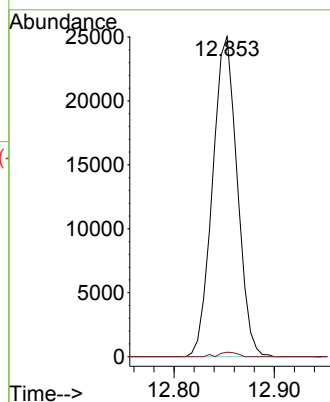
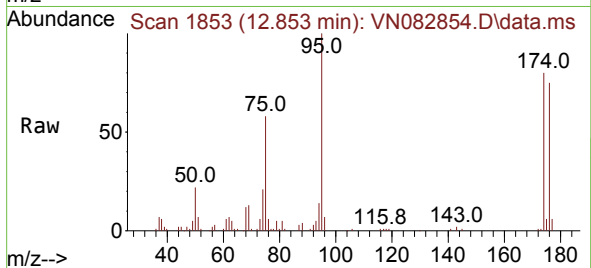




#76
1,2,3-Trichloropropane
Concen: 34.199 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN082854.D
Acq: 10 Jul 2024 14:48

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 42738
Ion Ratio Lower Upper
75 100
77 1.1 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.259 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN082854.D
Acq: 10 Jul 2024 14:48

Tgt Ion: 75 Resp: 42738
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#

