

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070924\
 Data File : VN082839.D
 Acq On : 09 Jul 2024 14:58
 Operator : JC\MD
 Sample : P3173-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 10 01:21:10 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)

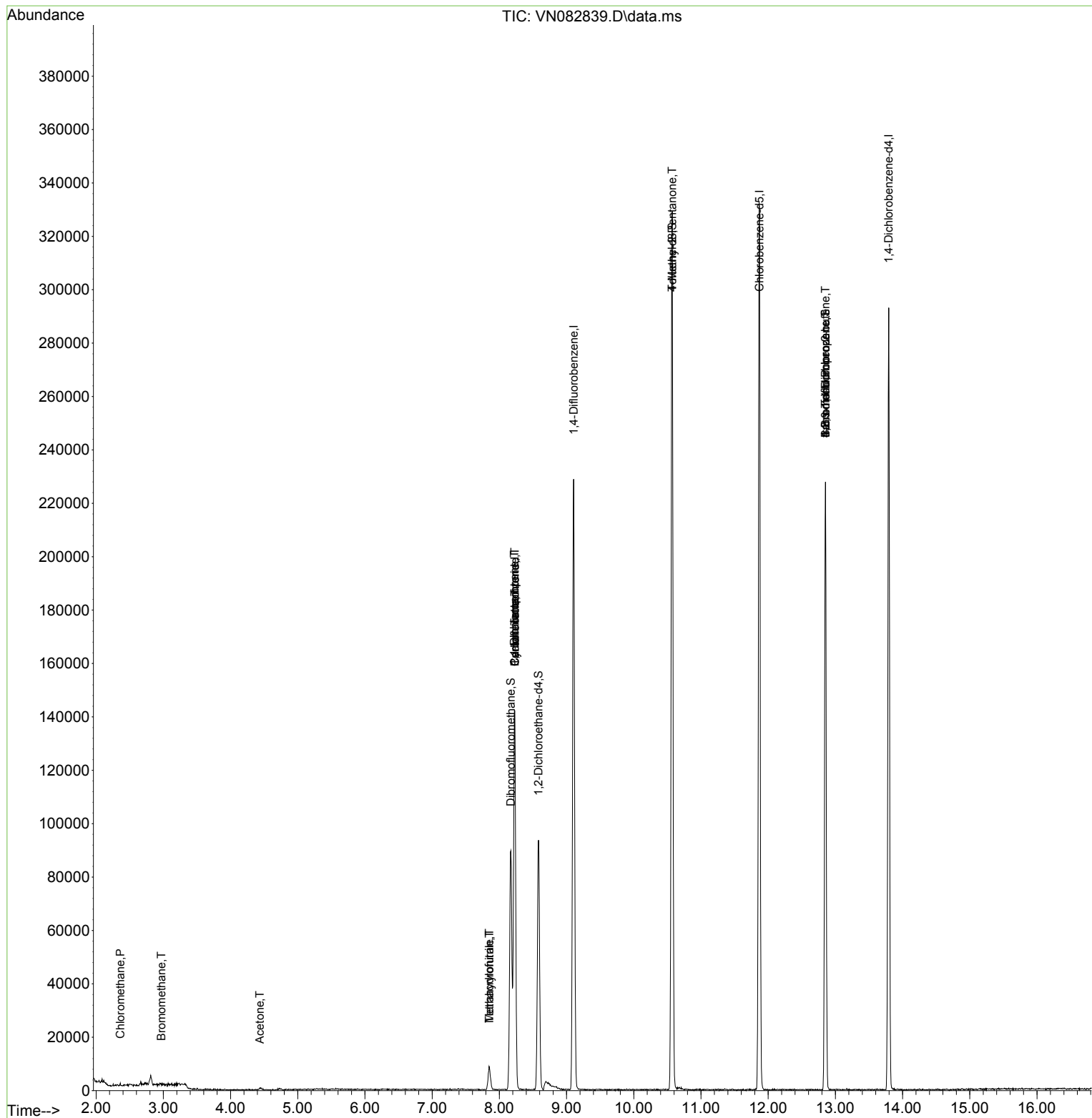
Internal Standards						
1) Pentafluorobenzene	8.230	168	100480	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	191832	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	188844	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	76920	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	78558	55.773	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 111.540%	
35) Dibromofluoromethane	8.171	113	64272	52.214	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.420%	
50) Toluene-d8	10.571	98	223906	49.249	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.500%	
62) 4-Bromofluorobenzene	12.853	95	76026	46.553	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 93.100%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	456	0.370	ug/l #	74
5) Bromomethane	2.971	94	259	0.277	ug/l #	76
16) Acetone	4.436	43	1434	2.892	ug/l	97
29) Tetrahydrofuran	7.853	42	6077	12.891	ug/l	93
31) Cyclohexane	8.230	56	2456	1.334	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	8665	5.106	ug/l #	52
38) Carbon Tetrachloride	8.230	117	11272	5.516	ug/l #	18
41) Methacrylonitrile	7.853	41	3787	4.068	ug/l #	53
43) Isopropyl Acetate	8.694	43	2578	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.571	43	1143	0.667	ug/l #	1
71) Bromoform	12.853	173	651	0.575	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	42516	32.060	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	42516	63.052	ug/l #	6

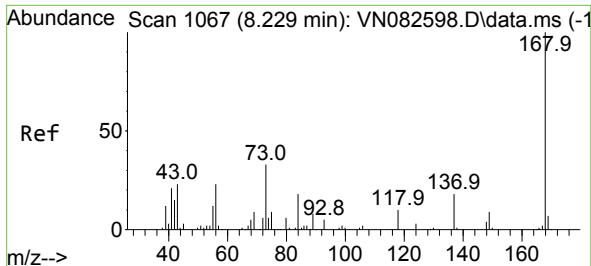
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070924\
Data File : VN082839.D
Acq On : 09 Jul 2024 14:58
Operator : JC\MD
Sample : P3173-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

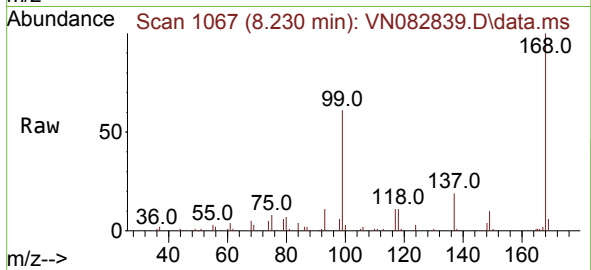
Quant Time: Jul 10 01:21:10 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:46:04 2024
Response via : Initial Calibration



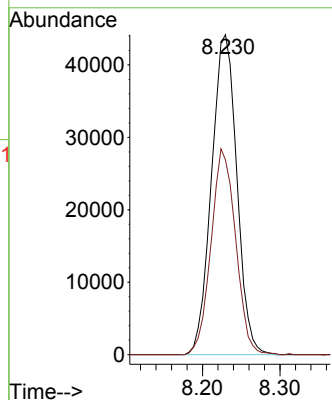
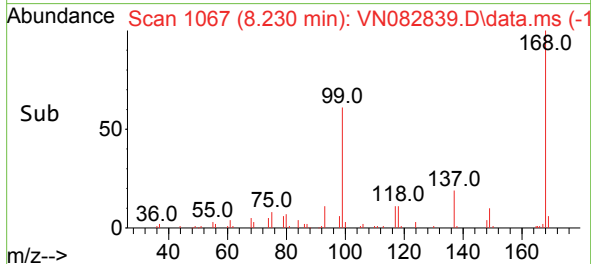


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082839.D
Acq: 09 Jul 2024 14:58

Instrument :
MSVOA_N
ClientSampleId :

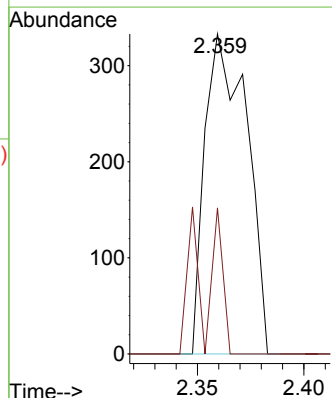
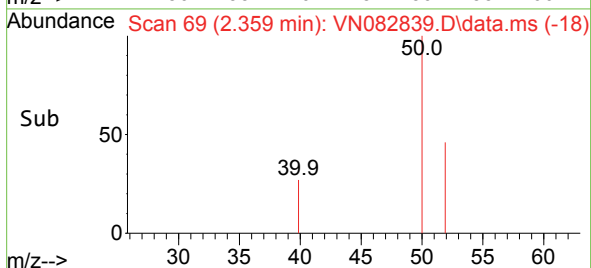
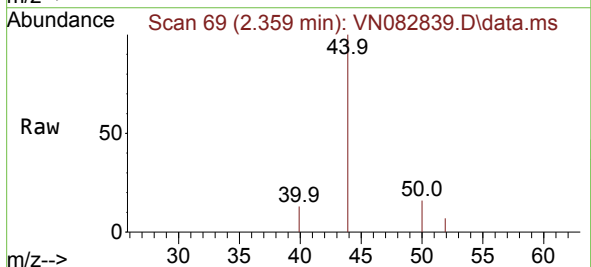


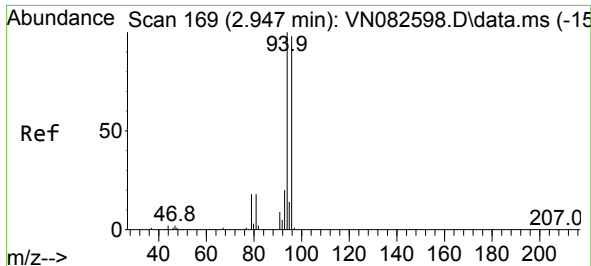
Tgt Ion:168 Resp: 100480
Ion Ratio Lower Upper
168 100
99 60.9 48.2 72.4



#3
Chloromethane
Concen: 0.370 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082839.D
Acq: 09 Jul 2024 14:58

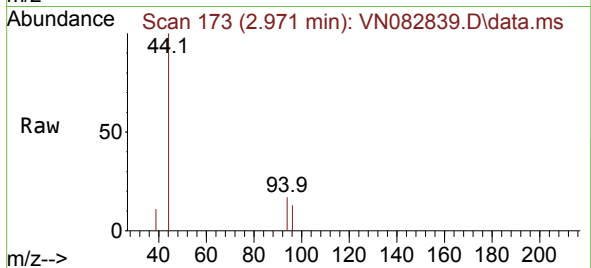
Tgt Ion: 50 Resp: 456
Ion Ratio Lower Upper
50 100
52 45.6 25.0 37.4#



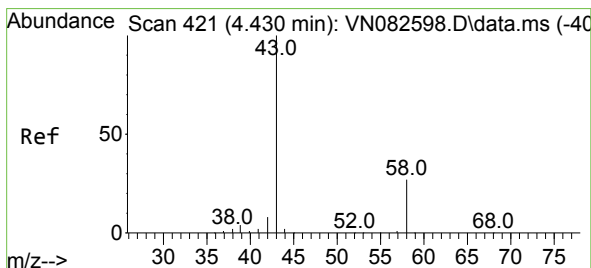
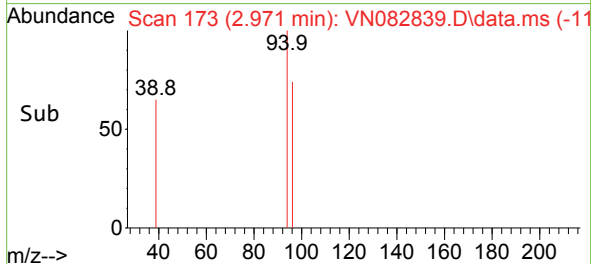
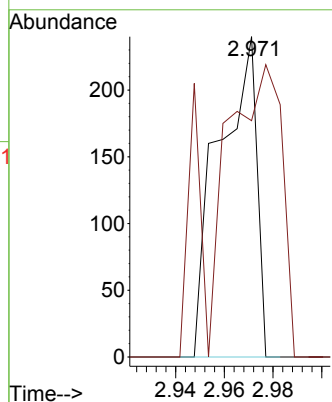


#5
Bromomethane
Concen: 0.277 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN082839.D
Acq: 09 Jul 2024 14:58

Instrument :
MSVOA_N
ClientSampleId :

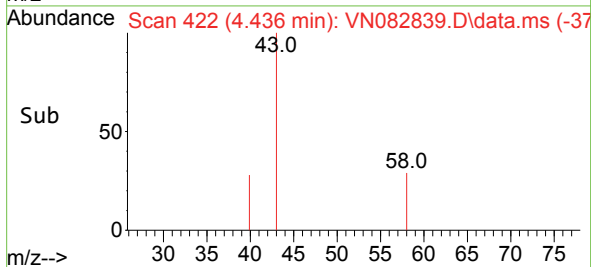
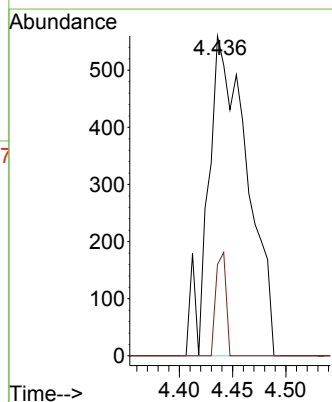
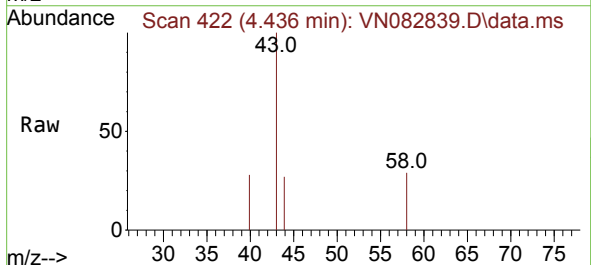


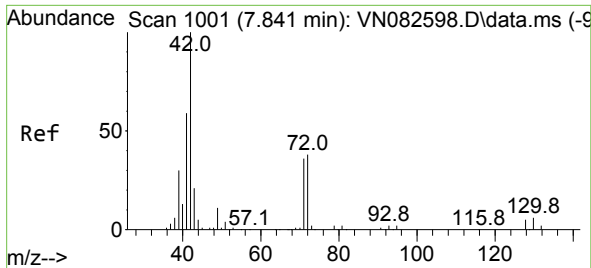
Tgt Ion: 94 Resp: 259
Ion Ratio Lower Upper
94 100
96 73.8 78.0 117.0#



#16
Acetone
Concen: 2.892 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN082839.D
Acq: 09 Jul 2024 14:58

Tgt Ion: 43 Resp: 1434
Ion Ratio Lower Upper
43 100
58 28.6 21.8 32.6

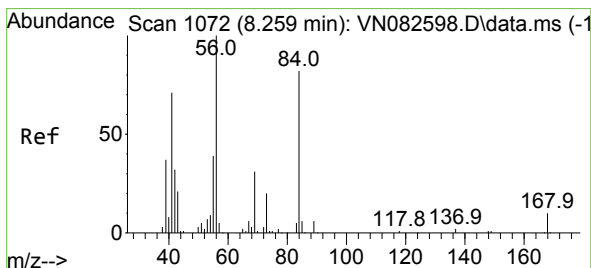
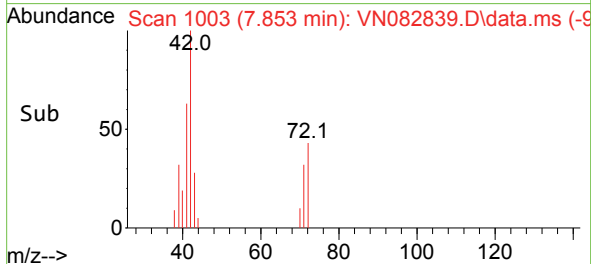
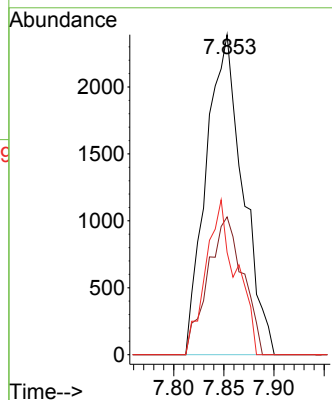
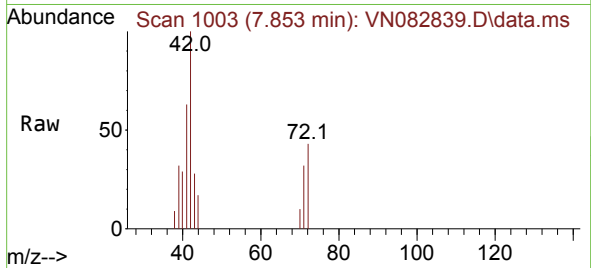




#29
Tetrahydrofuran
Concen: 12.891 ug/l
RT: 7.853 min Scan# 1003
Delta R.T. 0.012 min
Lab File: VN082839.D
Acq: 09 Jul 2024 14:58

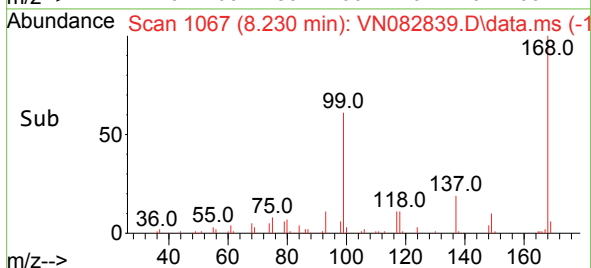
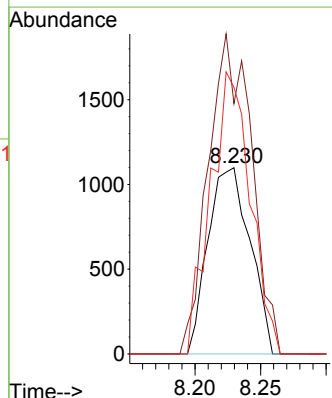
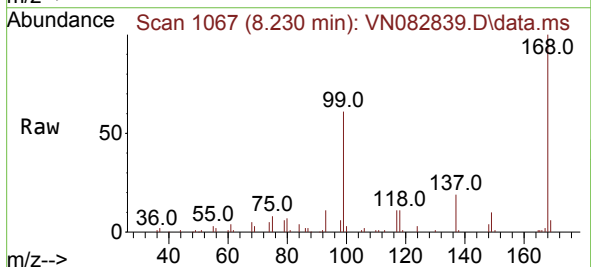
Instrument :
MSVOA_N
ClientSampleId :

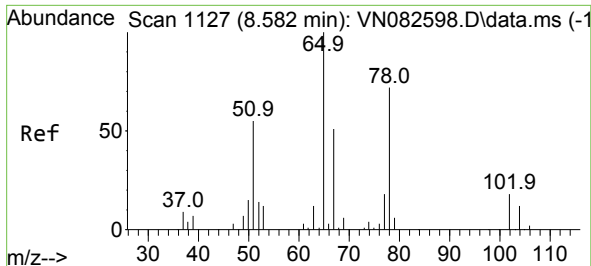
Tgt Ion: 42 Resp: 6077
Ion Ratio Lower Upper
42 100
72 41.3 30.0 45.0
71 40.0 28.3 42.5



#31
Cyclohexane
Concen: 1.334 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN082839.D
Acq: 09 Jul 2024 14:58

Tgt Ion: 56 Resp: 2456
Ion Ratio Lower Upper
56 100
69 134.4 24.5 36.7#
84 143.1 66.0 99.0#

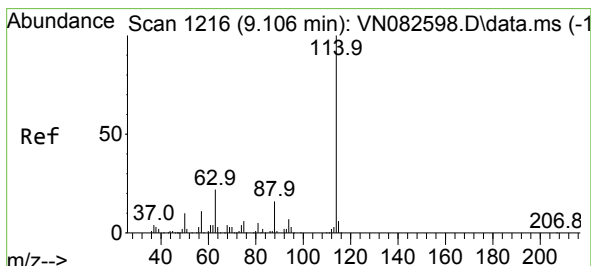
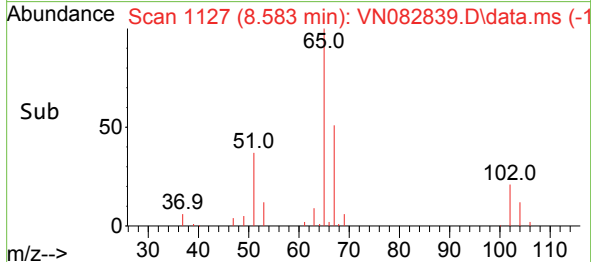
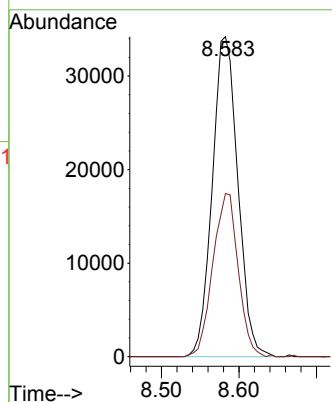
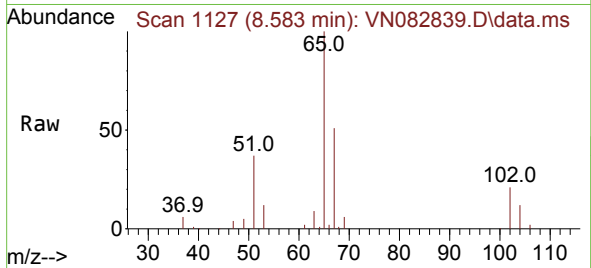




#33
 1,2-Dichloroethane-d4
 Concen: 55.773 ug/l
 RT: 8.583 min Scan# 1127
 Delta R.T. 0.001 min
 Lab File: VN082839.D
 Acq: 09 Jul 2024 14:58

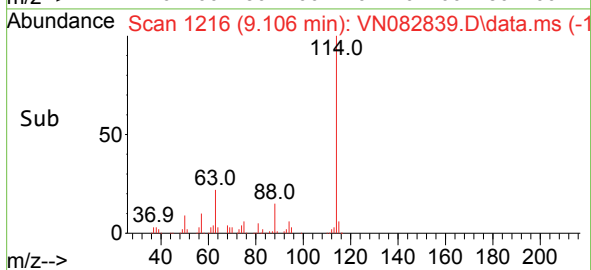
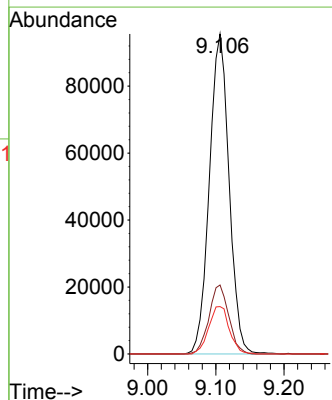
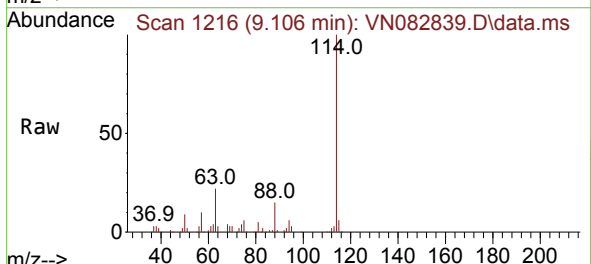
Instrument :
 MSVOA_N
 ClientSampleId :

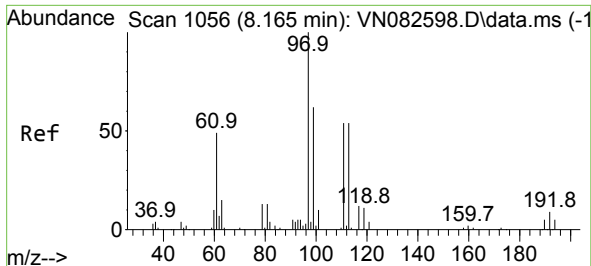
Tgt Ion: 65 Resp: 78558
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. 0.000 min
 Lab File: VN082839.D
 Acq: 09 Jul 2024 14:58

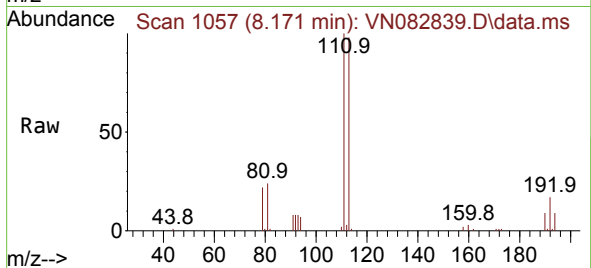
Tgt Ion: 114 Resp: 191832
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 44.6
 88 14.8 0.0 31.4



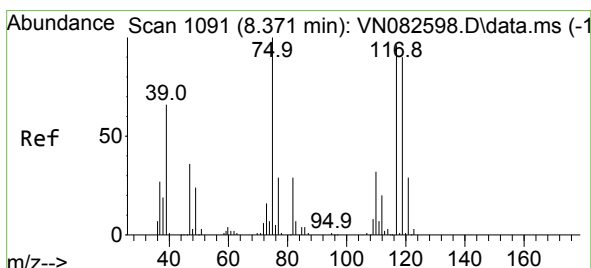
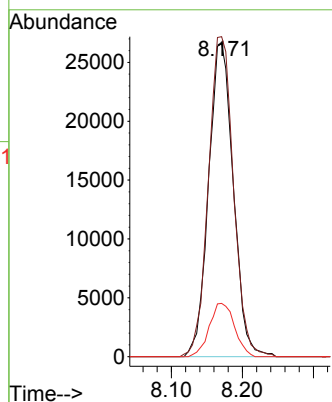
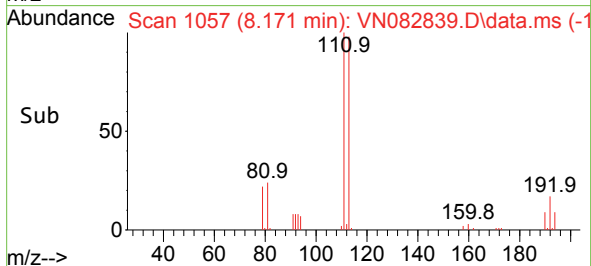


#35
Dibromofluoromethane
Concen: 52.214 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN082839.D
Acq: 09 Jul 2024 14:58

Instrument :
MSVOA_N
ClientSampleId :

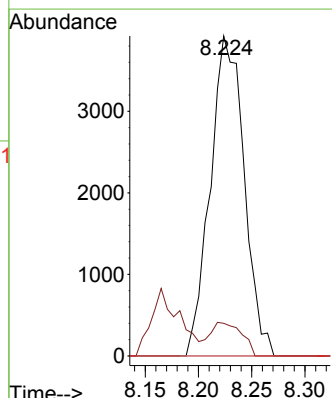
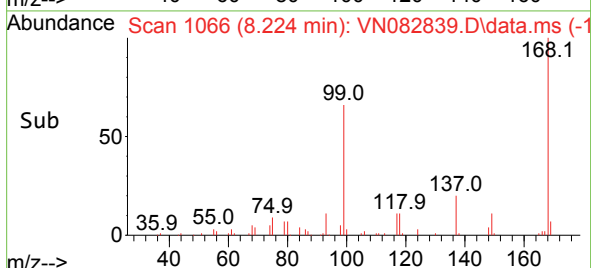
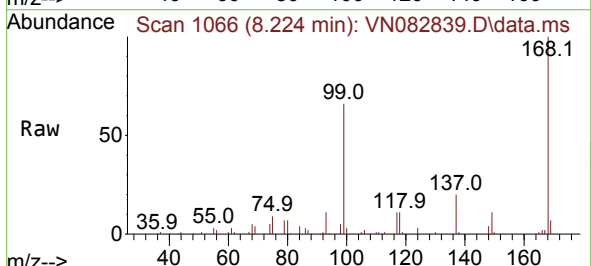


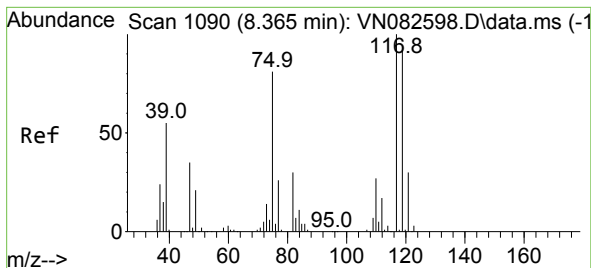
Tgt Ion:113 Resp: 64272
Ion Ratio Lower Upper
113 100
111 103.5 82.4 123.6
192 17.4 14.9 22.3



#36
1,1-Dichloropropene
Concen: 5.106 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082839.D
Acq: 09 Jul 2024 14:58

Tgt Ion: 75 Resp: 8665
Ion Ratio Lower Upper
75 100
110 10.1 16.3 48.9#
77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 5.516 ug/l

RT: 8.230 min Scan# 110

Delta R.T. -0.135 min

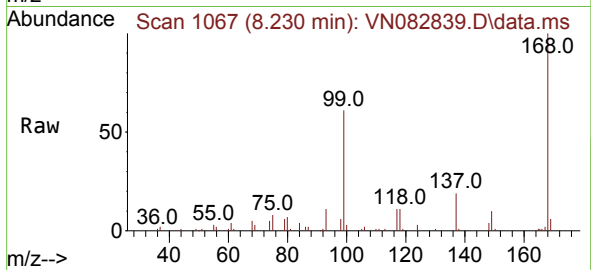
Lab File: VN082839.D

Acq: 09 Jul 2024 14:58

Instrument :

MSVOA_N

ClientSampleId :



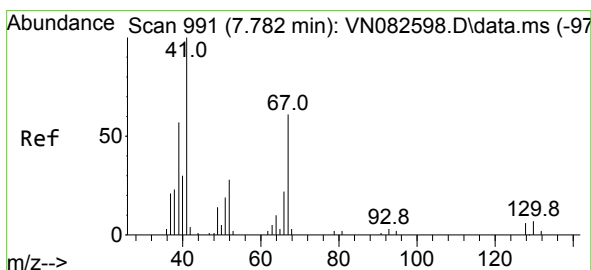
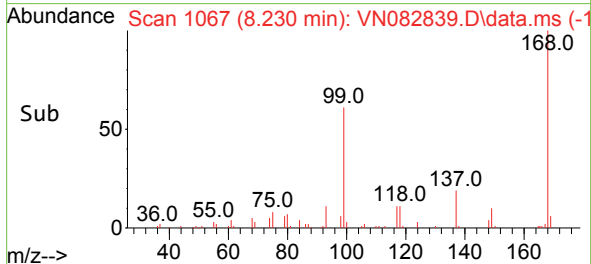
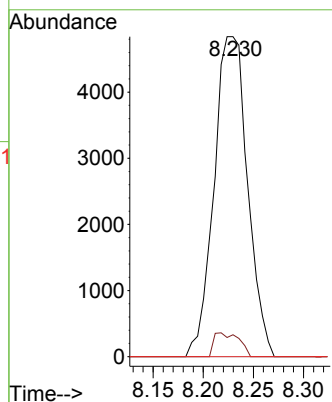
Tgt Ion:117 Resp: 11272

Ion Ratio Lower Upper

117 100

119 6.8 74.9 112.3#

121 0.0 24.3 36.5#



#41

Methacrylonitrile

Concen: 4.068 ug/l

RT: 7.853 min Scan# 1003

Delta R.T. 0.071 min

Lab File: VN082839.D

Acq: 09 Jul 2024 14:58

Tgt Ion: 41 Resp: 3787

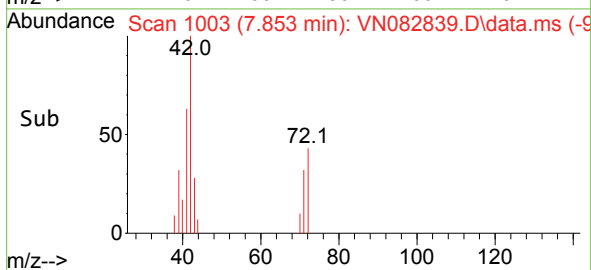
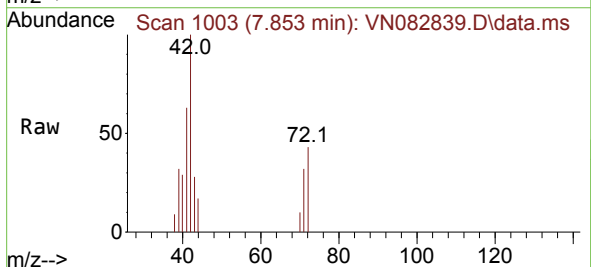
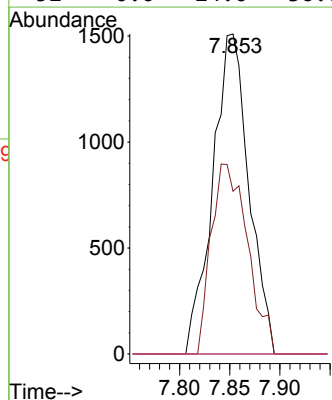
Ion Ratio Lower Upper

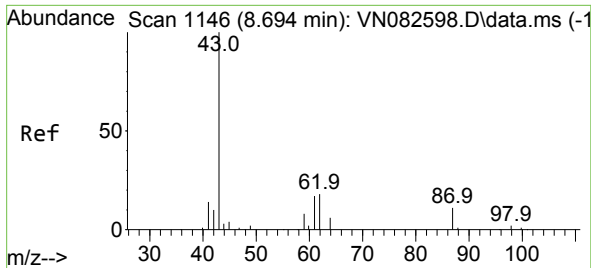
41 100

39 59.7 45.5 68.3

67 0.0 50.5 75.7#

52 0.0 24.0 36.0#

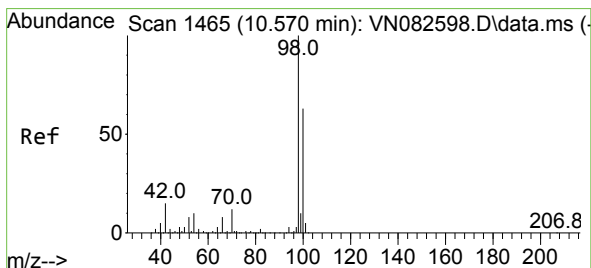
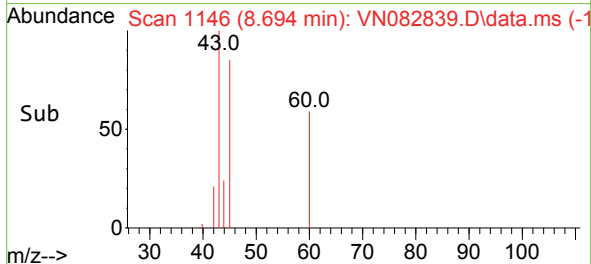
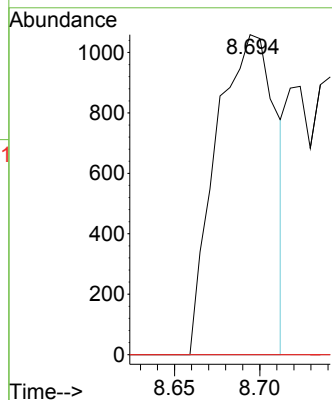
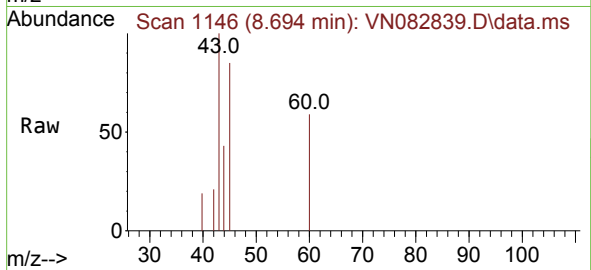




#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN082839.D
Acq: 09 Jul 2024 14:58

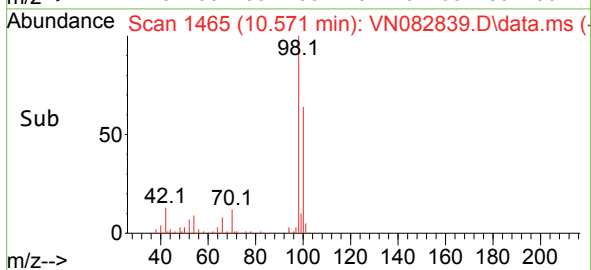
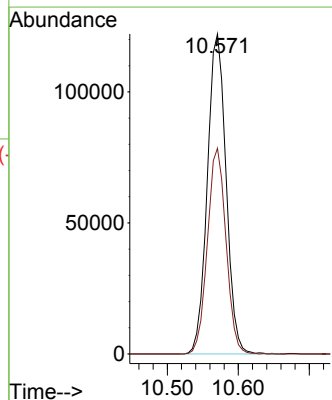
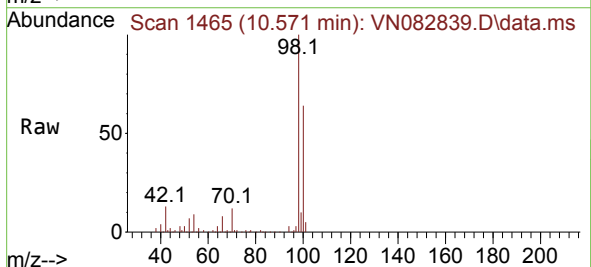
Instrument :
MSVOA_N
ClientSampleId :

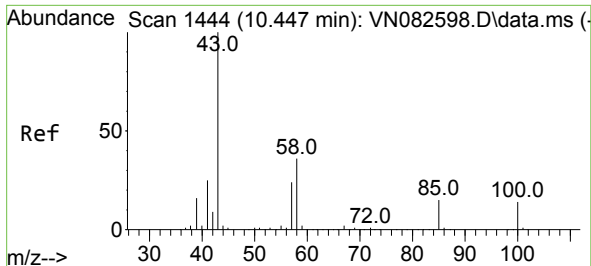
Tgt Ion: 43 Resp: 2578
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#50
Toluene-d8
Concen: 49.249 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082839.D
Acq: 09 Jul 2024 14:58

Tgt Ion: 98 Resp: 223906
Ion Ratio Lower Upper
98 100
100 63.7 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 0.667 ug/l

RT: 10.571 min Scan# 1444

Delta R.T. 0.124 min

Lab File: VN082839.D

Acq: 09 Jul 2024 14:58

Instrument :

MSVOA_N

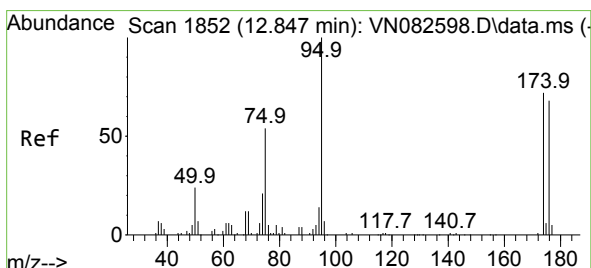
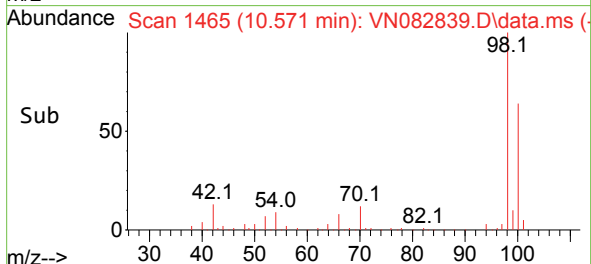
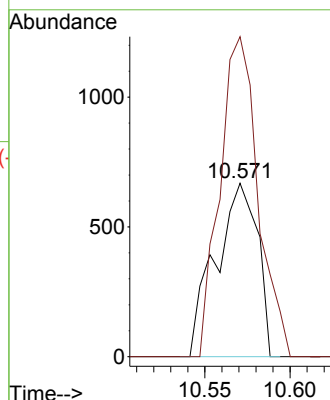
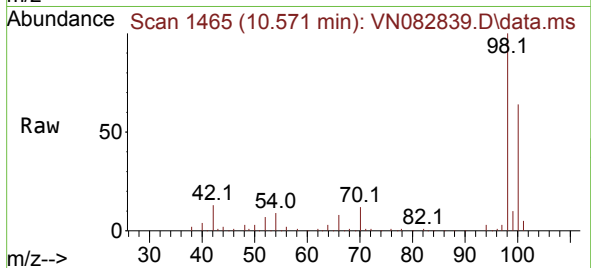
ClientSampleId :

Tgt Ion: 43 Resp: 1143

Ion Ratio Lower Upper

43 100

58 167.7 28.2 42.4#



#62

4-Bromofluorobenzene

Concen: 46.553 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN082839.D

Acq: 09 Jul 2024 14:58

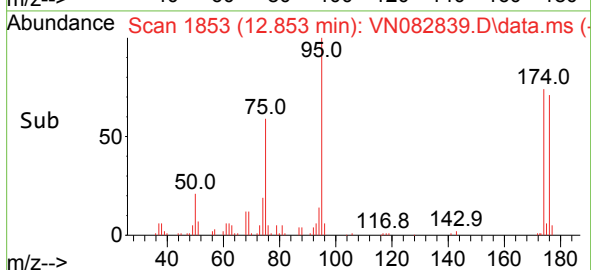
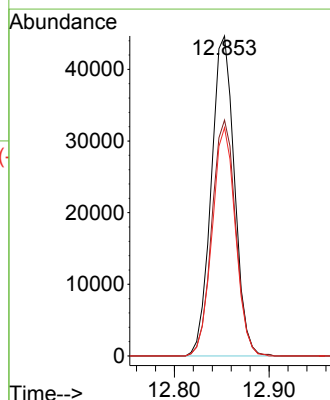
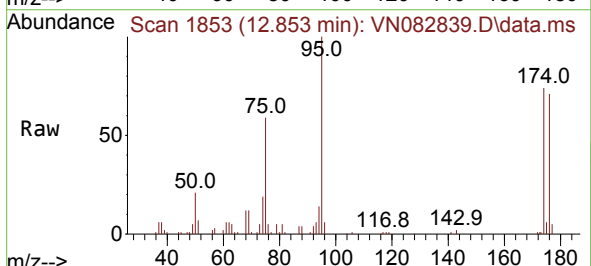
Tgt Ion: 95 Resp: 76026

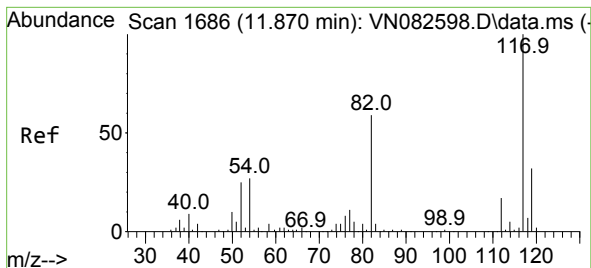
Ion Ratio Lower Upper

95 100

174 75.9 0.0 159.2

176 71.8 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.001 min

Lab File: VN082839.D

Acq: 09 Jul 2024 14:58

Instrument :

MSVOA_N

ClientSampleId :

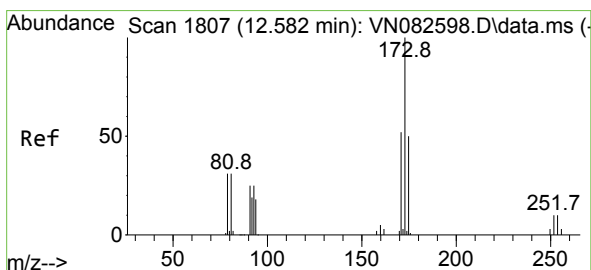
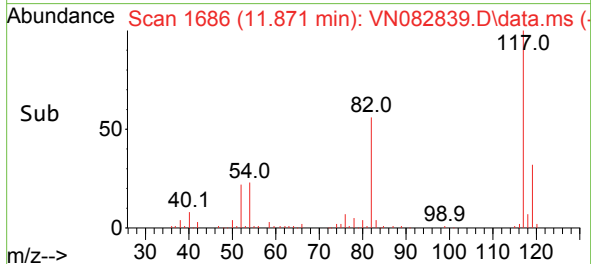
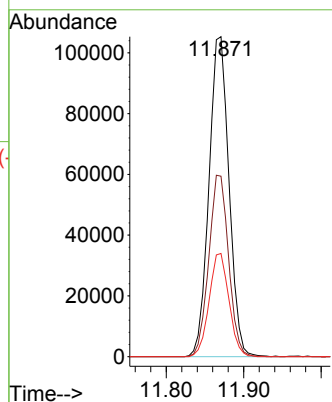
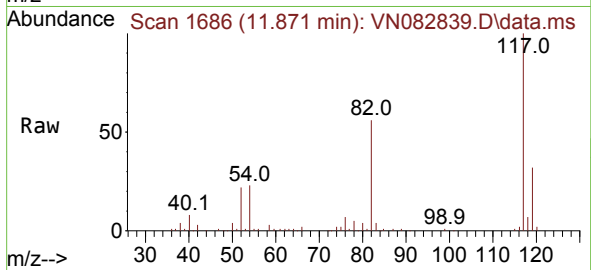
Tgt Ion:117 Resp: 188844

Ion Ratio Lower Upper

117 100

82 56.4 47.5 71.3

119 32.3 25.6 38.4



#71

Bromoform

Concen: 0.575 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.271 min

Lab File: VN082839.D

Acq: 09 Jul 2024 14:58

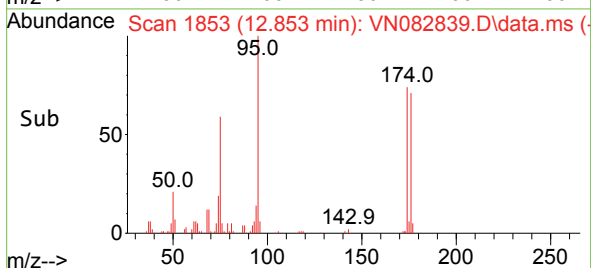
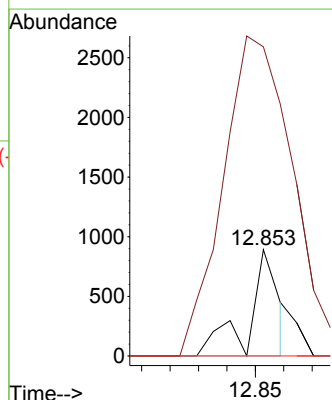
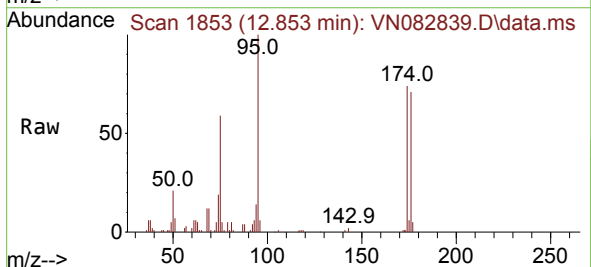
Tgt Ion:173 Resp: 651

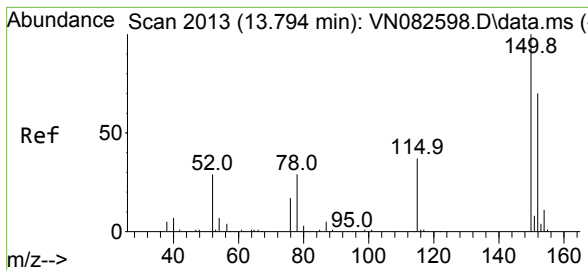
Ion Ratio Lower Upper

173 100

175 576.2 24.0 72.0#

254 0.0 0.0 0.0

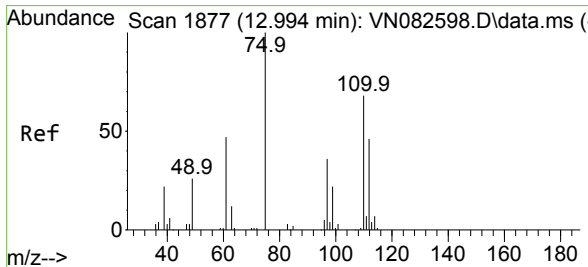
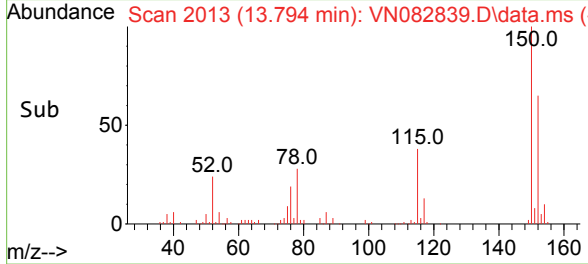
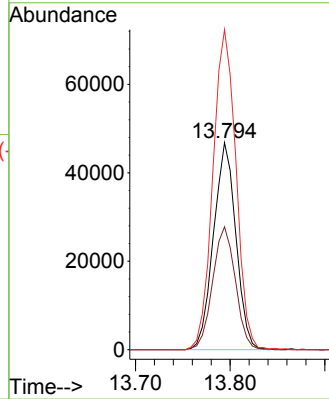
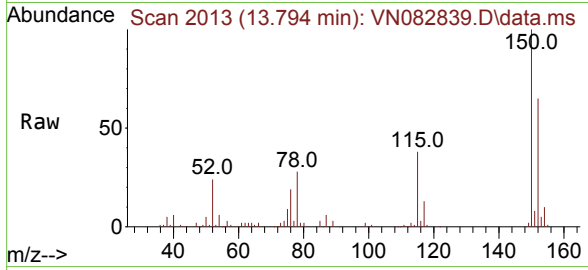




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN082839.D
Acq: 09 Jul 2024 14:58

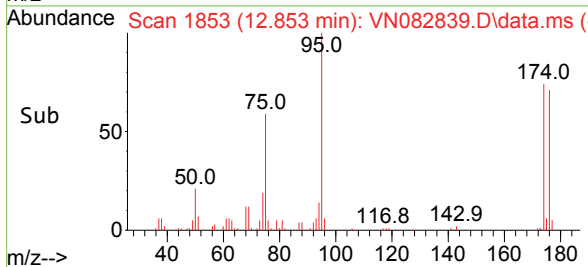
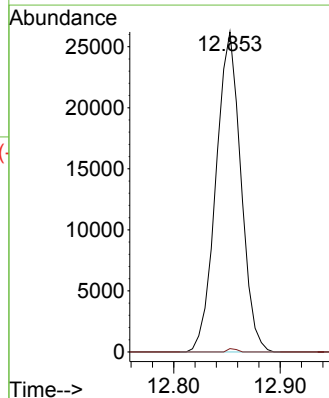
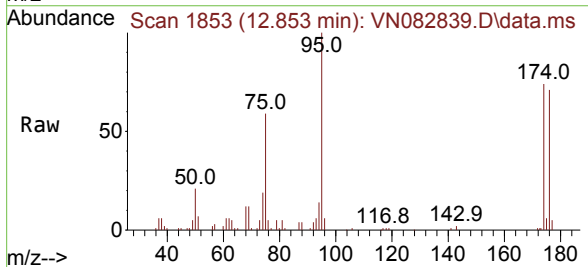
Instrument :
MSVOA_N
ClientSampleId :

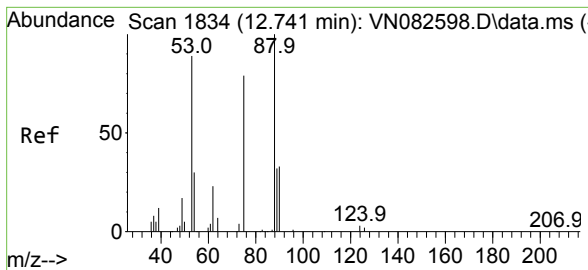
Tgt Ion:152 Resp: 76920
Ion Ratio Lower Upper
152 100
115 60.3 30.6 91.6
150 159.0 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 32.060 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN082839.D
Acq: 09 Jul 2024 14:58

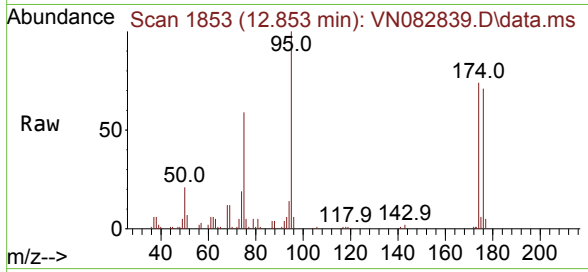
Tgt Ion: 75 Resp: 42516
Ion Ratio Lower Upper
75 100
77 0.4 110.9 332.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.052 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN082839.D
 Acq: 09 Jul 2024 14:58

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 42516
 Ion Ratio Lower Upper
 75 100
 53 0.0 88.4 132.6#
 89 0.0 36.3 54.5#

