

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032224\
 Data File : VN081537.D
 Acq On : 22 Mar 2024 10:29
 Operator : JC\MD
 Sample : VN0322WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0322WBL01

Quant Time: Mar 23 00:10:06 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)

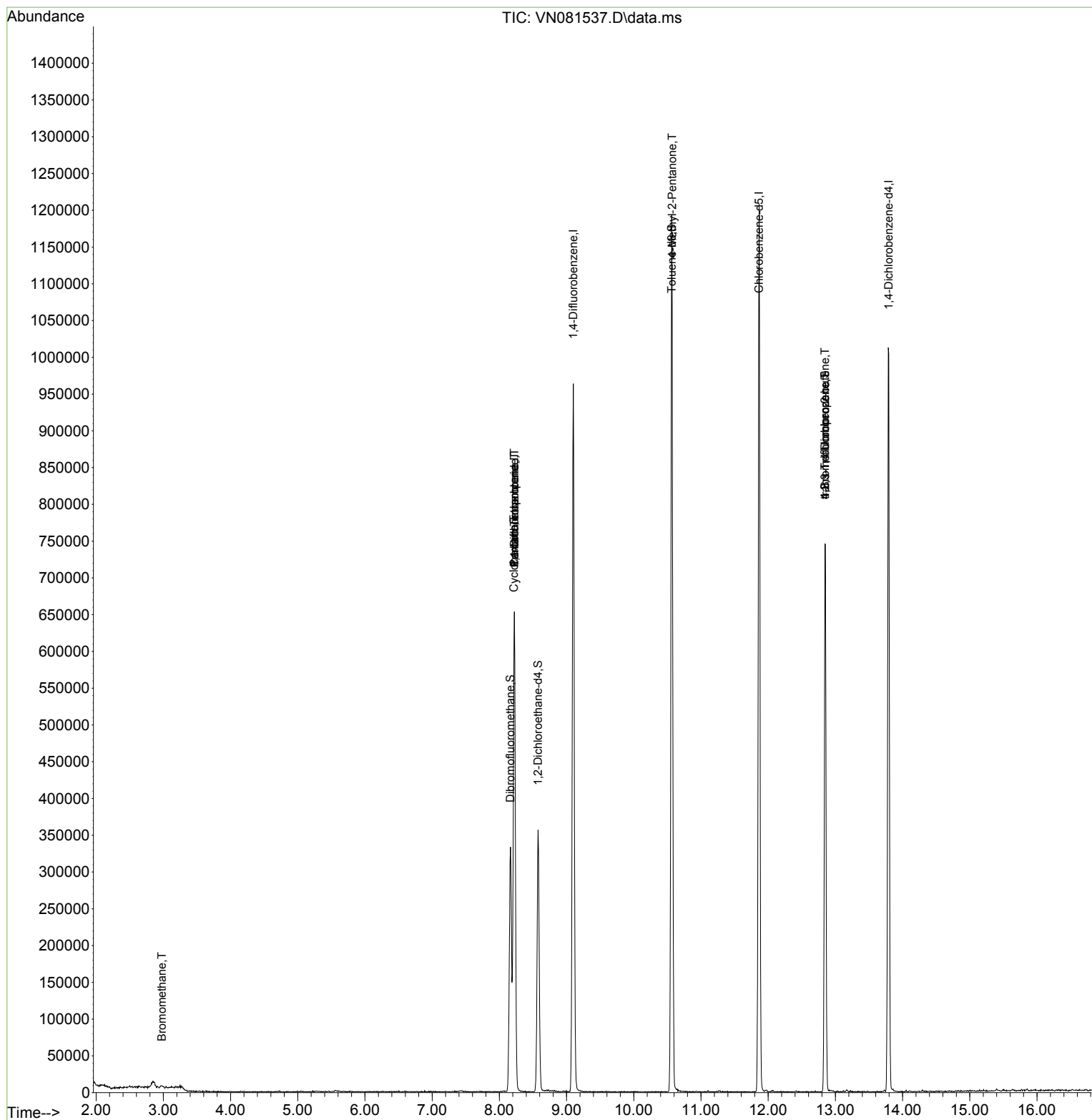
Internal Standards						
1) Pentafluorobenzene	8.224	168	472561	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	847605	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	710517	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	277686	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	278209	46.165	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.320%
35) Dibromofluoromethane	8.165	113	234465	43.831	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.660%
50) Toluene-d8	10.565	98	835918	43.229	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	86.460%
62) 4-Bromofluorobenzene	12.847	95	257081	37.731	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	75.460%
Target Compounds						
					Qvalue	
5) Bromomethane	2.977	94	1550	0.308	ug/l #	78
31) Cyclohexane	8.218	56	11192	1.141	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	37179	4.130	ug/l #	52
38) Carbon Tetrachloride	8.224	117	50926	5.164	ug/l #	17
51) 4-Methyl-2-Pentanone	10.570	43	3643	0.467	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	135250	20.362	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	135250	55.024	ug/l #	14

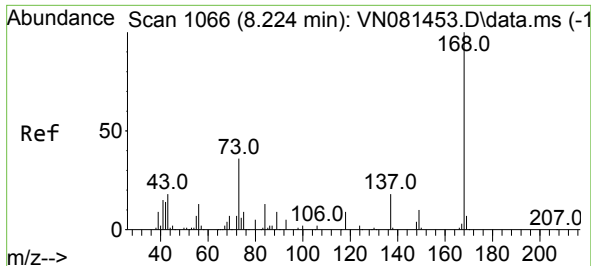
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
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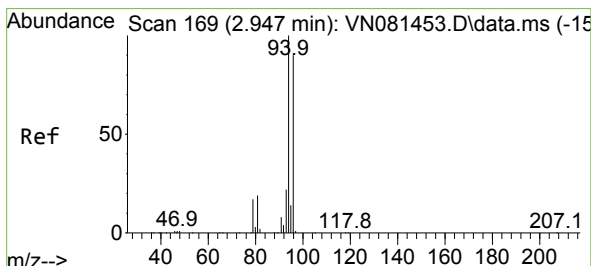
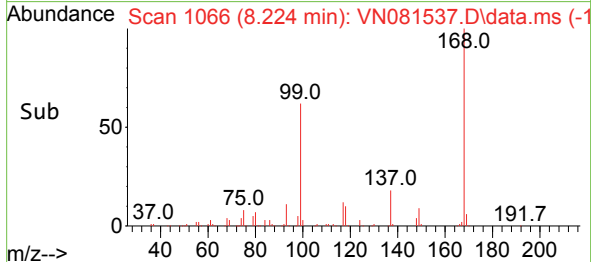
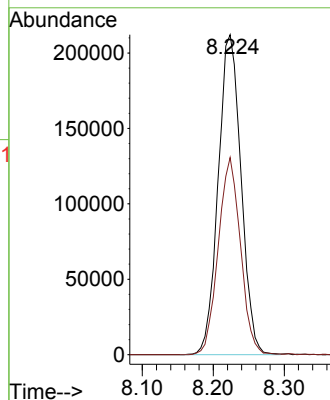
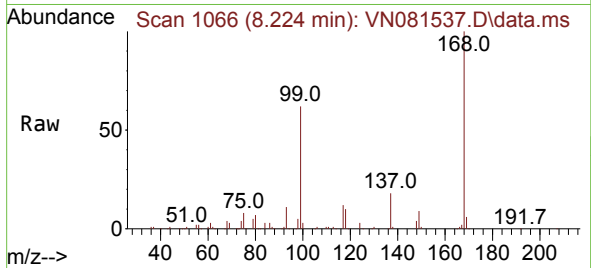




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081537.D
Acq: 22 Mar 2024 10:29

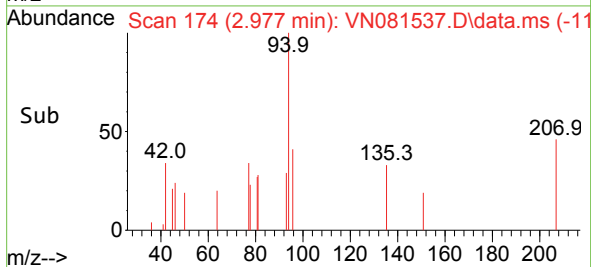
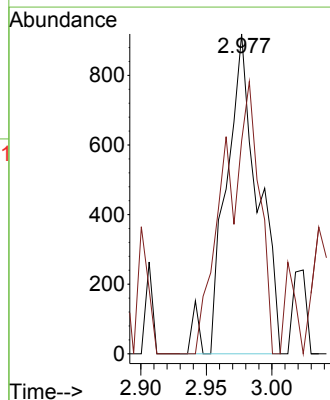
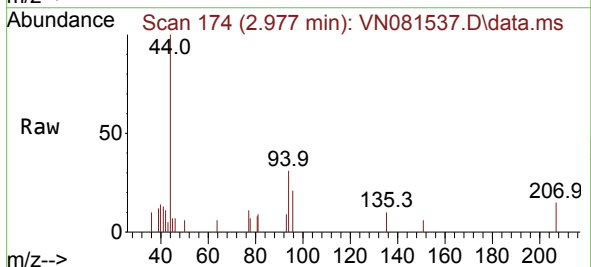
Instrument :
MSVOA_N
ClientSampleId :
VN0322WBL01

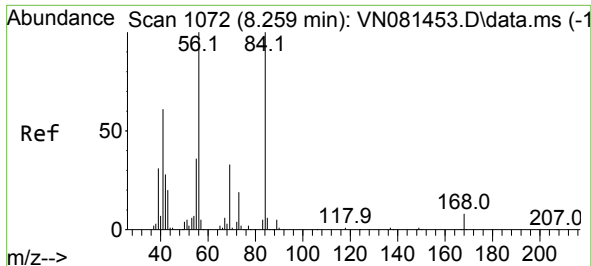
Tgt Ion:168 Resp: 472561
Ion Ratio Lower Upper
168 100
99 61.6 59.9 89.9



#5
Bromomethane
Concen: 0.308 ug/l
RT: 2.977 min Scan# 174
Delta R.T. 0.029 min
Lab File: VN081537.D
Acq: 22 Mar 2024 10:29

Tgt Ion: 94 Resp: 1550
Ion Ratio Lower Upper
94 100
96 66.6 69.2 103.8#

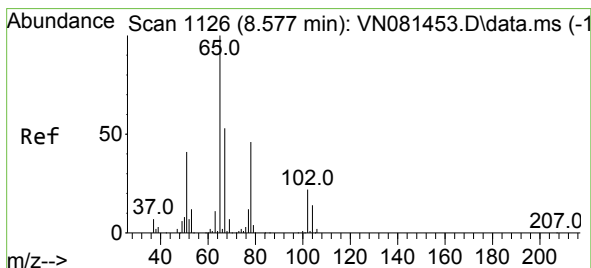
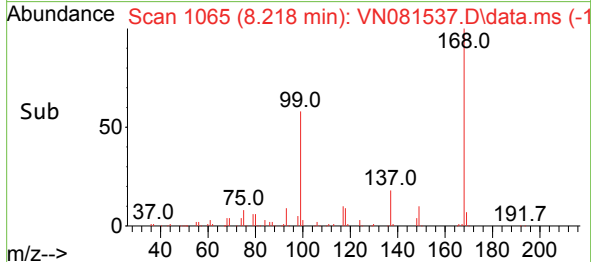
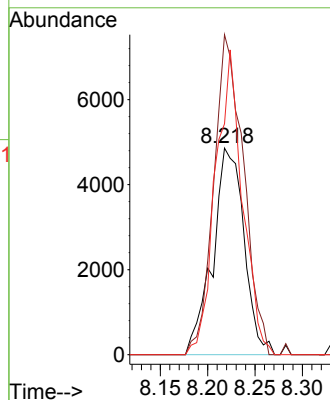
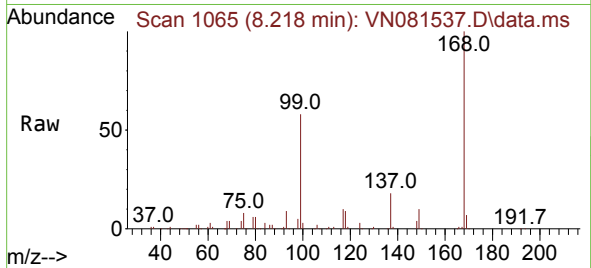




#31
Cyclohexane
Concen: 1.141 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN081537.D
Acq: 22 Mar 2024 10:29

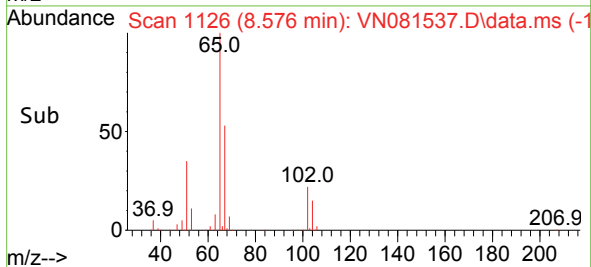
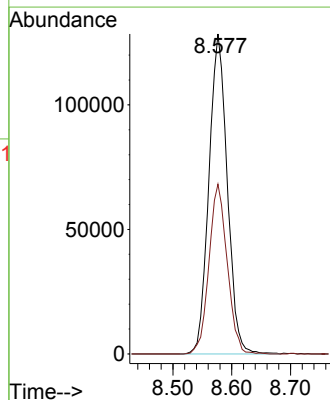
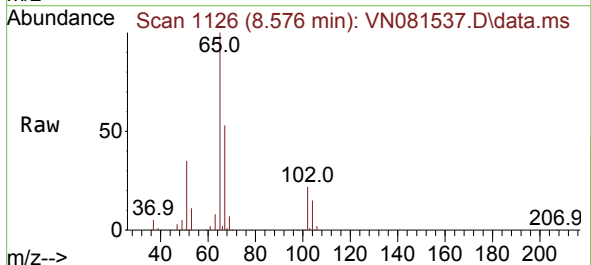
Instrument :
MSVOA_N
ClientSampleId :
VN0322WBL01

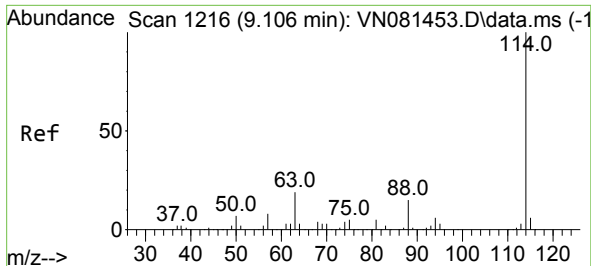
Tgt Ion: 56 Resp: 11192
Ion Ratio Lower Upper
56 100
69 155.0 20.1 30.1#
84 111.8 56.9 85.3#



#33
1,2-Dichloroethane-d4
Concen: 46.165 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN081537.D
Acq: 22 Mar 2024 10:29

Tgt Ion: 65 Resp: 278209
Ion Ratio Lower Upper
65 100
67 52.7 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: VN081537.D

Acq: 22 Mar 2024 10:29

Instrument :

MSVOA_N

ClientSampleId :

VN0322WBL01

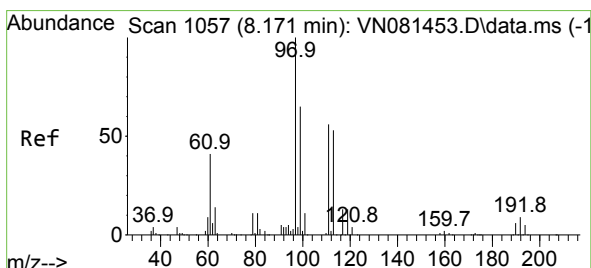
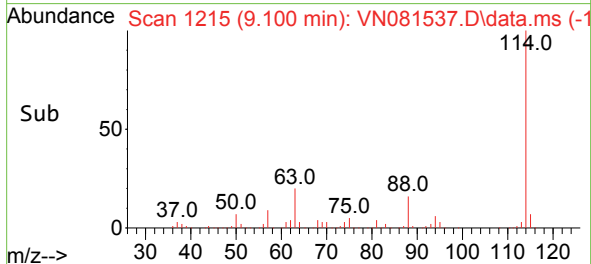
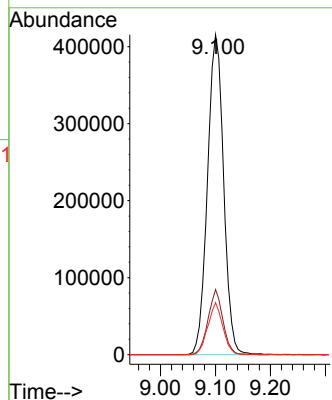
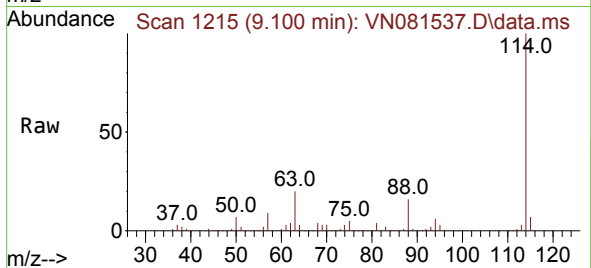
Tgt Ion:114 Resp: 847605

Ion Ratio Lower Upper

114 100

63 20.4 0.0 48.0

88 16.2 0.0 34.8



#35

Dibromofluoromethane

Concen: 43.831 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN081537.D

Acq: 22 Mar 2024 10:29

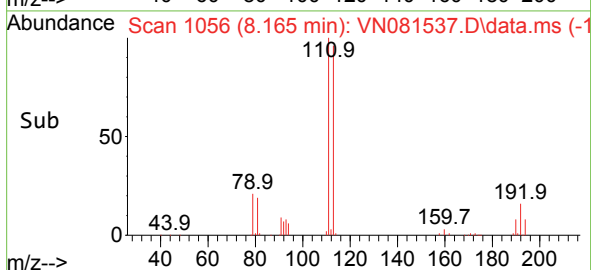
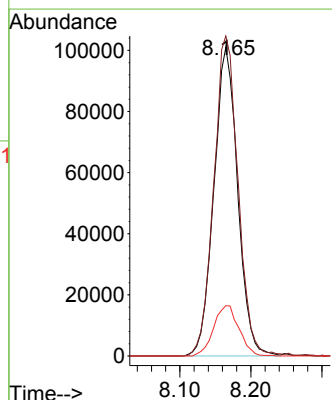
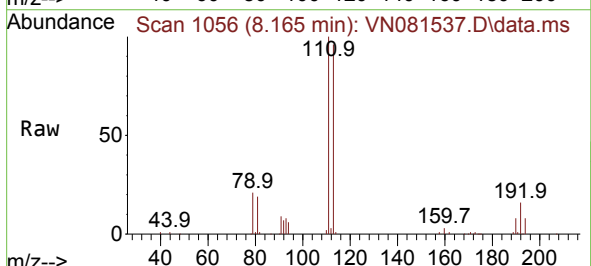
Tgt Ion:113 Resp: 234465

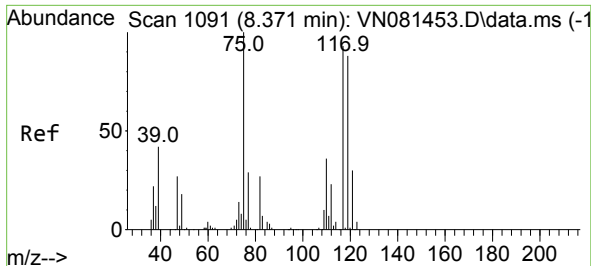
Ion Ratio Lower Upper

113 100

111 105.8 82.2 123.4

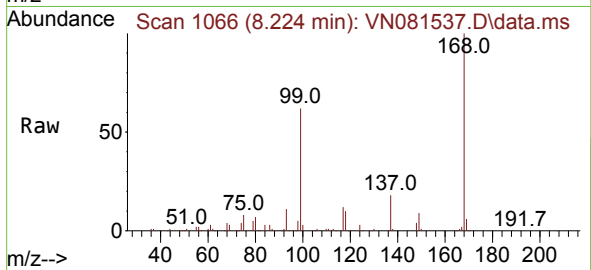
192 17.3 12.5 18.7



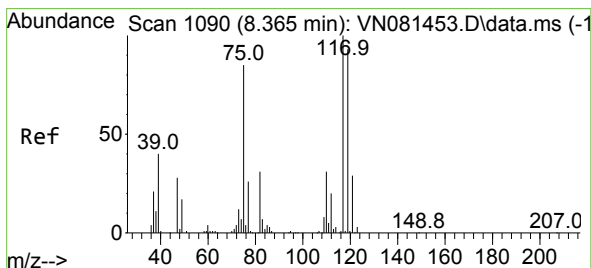
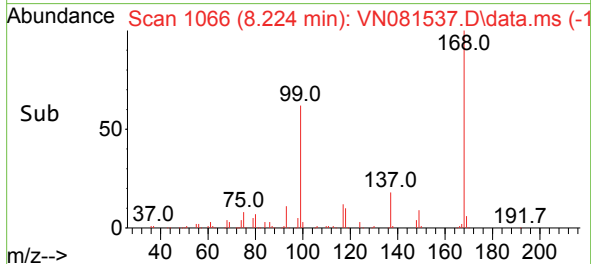
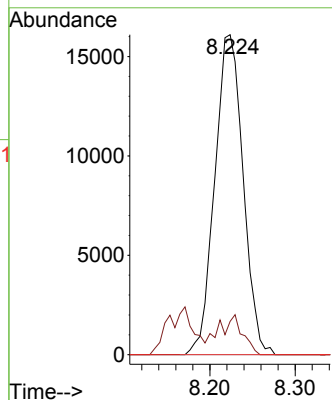


#36
1,1-Dichloropropene
Concen: 4.130 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN081537.D
Acq: 22 Mar 2024 10:29

Instrument :
MSVOA_N
ClientSampleId :
VN0322WBL01

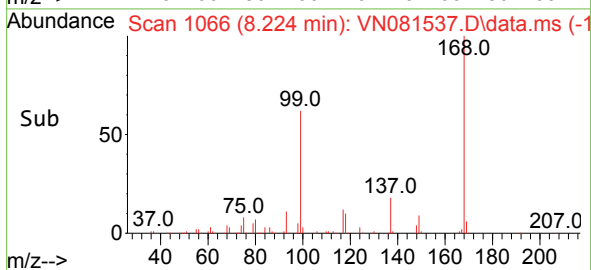
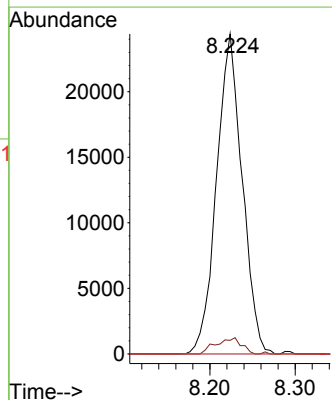
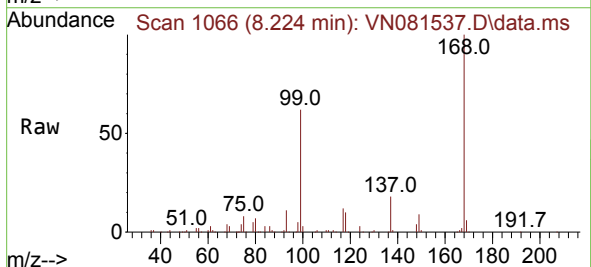


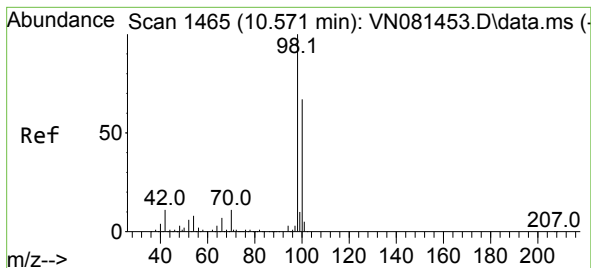
Tgt Ion: 75 Resp: 37179
Ion Ratio Lower Upper
75 100
110 10.6 16.0 48.0#
77 0.0 25.8 38.6#



#38
Carbon Tetrachloride
Concen: 5.164 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN081537.D
Acq: 22 Mar 2024 10:29

Tgt Ion: 117 Resp: 50926
Ion Ratio Lower Upper
117 100
119 4.3 73.4 110.2#
121 0.0 24.4 36.6#

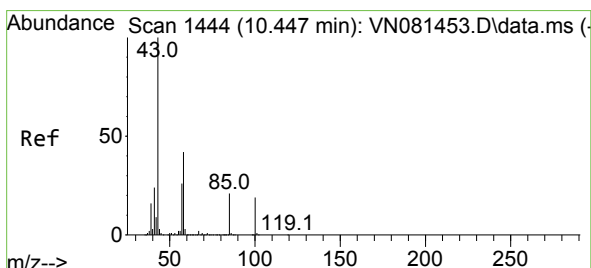
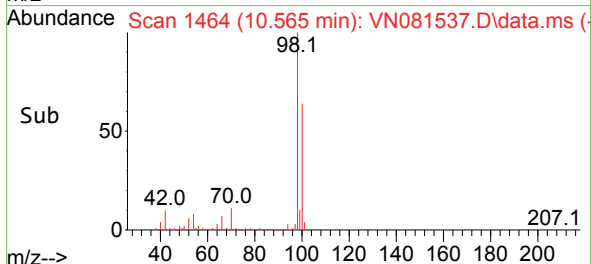
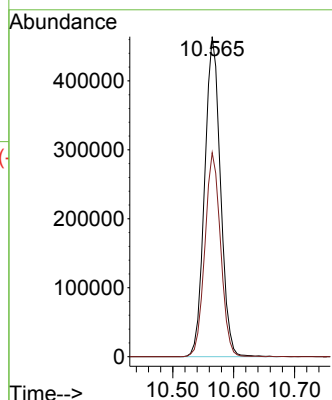
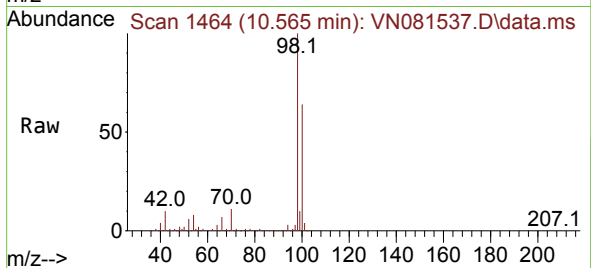




#50
Toluene-d8
Concen: 43.229 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN081537.D
Acq: 22 Mar 2024 10:29

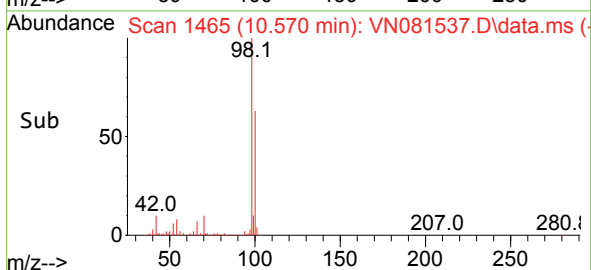
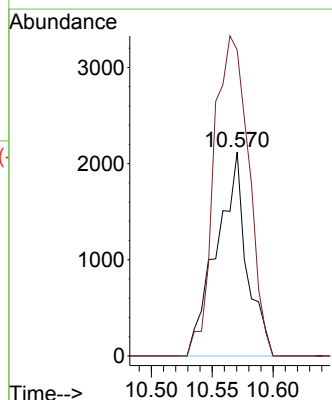
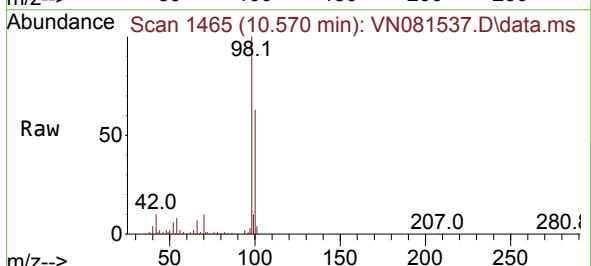
Instrument :
MSVOA_N
ClientSampleId :
VN0322WBL01

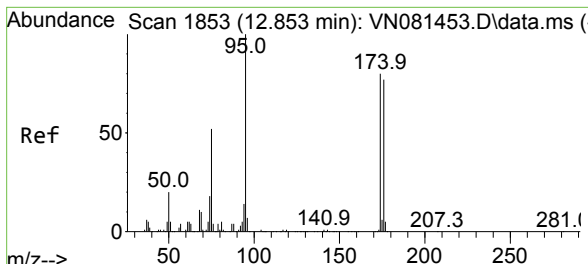
Tgt Ion: 98 Resp: 835918
Ion Ratio Lower Upper
98 100
100 63.3 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 0.467 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.123 min
Lab File: VN081537.D
Acq: 22 Mar 2024 10:29

Tgt Ion: 43 Resp: 3643
Ion Ratio Lower Upper
43 100
58 180.5 29.4 44.0#

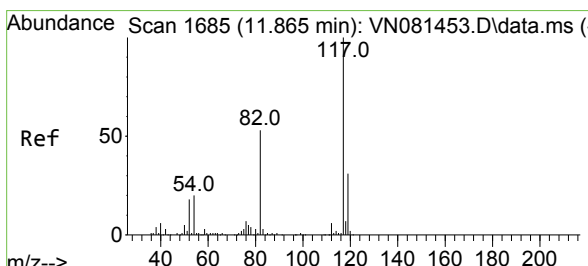
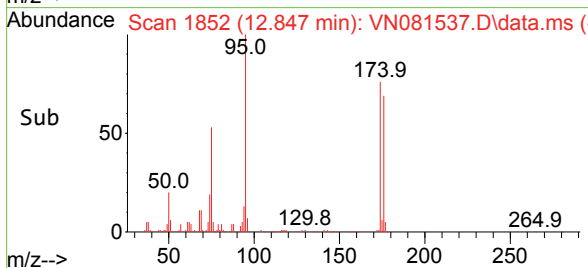
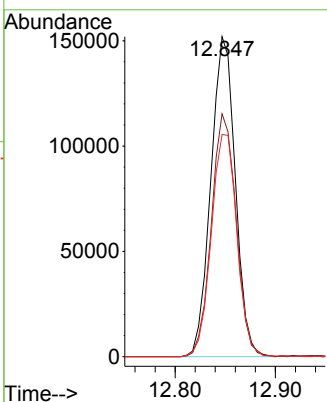
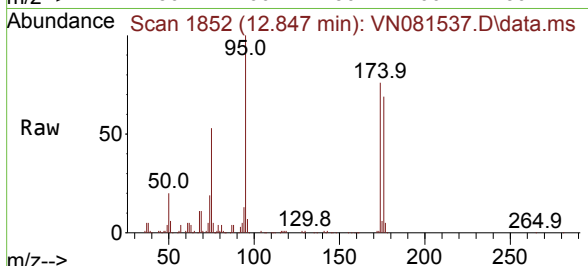




#62
4-Bromofluorobenzene
Concen: 37.731 ug/l
RT: 12.847 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN081537.D
Acq: 22 Mar 2024 10:29

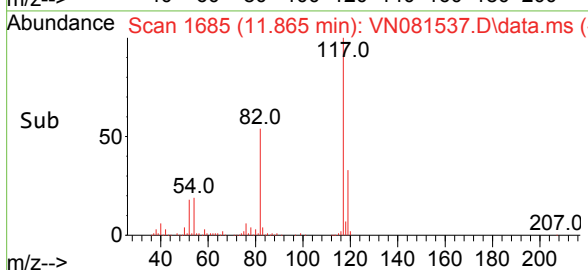
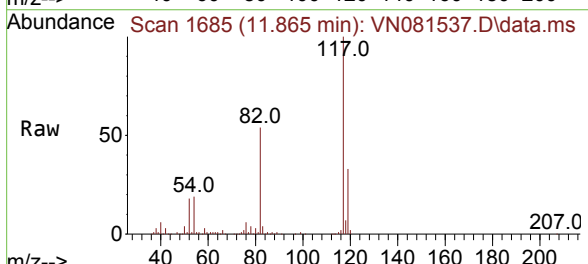
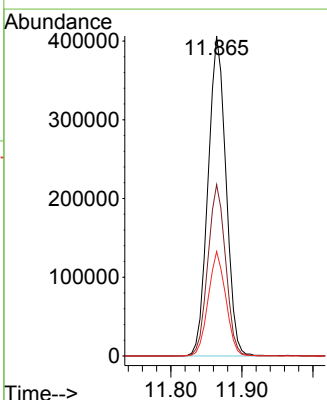
Instrument :
MSVOA_N
ClientSampleId :
VN0322WBL01

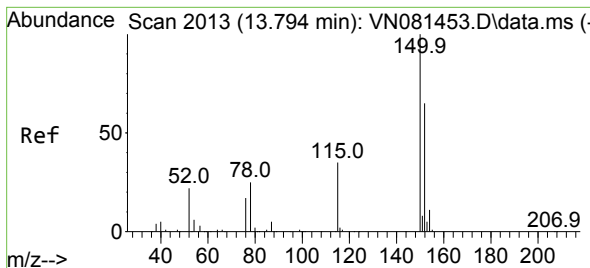
Tgt Ion:	95	Resp:	257081
Ion	Ratio	Lower	Upper
95	100		
174	76.8	0.0	120.4
176	72.8	0.0	121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN081537.D
Acq: 22 Mar 2024 10:29

Tgt Ion:	117	Resp:	710517
Ion	Ratio	Lower	Upper
117	100		
82	53.6	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: VN081537.D

Acq: 22 Mar 2024 10:29

Instrument :

MSVOA_N

ClientSampleId :

VN0322WBL01

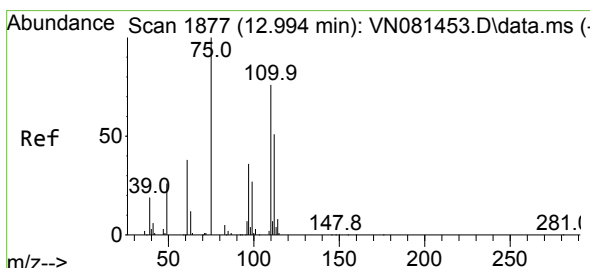
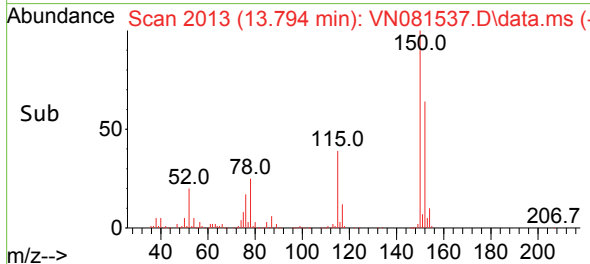
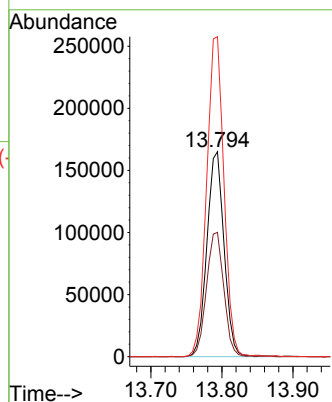
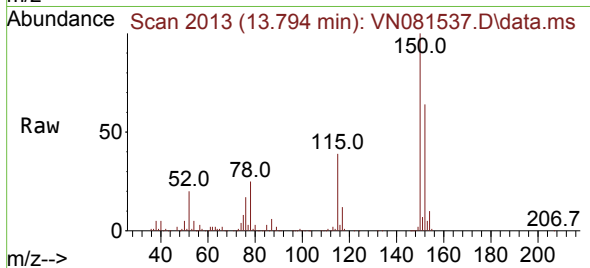
Tgt Ion:152 Resp: 277686

Ion Ratio Lower Upper

152 100

115 61.3 32.3 96.8

150 157.3 0.0 339.8



#76

1,2,3-Trichloropropane

Concen: 20.362 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN081537.D

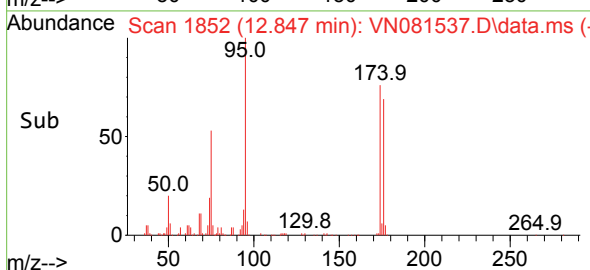
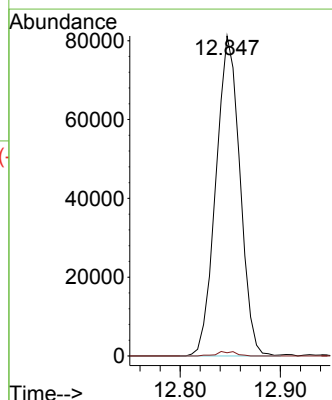
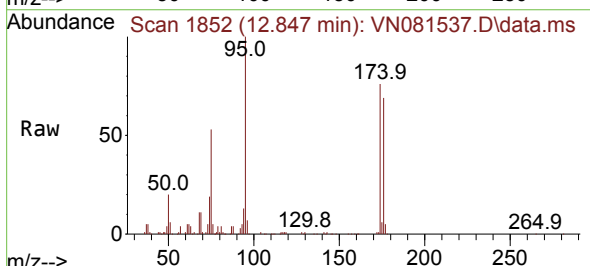
Acq: 22 Mar 2024 10:29

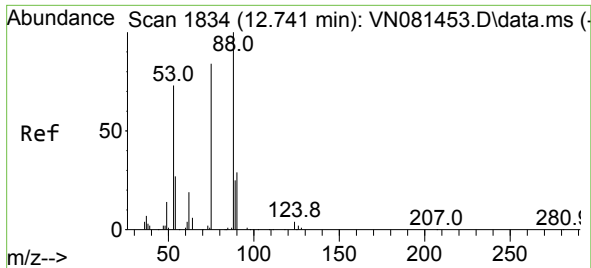
Tgt Ion: 75 Resp: 135250

Ion Ratio Lower Upper

75 100

77 1.1 91.0 272.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 55.024 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VN081537.D
 Acq: 22 Mar 2024 10:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0322WBL01

Tgt Ion: 75 Resp: 135250
 Ion Ratio Lower Upper
 75 100
 53 0.1 71.4 107.2#
 89 0.0 33.4 50.0#

