

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040324\
 Data File : VN081660.D
 Acq On : 03 Apr 2024 14:18
 Operator : JC\MD
 Sample : VN0403WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0403WBL01

Quant Time: Apr 04 04:57:44 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)

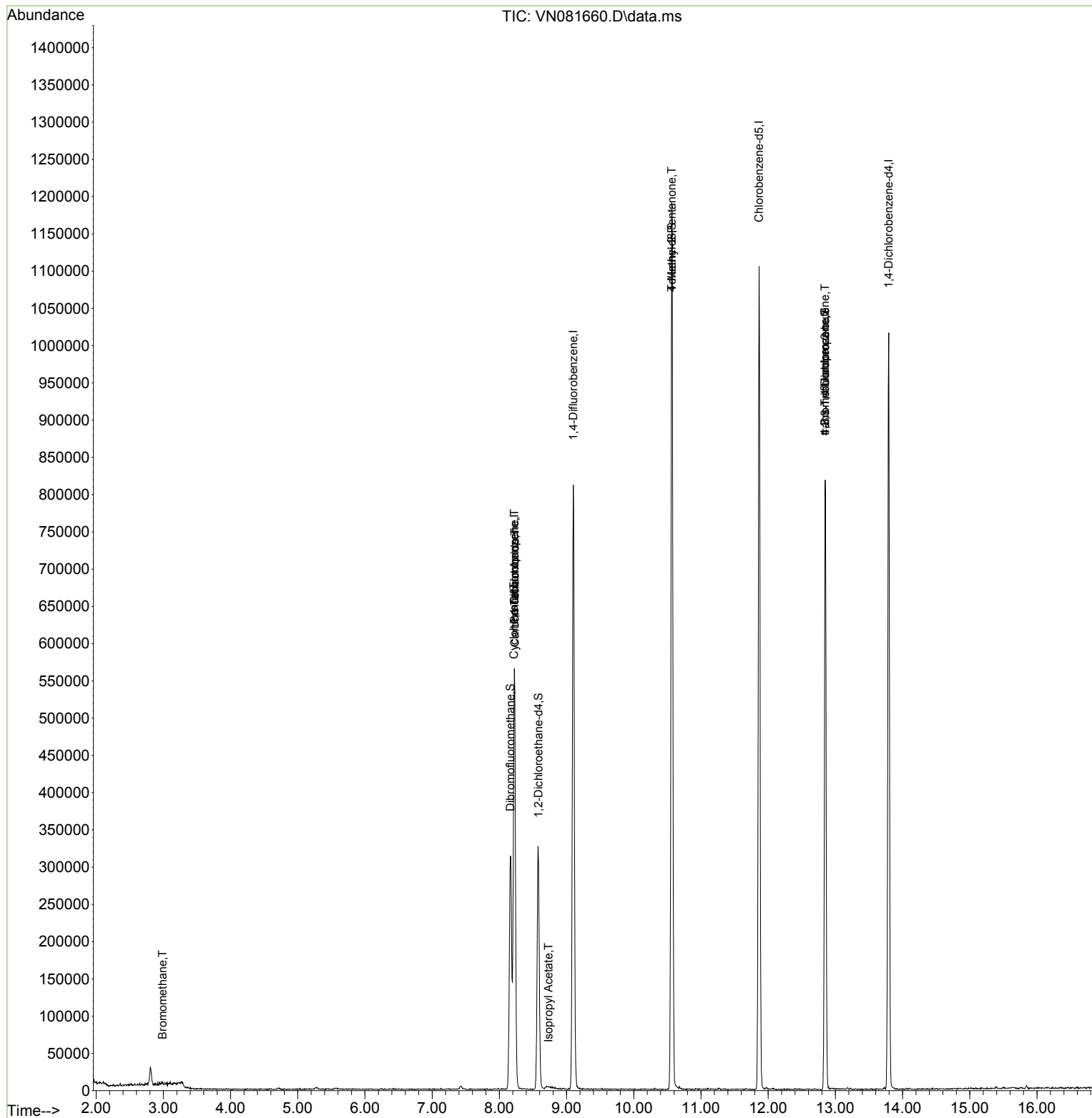
Internal Standards						
1) Pentafluorobenzene	8.224	168	407305	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	723318	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	664283	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	269963	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	260035	50.062	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.120%			
35) Dibromofluoromethane	8.165	113	234005	51.262	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.520%			
50) Toluene-d8	10.565	98	855691	51.855	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.720%			
62) 4-Bromofluorobenzene	12.847	95	287398	49.428	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 98.860%			
Target Compounds						Qvalue
5) Bromomethane	2.989	94	1892	0.437	ug/l #	53
31) Cyclohexane	8.218	56	10146	1.200	ug/l #	29
36) 1,1-Dichloropropene	8.224	75	34367	4.474	ug/l #	52
38) Carbon Tetrachloride	8.229	117	44061	5.236	ug/l #	19
43) Isopropyl Acetate	8.729	43	5003	0.459	ug/l #	57
51) 4-Methyl-2-Pentanone	10.565	43	2980	0.448	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	149563	23.161	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	149563	62.588	ug/l #	14

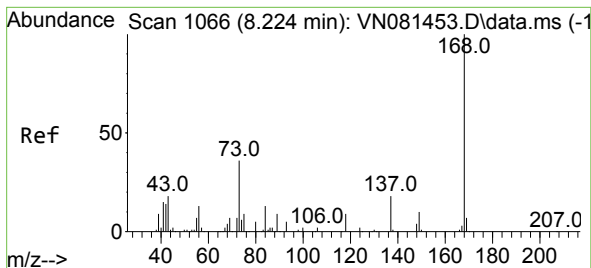
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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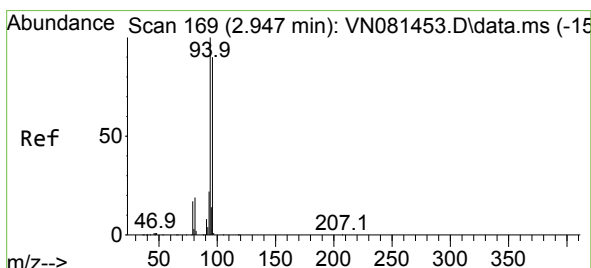
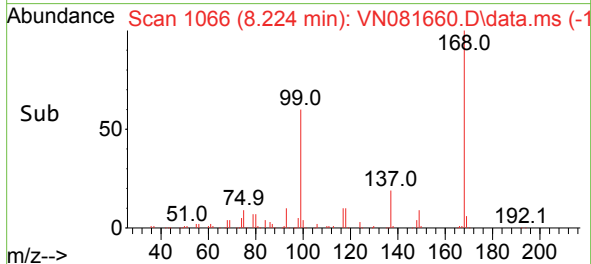
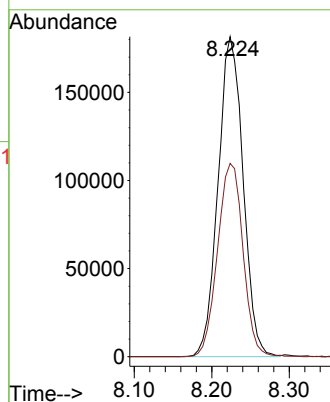
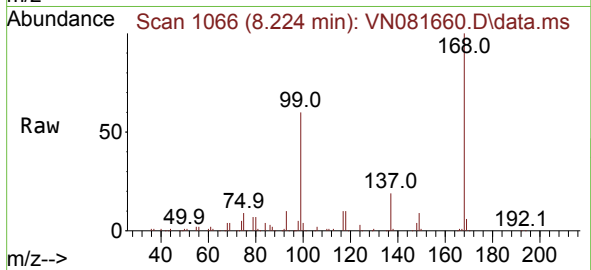




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081660.D
Acq: 03 Apr 2024 14:18

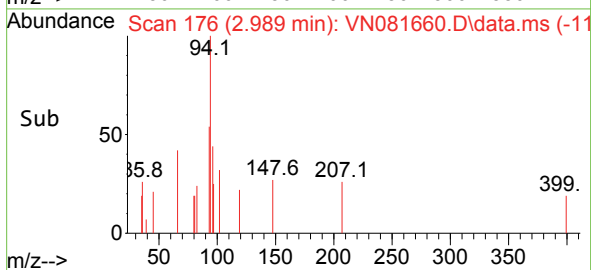
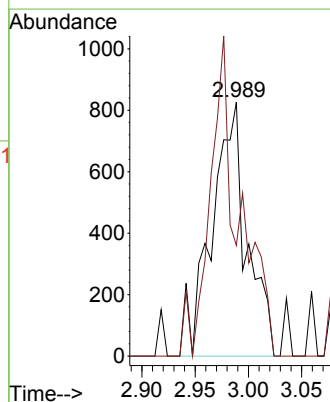
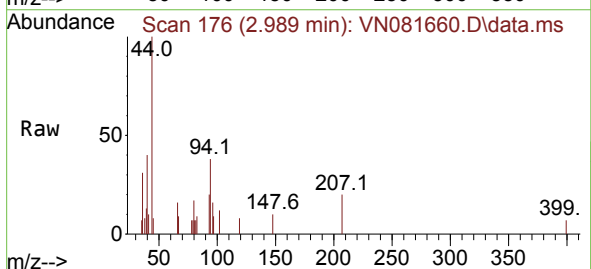
Instrument :
MSVOA_N
ClientSampleId :
VN0403WBL01

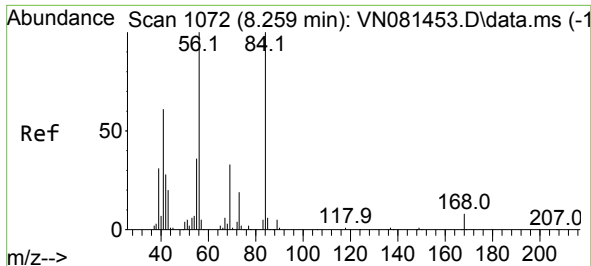
Tgt Ion:168 Resp: 407305
Ion Ratio Lower Upper
168 100
99 60.4 59.9 89.9



#5
Bromomethane
Concen: 0.437 ug/l
RT: 2.989 min Scan# 176
Delta R.T. 0.041 min
Lab File: VN081660.D
Acq: 03 Apr 2024 14:18

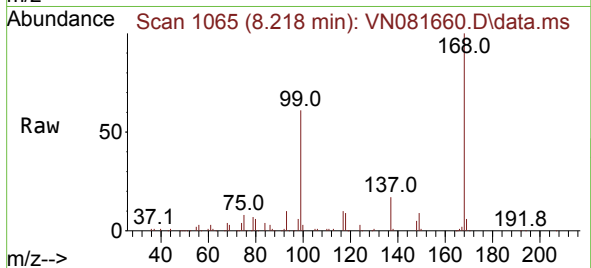
Tgt Ion: 94 Resp: 1892
Ion Ratio Lower Upper
94 100
96 43.5 69.2 103.8#



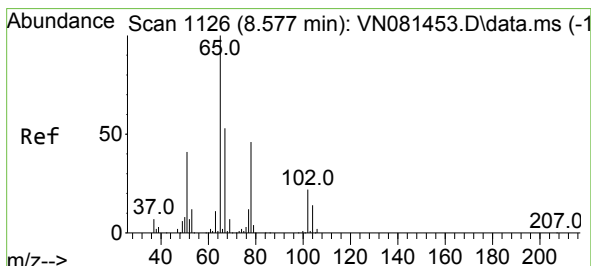
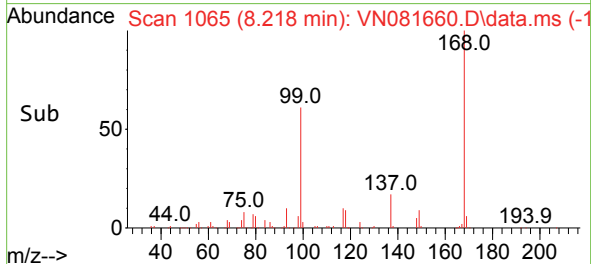
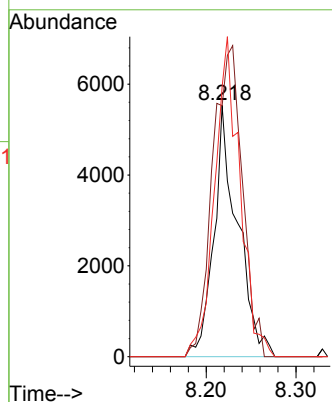


#31
Cyclohexane
Concen: 1.200 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN081660.D
Acq: 03 Apr 2024 14:18

Instrument :
MSVOA_N
ClientSampleId :
VN0403WBL01

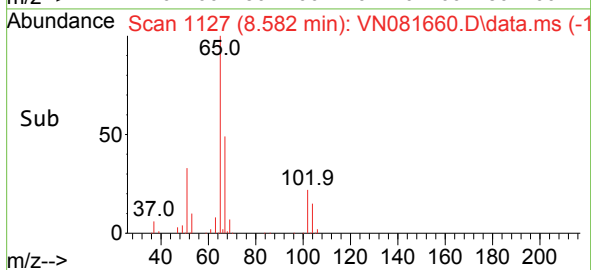
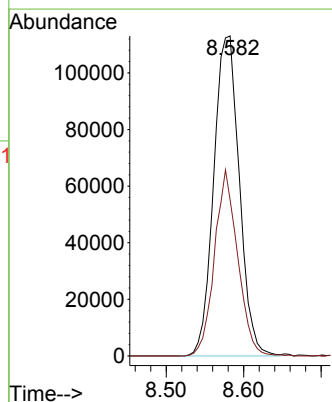
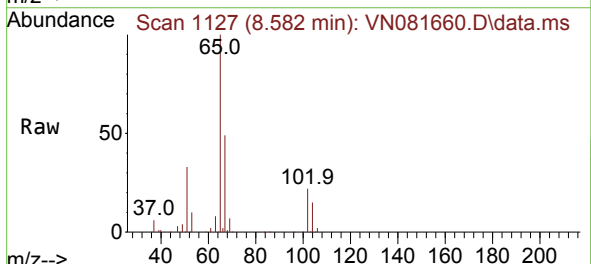


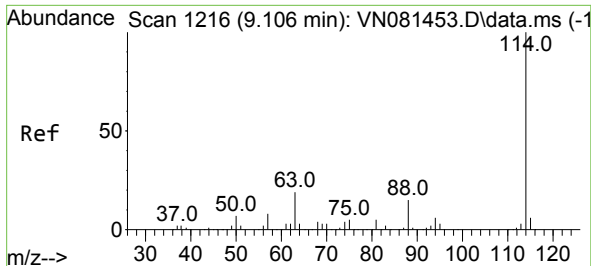
Tgt Ion: 56 Resp: 10146
Ion Ratio Lower Upper
56 100
69 99.9 20.1 30.1#
84 107.3 56.9 85.3#



#33
1,2-Dichloroethane-d4
Concen: 50.062 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081660.D
Acq: 03 Apr 2024 14:18

Tgt Ion: 65 Resp: 260035
Ion Ratio Lower Upper
65 100
67 52.6 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN081660.D

Acq: 03 Apr 2024 14:18

Instrument :

MSVOA_N

ClientSampleId :

VN0403WBL01

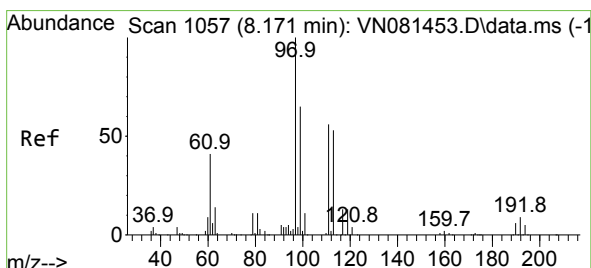
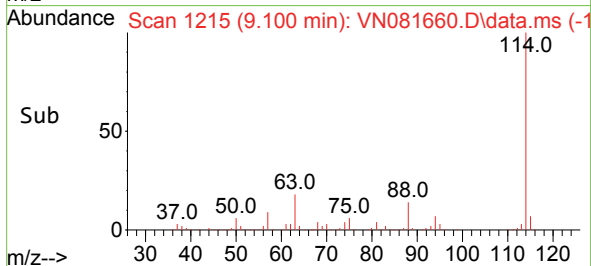
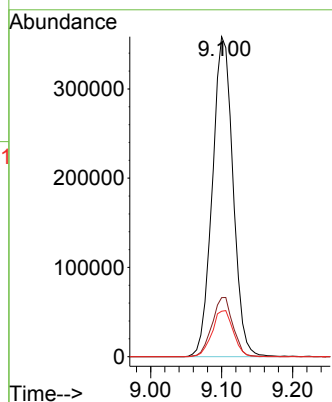
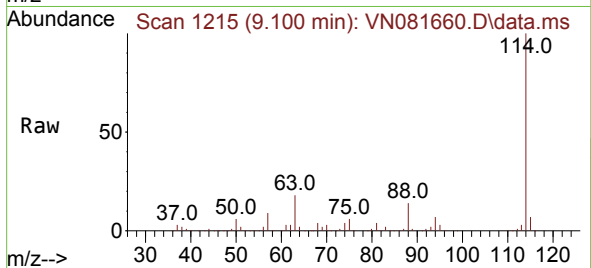
Tgt Ion:114 Resp: 723318

Ion Ratio Lower Upper

114 100

63 18.5 0.0 48.0

88 14.2 0.0 34.8



#35

Dibromofluoromethane

Concen: 51.262 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN081660.D

Acq: 03 Apr 2024 14:18

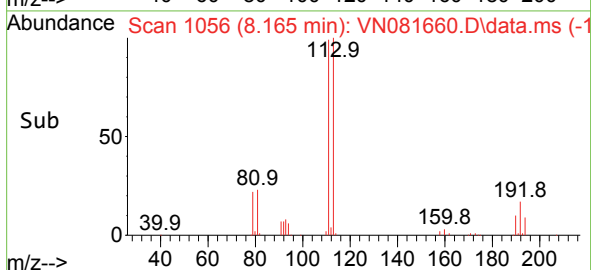
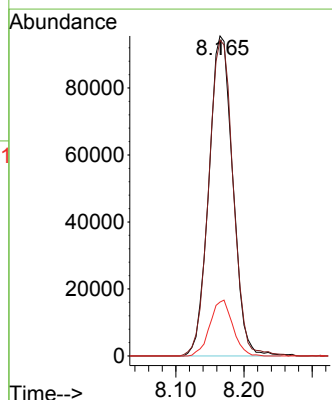
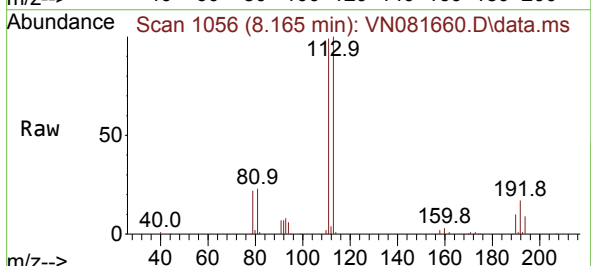
Tgt Ion:113 Resp: 234005

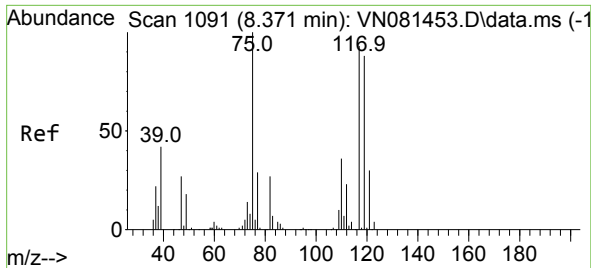
Ion Ratio Lower Upper

113 100

111 100.4 82.2 123.4

192 16.6 12.5 18.7





#36

1,1-Dichloropropene

Concen: 4.474 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN081660.D

Acq: 03 Apr 2024 14:18

Instrument :

MSVOA_N

ClientSampleId :

VN0403WBL01

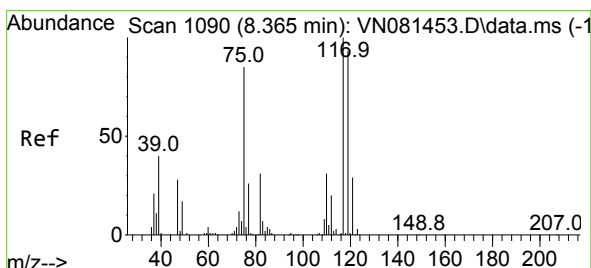
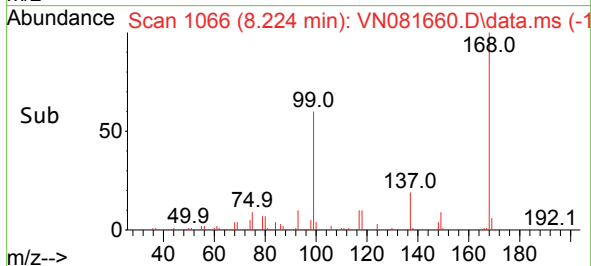
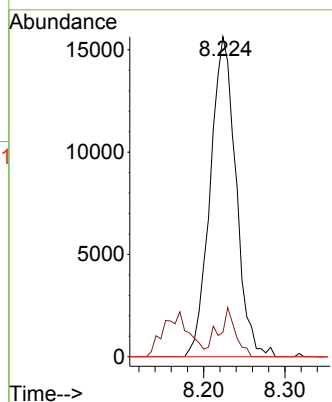
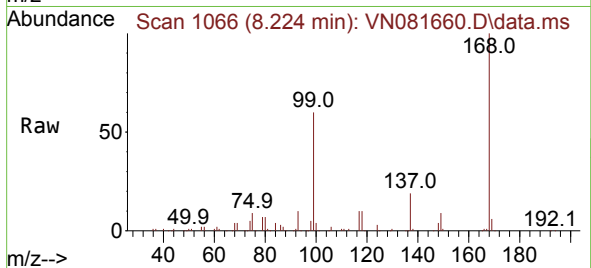
Tgt Ion: 75 Resp: 34367

Ion Ratio Lower Upper

75 100

110 10.3 16.0 48.0#

77 0.0 25.8 38.6#



#38

Carbon Tetrachloride

Concen: 5.236 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.135 min

Lab File: VN081660.D

Acq: 03 Apr 2024 14:18

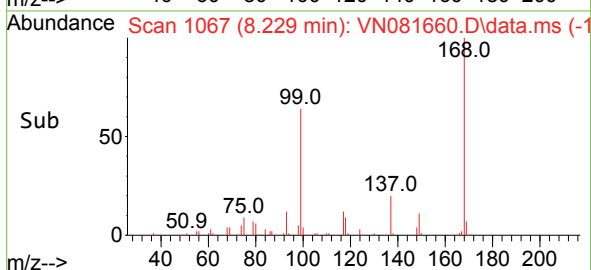
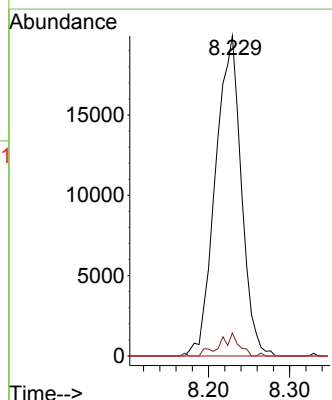
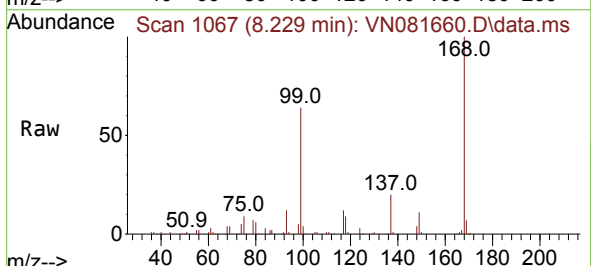
Tgt Ion: 117 Resp: 44061

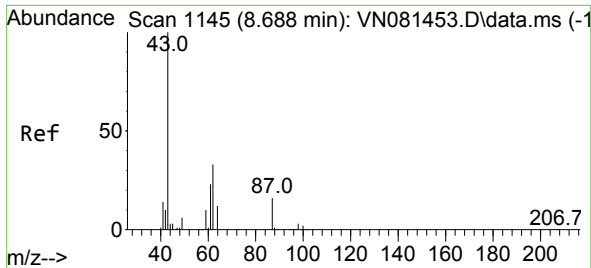
Ion Ratio Lower Upper

117 100

119 7.2 73.4 110.2#

121 0.0 24.4 36.6#

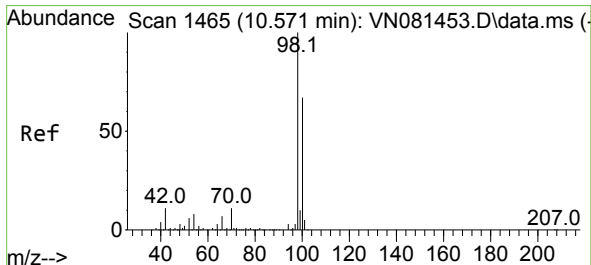
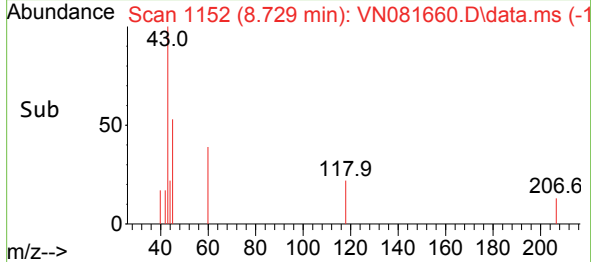
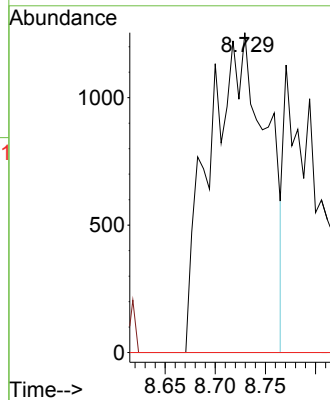
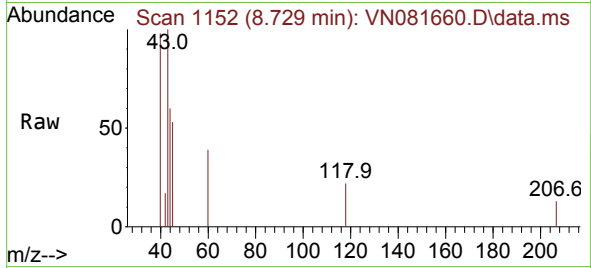




#43
Isopropyl Acetate
Concen: 0.459 ug/l
RT: 8.729 min Scan# 1152
Delta R.T. 0.041 min
Lab File: VN081660.D
Acq: 03 Apr 2024 14:18

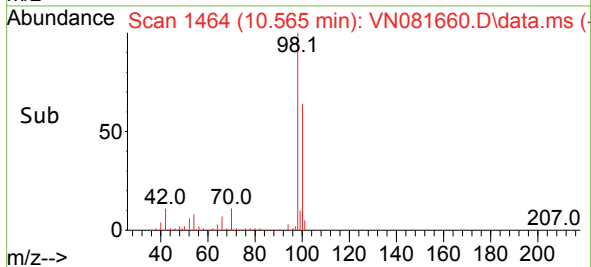
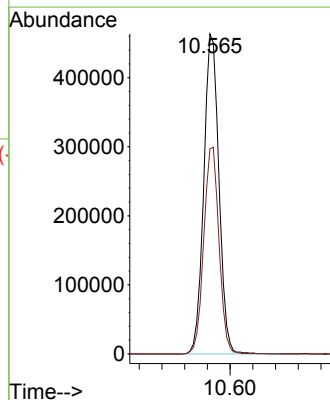
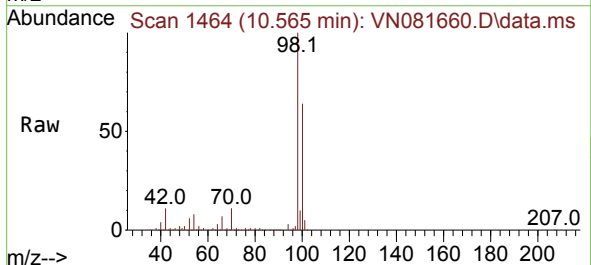
Instrument :
MSVOA_N
ClientSampleId :
VN0403WBL01

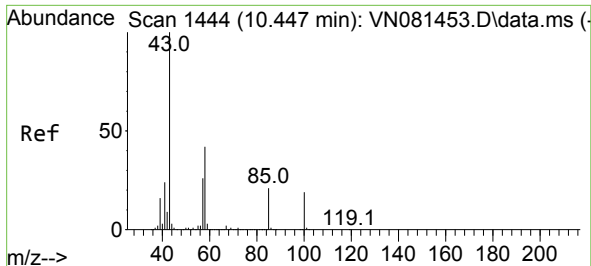
Tgt Ion: 43 Resp: 5003
Ion Ratio Lower Upper
43 100
61 0.0 19.9 29.9#
87 0.0 9.0 13.6#



#50
Toluene-d8
Concen: 51.855 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN081660.D
Acq: 03 Apr 2024 14:18

Tgt Ion: 98 Resp: 855691
Ion Ratio Lower Upper
98 100
100 65.0 51.4 77.0





#51

4-Methyl-2-Pentanone

Concen: 0.448 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.118 min

Lab File: VN081660.D

Acq: 03 Apr 2024 14:18

Instrument :

MSVOA_N

ClientSampleId :

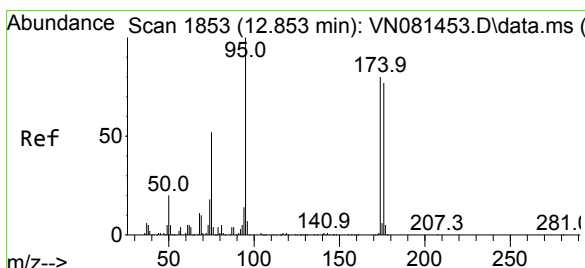
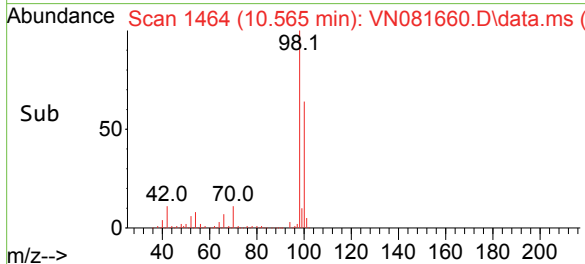
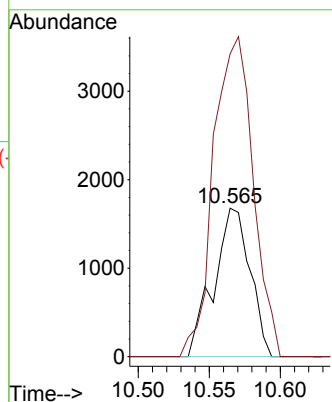
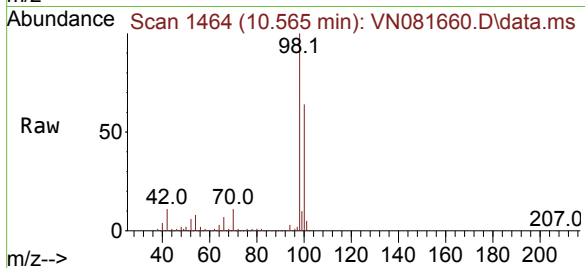
VN0403WBL01

Tgt Ion: 43 Resp: 2980

Ion Ratio Lower Upper

43 100

58 235.6 29.4 44.0#



#62

4-Bromofluorobenzene

Concen: 49.428 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.006 min

Lab File: VN081660.D

Acq: 03 Apr 2024 14:18

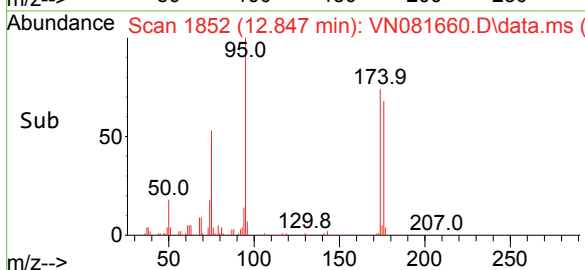
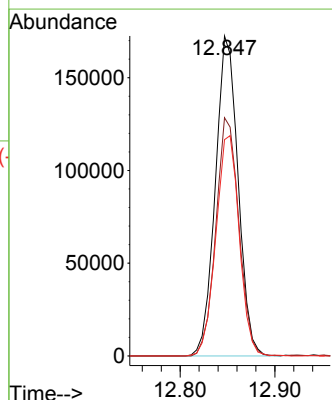
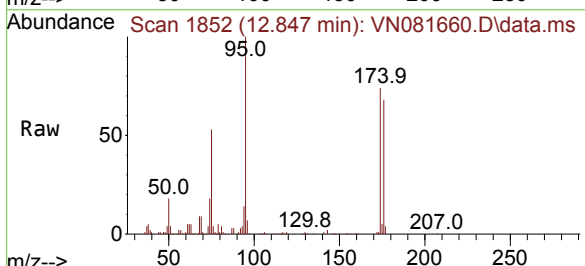
Tgt Ion: 95 Resp: 287398

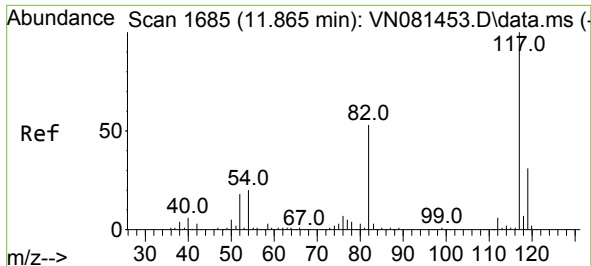
Ion Ratio Lower Upper

95 100

174 75.6 0.0 120.4

176 70.9 0.0 121.0

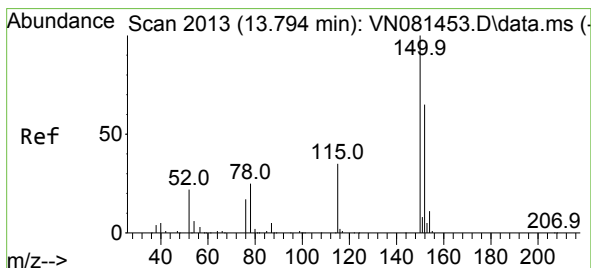
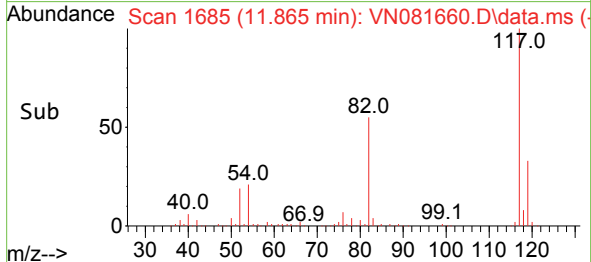
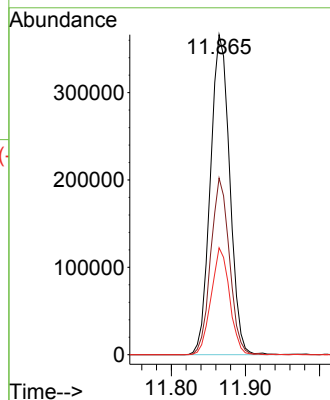
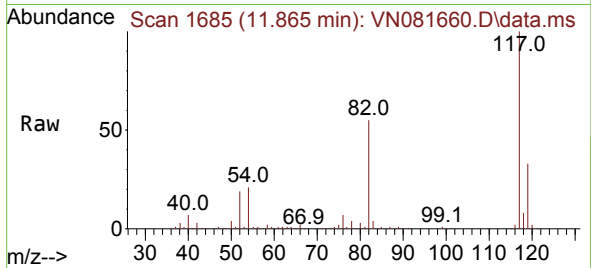




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081660.D
Acq: 03 Apr 2024 14:18

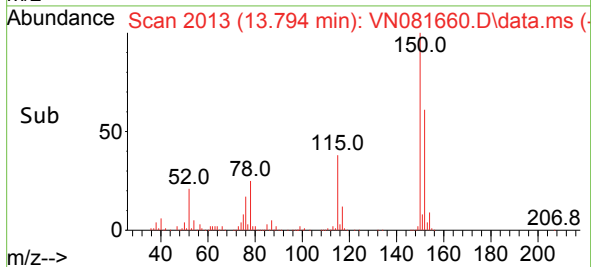
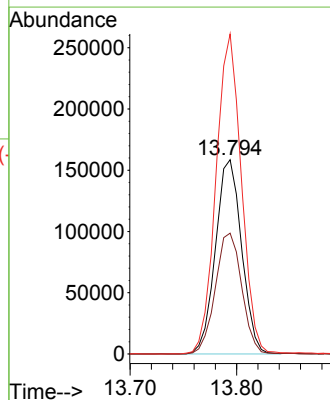
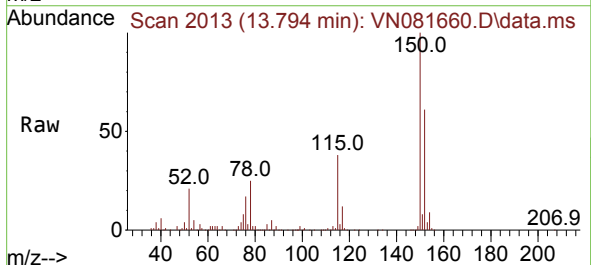
Instrument :
MSVOA_N
ClientSampleId :
VN0403WBL01

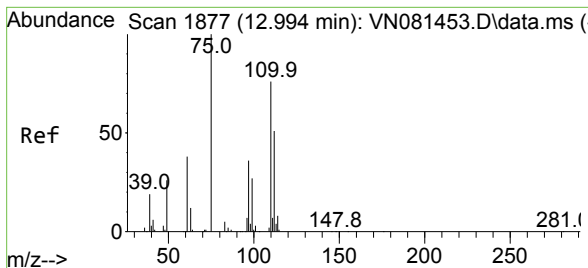
Tgt Ion:117 Resp: 664283
Ion Ratio Lower Upper
117 100
82 55.2 52.7 79.1
119 33.4 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081660.D
Acq: 03 Apr 2024 14:18

Tgt Ion:152 Resp: 269963
Ion Ratio Lower Upper
152 100
115 62.9 32.3 96.8
150 159.9 0.0 339.8





#76

1,2,3-Trichloropropane

Concen: 23.161 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN081660.D

Acq: 03 Apr 2024 14:18

Instrument :

MSVOA_N

ClientSampleId :

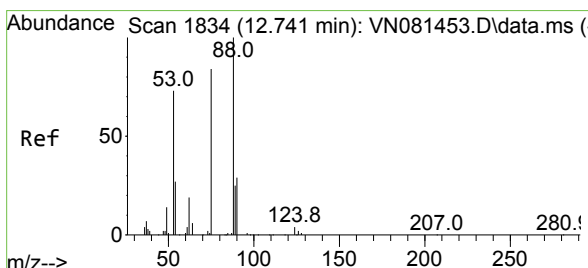
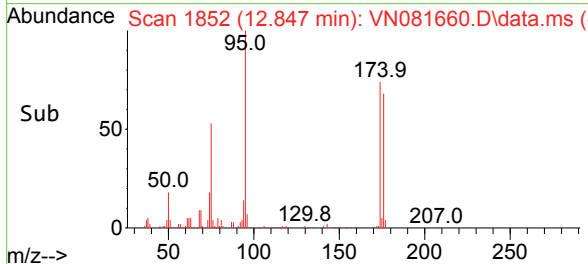
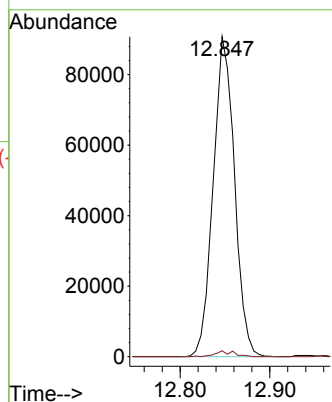
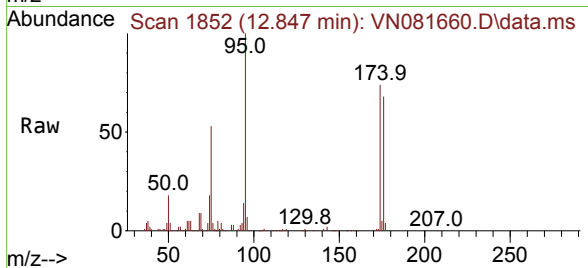
VN0403WBL01

Tgt Ion: 75 Resp: 149563

Ion Ratio Lower Upper

75 100

77 1.6 91.0 272.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 62.588 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.106 min

Lab File: VN081660.D

Acq: 03 Apr 2024 14:18

Tgt Ion: 75 Resp: 149563

Ion Ratio Lower Upper

75 100

53 0.0 71.4 107.2#

89 0.0 33.4 50.0#

