

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031524\
 Data File : VN081439.D
 Acq On : 15 Mar 2024 20:53
 Operator : JC\MD
 Sample : P1772-11 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1349

Quant Time: Mar 15 23:39:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

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

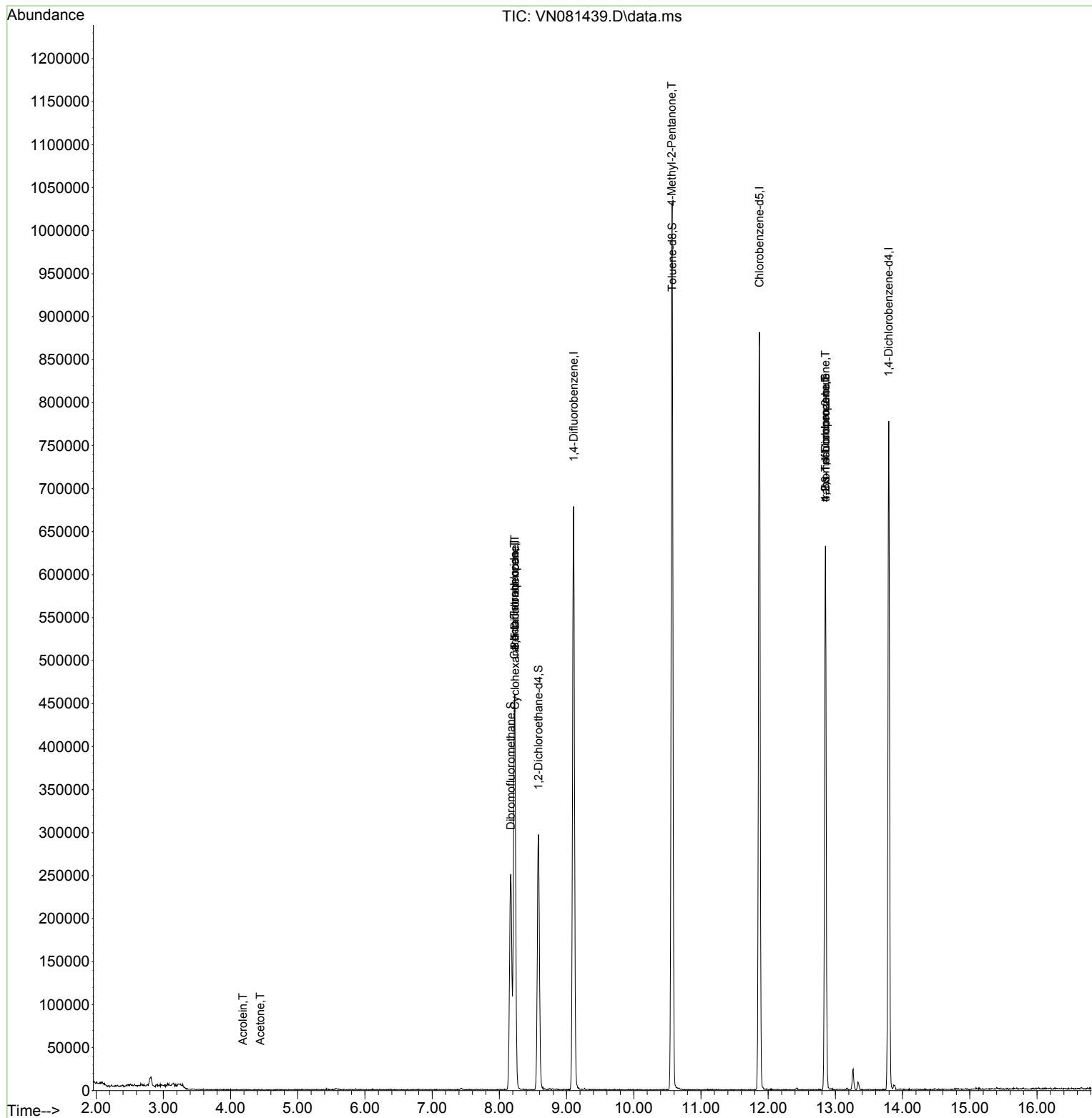
Internal Standards						
1) Pentafluorobenzene	8.230	168	310953	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	566429	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	488659	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	188493	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	236592	52.622	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.240%	
35) Dibromofluoromethane	8.171	113	181769	52.378	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.760%	
50) Toluene-d8	10.571	98	690319	53.212	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.420%	
62) 4-Bromofluorobenzene	12.853	95	211884	46.211	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 92.420%	
Target Compounds						
					Qvalue	
13) Acrolein	4.183	56	227	0.244	ug/l #	44
16) Acetone	4.442	43	603	0.379	ug/l #	44
31) Cyclohexane	8.235	56	8329	1.224	ug/l #	9
36) 1,1-Dichloropropene	8.230	75	29810	5.324	ug/l #	50
38) Carbon Tetrachloride	8.224	117	36542	6.485	ug/l #	19
51) 4-Methyl-2-Pentanone	10.565	43	3010	0.541	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	120863	27.147	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	120863	75.763	ug/l #	14

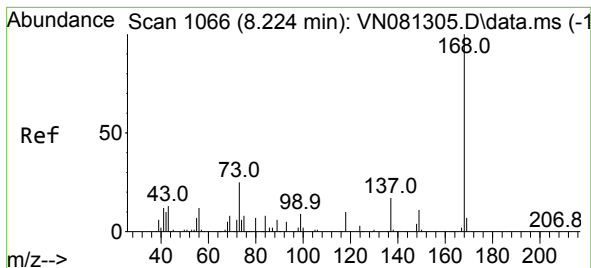
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031524\
Data File : VN081439.D
Acq On : 15 Mar 2024 20:53
Operator : JC\MD
Sample : P1772-11 50X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1349

Quant Time: Mar 15 23:39:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 06 03:12:57 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN081439.D

Acq: 15 Mar 2024 20:53

Instrument :

MSVOA_N

ClientSampleId :

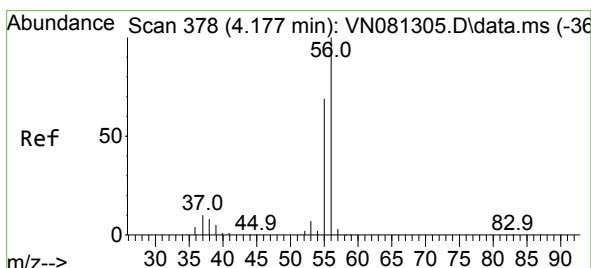
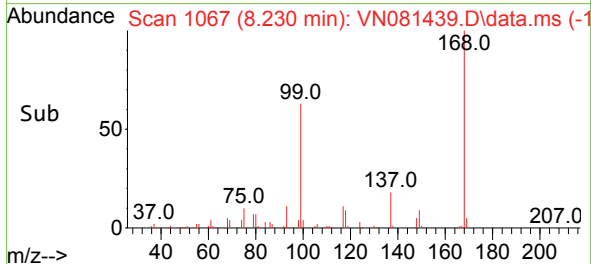
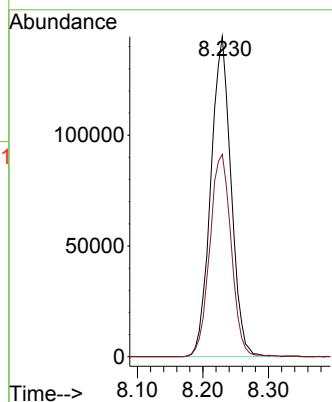
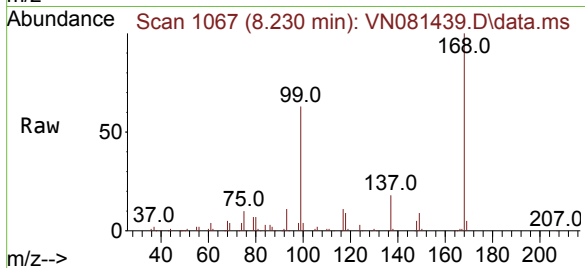
1349

Tgt Ion:168 Resp: 310953

Ion Ratio Lower Upper

168 100

99 63.2 59.9 89.9



#13

Acrolein

Concen: 0.244 ug/l

RT: 4.183 min Scan# 379

Delta R.T. 0.006 min

Lab File: VN081439.D

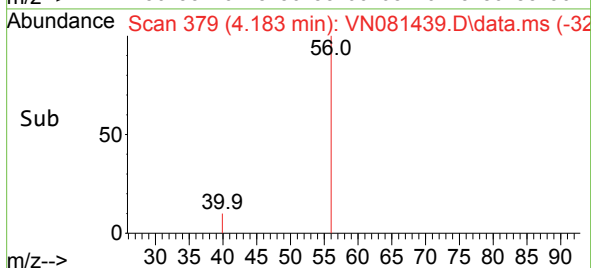
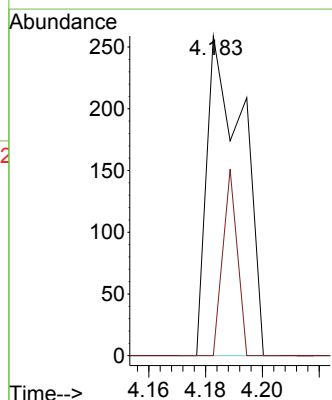
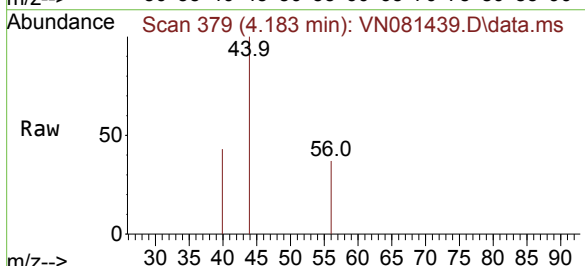
Acq: 15 Mar 2024 20:53

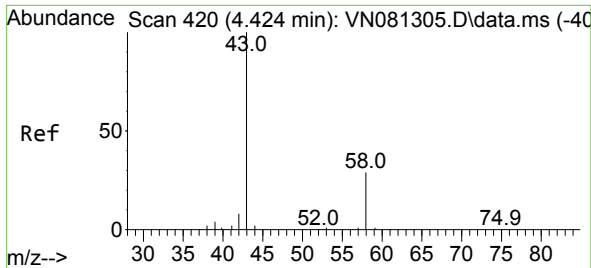
Tgt Ion: 56 Resp: 227

Ion Ratio Lower Upper

56 100

55 23.3 55.3 82.9#





#16

Acetone

Concen: 0.379 ug/l

RT: 4.442 min Scan# 41

Delta R.T. 0.018 min

Lab File: VN081439.D

Acq: 15 Mar 2024 20:53

Instrument :

MSVOA_N

ClientSampleId :

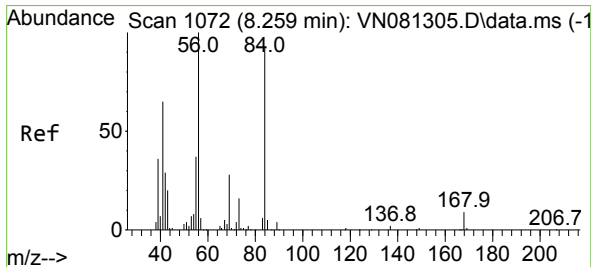
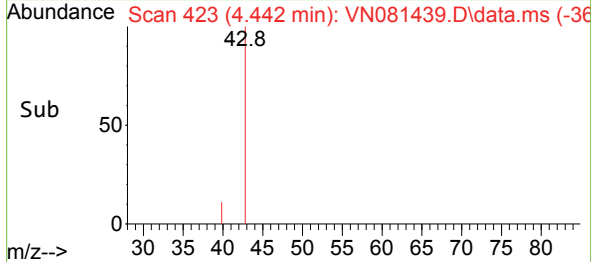
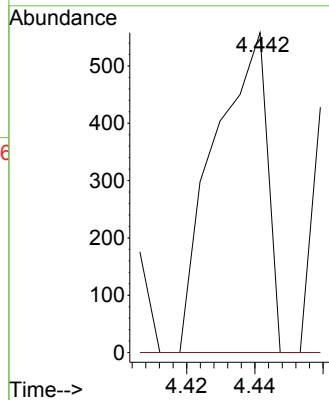
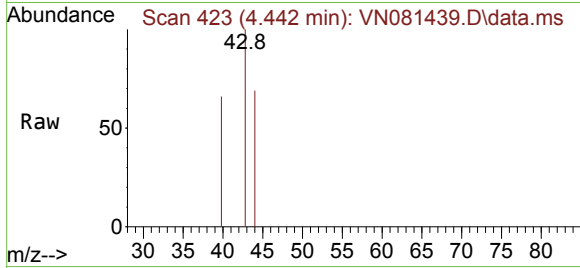
1349

Tgt Ion: 43 Resp: 603

Ion Ratio Lower Upper

43 100

58 0.0 24.8 37.2#



#31

Cyclohexane

Concen: 1.224 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.024 min

Lab File: VN081439.D

Acq: 15 Mar 2024 20:53

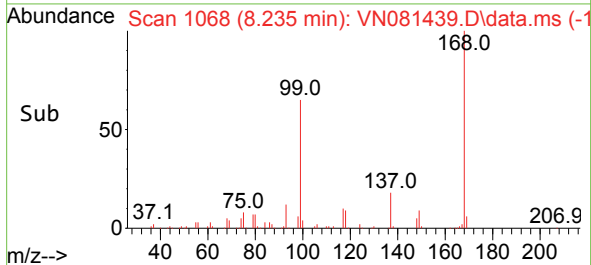
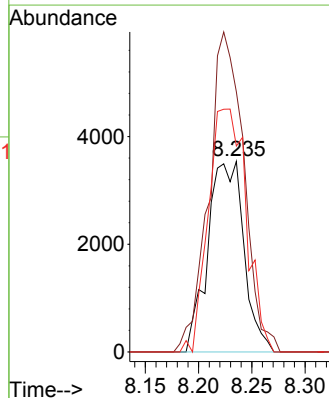
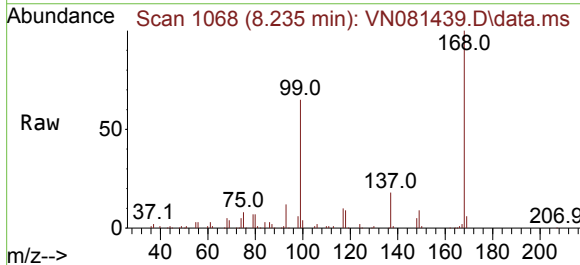
Tgt Ion: 56 Resp: 8329

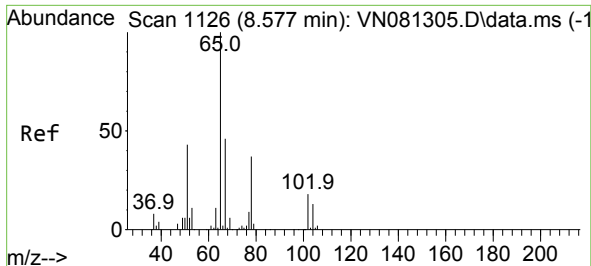
Ion Ratio Lower Upper

56 100

69 136.5 20.1 30.1#

84 108.0 56.9 85.3#

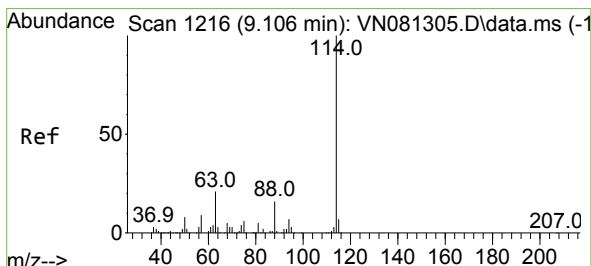
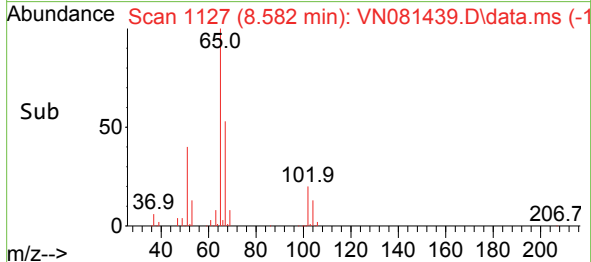
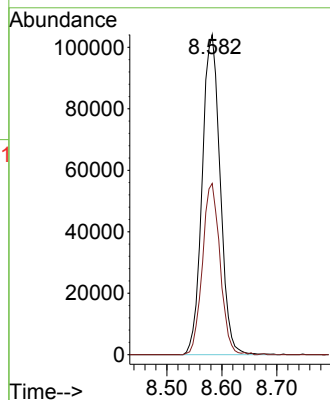
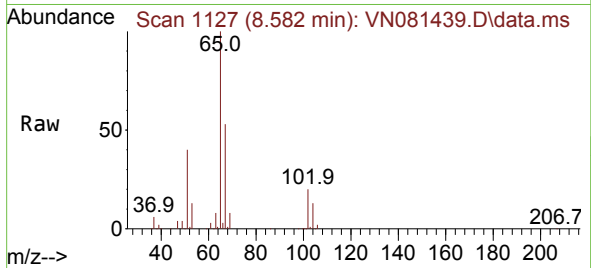




#33
 1,2-Dichloroethane-d4
 Concen: 52.622 ug/l
 RT: 8.582 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VN081439.D
 Acq: 15 Mar 2024 20:53

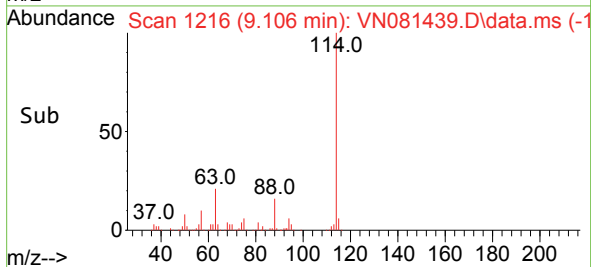
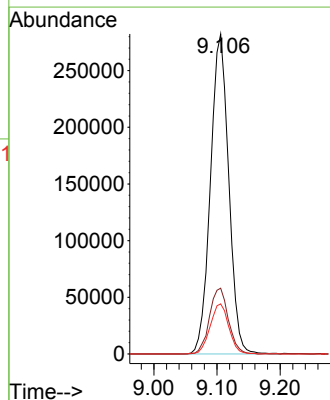
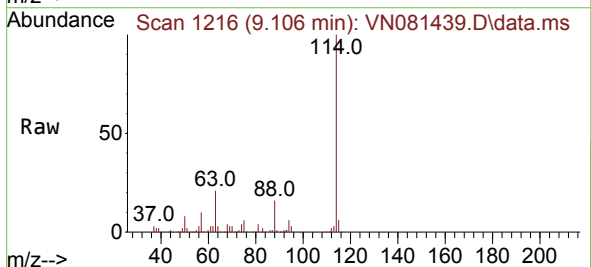
Instrument :
 MSVOA_N
 ClientSampleId :
 1349

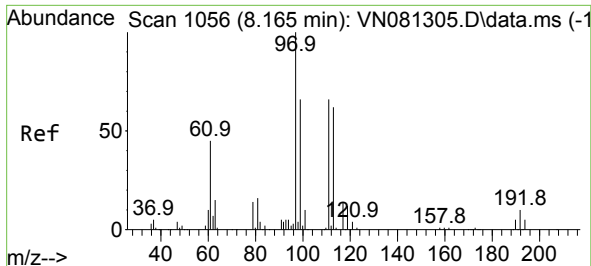
Tgt Ion: 65 Resp: 236592
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. -0.000 min
 Lab File: VN081439.D
 Acq: 15 Mar 2024 20:53

Tgt Ion: 114 Resp: 566429
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 48.0
 88 15.6 0.0 34.8

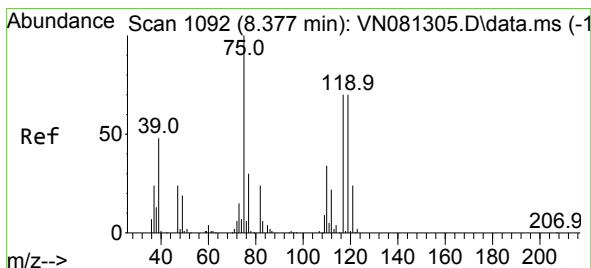
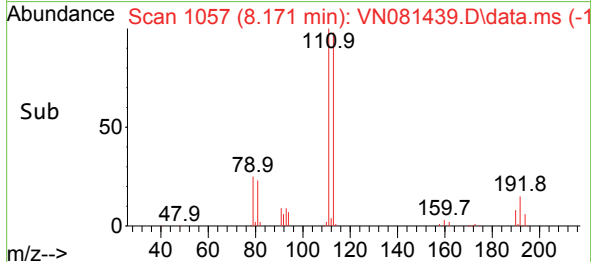
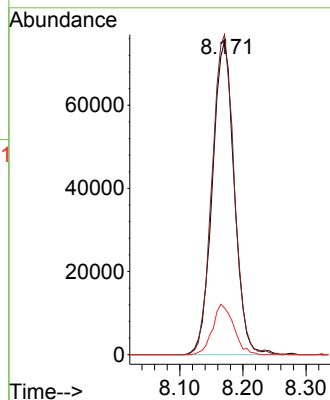
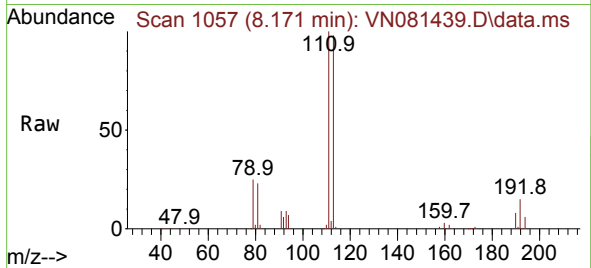




#35
Dibromofluoromethane
Concen: 52.378 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN081439.D
Acq: 15 Mar 2024 20:53

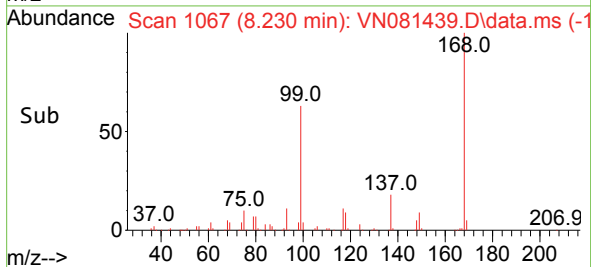
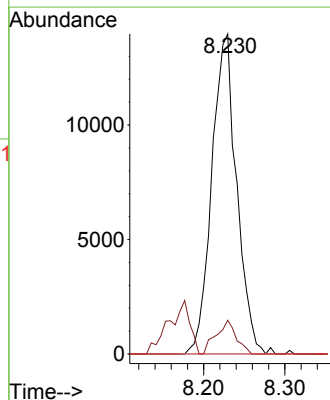
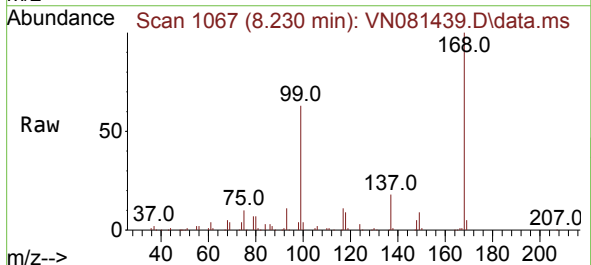
Instrument :
MSVOA_N
ClientSampleId :
1349

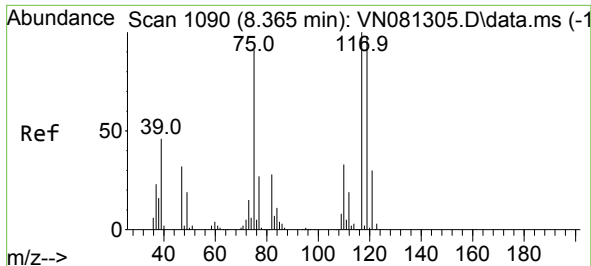
Tgt Ion:113 Resp: 181769
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.4
192 15.5 12.5 18.7



#36
1,1-Dichloropropene
Concen: 5.324 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN081439.D
Acq: 15 Mar 2024 20:53

Tgt Ion: 75 Resp: 29810
Ion Ratio Lower Upper
75 100
110 8.5 16.0 48.0#
77 0.0 25.8 38.6#

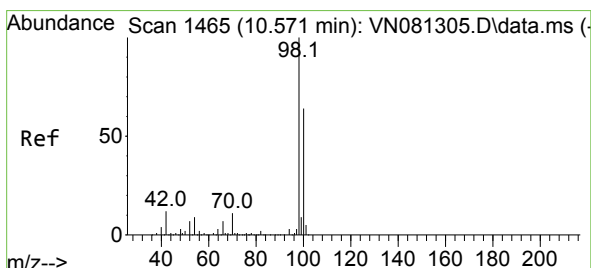
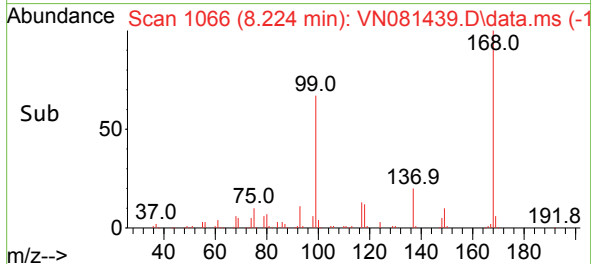
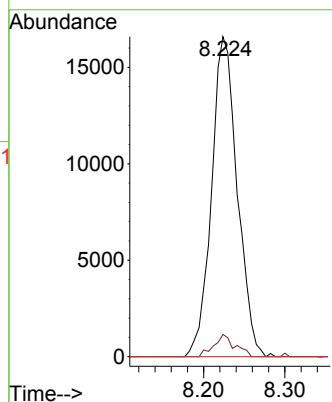
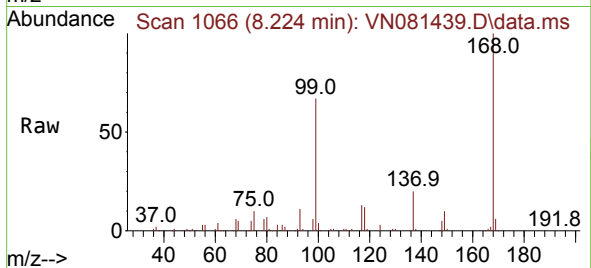




#38
Carbon Tetrachloride
Concen: 6.485 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN081439.D
Acq: 15 Mar 2024 20:53

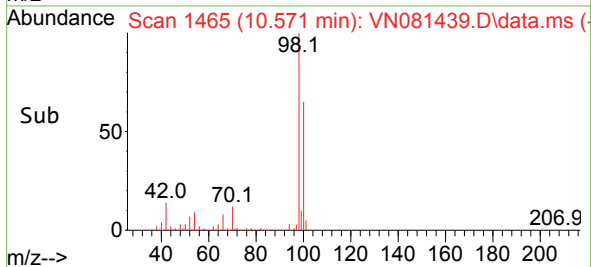
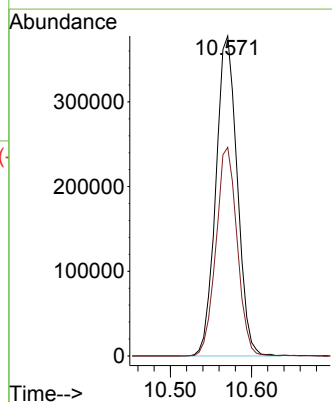
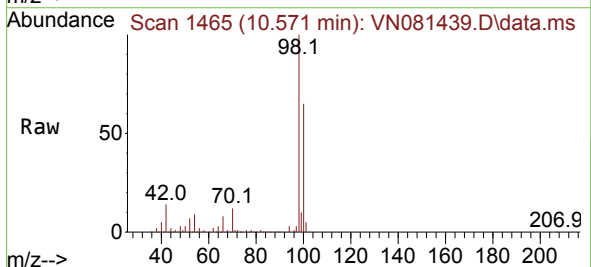
Instrument :
MSVOA_N
ClientSampleId :
1349

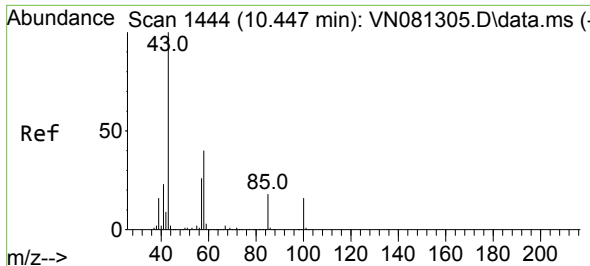
Tgt Ion:117 Resp: 36542
Ion Ratio Lower Upper
117 100
119 6.9 73.4 110.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 53.212 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN081439.D
Acq: 15 Mar 2024 20:53

Tgt Ion: 98 Resp: 690319
Ion Ratio Lower Upper
98 100
100 64.6 51.4 77.0

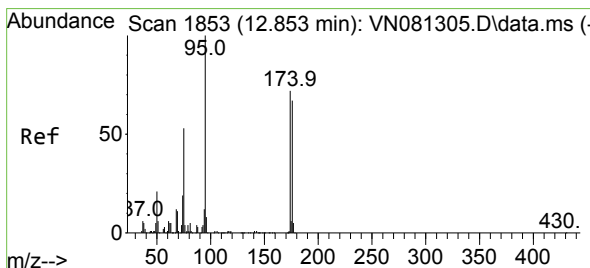
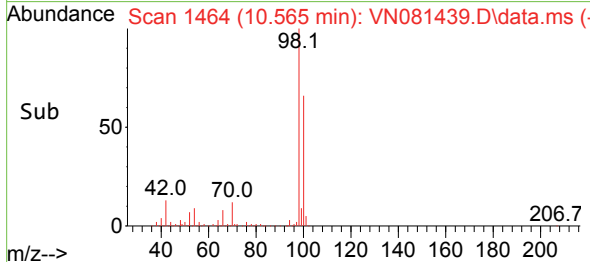
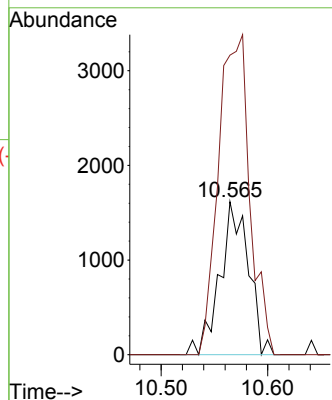
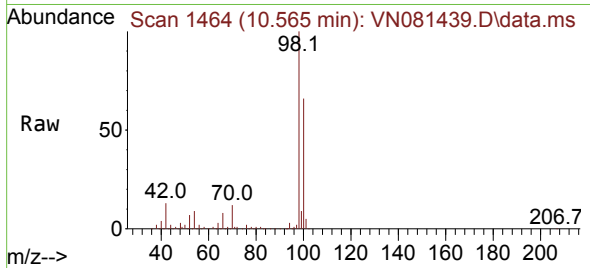




#51
4-Methyl-2-Pentanone
Concen: 0.541 ug/l
RT: 10.565 min Scan# 1444
Delta R.T. 0.118 min
Lab File: VN081439.D
Acq: 15 Mar 2024 20:53

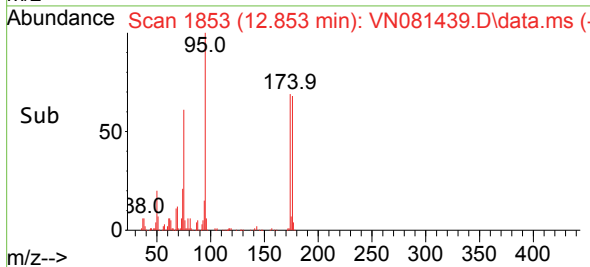
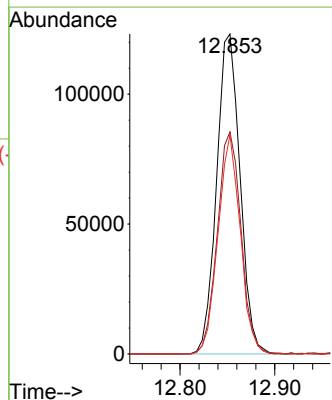
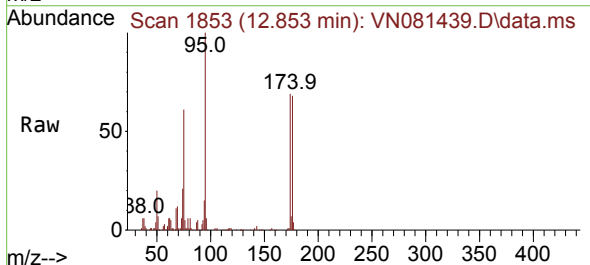
Instrument :
MSVOA_N
ClientSampleId :
1349

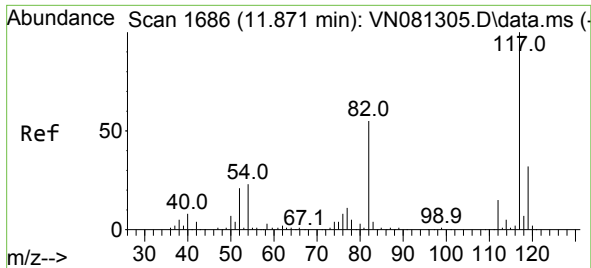
Tgt Ion: 43 Resp: 3010
Ion Ratio Lower Upper
43 100
58 229.8 29.4 44.0#



#62
4-Bromofluorobenzene
Concen: 46.211 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN081439.D
Acq: 15 Mar 2024 20:53

Tgt Ion: 95 Resp: 211884
Ion Ratio Lower Upper
95 100
174 69.9 0.0 120.4
176 65.1 0.0 121.0

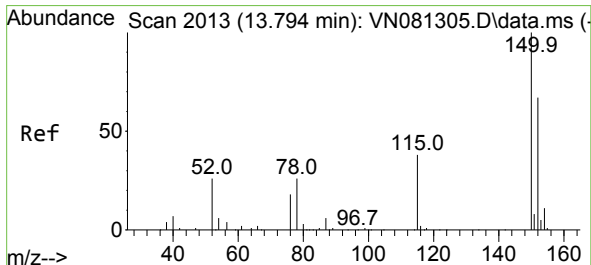
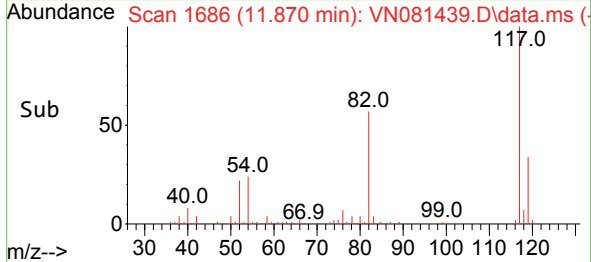
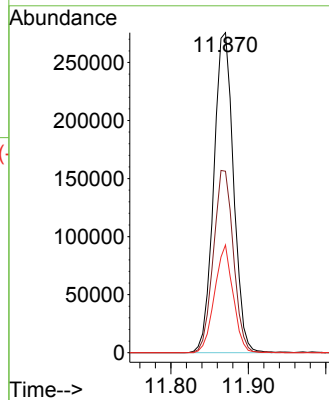
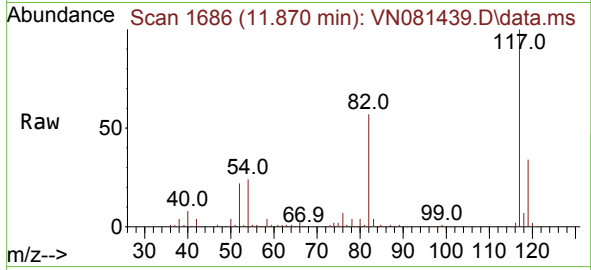




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081439.D
Acq: 15 Mar 2024 20:53

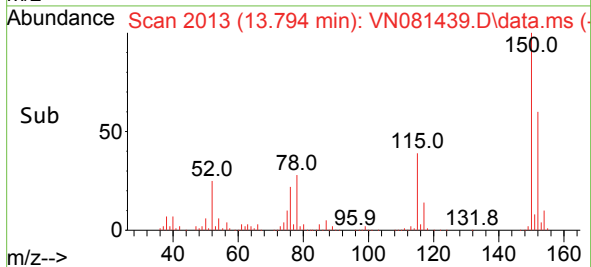
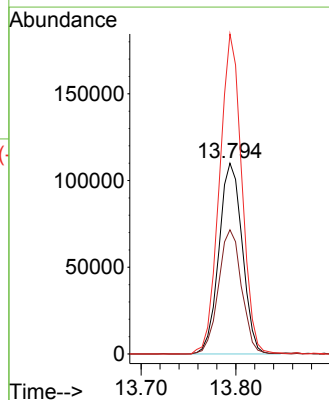
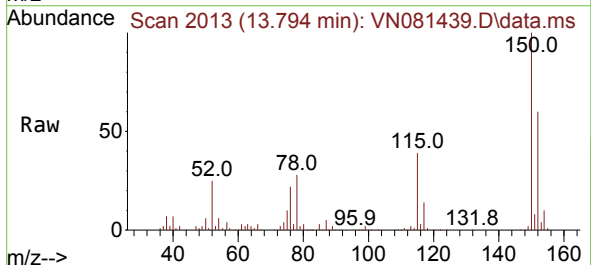
Instrument :
MSVOA_N
ClientSampleId :
1349

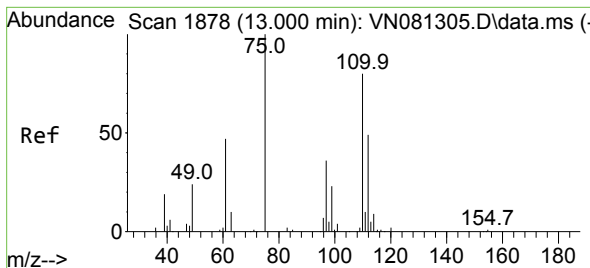
Tgt Ion:117 Resp: 488659
Ion Ratio Lower Upper
117 100
82 56.7 52.7 79.1
119 33.6 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081439.D
Acq: 15 Mar 2024 20:53

Tgt Ion:152 Resp: 188493
Ion Ratio Lower Upper
152 100
115 64.5 32.3 96.8
150 160.7 0.0 339.8





#76

1,2,3-Trichloropropane

Concen: 27.147 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN081439.D

Acq: 15 Mar 2024 20:53

Instrument :

MSVOA_N

ClientSampleId :

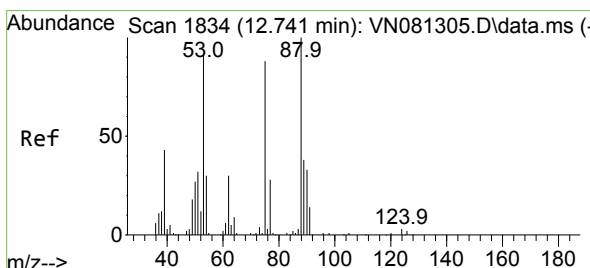
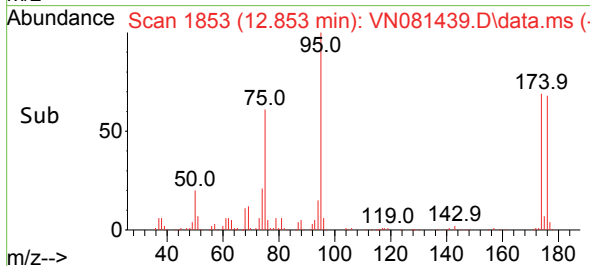
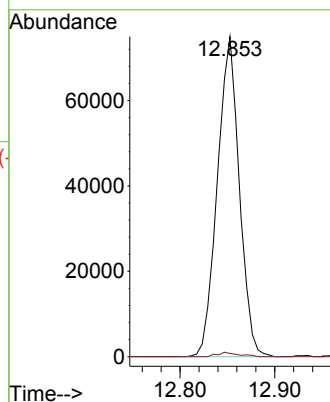
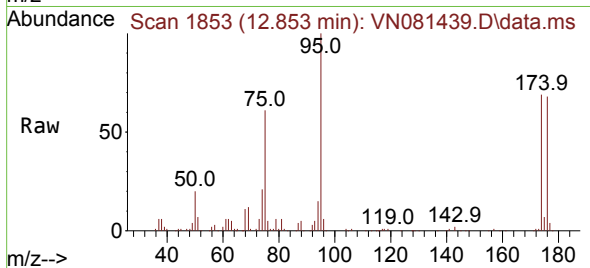
1349

Tgt Ion: 75 Resp: 120863

Ion Ratio Lower Upper

75 100

77 1.3 91.0 272.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 75.763 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN081439.D

Acq: 15 Mar 2024 20:53

Tgt Ion: 75 Resp: 120863

Ion Ratio Lower Upper

75 100

53 0.1 71.4 107.2#

89 0.1 33.4 50.0#

