

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040124\
 Data File : VN081641.D
 Acq On : 01 Apr 2024 11:58
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Apr 02 01:12:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

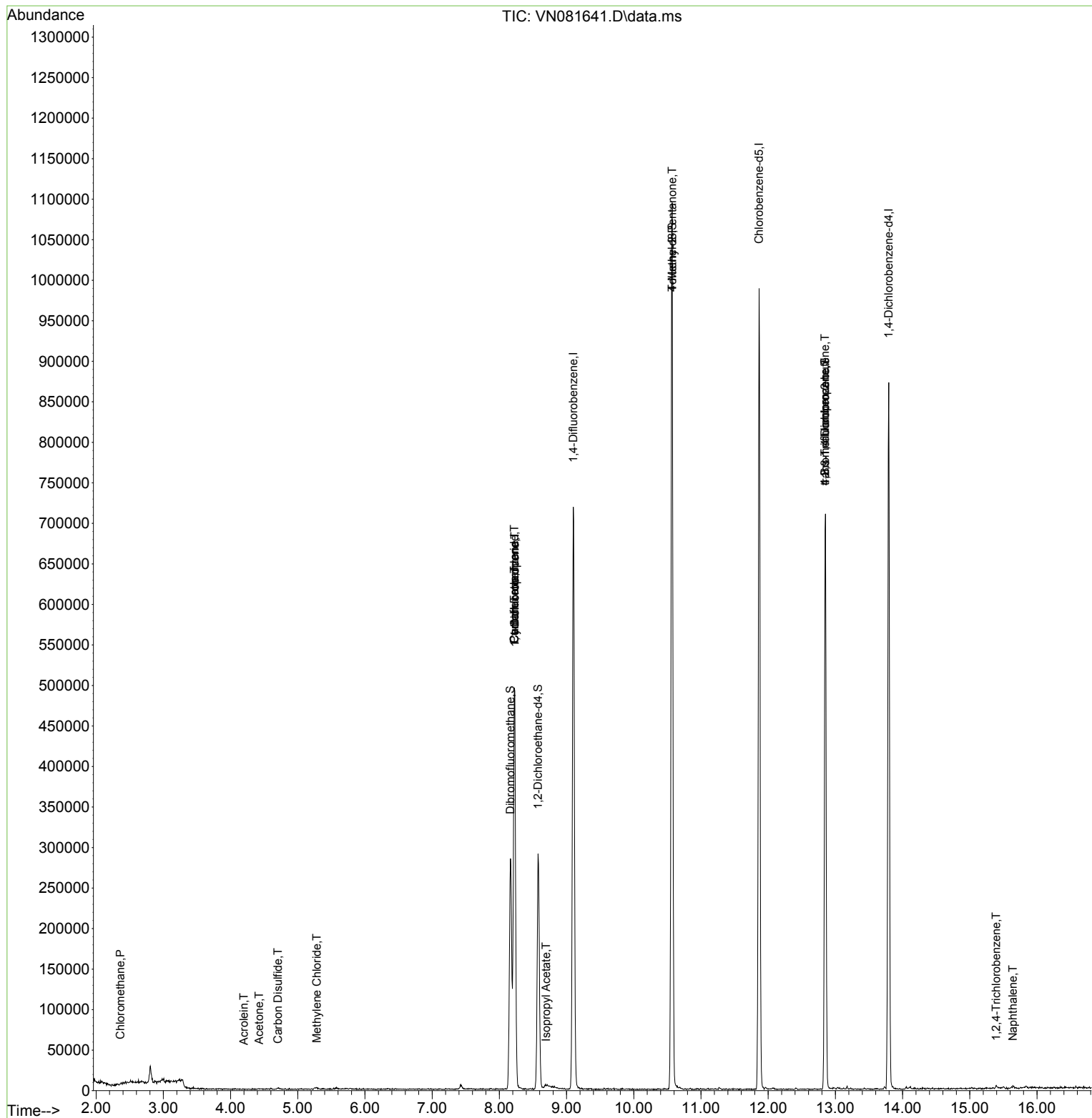
Internal Standards						
1) Pentafluorobenzene	8.224	168	358469	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	636512	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	581543	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	234810	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	233986	51.184	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	= 102.360%		
35) Dibromofluoromethane	8.165	113	207057	51.545	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 103.080%		
50) Toluene-d8	10.571	98	765871	52.742	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	= 105.480%		
62) 4-Bromofluorobenzene	12.847	95	247276	48.327	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery	= 96.660%		
Target Compounds						
						Qvalue
3) Chloromethane	2.359	50	1097	0.228	ug/l	96
13) Acrolein	4.200	56	305	0.427	ug/l #	51
16) Acetone	4.424	43	424	0.287	ug/l #	44
17) Carbon Disulfide	4.706	76	2434	0.200	ug/l #	69
20) Methylene Chloride	5.283	84	1003	0.207	ug/l #	67
31) Cyclohexane	8.224	56	7885	1.060	ug/l #	1
36) 1,1-Dichloropropene	8.229	75	29674	4.390	ug/l #	52
38) Carbon Tetrachloride	8.224	117	42204	5.699	ug/l #	20
43) Isopropyl Acetate	8.694	43	2666	0.278	ug/l #	67
51) 4-Methyl-2-Pentanone	10.571	43	3531	0.603	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	129615	23.076	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	129615	62.360	ug/l #	14
93) 1,2,4-Trichlorobenzene	15.394	180	1055	0.209	ug/l	75
95) Naphthalene	15.641	128	3615	0.221	ug/l #	80

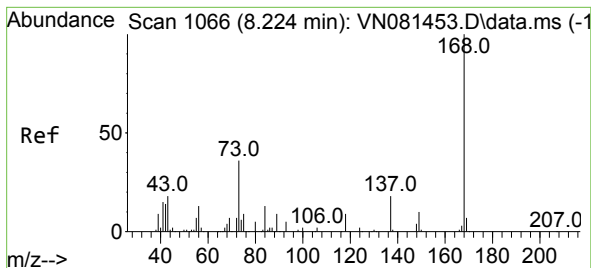
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040124\
Data File : VN081641.D
Acq On : 01 Apr 2024 11:58
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Quant Time: Apr 02 01:12:42 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 19 06:00:00 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081641.D

Acq: 01 Apr 2024 11:58

Instrument :

MSVOA_N

ClientSampleId :

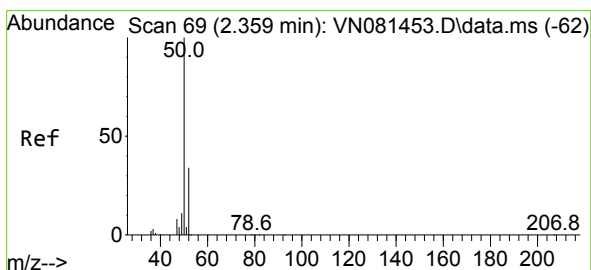
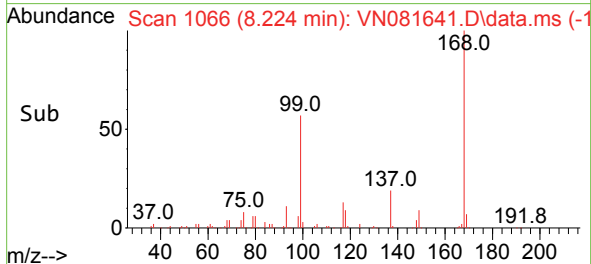
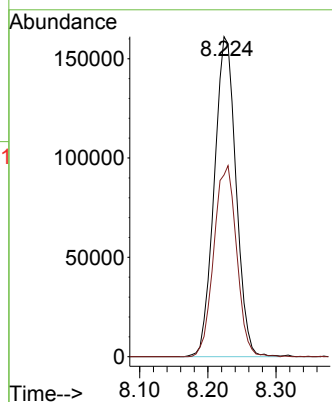
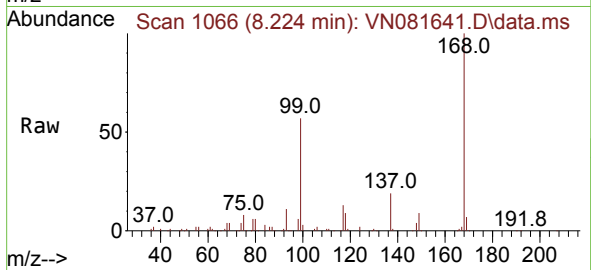
IBLK

Tgt Ion:168 Resp: 358469

Ion Ratio Lower Upper

168 100

99 56.8 59.9 89.9#



#3

Chloromethane

Concen: 0.228 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN081641.D

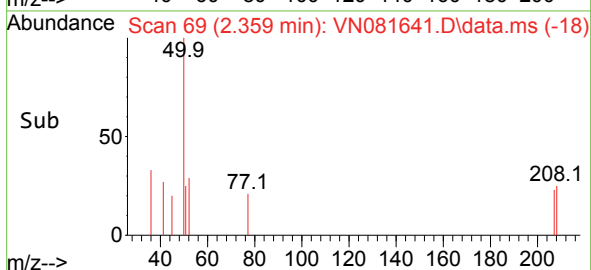
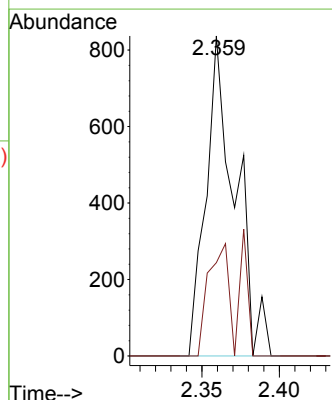
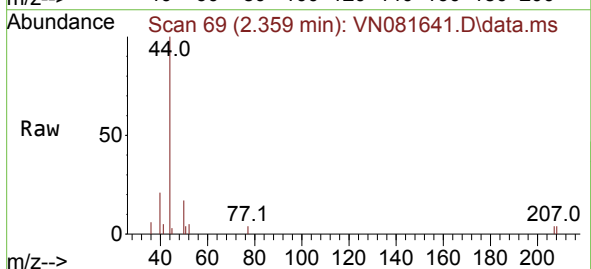
Acq: 01 Apr 2024 11:58

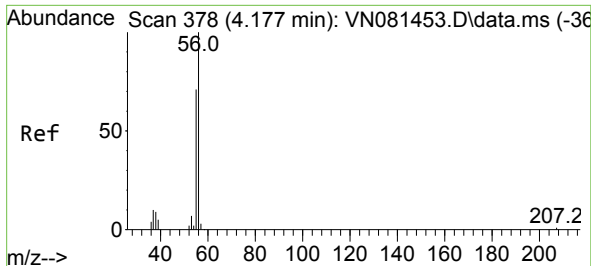
Tgt Ion: 50 Resp: 1097

Ion Ratio Lower Upper

50 100

52 29.2 25.0 37.4





#13

Acrolein

Concen: 0.427 ug/l

RT: 4.200 min Scan# 30

Delta R.T. 0.024 min

Lab File: VN081641.D

Acq: 01 Apr 2024 11:58

Instrument :

MSVOA_N

ClientSampleId :

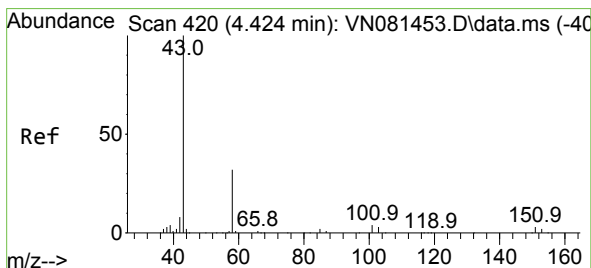
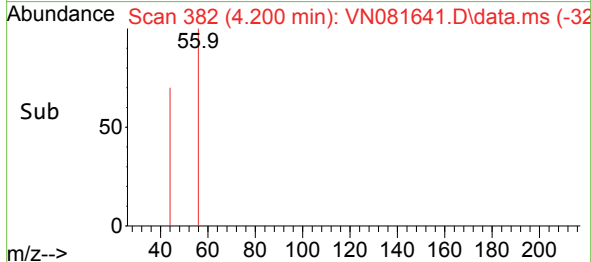
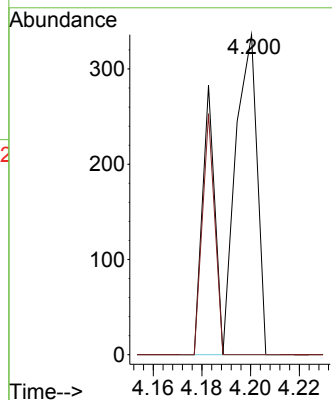
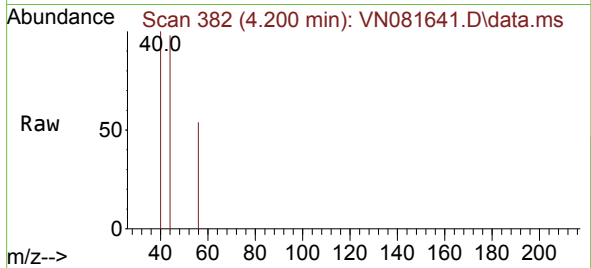
IBLK

Tgt Ion: 56 Resp: 305

Ion Ratio Lower Upper

56 100

55 29.2 55.3 82.9#



#16

Acetone

Concen: 0.287 ug/l

RT: 4.424 min Scan# 420

Delta R.T. 0.000 min

Lab File: VN081641.D

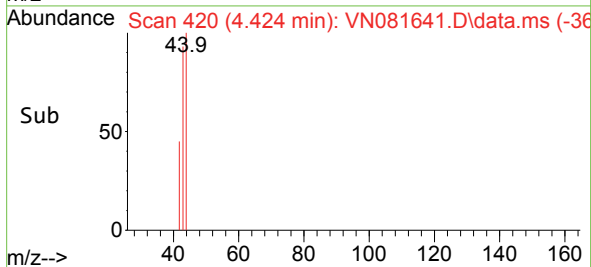
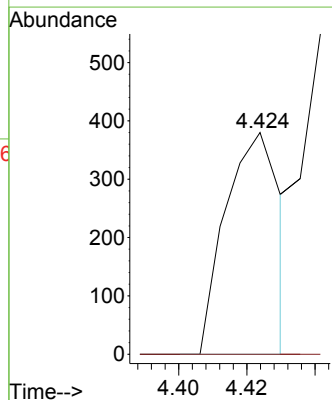
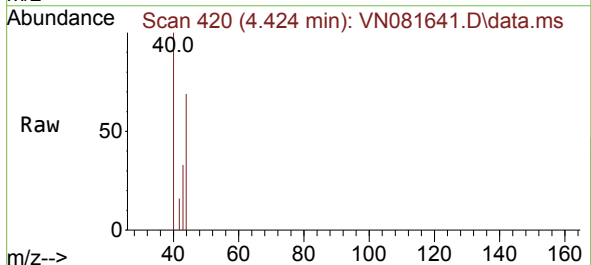
Acq: 01 Apr 2024 11:58

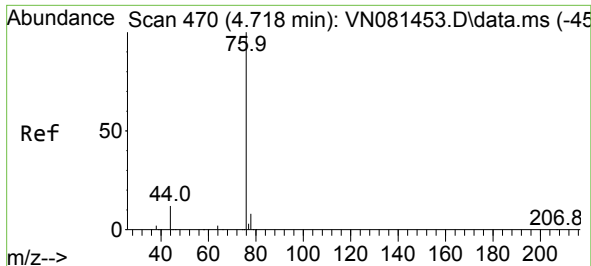
Tgt Ion: 43 Resp: 424

Ion Ratio Lower Upper

43 100

58 0.0 24.8 37.2#





#17

Carbon Disulfide

Concen: 0.200 ug/l

RT: 4.706 min Scan# 4

Delta R.T. -0.012 min

Lab File: VN081641.D

Acq: 01 Apr 2024 11:58

Instrument :

MSVOA_N

ClientSampleId :

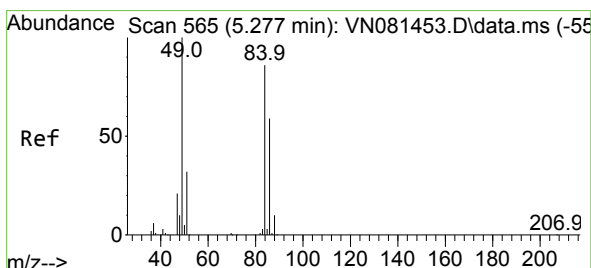
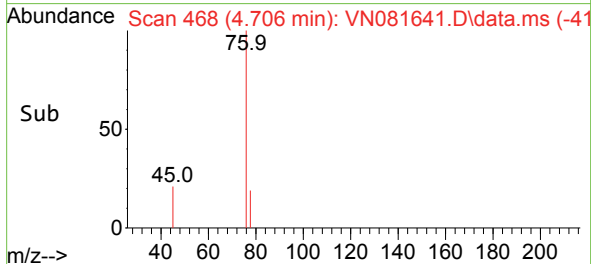
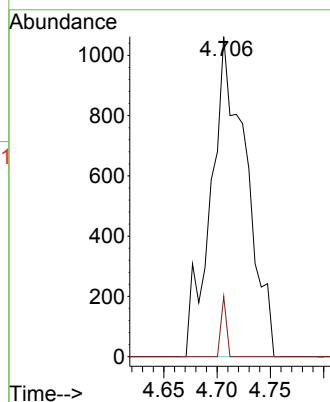
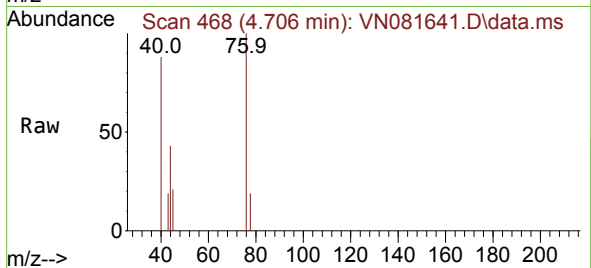
IBLK

Tgt Ion: 76 Resp: 2434

Ion Ratio Lower Upper

76 100

78 18.8 6.3 9.5#



#20

Methylene Chloride

Concen: 0.207 ug/l

RT: 5.283 min Scan# 566

Delta R.T. 0.006 min

Lab File: VN081641.D

Acq: 01 Apr 2024 11:58

Tgt Ion: 84 Resp: 1003

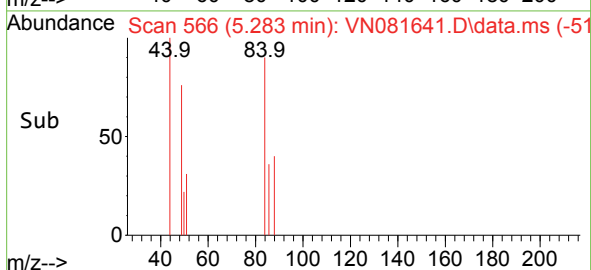
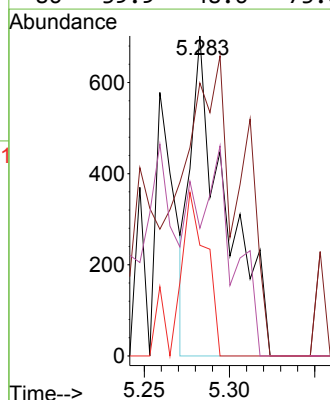
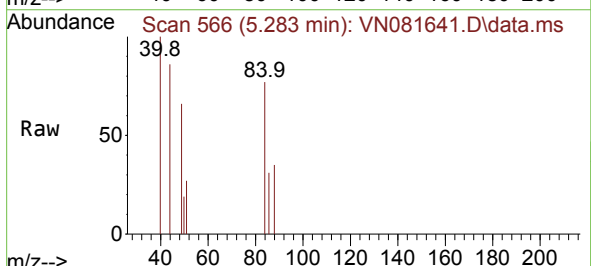
Ion Ratio Lower Upper

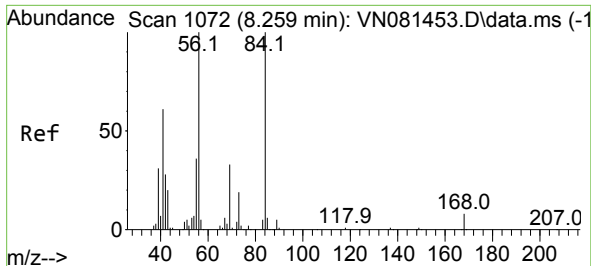
84 100

49 85.3 108.1 162.1#

51 34.6 32.9 49.3

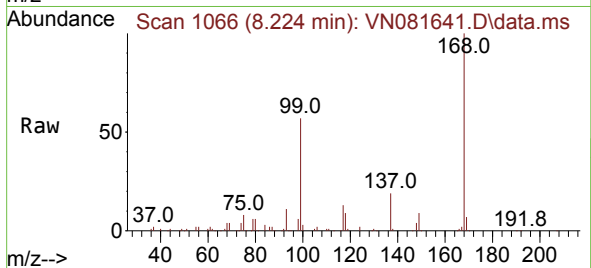
86 39.9 48.6 73.0#



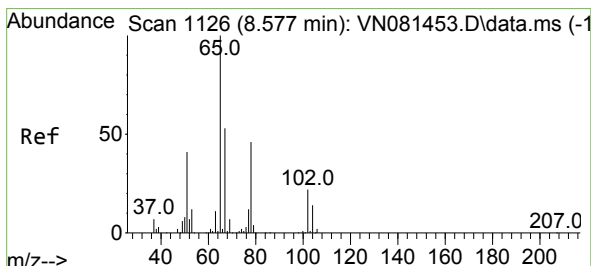
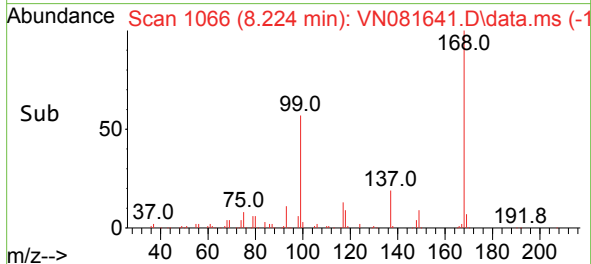
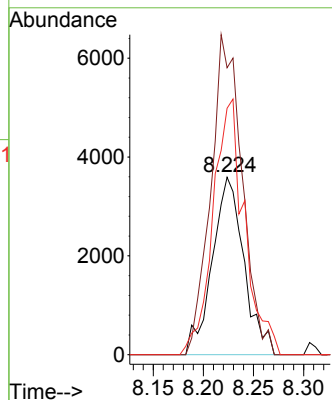


#31
Cyclohexane
Concen: 1.060 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN081641.D
Acq: 01 Apr 2024 11:58

Instrument :
MSVOA_N
ClientSampleId :
IBLK

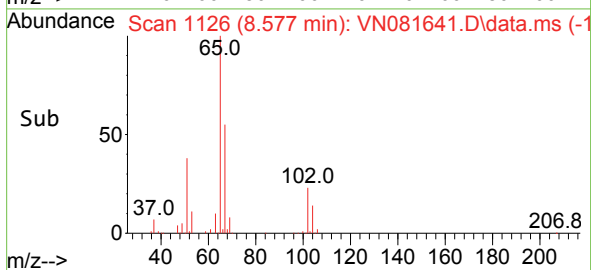
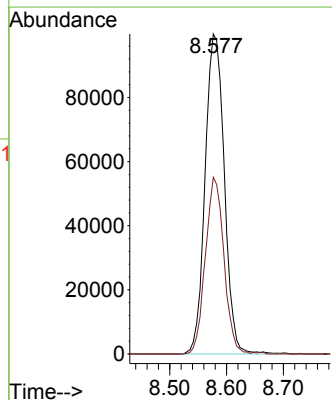
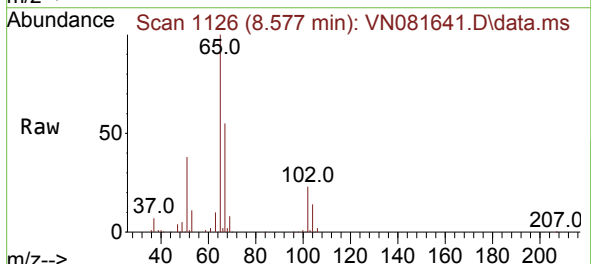


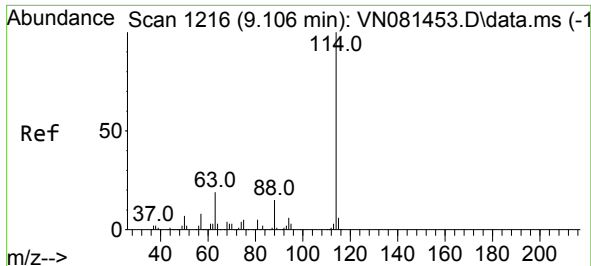
Tgt Ion: 56 Resp: 7885
Ion Ratio Lower Upper
56 100
69 161.7 20.1 30.1#
84 138.9 56.9 85.3#



#33
1,2-Dichloroethane-d4
Concen: 51.184 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081641.D
Acq: 01 Apr 2024 11:58

Tgt Ion: 65 Resp: 233986
Ion Ratio Lower Upper
65 100
67 53.2 0.0 102.4

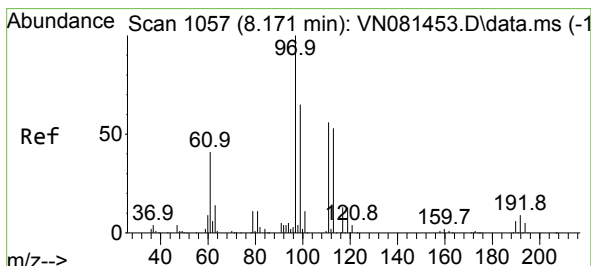
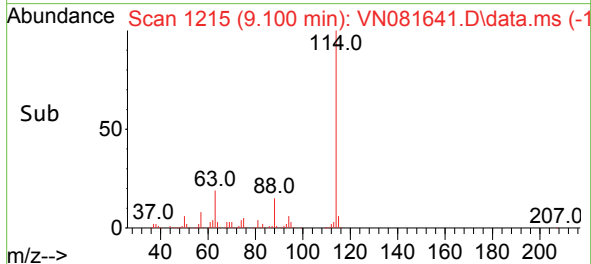
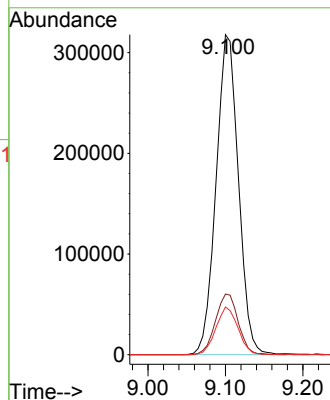
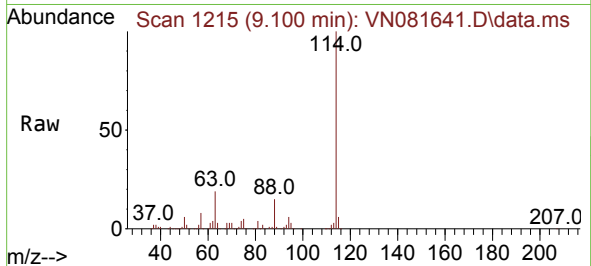




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN081641.D
Acq: 01 Apr 2024 11:58

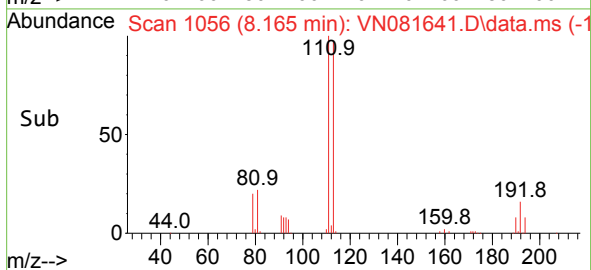
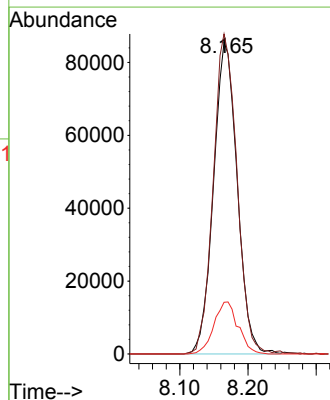
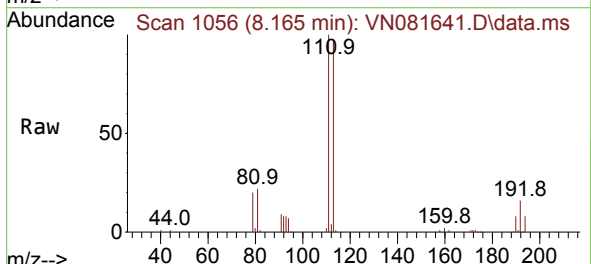
Instrument :
MSVOA_N
ClientSampleId :
IBLK

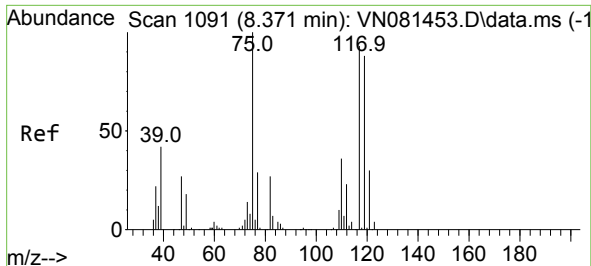
Tgt Ion:114 Resp: 636512
Ion Ratio Lower Upper
114 100
63 18.9 0.0 48.0
88 14.9 0.0 34.8



#35
Dibromofluoromethane
Concen: 51.545 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081641.D
Acq: 01 Apr 2024 11:58

Tgt Ion:113 Resp: 207057
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.4
192 17.1 12.5 18.7

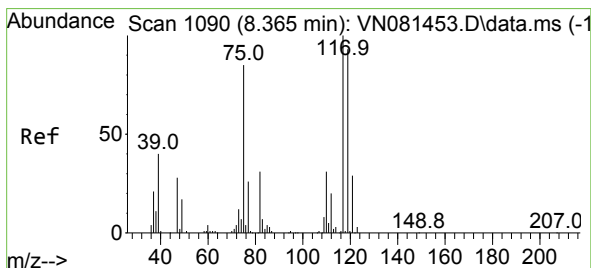
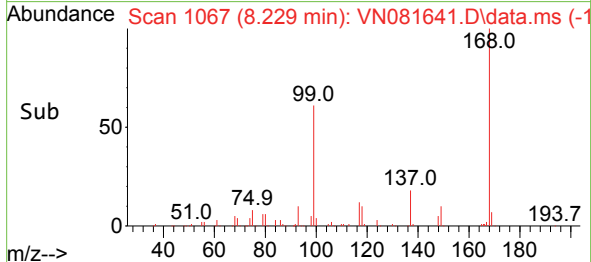
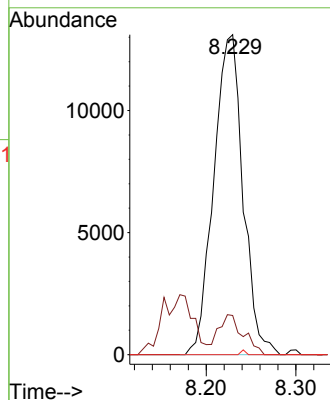
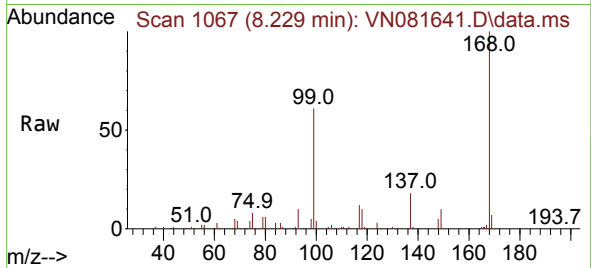




#36
1,1-Dichloropropene
Concen: 4.390 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN081641.D
Acq: 01 Apr 2024 11:58

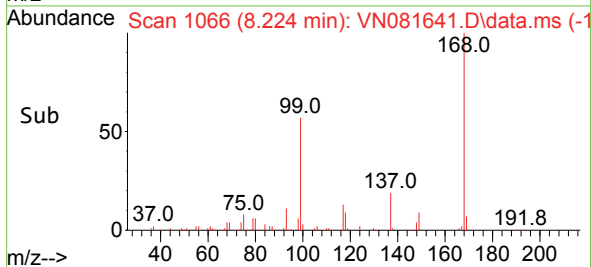
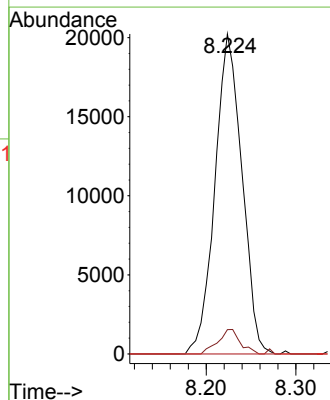
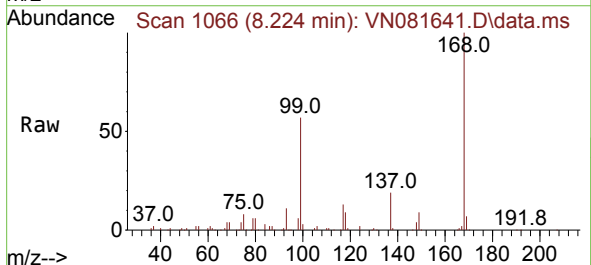
Instrument :
MSVOA_N
ClientSampleId :
IBLK

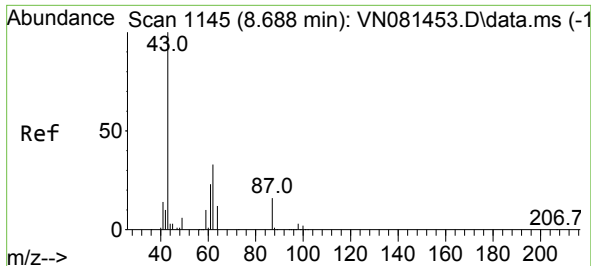
Tgt Ion: 75 Resp: 29674
Ion Ratio Lower Upper
75 100
110 10.8 16.0 48.0#
77 0.2 25.8 38.6#



#38
Carbon Tetrachloride
Concen: 5.699 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN081641.D
Acq: 01 Apr 2024 11:58

Tgt Ion: 117 Resp: 42204
Ion Ratio Lower Upper
117 100
119 7.6 73.4 110.2#
121 0.0 24.4 36.6#

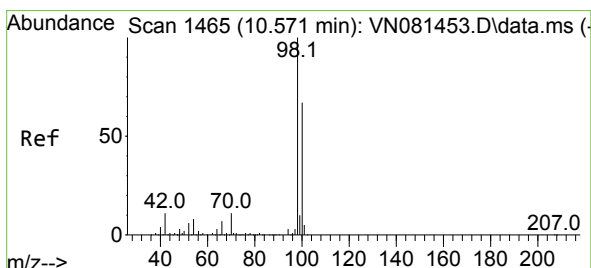
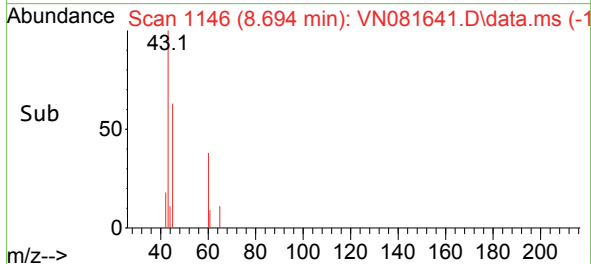
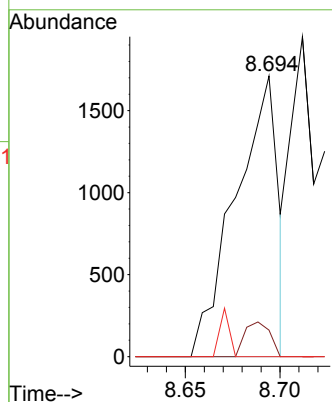
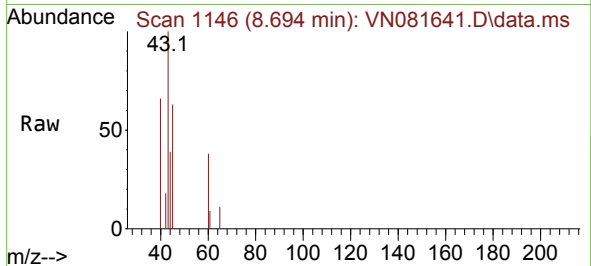




#43
Isopropyl Acetate
Concen: 0.278 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN081641.D
Acq: 01 Apr 2024 11:58

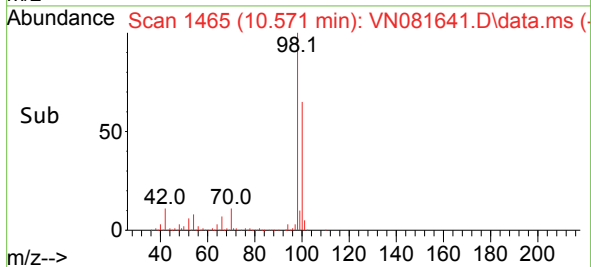
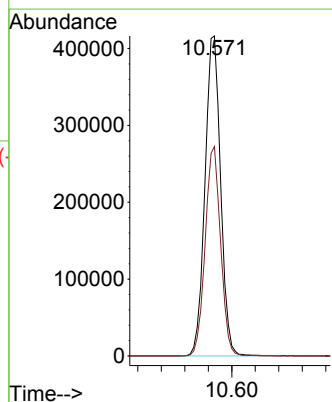
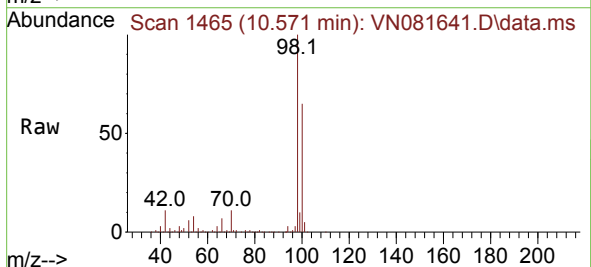
Instrument :
MSVOA_N
ClientSampleId :
IBLK

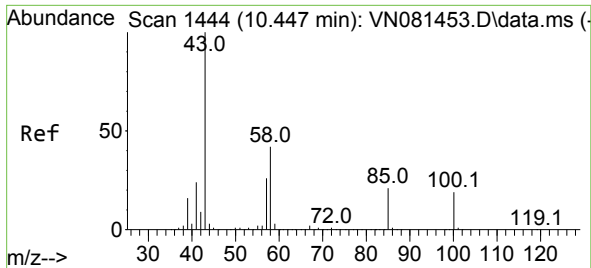
Tgt Ion: 43 Resp: 2666
Ion Ratio Lower Upper
43 100
61 7.3 19.9 29.9#
87 0.0 9.0 13.6#



#50
Toluene-d8
Concen: 52.742 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081641.D
Acq: 01 Apr 2024 11:58

Tgt Ion: 98 Resp: 765871
Ion Ratio Lower Upper
98 100
100 64.6 51.4 77.0





#51

4-Methyl-2-Pentanone

Concen: 0.603 ug/l

RT: 10.571 min Scan# 1444

Delta R.T. 0.124 min

Lab File: VN081641.D

Acq: 01 Apr 2024 11:58

Instrument :

MSVOA_N

ClientSampleId :

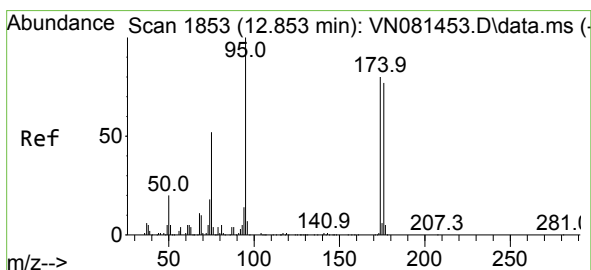
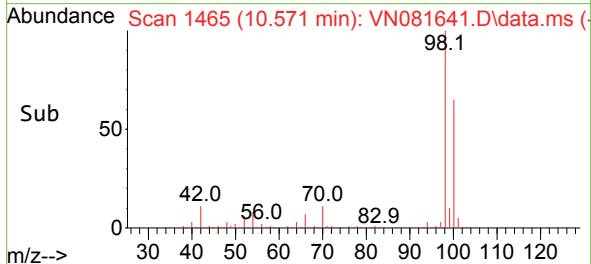
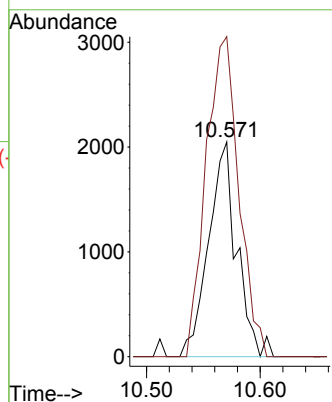
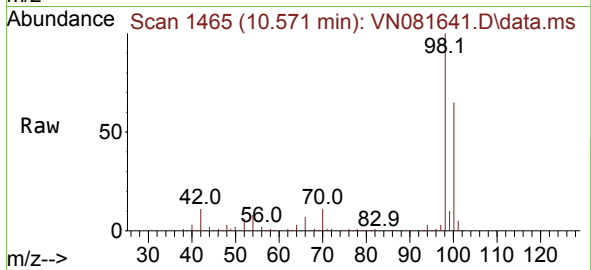
IBLK

Tgt Ion: 43 Resp: 3531

Ion Ratio Lower Upper

43 100

58 173.1 29.4 44.0#



#62

4-Bromofluorobenzene

Concen: 48.327 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.006 min

Lab File: VN081641.D

Acq: 01 Apr 2024 11:58

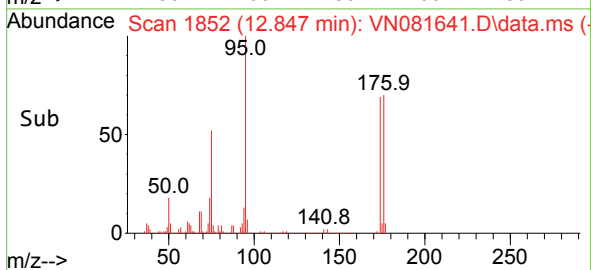
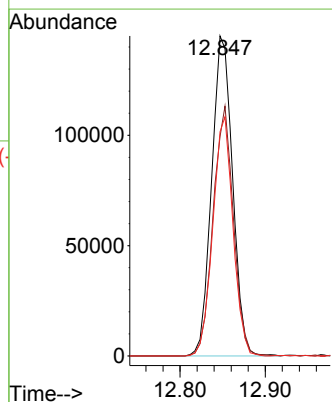
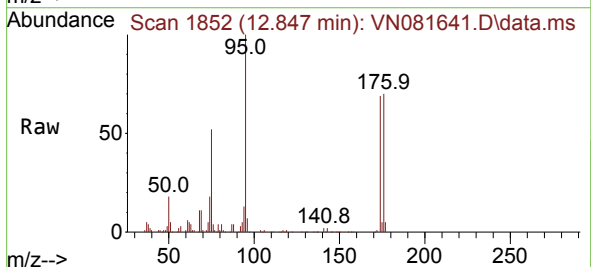
Tgt Ion: 95 Resp: 247276

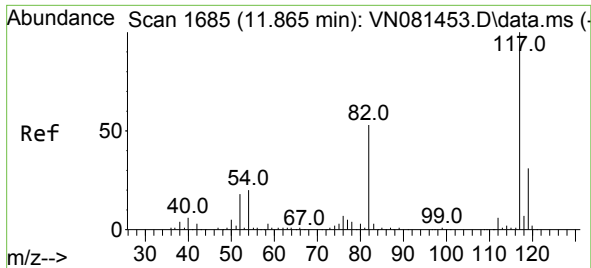
Ion Ratio Lower Upper

95 100

174 76.2 0.0 120.4

176 72.0 0.0 121.0

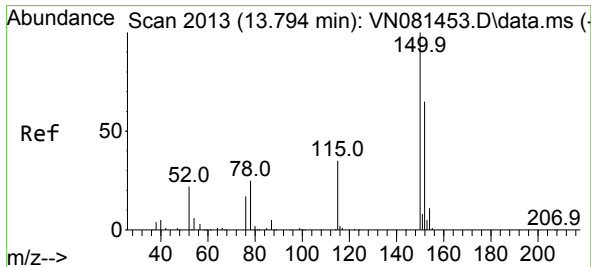
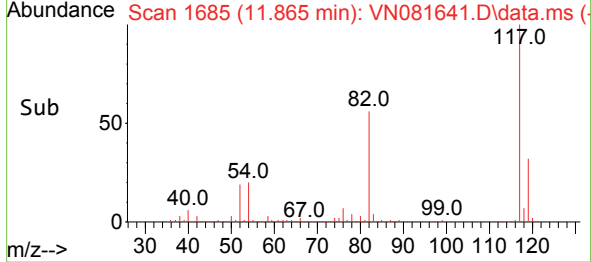
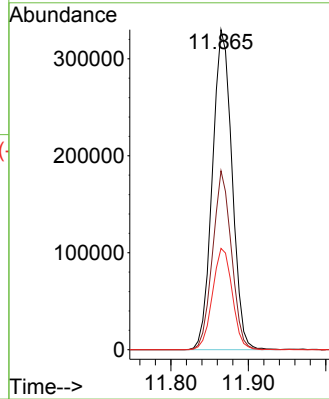
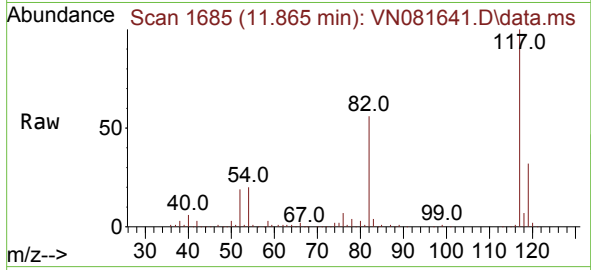




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081641.D
Acq: 01 Apr 2024 11:58

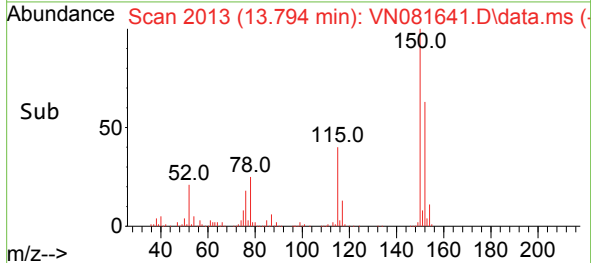
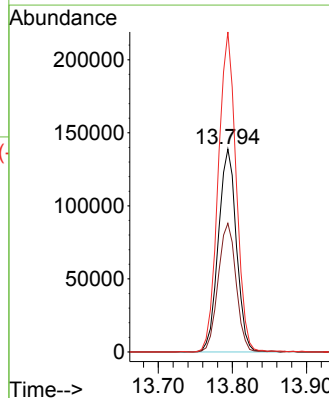
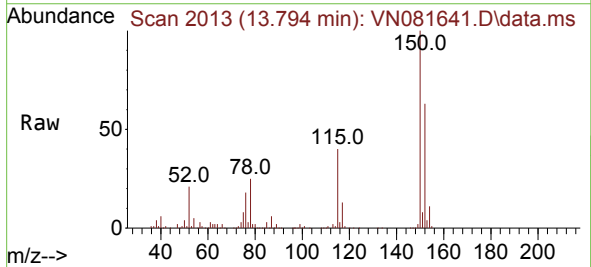
Instrument :
MSVOA_N
ClientSampleId :
IBLK

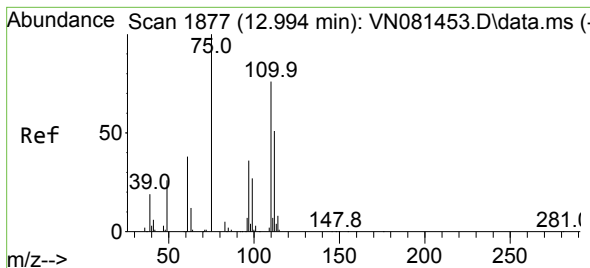
Tgt Ion:117 Resp: 581543
Ion Ratio Lower Upper
117 100
82 55.9 52.7 79.1
119 31.6 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081641.D
Acq: 01 Apr 2024 11:58

Tgt Ion:152 Resp: 234810
Ion Ratio Lower Upper
152 100
115 62.9 32.3 96.8
150 156.7 0.0 339.8





#76

1,2,3-Trichloropropane

Concen: 23.076 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN081641.D

Acq: 01 Apr 2024 11:58

Instrument :

MSVOA_N

ClientSampleId :

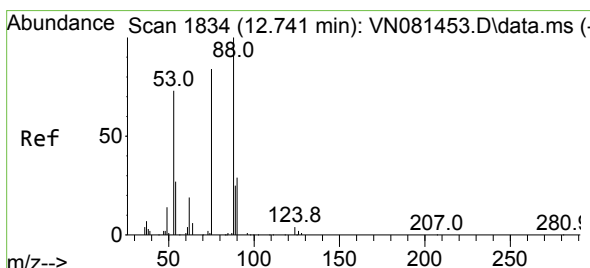
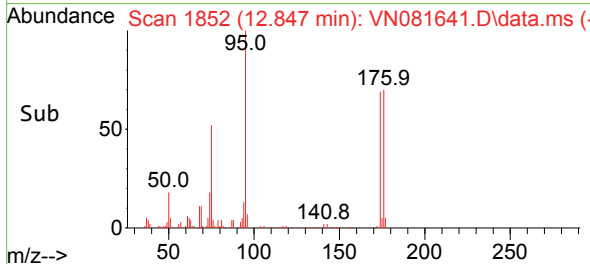
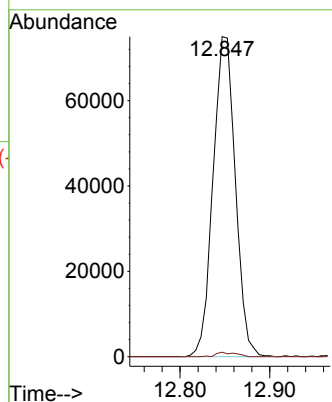
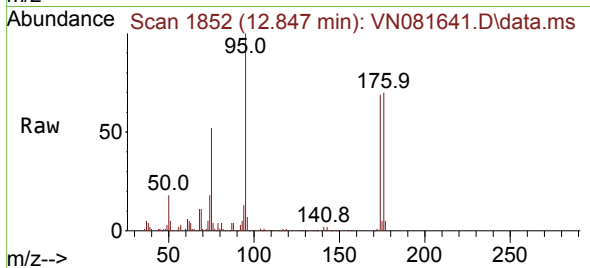
IBLK

Tgt Ion: 75 Resp: 129615

Ion Ratio Lower Upper

75 100

77 1.2 91.0 272.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 62.360 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.106 min

Lab File: VN081641.D

Acq: 01 Apr 2024 11:58

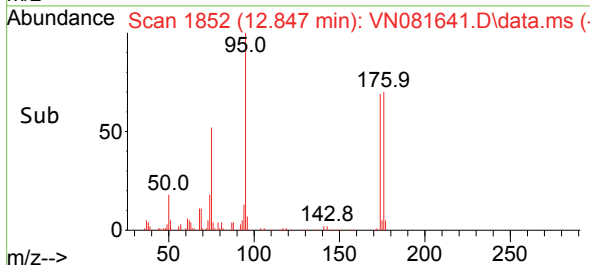
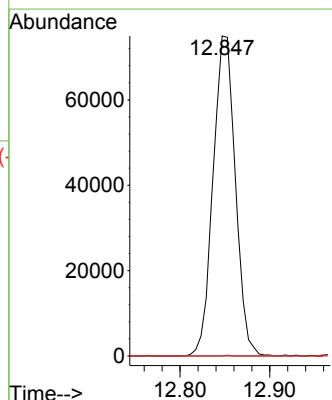
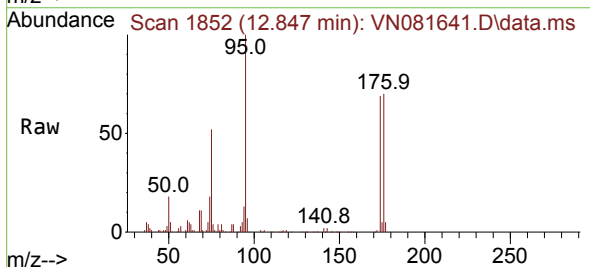
Tgt Ion: 75 Resp: 129615

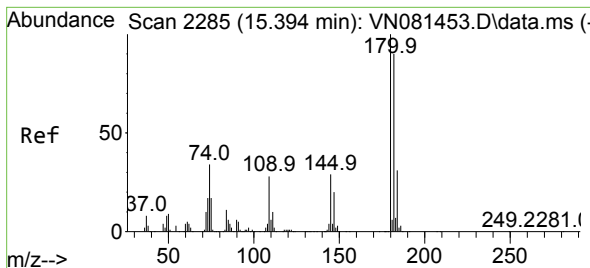
Ion Ratio Lower Upper

75 100

53 0.0 71.4 107.2#

89 0.0 33.4 50.0#





#93

1,2,4-Trichlorobenzene

Concen: 0.209 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN081641.D

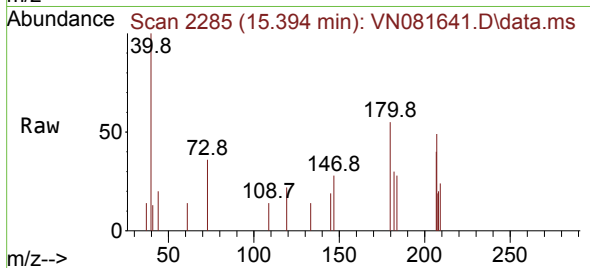
Acq: 01 Apr 2024 11:58

Instrument :

MSVOA_N

ClientSampleId :

IBLK



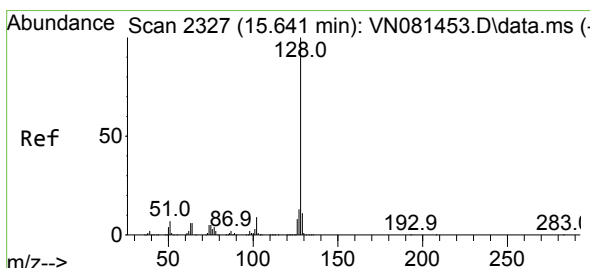
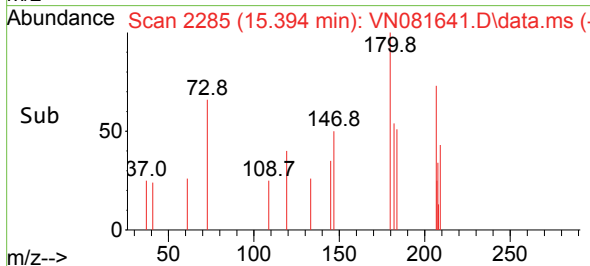
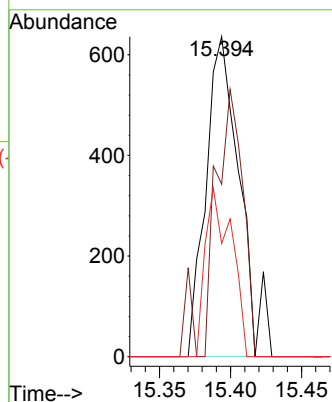
Tgt Ion:180 Resp: 1055

Ion Ratio Lower Upper

180 100

182 64.9 46.6 139.7

145 40.9 16.8 50.3



#95

Naphthalene

Concen: 0.221 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN081641.D

Acq: 01 Apr 2024 11:58

Tgt Ion:128 Resp: 3615

Ion Ratio Lower Upper

128 100

127 5.7 10.0 15.0#

129 2.1 8.7 13.1#

