

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032524\
 Data File : VN081563.D
 Acq On : 25 Mar 2024 15:41
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Mar 26 01:20:32 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)

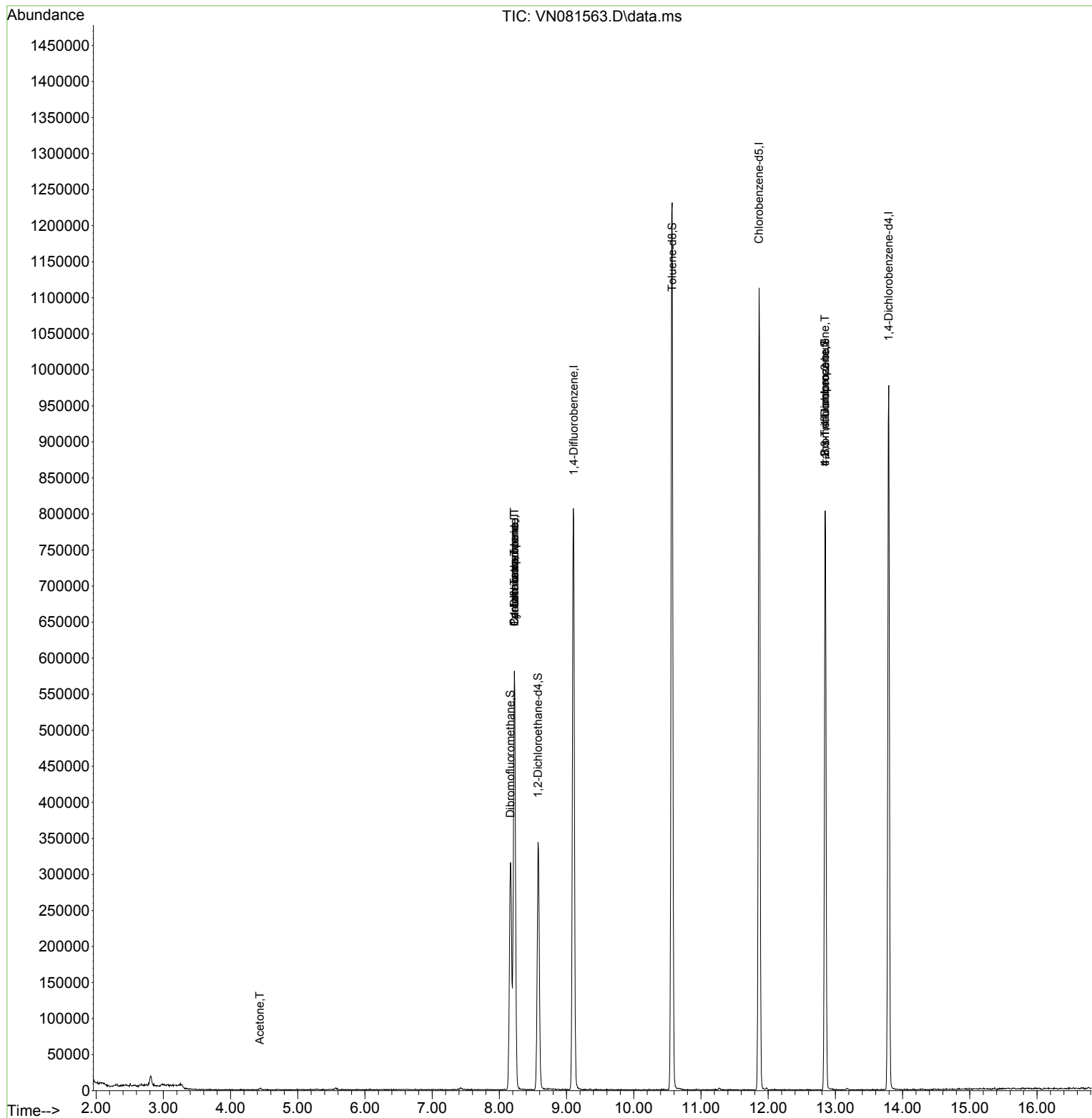
Internal Standards						
1) Pentafluorobenzene	8.224	168	408782	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	736956	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	653009	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	268049	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	270246	51.840	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 103.680%		
35) Dibromofluoromethane	8.165	113	229315	49.305	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 98.620%		
50) Toluene-d8	10.571	98	874865	52.036	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 104.080%		
62) 4-Bromofluorobenzene	12.847	95	272902	46.066	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	= 92.140%		
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	2396	1.422	ug/l #	83
31) Cyclohexane	8.224	56	9581	1.129	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	35001	4.472	ug/l #	50
38) Carbon Tetrachloride	8.224	117	44770	5.222	ug/l #	19
76) 1,2,3-Trichloropropane	12.847	75	145141	22.636	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	145141	61.171	ug/l #	14

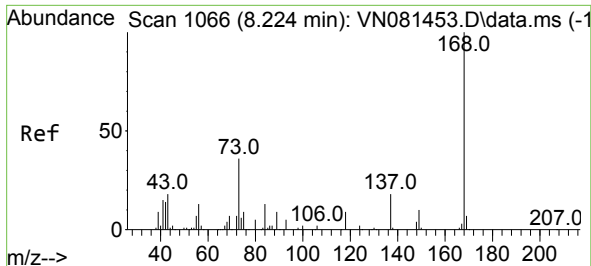
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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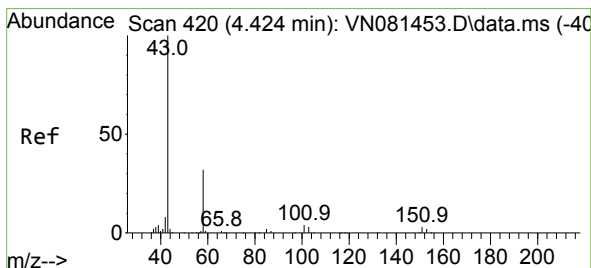
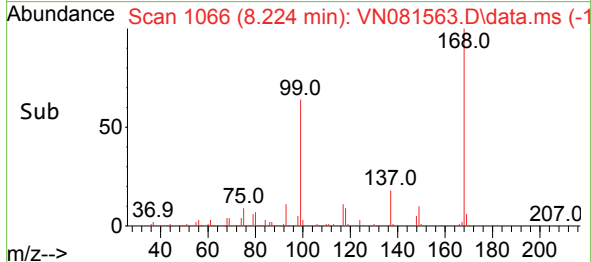
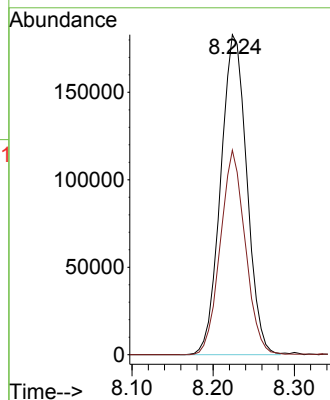
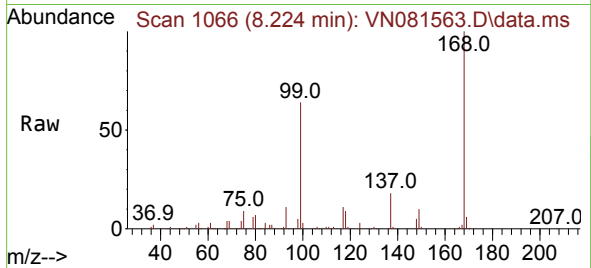




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081563.D
Acq: 25 Mar 2024 15:41

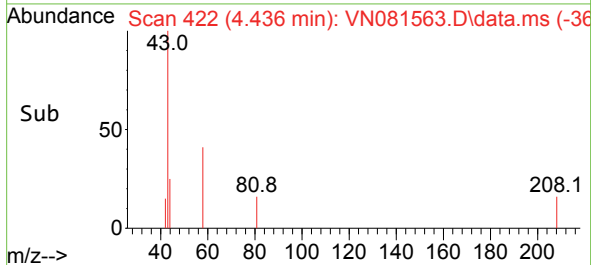
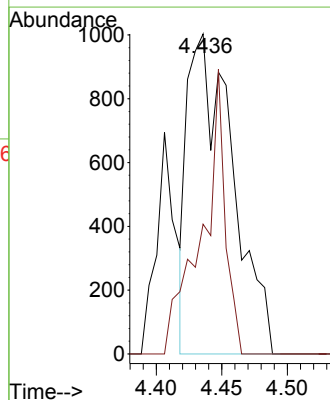
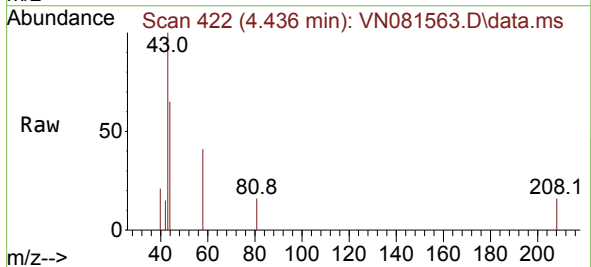
Instrument :
MSVOA_N
ClientSampleId :
IBLK

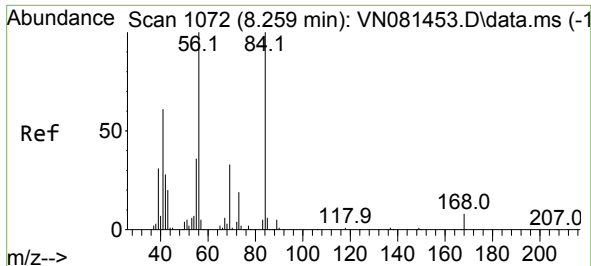
Tgt Ion:168 Resp: 408782
Ion Ratio Lower Upper
168 100
99 63.9 59.9 89.9



#16
Acetone
Concen: 1.422 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN081563.D
Acq: 25 Mar 2024 15:41

Tgt Ion: 43 Resp: 2396
Ion Ratio Lower Upper
43 100
58 40.6 24.8 37.2#

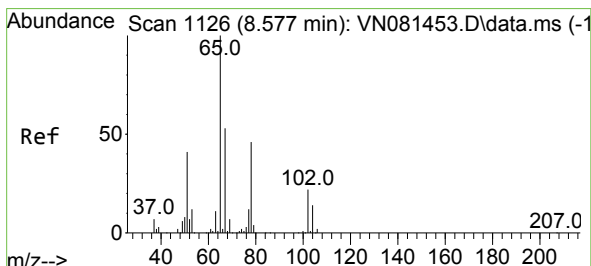
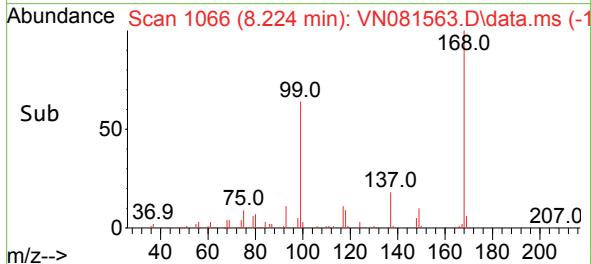
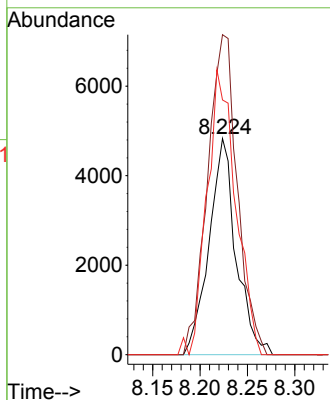
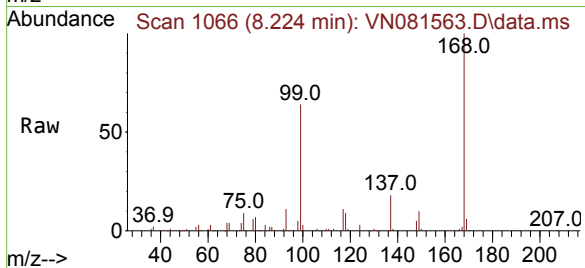




#31
Cyclohexane
Concen: 1.129 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN081563.D
Acq: 25 Mar 2024 15:41

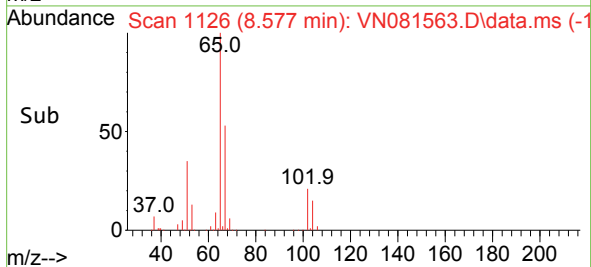
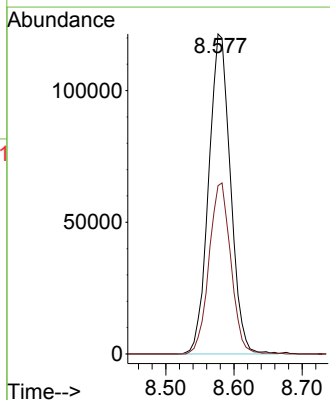
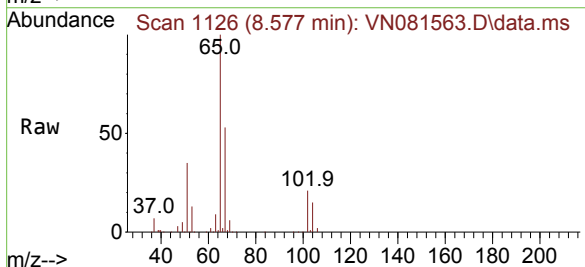
Instrument :
MSVOA_N
ClientSampleId :
IBLK

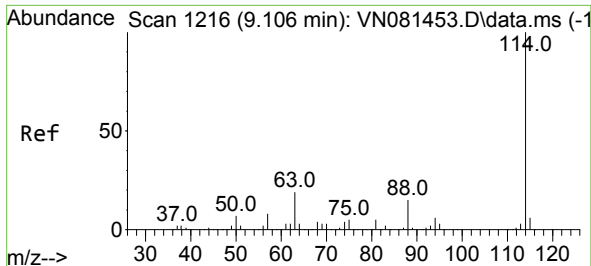
Tgt Ion: 56 Resp: 9581
Ion Ratio Lower Upper
56 100
69 148.0 20.1 30.1#
84 117.8 56.9 85.3#



#33
1,2-Dichloroethane-d4
Concen: 51.840 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081563.D
Acq: 25 Mar 2024 15:41

Tgt Ion: 65 Resp: 270246
Ion Ratio Lower Upper
65 100
67 53.4 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081563.D

Acq: 25 Mar 2024 15:41

Instrument :

MSVOA_N

ClientSampleId :

IBLK

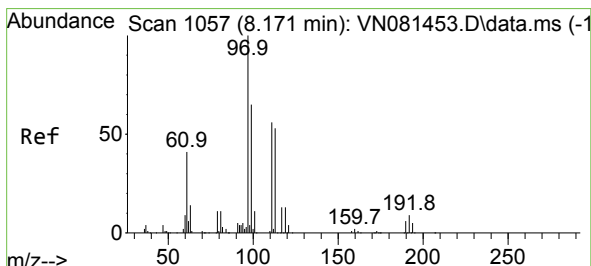
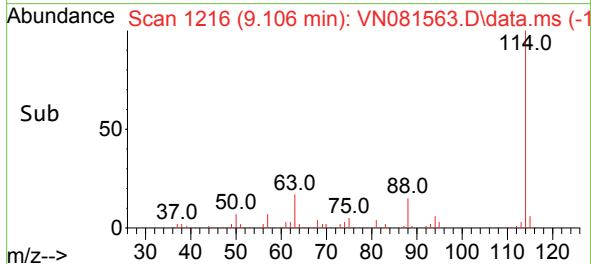
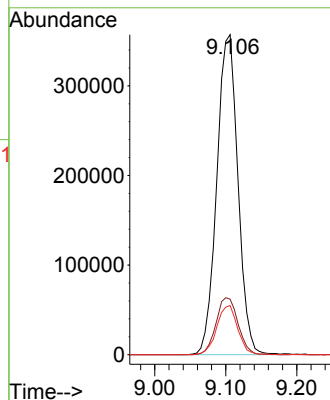
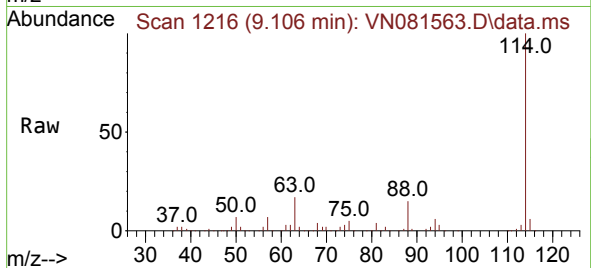
Tgt Ion:114 Resp: 736956

Ion Ratio Lower Upper

114 100

63 17.4 0.0 48.0

88 15.3 0.0 34.8



#35

Dibromofluoromethane

Concen: 49.305 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN081563.D

Acq: 25 Mar 2024 15:41

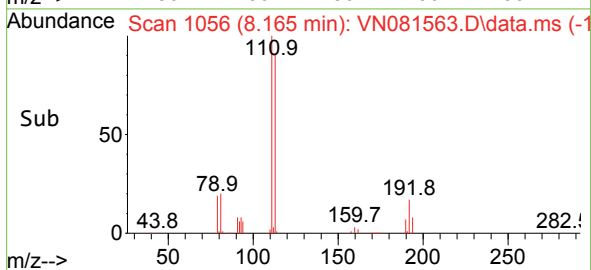
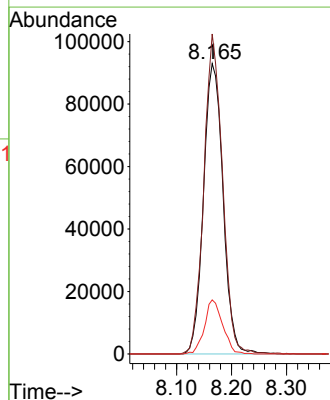
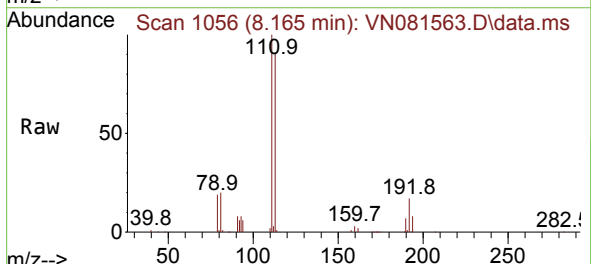
Tgt Ion:113 Resp: 229315

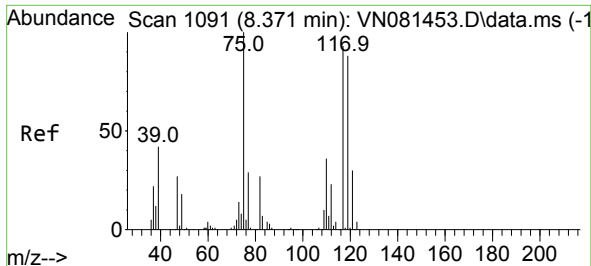
Ion Ratio Lower Upper

113 100

111 105.1 82.2 123.4

192 17.4 12.5 18.7

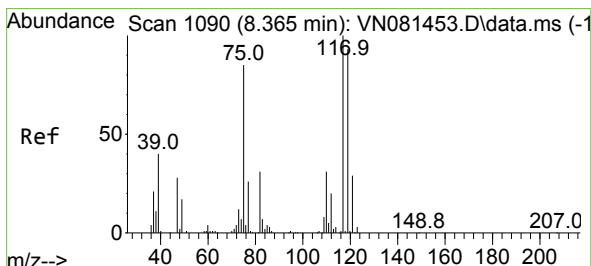
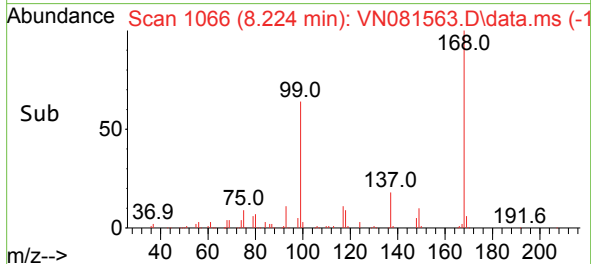
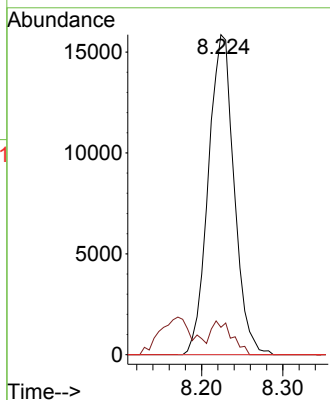
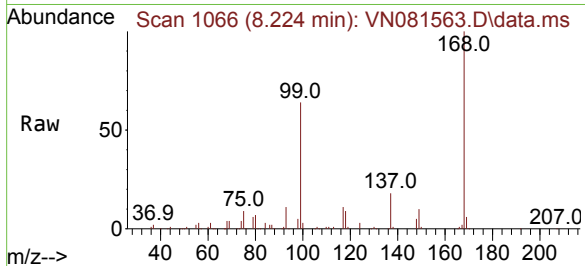




#36
1,1-Dichloropropene
Concen: 4.472 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN081563.D
Acq: 25 Mar 2024 15:41

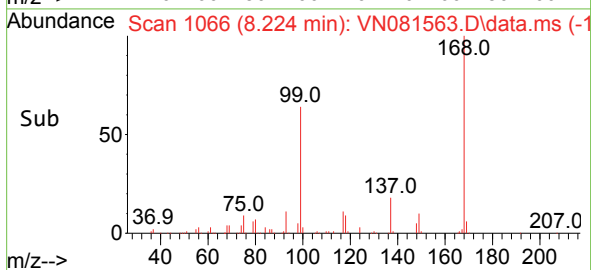
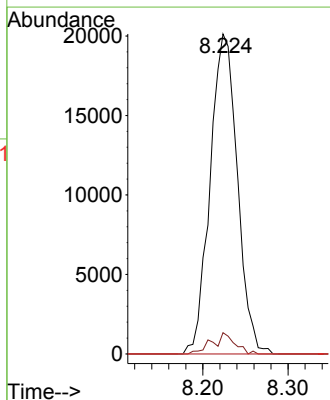
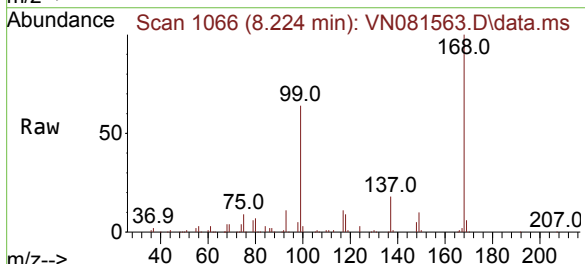
Instrument :
MSVOA_N
ClientSampleId :
IBLK

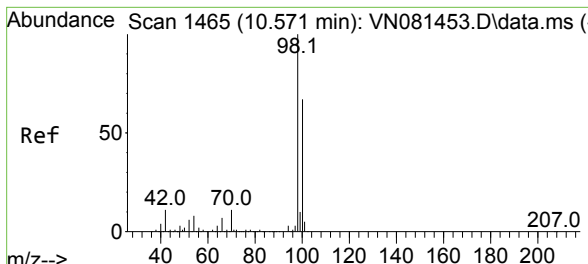
Tgt Ion: 75 Resp: 35001
Ion Ratio Lower Upper
75 100
110 8.4 16.0 48.0#
77 0.0 25.8 38.6#



#38
Carbon Tetrachloride
Concen: 5.222 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN081563.D
Acq: 25 Mar 2024 15:41

Tgt Ion: 117 Resp: 44770
Ion Ratio Lower Upper
117 100
119 6.7 73.4 110.2#
121 0.0 24.4 36.6#

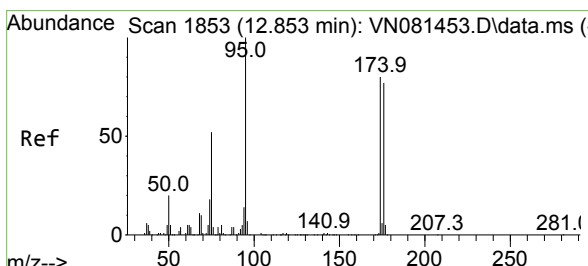
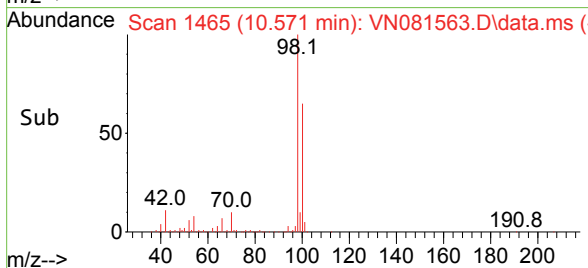
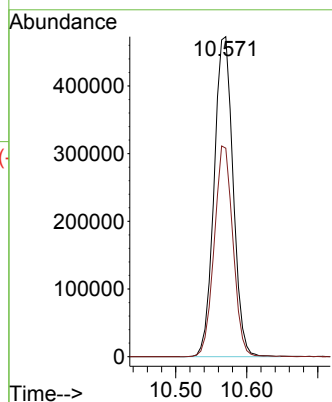
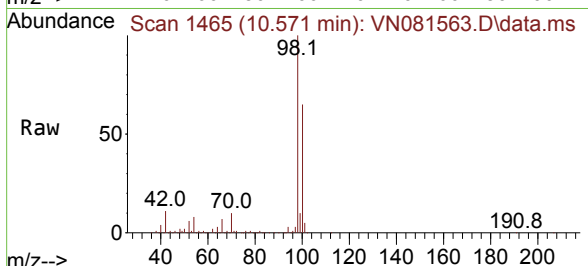




#50
Toluene-d8
Concen: 52.036 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081563.D
Acq: 25 Mar 2024 15:41

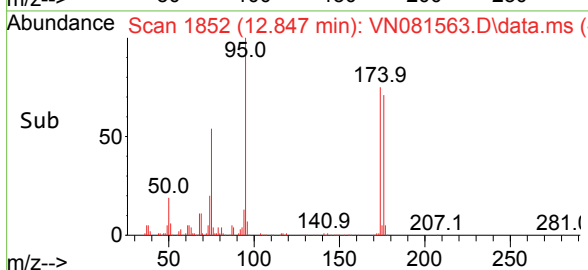
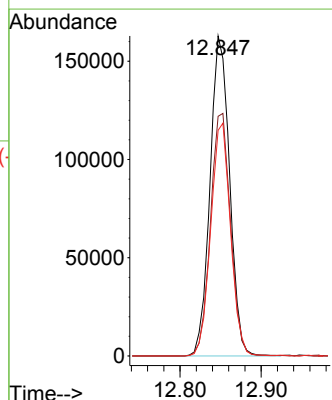
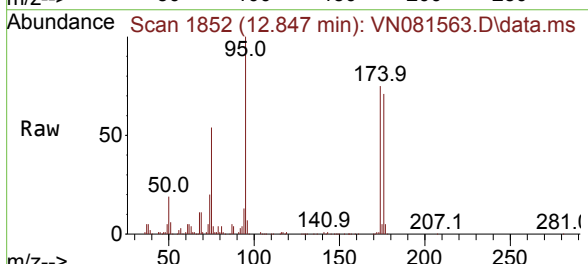
Instrument :
MSVOA_N
ClientSampleId :
IBLK

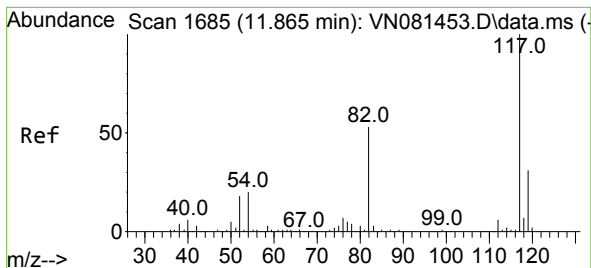
Tgt Ion: 98 Resp: 874865
Ion Ratio Lower Upper
98 100
100 65.0 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 46.066 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081563.D
Acq: 25 Mar 2024 15:41

Tgt Ion: 95 Resp: 272902
Ion Ratio Lower Upper
95 100
174 77.8 0.0 120.4
176 73.4 0.0 121.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081563.D

Acq: 25 Mar 2024 15:41

Instrument :

MSVOA_N

ClientSampleId :

IBLK

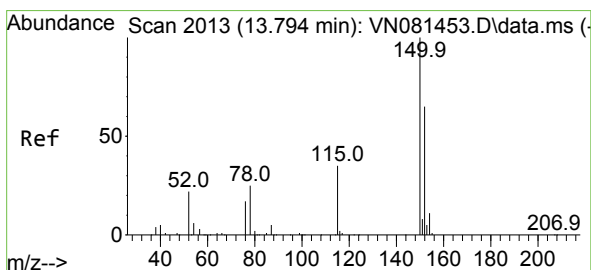
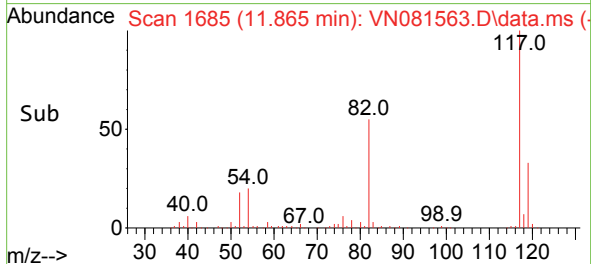
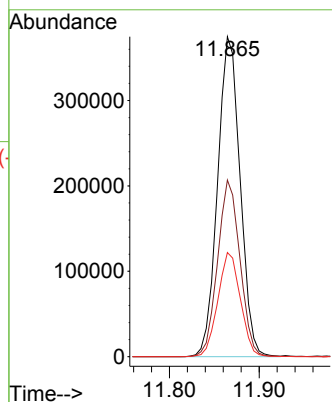
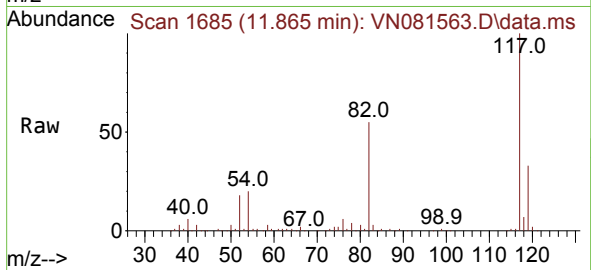
Tgt Ion:117 Resp: 653009

Ion Ratio Lower Upper

117 100

82 55.2 52.7 79.1

119 32.6 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: VN081563.D

Acq: 25 Mar 2024 15:41

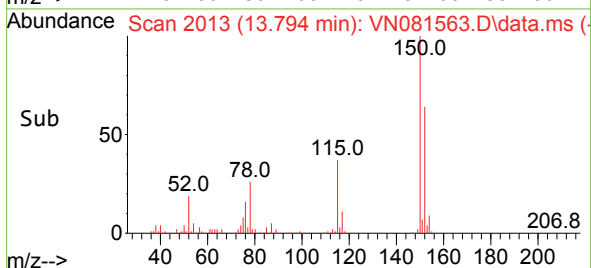
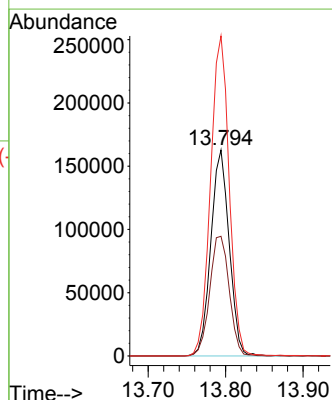
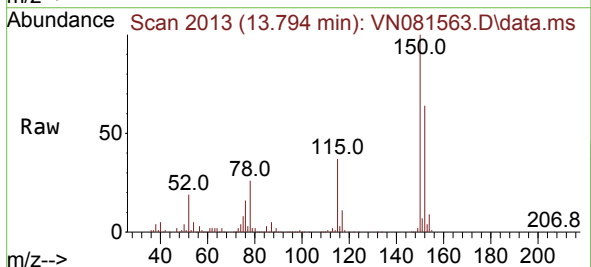
Tgt Ion:152 Resp: 268049

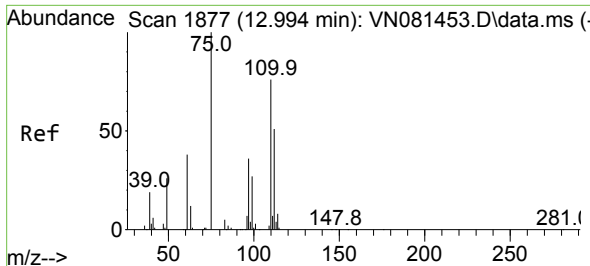
Ion Ratio Lower Upper

152 100

115 61.7 32.3 96.8

150 157.4 0.0 339.8

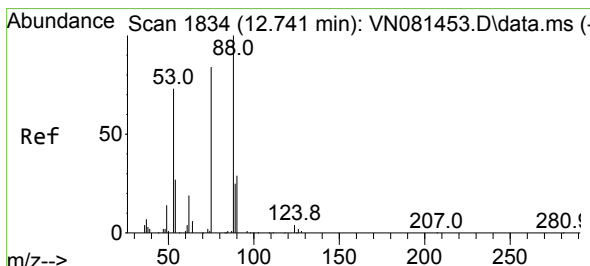
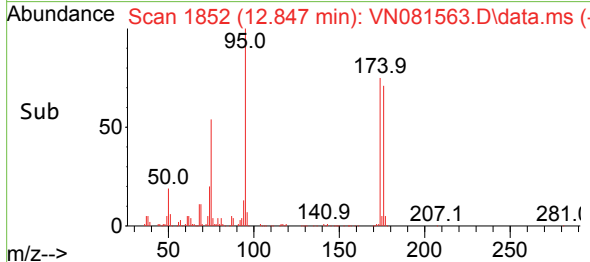
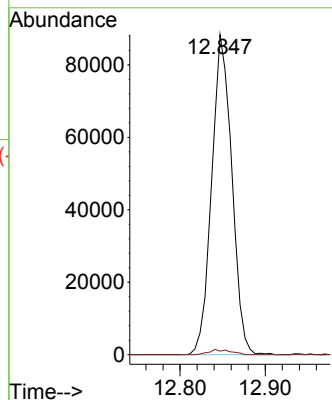
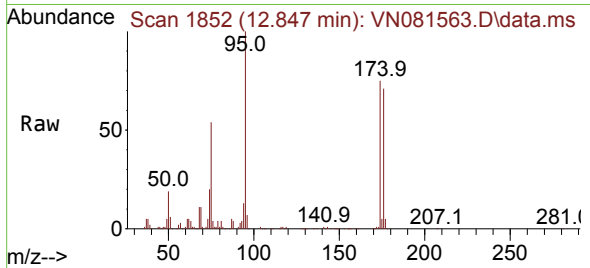




#76
1,2,3-Trichloropropane
Concen: 22.636 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN081563.D
Acq: 25 Mar 2024 15:41

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 145141
Ion Ratio Lower Upper
75 100
77 1.7 91.0 272.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.171 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.106 min
Lab File: VN081563.D
Acq: 25 Mar 2024 15:41

Tgt Ion: 75 Resp: 145141
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.0 33.4 50.0#

