

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032924\
 Data File : VN081609.D
 Acq On : 29 Mar 2024 12:32
 Operator : JC\MD
 Sample : VN0329WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0329WBL01

Quant Time: Mar 30 00:26:47 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)

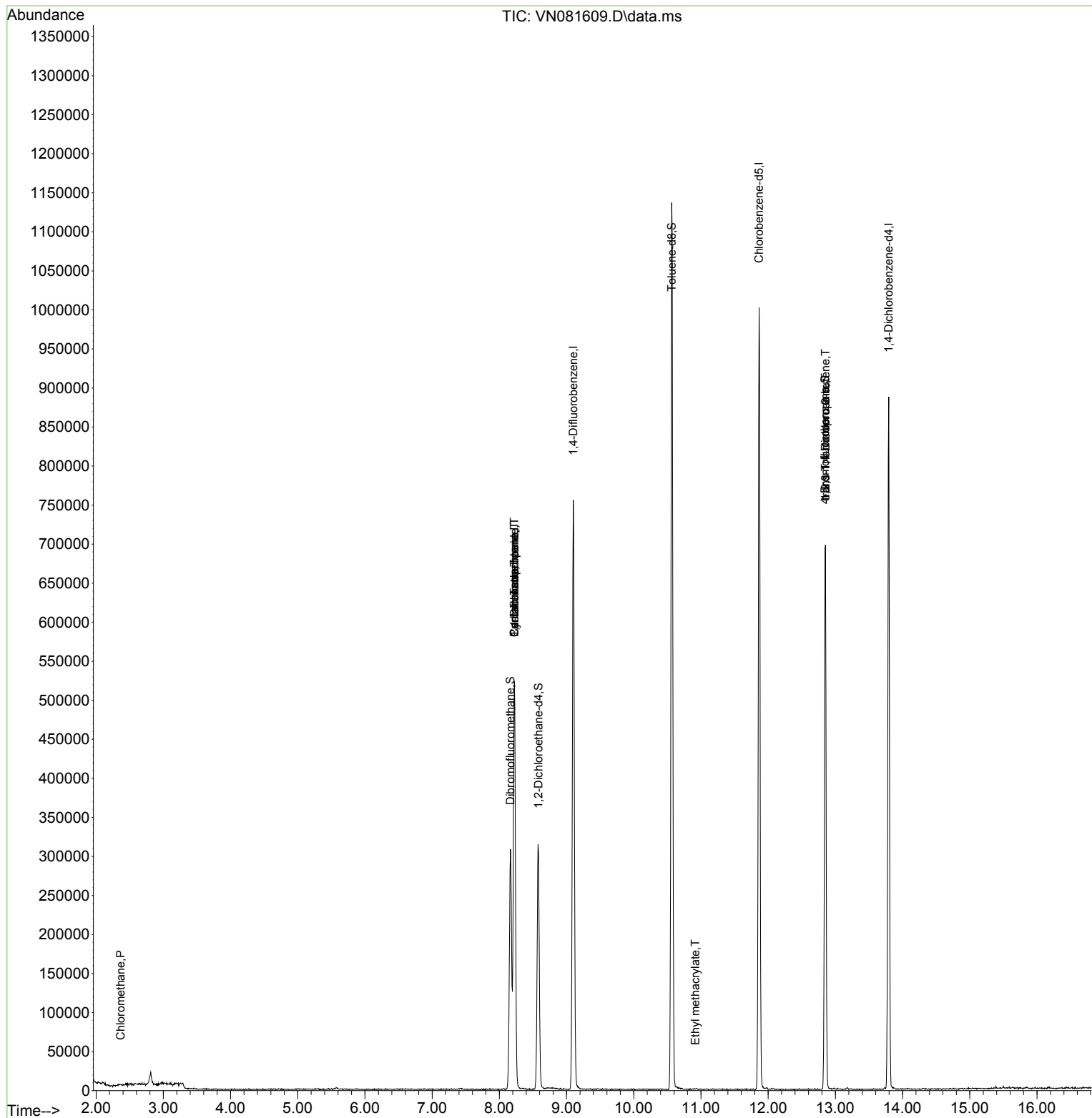
Internal Standards						
1) Pentafluorobenzene	8.224	168	371182	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	663259	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	597445	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	229698	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	252076	53.253	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.500%	
35) Dibromofluoromethane	8.165	113	218477	52.194	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.380%	
50) Toluene-d8	10.565	98	804628	53.176	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.360%	
62) 4-Bromofluorobenzene	12.847	95	238555	44.743	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 89.480%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	1125	0.226	ug/l #	43
31) Cyclohexane	8.224	56	9255	1.202	ug/l #	37
36) 1,1-Dichloropropene	8.224	75	31557	4.480	ug/l #	50
38) Carbon Tetrachloride	8.224	117	39148	5.073	ug/l #	18
56) Ethyl methacrylate	10.918	69	72	0.580	ug/l #	14
76) 1,2,3-Trichloropropane	12.853	75	126962	23.107	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	126962	62.443	ug/l #	14

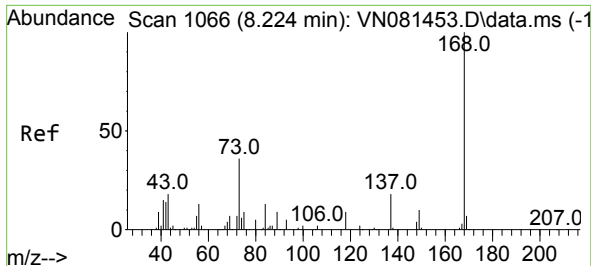
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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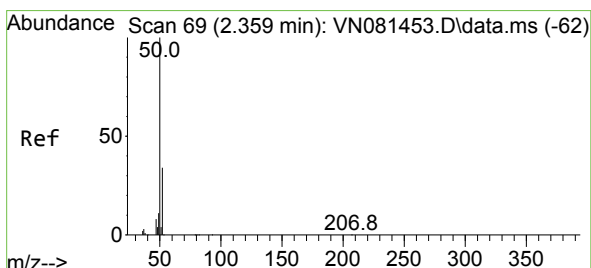
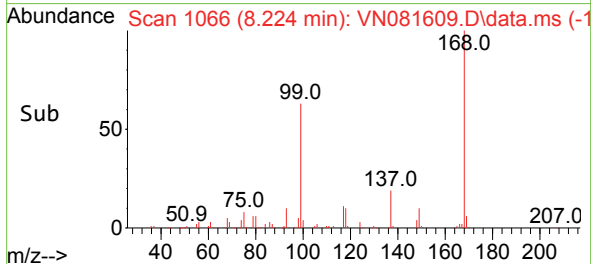
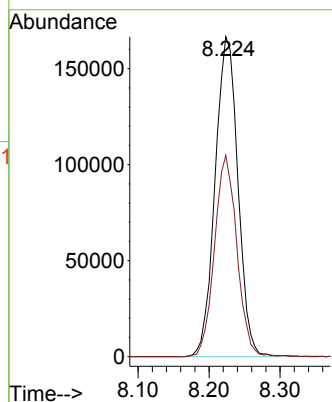
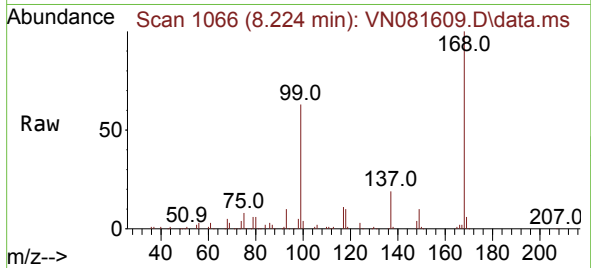




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN081609.D
Acq: 29 Mar 2024 12:32

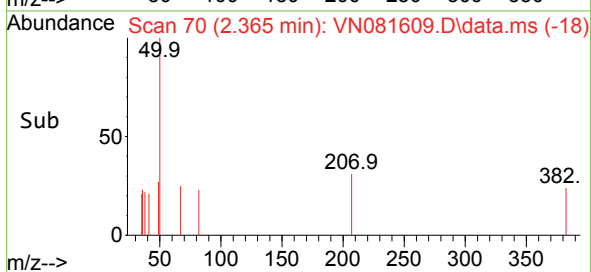
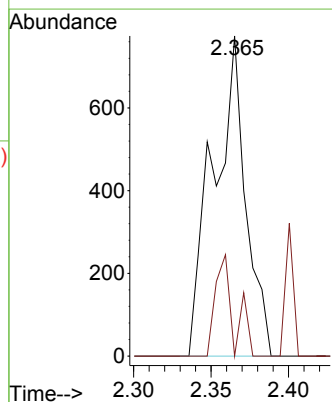
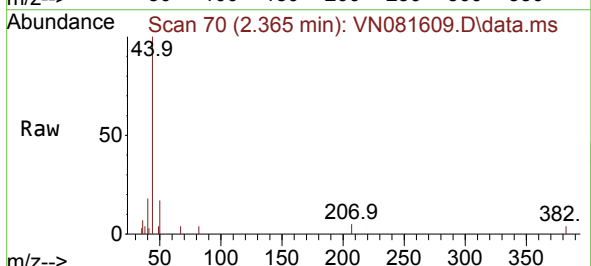
Instrument :
MSVOA_N
ClientSampleId :
VN0329WBL01

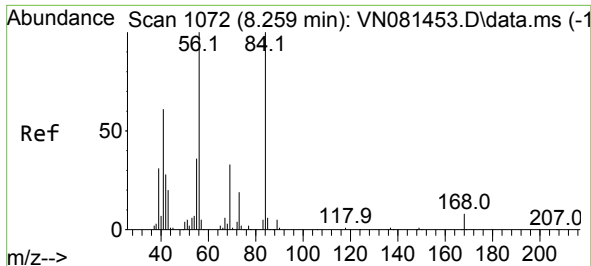
Tgt Ion:168 Resp: 371182
Ion Ratio Lower Upper
168 100
99 62.9 59.9 89.9



#3
Chloromethane
Concen: 0.226 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN081609.D
Acq: 29 Mar 2024 12:32

Tgt Ion: 50 Resp: 1125
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

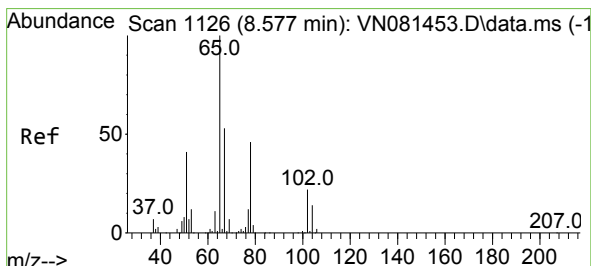
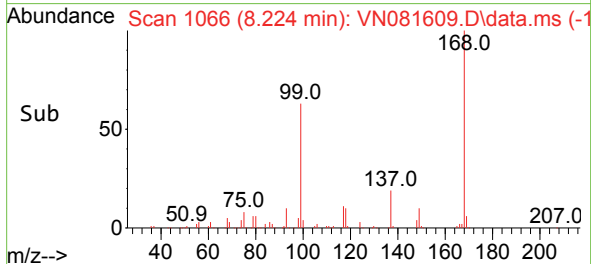
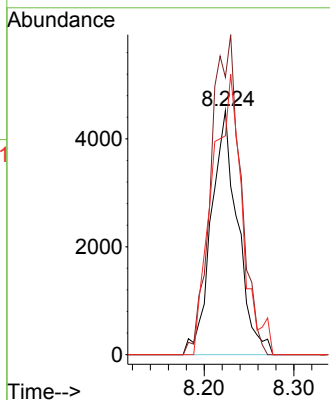
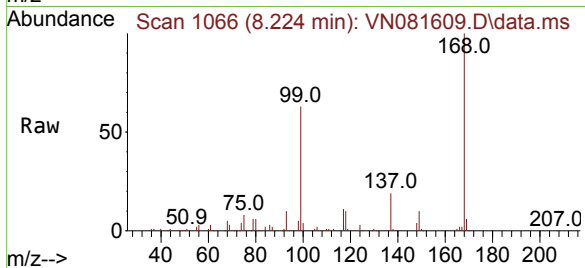




#31
Cyclohexane
Concen: 1.202 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN081609.D
Acq: 29 Mar 2024 12:32

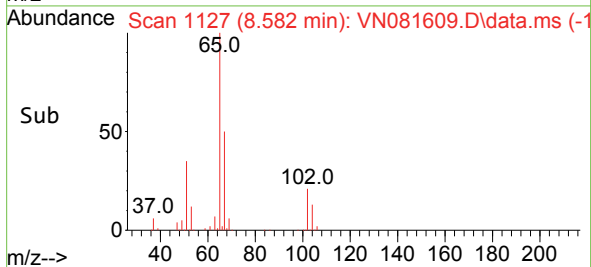
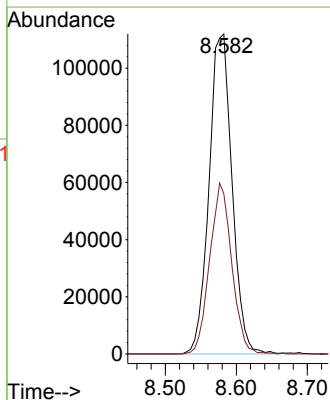
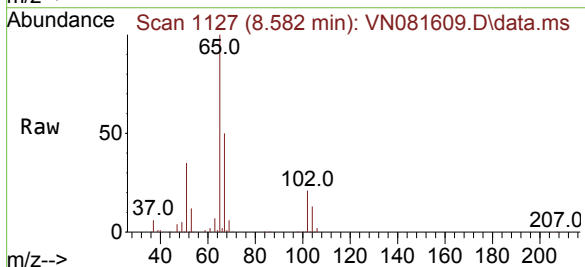
Instrument :
MSVOA_N
ClientSampleId :
VN0329WBL01

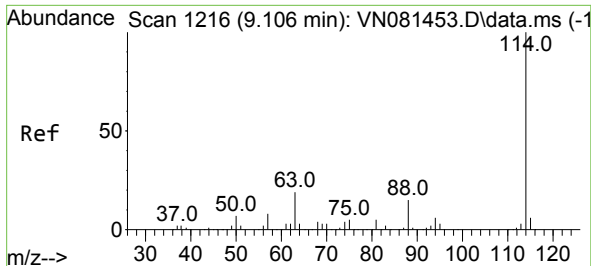
Tgt Ion: 56 Resp: 9255
Ion Ratio Lower Upper
56 100
69 113.7 20.1 30.1#
84 89.7 56.9 85.3#



#33
1,2-Dichloroethane-d4
Concen: 53.253 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081609.D
Acq: 29 Mar 2024 12:32

Tgt Ion: 65 Resp: 252076
Ion Ratio Lower Upper
65 100
67 51.1 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: VN081609.D

Acq: 29 Mar 2024 12:32

Instrument :

MSVOA_N

ClientSampleId :

VN0329WBL01

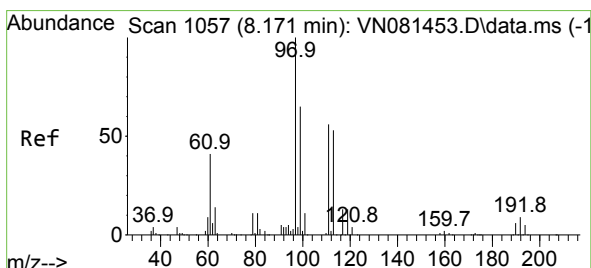
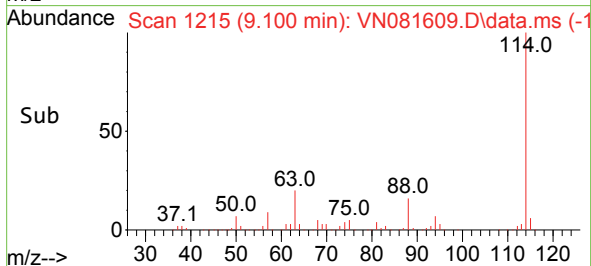
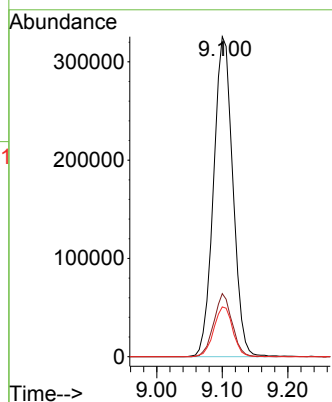
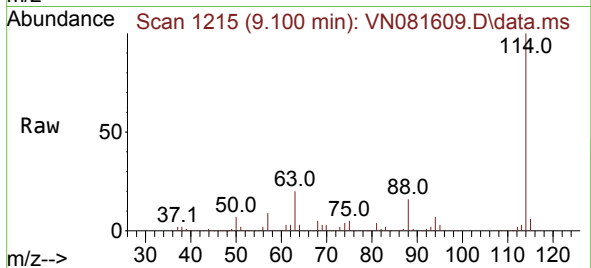
Tgt Ion:114 Resp: 663259

Ion Ratio Lower Upper

114 100

63 19.7 0.0 48.0

88 15.6 0.0 34.8



#35

Dibromofluoromethane

Concen: 52.194 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN081609.D

Acq: 29 Mar 2024 12:32

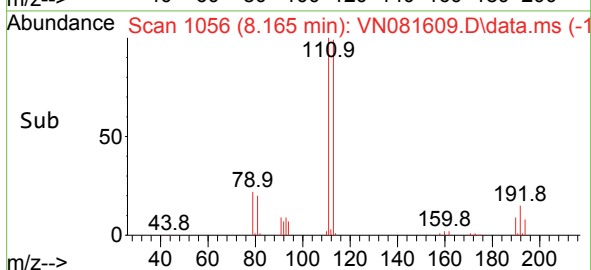
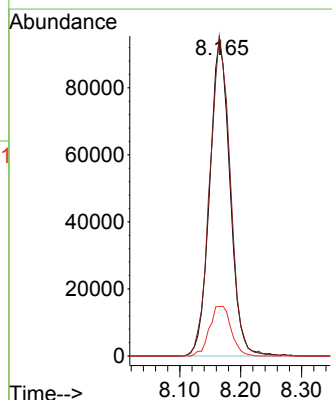
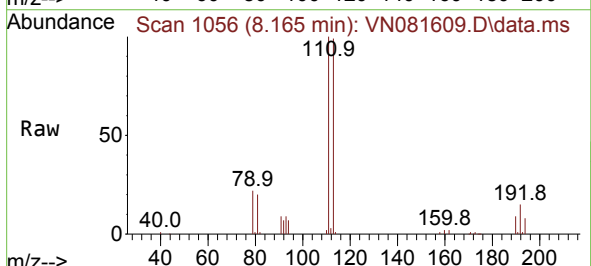
Tgt Ion:113 Resp: 218477

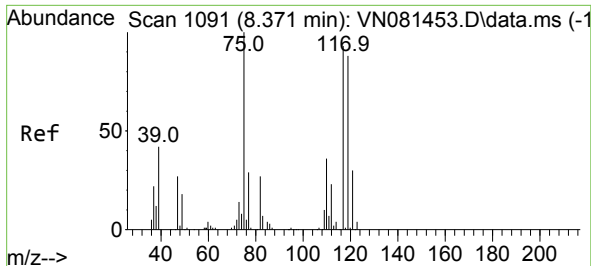
Ion Ratio Lower Upper

113 100

111 102.3 82.2 123.4

192 16.7 12.5 18.7





#36

1,1-Dichloropropene

Concen: 4.480 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN081609.D

Acq: 29 Mar 2024 12:32

Instrument :

MSVOA_N

ClientSampleId :

VN0329WBL01

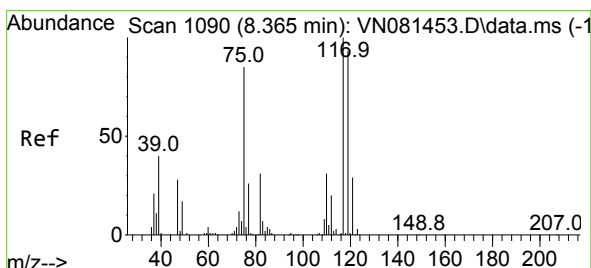
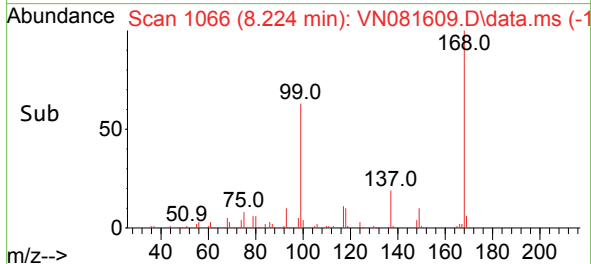
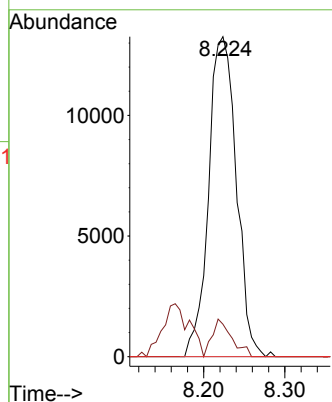
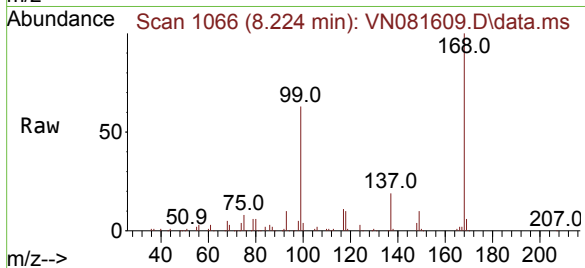
Tgt Ion: 75 Resp: 31557

Ion Ratio Lower Upper

75 100

110 8.2 16.0 48.0#

77 0.0 25.8 38.6#



#38

Carbon Tetrachloride

Concen: 5.073 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN081609.D

Acq: 29 Mar 2024 12:32

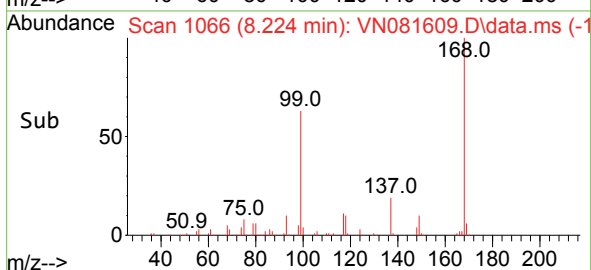
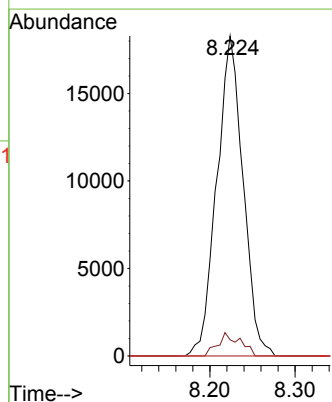
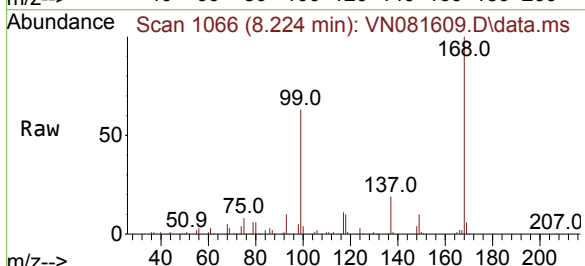
Tgt Ion: 117 Resp: 39148

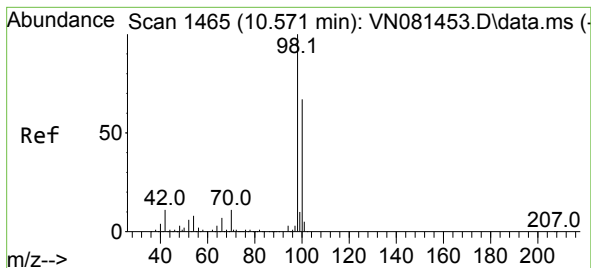
Ion Ratio Lower Upper

117 100

119 5.1 73.4 110.2#

121 0.0 24.4 36.6#





#50

Toluene-d8

Concen: 53.176 ug/l

RT: 10.565 min Scan# 1465

Delta R.T. -0.006 min

Lab File: VN081609.D

Acq: 29 Mar 2024 12:32

Instrument :

MSVOA_N

ClientSampleId :

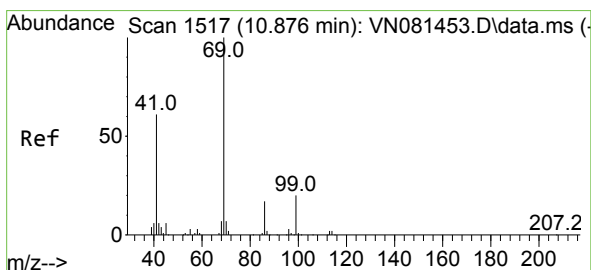
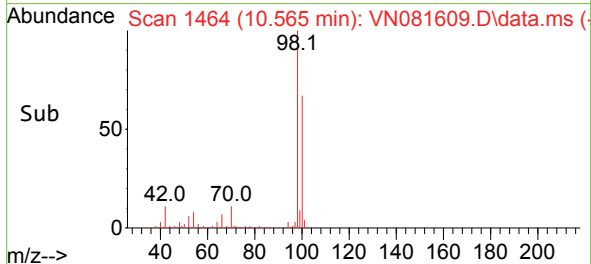
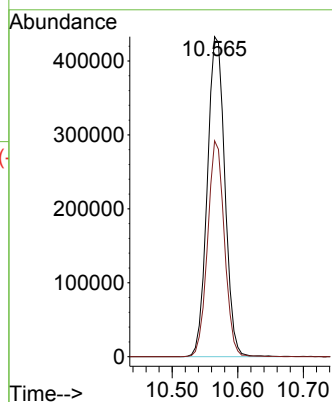
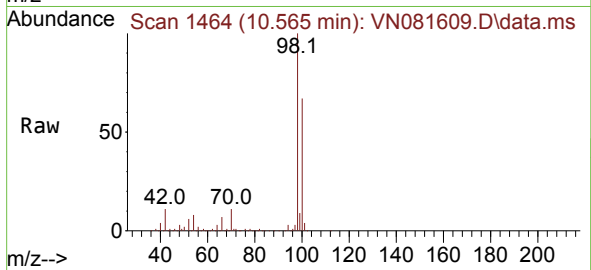
VN0329WBL01

Tgt Ion: 98 Resp: 804628

Ion Ratio Lower Upper

98 100

100 64.6 51.4 77.0



#56

Ethyl methacrylate

Concen: 0.580 ug/l

RT: 10.918 min Scan# 1524

Delta R.T. 0.042 min

Lab File: VN081609.D

Acq: 29 Mar 2024 12:32

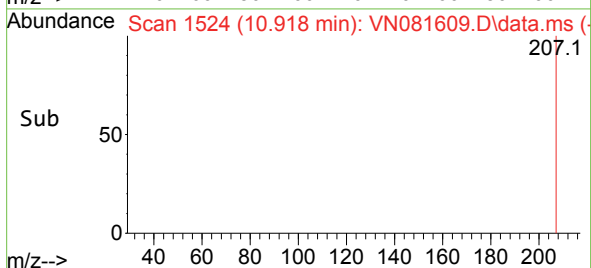
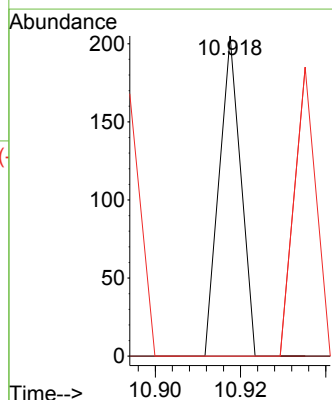
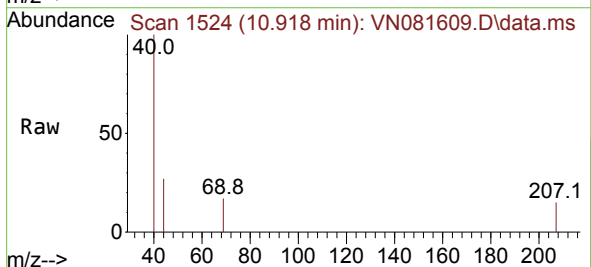
Tgt Ion: 69 Resp: 72

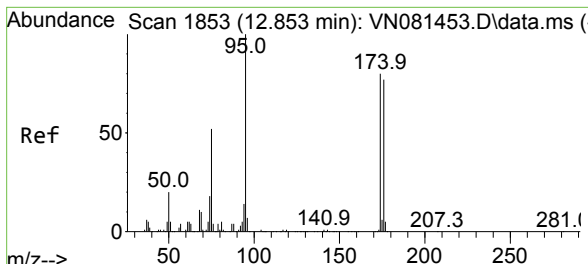
Ion Ratio Lower Upper

69 100

41 0.0 61.0 91.6#

39 90.3 31.8 47.6#

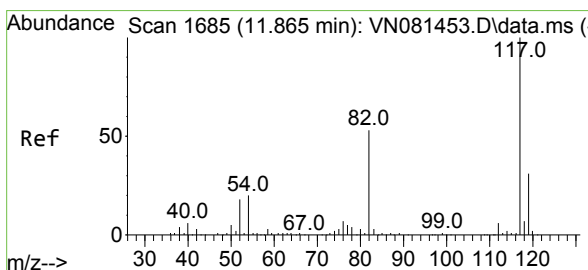
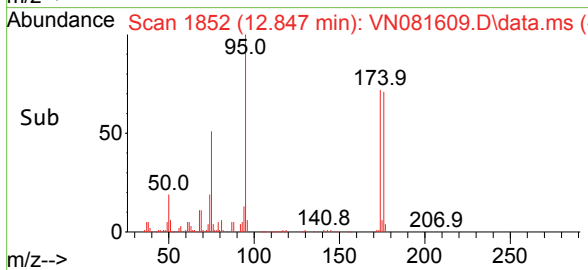
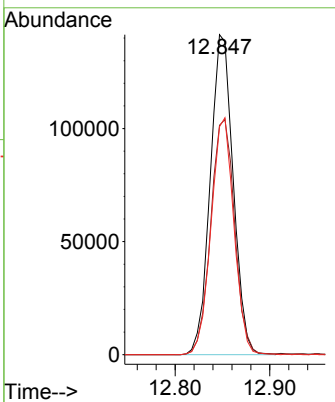
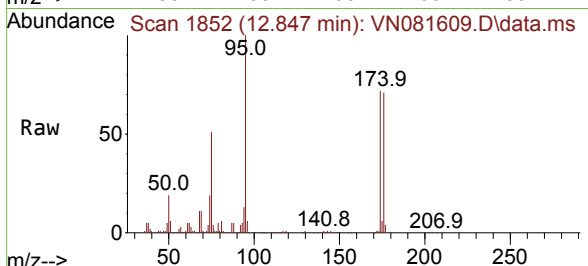




#62
 4-Bromofluorobenzene
 Concen: 44.743 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: VN081609.D
 Acq: 29 Mar 2024 12:32

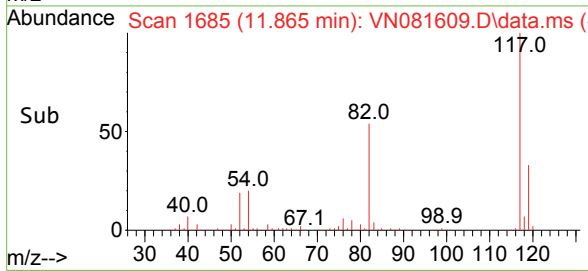
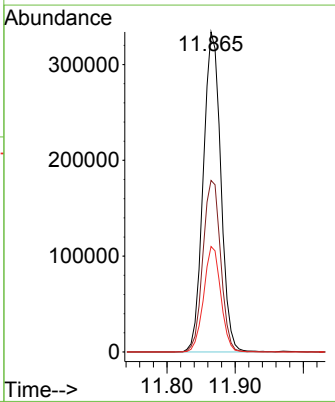
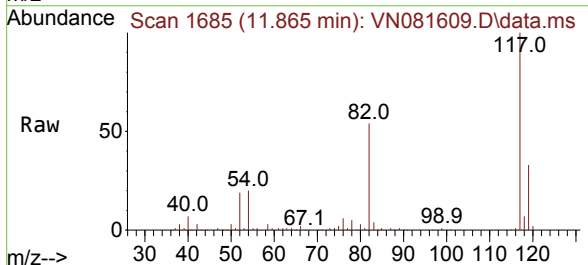
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0329WBL01

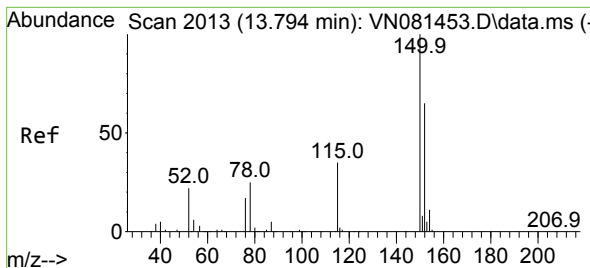
Tgt Ion:	95	Resp:	238555
Ion	Ratio	Lower	Upper
95	100		
174	76.6	0.0	120.4
176	73.7	0.0	121.0



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.865 min Scan# 1685
 Delta R.T. -0.000 min
 Lab File: VN081609.D
 Acq: 29 Mar 2024 12:32

Tgt Ion:	117	Resp:	597445
Ion	Ratio	Lower	Upper
117	100		
82	53.6	52.7	79.1
119	33.0	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: VN081609.D

Acq: 29 Mar 2024 12:32

Instrument :

MSVOA_N

ClientSampleId :

VN0329WBL01

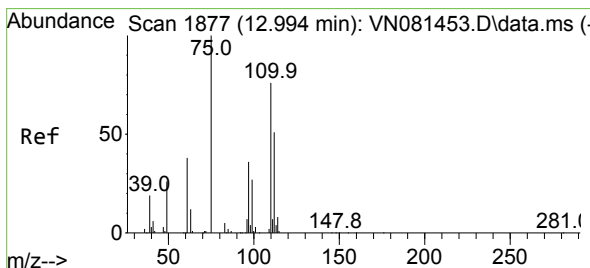
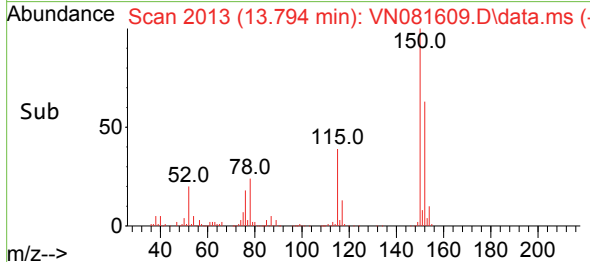
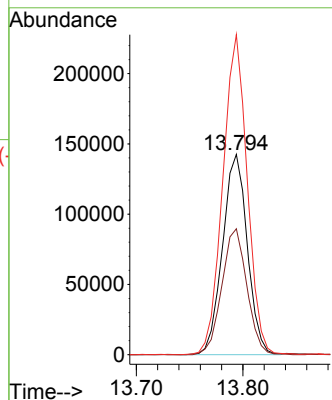
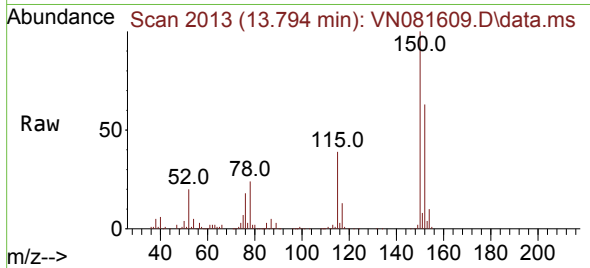
Tgt Ion:152 Resp: 229698

Ion Ratio Lower Upper

152 100

115 63.6 32.3 96.8

150 157.8 0.0 339.8



#76

1,2,3-Trichloropropane

Concen: 23.107 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN081609.D

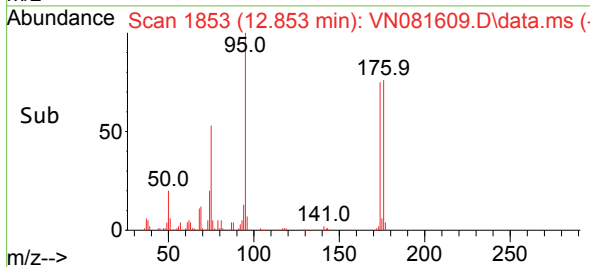
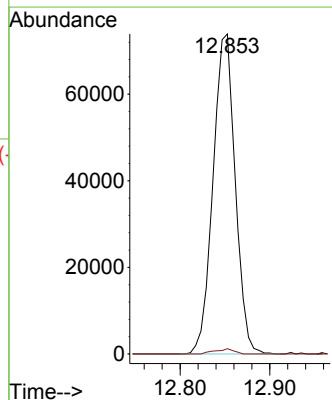
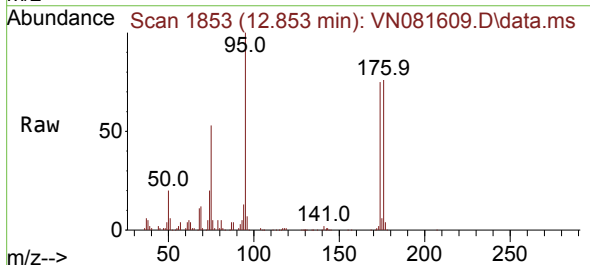
Acq: 29 Mar 2024 12:32

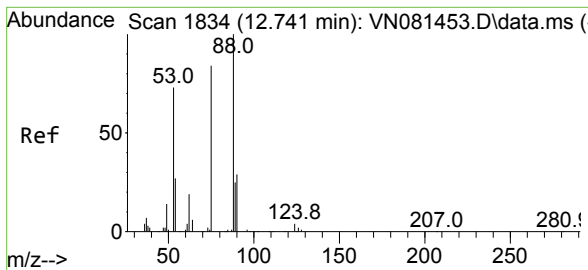
Tgt Ion: 75 Resp: 126962

Ion Ratio Lower Upper

75 100

77 1.4 91.0 272.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.443 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN081609.D
 Acq: 29 Mar 2024 12:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0329WBL01

Tgt Ion: 75 Resp: 126962
 Ion Ratio Lower Upper
 75 100
 53 0.2 71.4 107.2#
 89 0.1 33.4 50.0#

