

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061424\
 Data File : VN082591.D
 Acq On : 14 Jun 2024 18:29
 Operator : JC\MD
 Sample : P2890-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 14 23:49:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

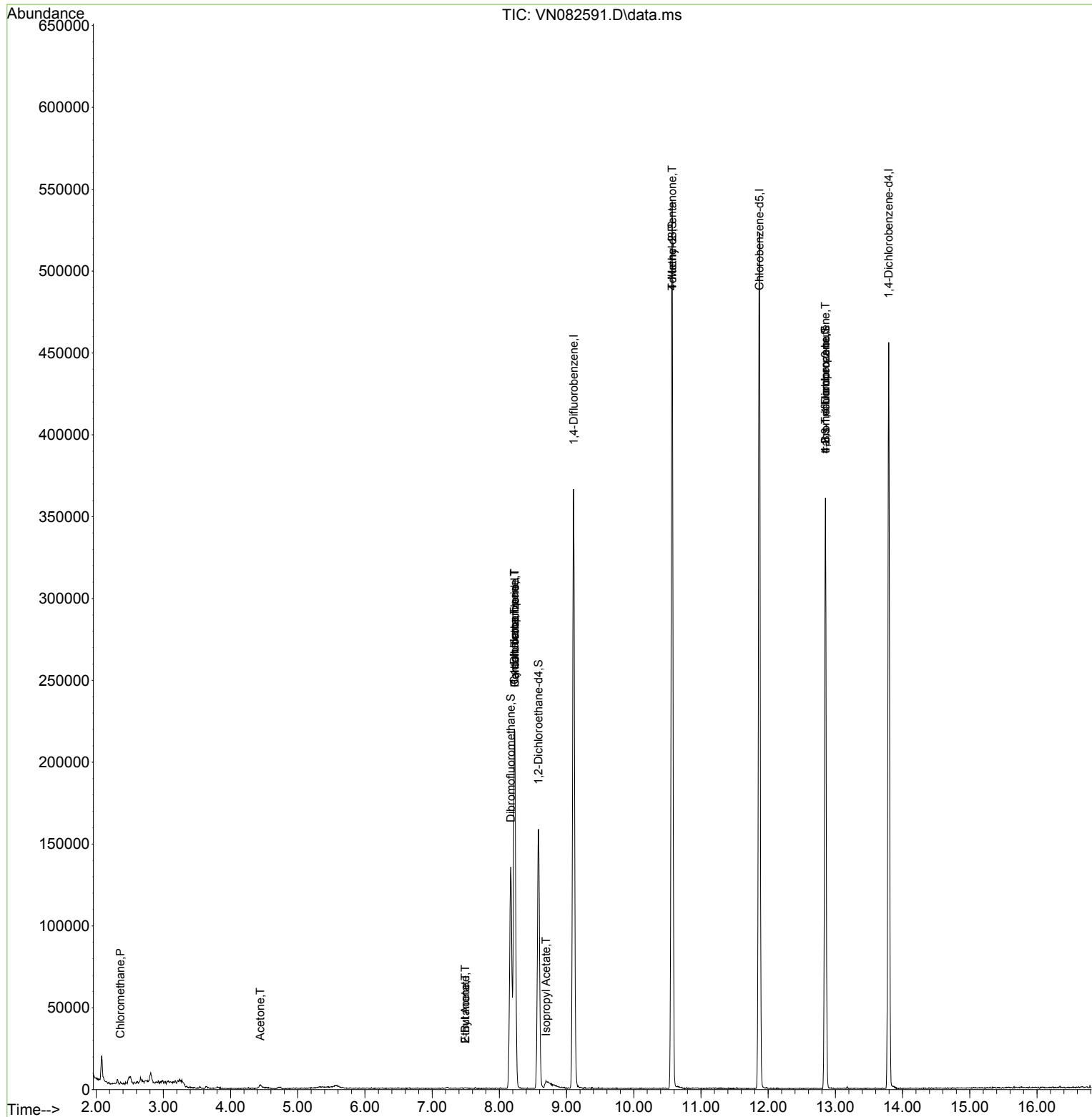
Internal Standards						
1) Pentafluorobenzene	8.230	168	153757	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	288704	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	278089	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	112635	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	130146	53.605	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.220%	
35) Dibromofluoromethane	8.171	113	93854	52.846	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.700%	
50) Toluene-d8	10.571	98	350905	51.536	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.080%	
62) 4-Bromofluorobenzene	12.853	95	111991	46.082	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 92.160%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	925	0.368	ug/l #	86
16) Acetone	4.442	43	4009	4.025	ug/l #	70
25) 2-Butanone	7.494	43	917	0.607	ug/l #	43
31) Cyclohexane	8.224	56	4213	1.086	ug/l #	42
36) 1,1-Dichloropropene	8.224	75	14421	4.842	ug/l #	52
37) Ethyl Acetate	7.494	43	917	0.275	ug/l #	68
38) Carbon Tetrachloride	8.230	117	16551	5.482	ug/l #	18
43) Isopropyl Acetate	8.694	43	6761	1.145	ug/l #	52
51) 4-Methyl-2-Pentanone	10.571	43	2198	0.655	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	65846	27.775	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	65846	64.964	ug/l #	12

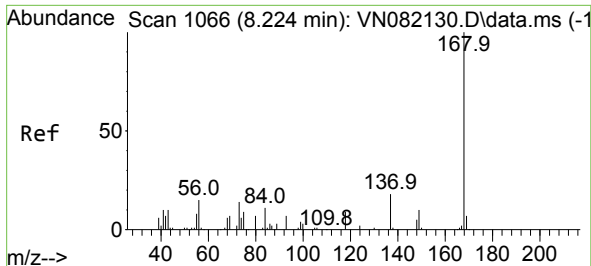
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061424\  
Data File : VN082591.D  
Acq On    : 14 Jun 2024  18:29  
Operator  : JC\MD  
Sample    : P2890-08  
Misc      : 5.0mL/MSVOA_N/WATER  
ALS Vial  : 20    Sample Multiplier: 1
```

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jun 14 23:49:39 2024
Quant Method : Z:\voasrv\HPCHEM1\M\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
Response via : Initial Calibration

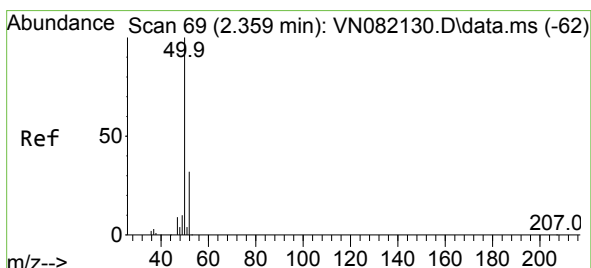
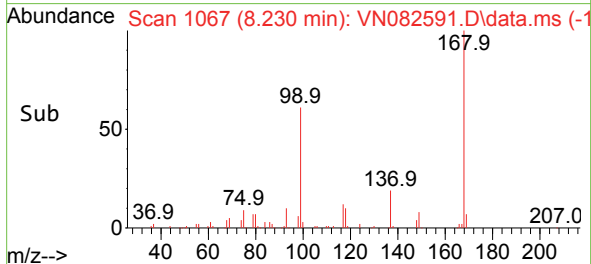
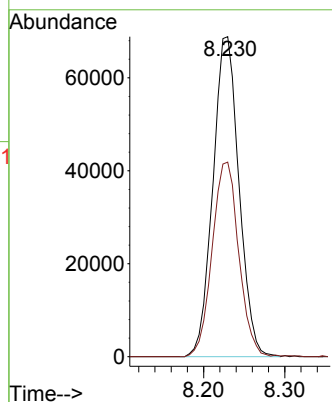
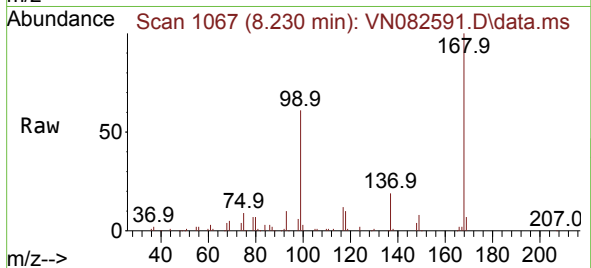




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN082591.D
Acq: 14 Jun 2024 18:29

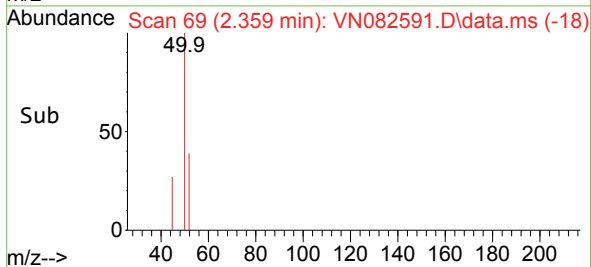
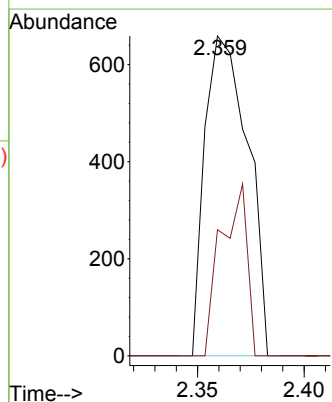
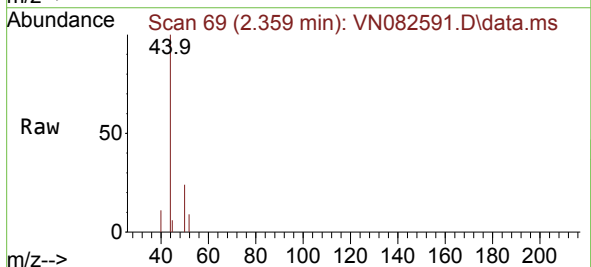
Instrument :
MSVOA_N
ClientSampleId :

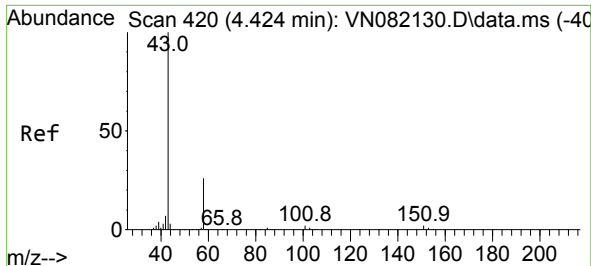
Tgt Ion:168 Resp: 153757
Ion Ratio Lower Upper
168 100
99 60.8 48.2 72.4



#3
Chloromethane
Concen: 0.368 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN082591.D
Acq: 14 Jun 2024 18:29

Tgt Ion: 50 Resp: 925
Ion Ratio Lower Upper
50 100
52 39.5 25.5 38.3#

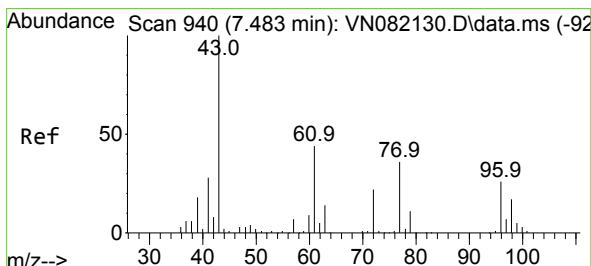
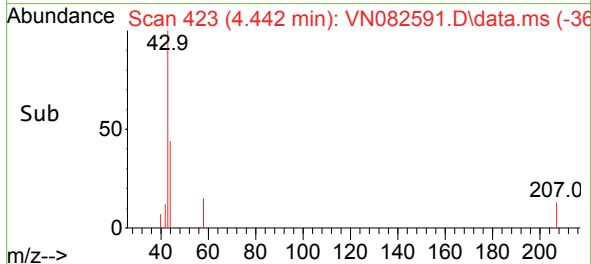
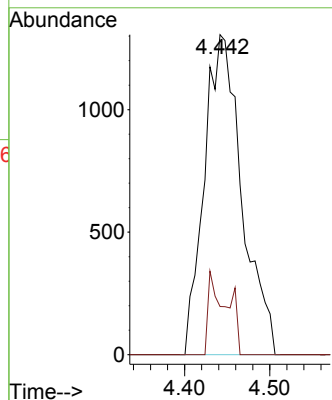
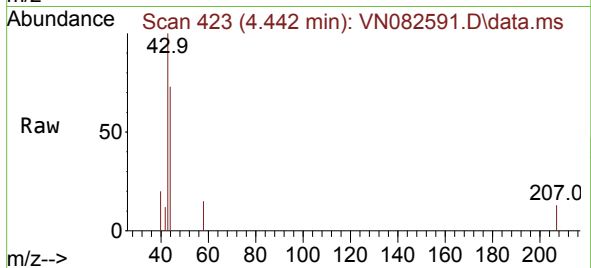




#16
Acetone
Concen: 4.025 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN082591.D
Acq: 14 Jun 2024 18:29

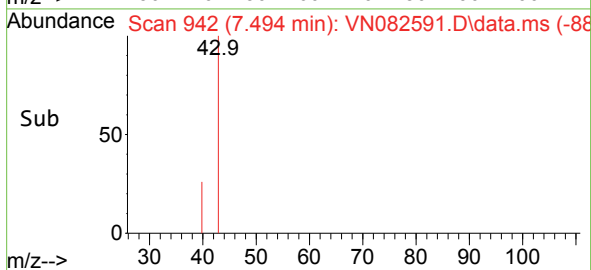
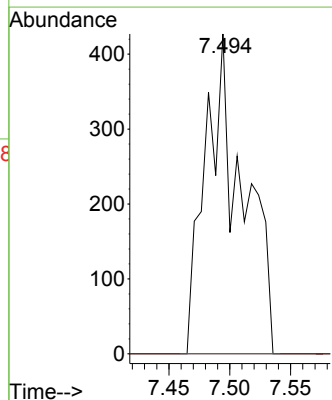
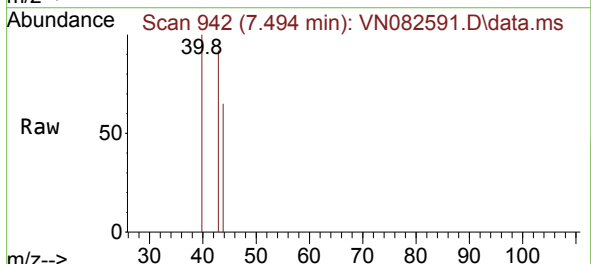
Instrument :
MSVOA_N
ClientSampleId :

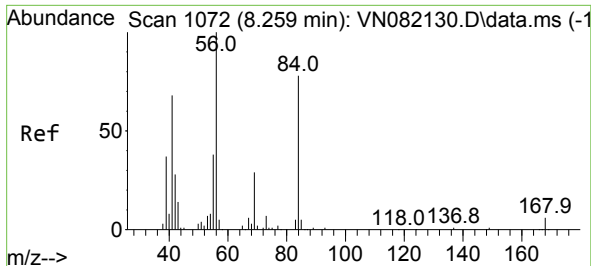
Tgt Ion: 43 Resp: 4009
Ion Ratio Lower Upper
43 100
58 15.1 25.2 37.8#



#25
2-Butanone
Concen: 0.607 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN082591.D
Acq: 14 Jun 2024 18:29

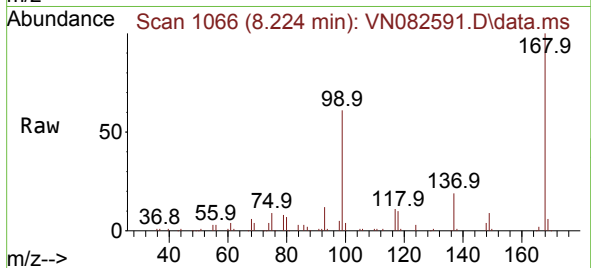
Tgt Ion: 43 Resp: 917
Ion Ratio Lower Upper
43 100
72 0.0 25.3 37.9#



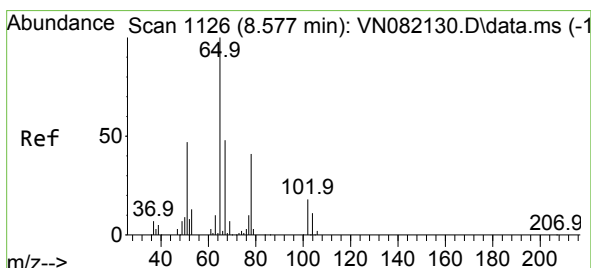
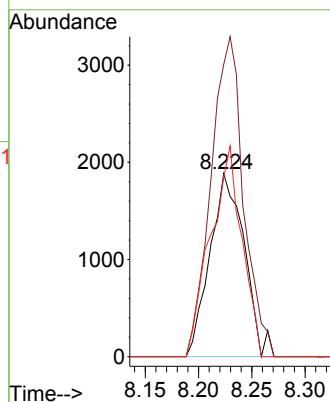
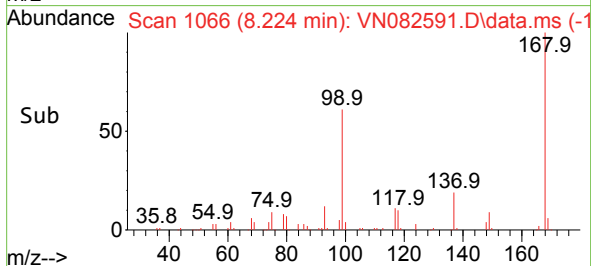


#31
Cyclohexane
Concen: 1.086 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082591.D
Acq: 14 Jun 2024 18:29

Instrument :
MSVOA_N
ClientSampleId :

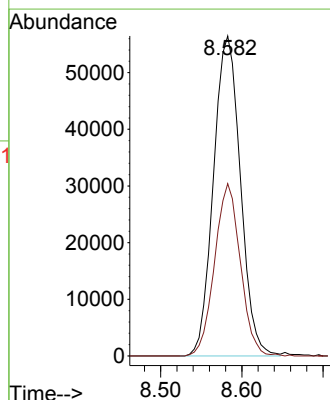
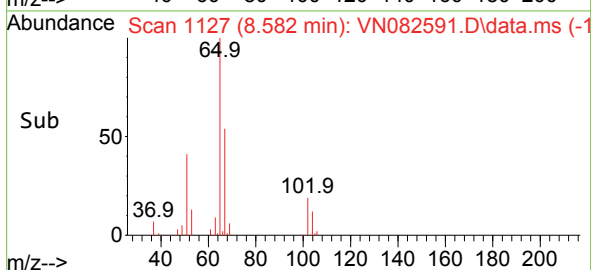
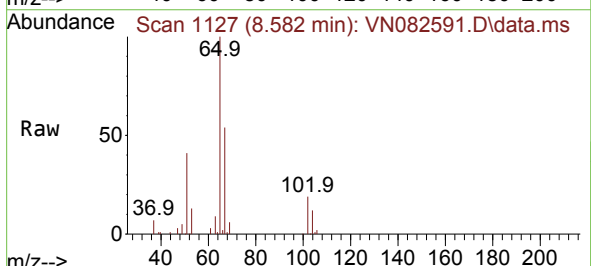


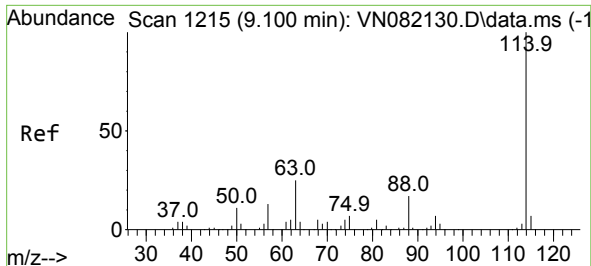
Tgt Ion: 56 Resp: 4213
Ion Ratio Lower Upper
56 100
69 159.7 24.4 36.6#
84 98.0 77.0 115.4



#33
1,2-Dichloroethane-d4
Concen: 53.605 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082591.D
Acq: 14 Jun 2024 18:29

Tgt Ion: 65 Resp: 130146
Ion Ratio Lower Upper
65 100
67 51.5 0.0 103.0

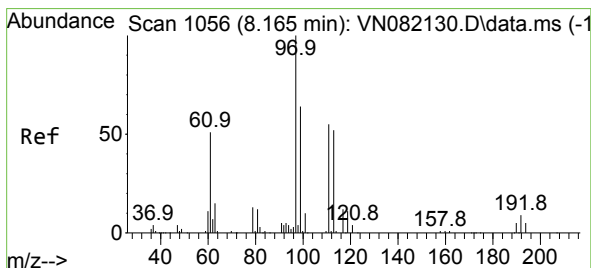
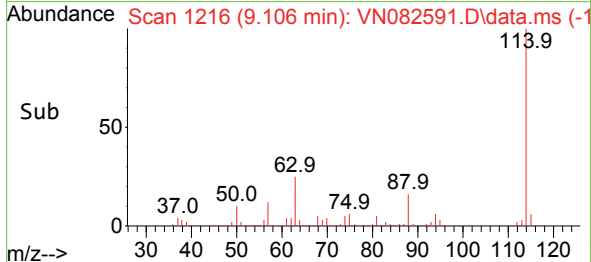
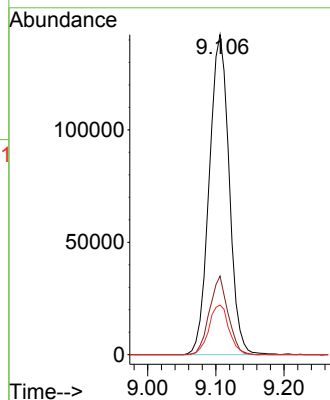
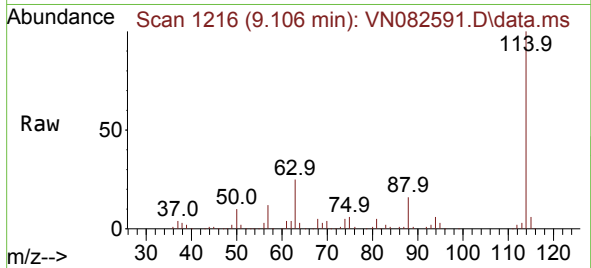




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082591.D
Acq: 14 Jun 2024 18:29

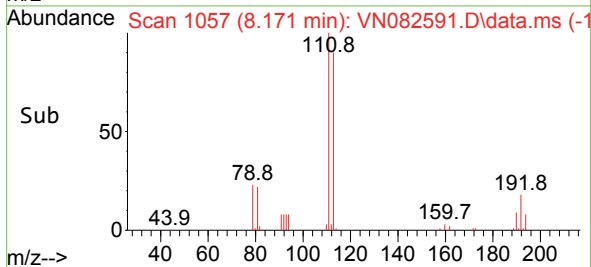
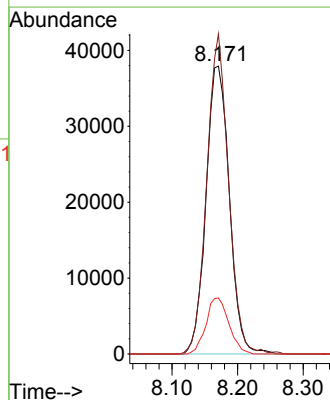
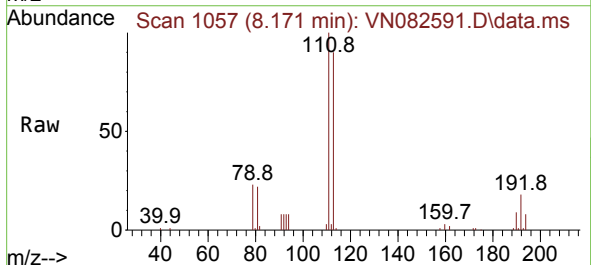
Instrument :
MSVOA_N
ClientSampleId :

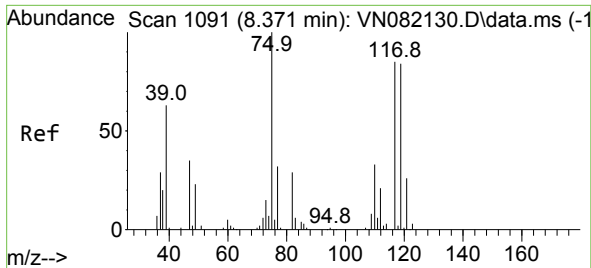
Tgt Ion:114 Resp: 288704
Ion Ratio Lower Upper
114 100
63 24.6 0.0 41.0
88 15.5 0.0 31.4



#35
Dibromofluoromethane
Concen: 52.846 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082591.D
Acq: 14 Jun 2024 18:29

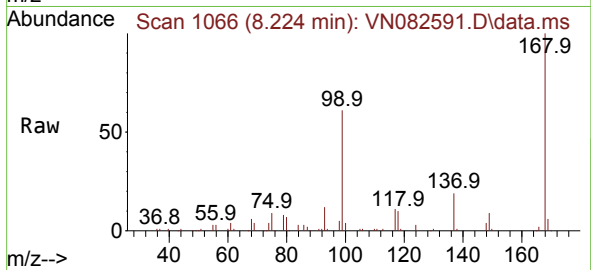
Tgt Ion:113 Resp: 93854
Ion Ratio Lower Upper
113 100
111 104.0 83.4 125.2
192 19.1 14.0 21.0



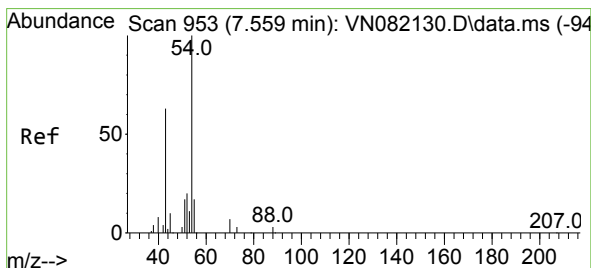
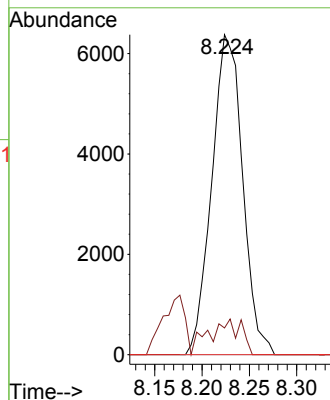
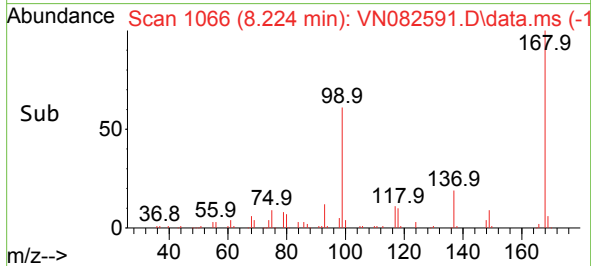


#36
1,1-Dichloropropene
Concen: 4.842 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082591.D
Acq: 14 Jun 2024 18:29

Instrument :
MSVOA_N
ClientSampleId :

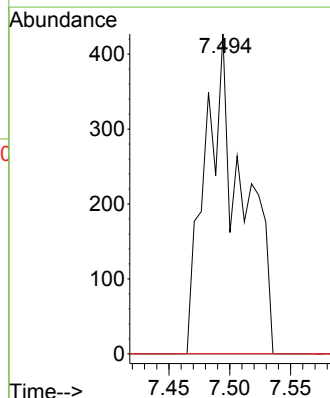
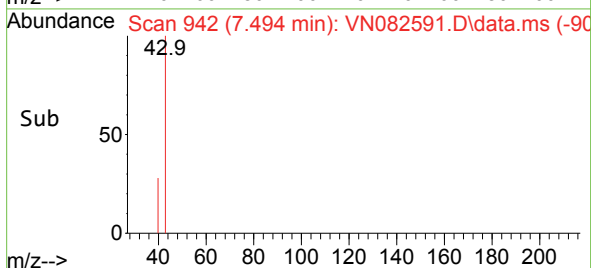
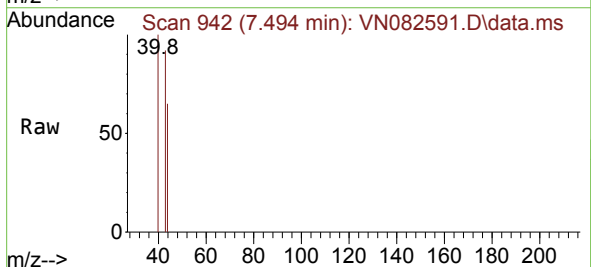


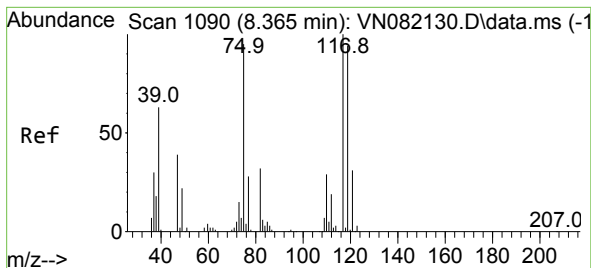
Tgt Ion: 75 Resp: 14421
Ion Ratio Lower Upper
75 100
110 11.6 17.8 53.5#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 0.275 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.065 min
Lab File: VN082591.D
Acq: 14 Jun 2024 18:29

Tgt Ion: 43 Resp: 917
Ion Ratio Lower Upper
43 100
61 0.0 11.3 16.9#
70 0.0 8.7 13.1#





#38

Carbon Tetrachloride

Concen: 5.482 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.135 min

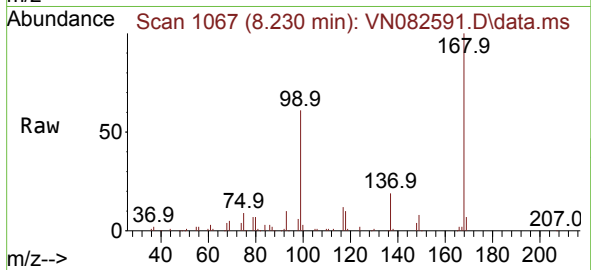
Lab File: VN082591.D

Acq: 14 Jun 2024 18:29

Instrument :

MSVOA_N

ClientSampleId :



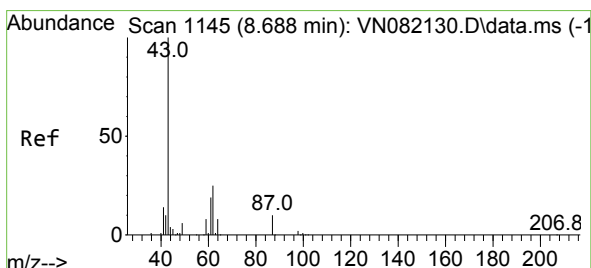
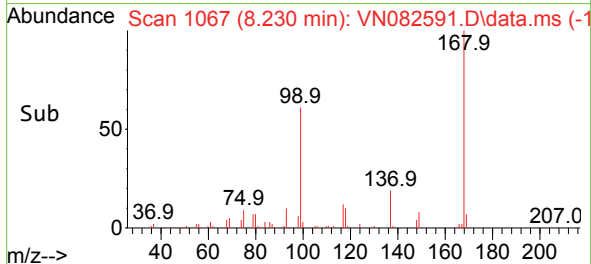
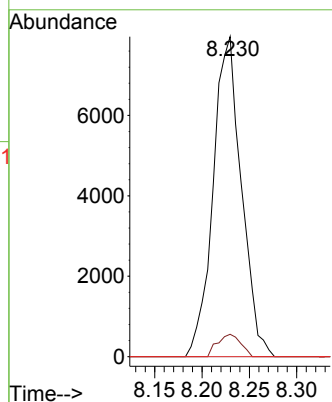
Tgt Ion:117 Resp: 16551

Ion Ratio Lower Upper

117 100

119 7.0 76.5 114.7#

121 0.0 23.9 35.9#



#43

Isopropyl Acetate

Concen: 1.145 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN082591.D

Acq: 14 Jun 2024 18:29

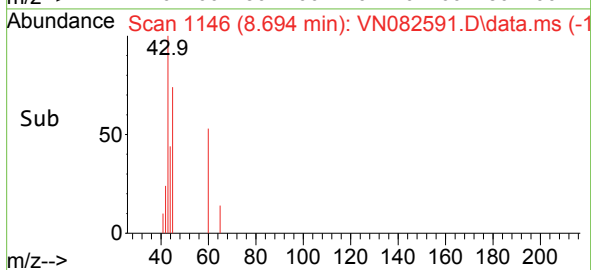
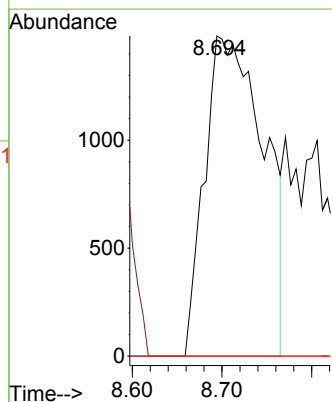
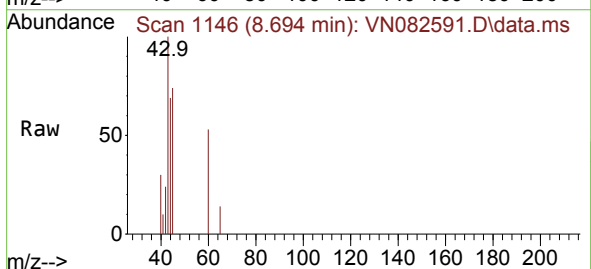
Tgt Ion: 43 Resp: 6761

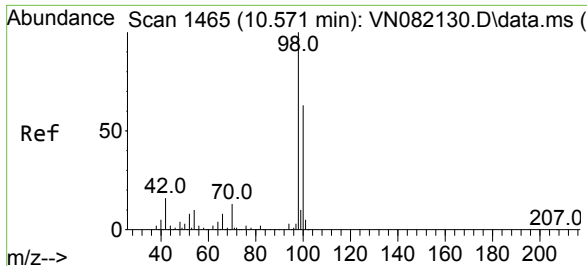
Ion Ratio Lower Upper

43 100

61 0.0 22.8 34.2#

87 0.0 12.0 18.0#

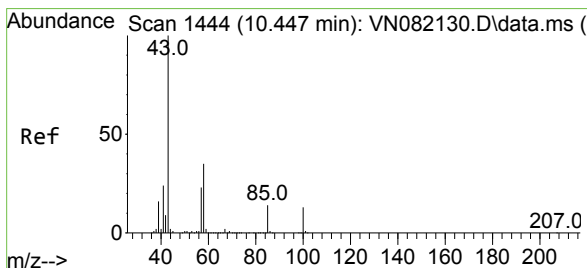
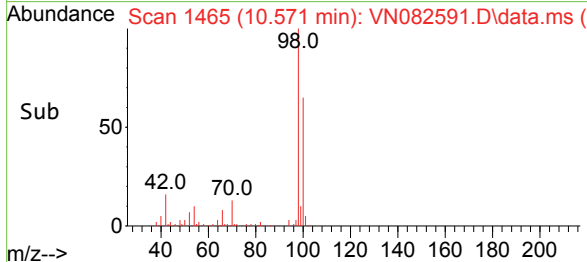
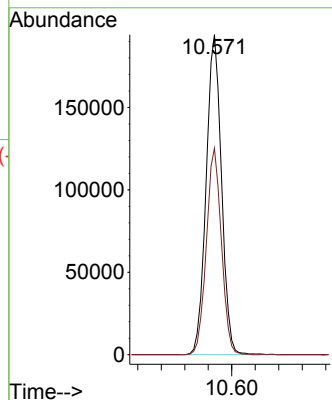
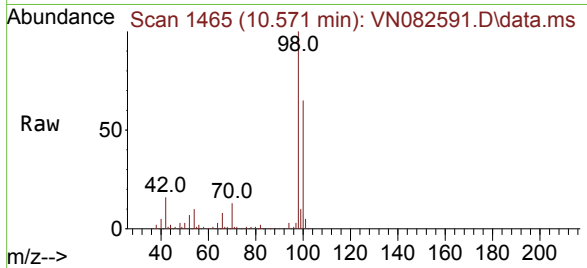




#50
Toluene-d8
Concen: 51.536 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082591.D
Acq: 14 Jun 2024 18:29

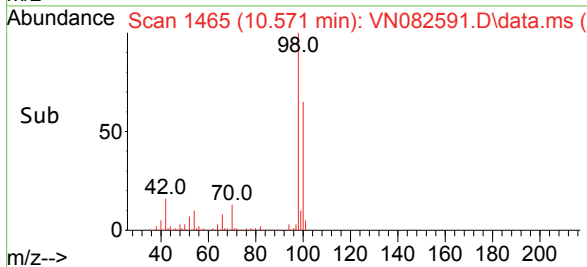
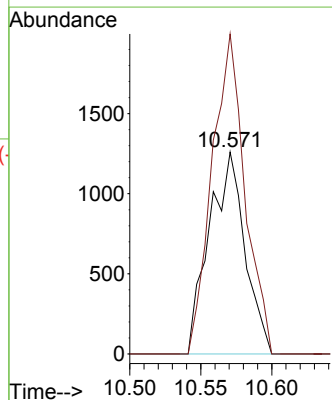
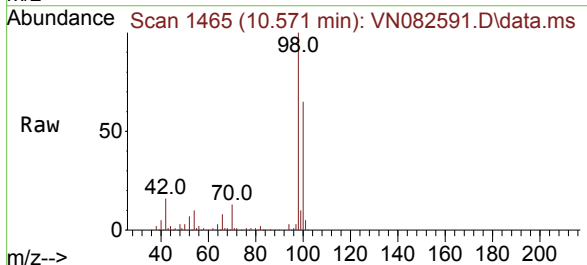
Instrument :
MSVOA_N
ClientSampleId :

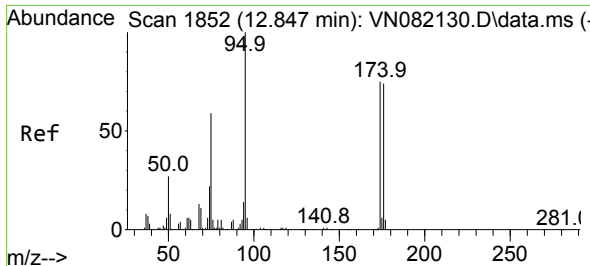
Tgt Ion: 98 Resp: 350905
Ion Ratio Lower Upper
98 100
100 63.2 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 0.655 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.123 min
Lab File: VN082591.D
Acq: 14 Jun 2024 18:29

Tgt Ion: 43 Resp: 2198
Ion Ratio Lower Upper
43 100
58 146.5 33.2 49.8#

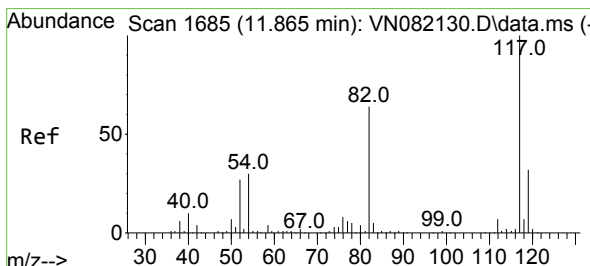
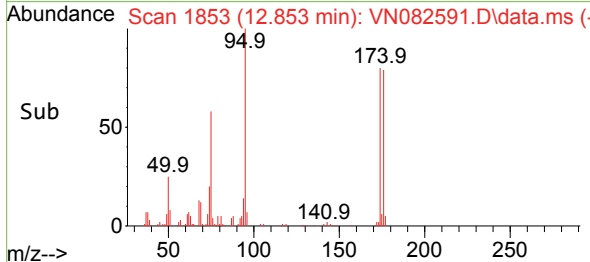
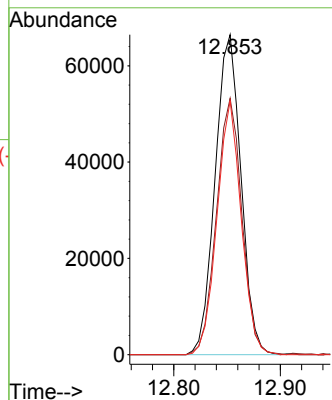
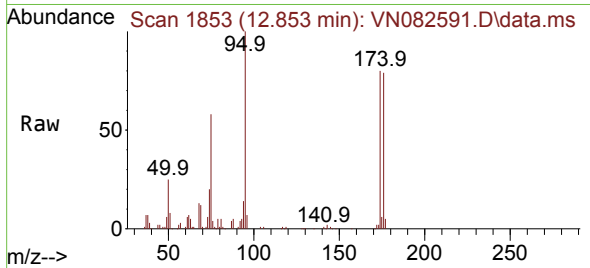




#62
4-Bromofluorobenzene
Concen: 46.082 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082591.D
Acq: 14 Jun 2024 18:29

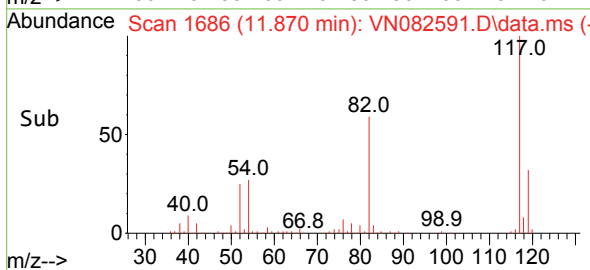
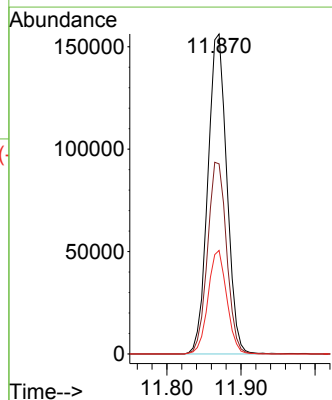
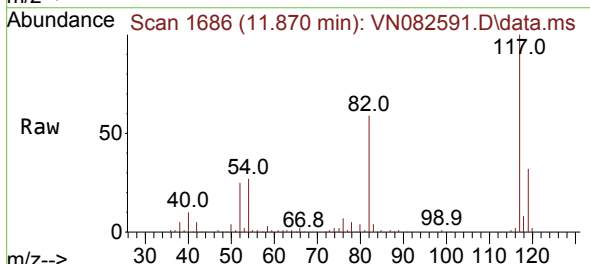
Instrument :
MSVOA_N
ClientSampleId :

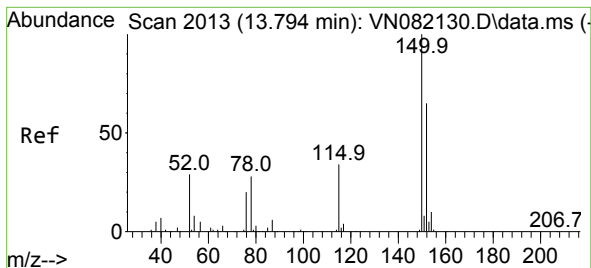
Tgt Ion: 95 Resp: 111991
Ion Ratio Lower Upper
95 100
174 78.8 0.0 160.6
176 74.3 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN082591.D
Acq: 14 Jun 2024 18:29

Tgt Ion: 117 Resp: 278089
Ion Ratio Lower Upper
117 100
82 59.4 44.6 66.8
119 32.3 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 20

Delta R.T. -0.000 min

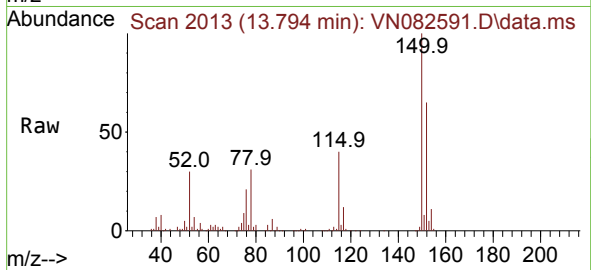
Lab File: VN082591.D

Acq: 14 Jun 2024 18:29

Instrument :

MSVOA_N

ClientSampleId :



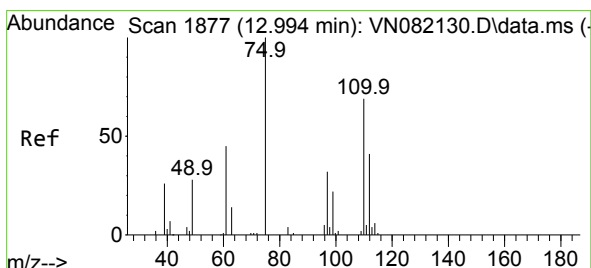
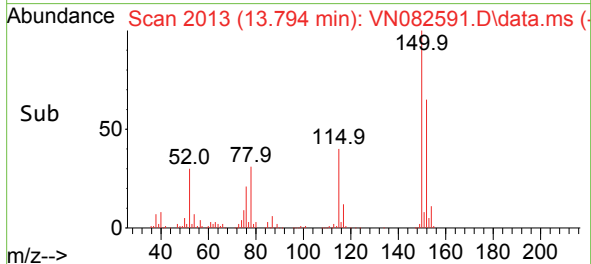
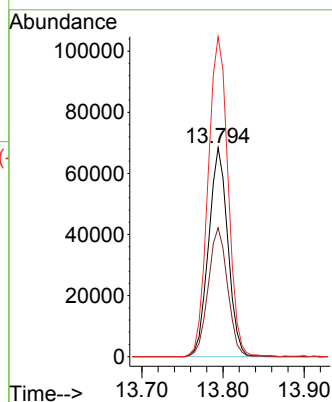
Tgt Ion:152 Resp: 112635

Ion Ratio Lower Upper

152 100

115 62.0 30.4 91.3

150 158.8 0.0 353.2



#76

1,2,3-Trichloropropane

Concen: 27.775 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN082591.D

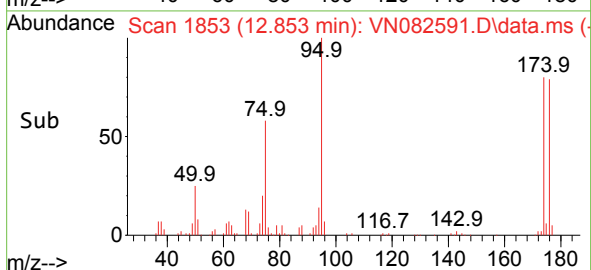
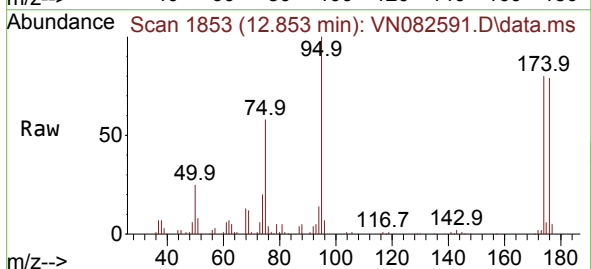
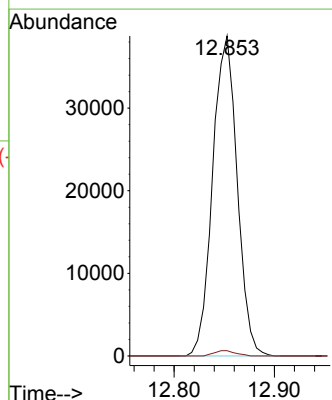
Acq: 14 Jun 2024 18:29

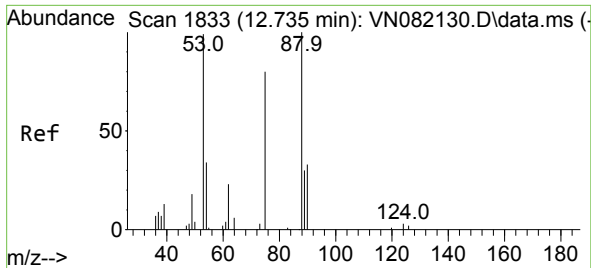
Tgt Ion: 75 Resp: 65846

Ion Ratio Lower Upper

75 100

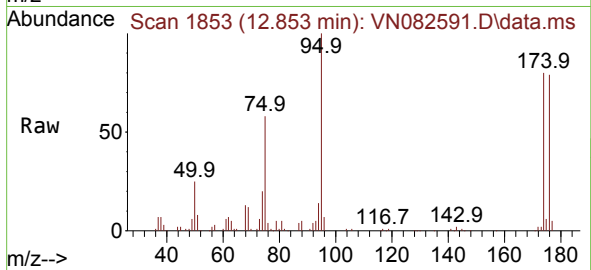
77 1.5 90.5 271.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.964 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN082591.D
 Acq: 14 Jun 2024 18:29

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 65846
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.9 109.3#
 89 0.0 39.1 58.7#

