

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040124\
 Data File : VN081638.D
 Acq On : 01 Apr 2024 10:36
 Operator : JC\MD
 Sample : VN0401WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0401WBL01

Quant Time: Apr 02 01:10:44 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	359075	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	655996	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	602174	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	244192	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	249228	54.427	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.860%
35) Dibromofluoromethane	8.165	113	213782	51.638	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.280%
50) Toluene-d8	10.565	98	785815	52.508	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.020%
62) 4-Bromofluorobenzene	12.847	95	256421	48.626	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	97.260%

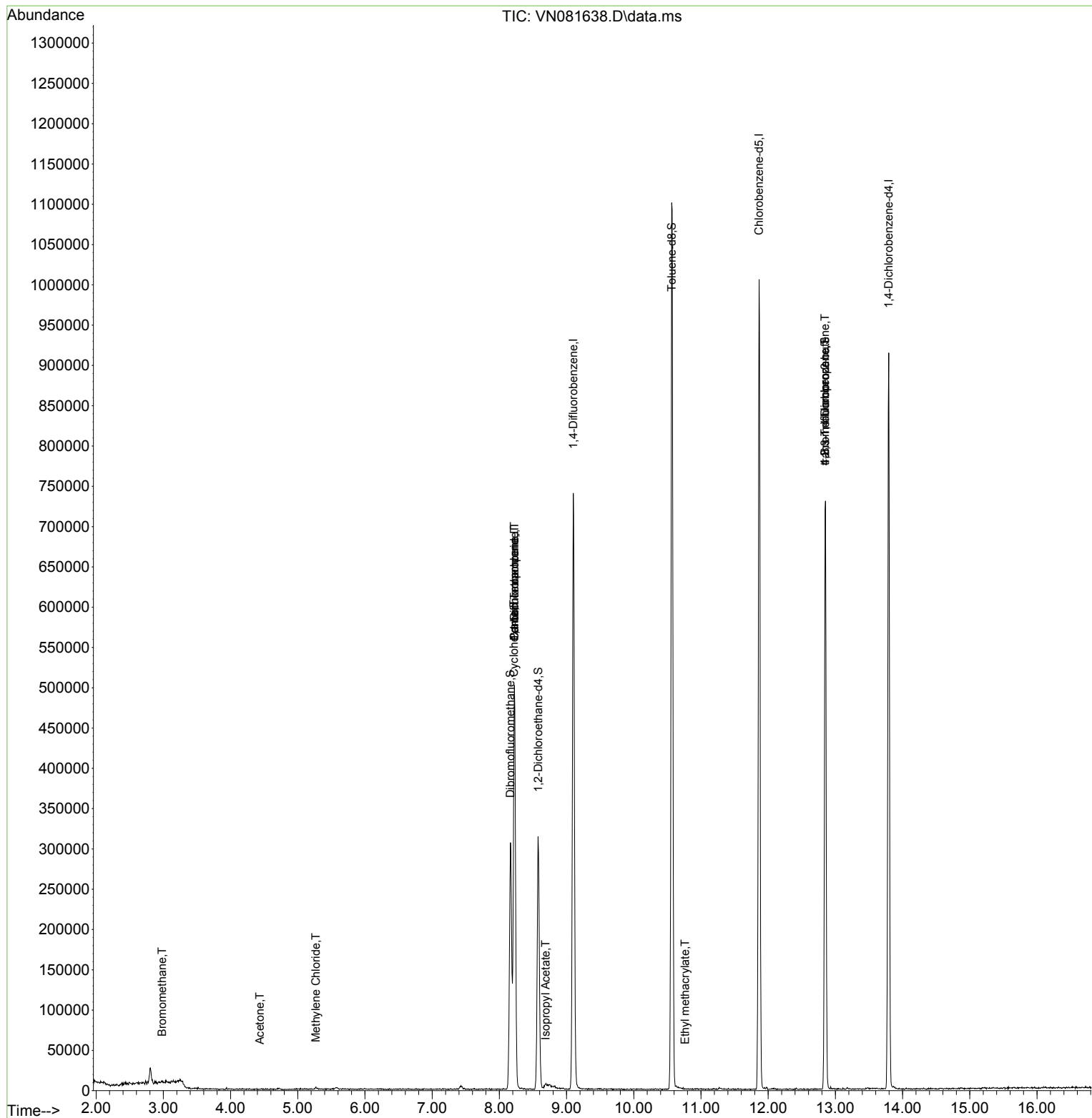
Target Compounds					Qvalue	
5) Bromomethane	2.983	94	1286	0.337	ug/l #	57
16) Acetone	4.436	43	606	0.409	ug/l #	44
20) Methylene Chloride	5.271	84	1322	0.273	ug/l #	80
31) Cyclohexane	8.218	56	7877	1.057	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	30655	4.400	ug/l #	52
38) Carbon Tetrachloride	8.224	117	38550	5.051	ug/l #	18
43) Isopropyl Acetate	8.688	43	5628	0.569	ug/l #	57
56) Ethyl methacrylate	10.765	69	55	0.578	ug/l #	20
76) 1,2,3-Trichloropropane	12.847	75	132448	22.675	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	132448	61.275	ug/l #	14

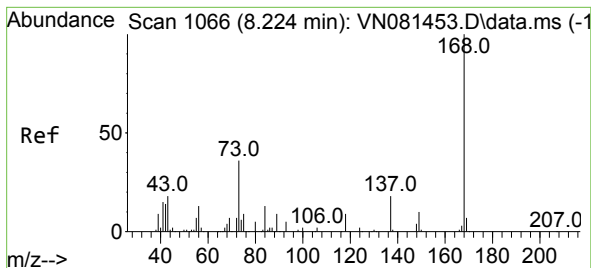
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040124\
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Sample : VN0401WBL01
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Quant Time: Apr 02 01:10:44 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN081638.D

Acq: 01 Apr 2024 10:36

Instrument :

MSVOA_N

ClientSampleId :

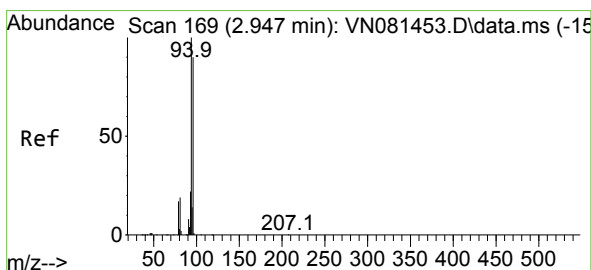
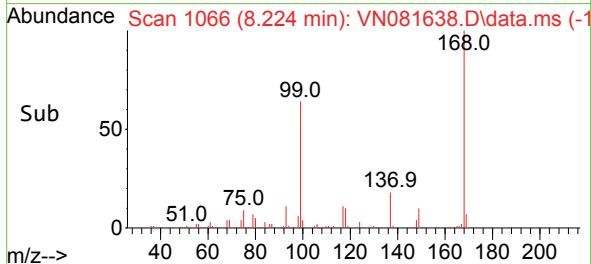
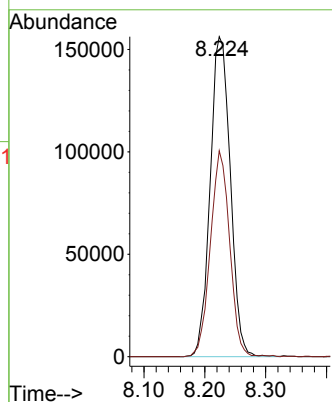
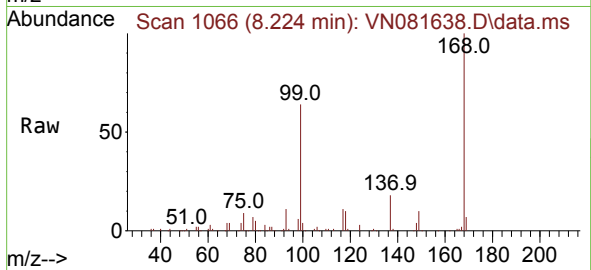
VN0401WBL01

Tgt Ion:168 Resp: 359075

Ion Ratio Lower Upper

168 100

99 64.4 59.9 89.9



#5

Bromomethane

Concen: 0.337 ug/l

RT: 2.983 min Scan# 175

Delta R.T. 0.035 min

Lab File: VN081638.D

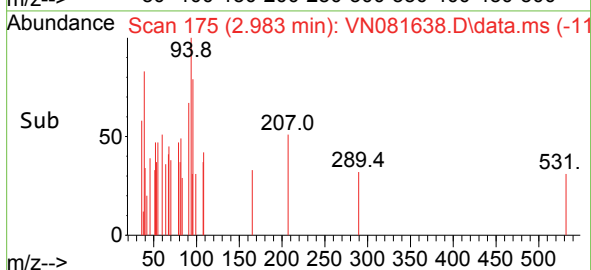
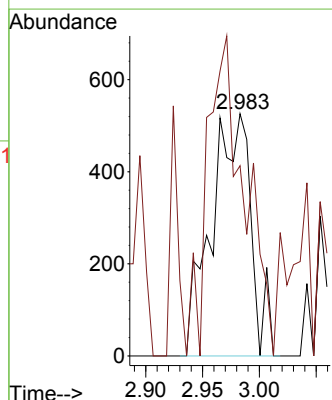
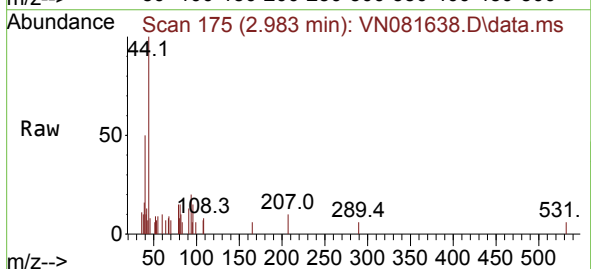
Acq: 01 Apr 2024 10:36

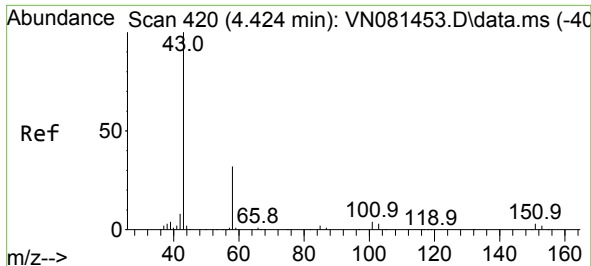
Tgt Ion: 94 Resp: 1286

Ion Ratio Lower Upper

94 100

96 47.3 69.2 103.8#

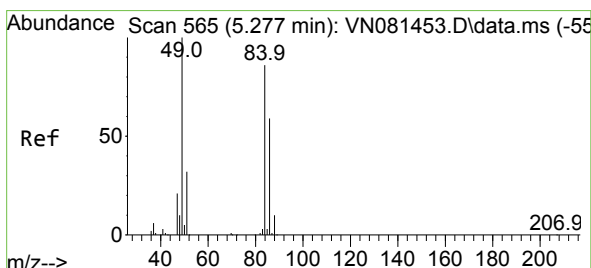
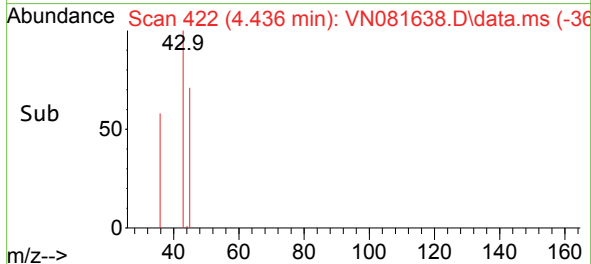
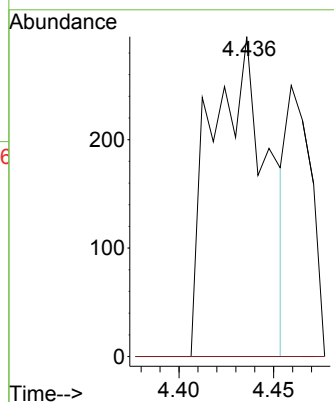
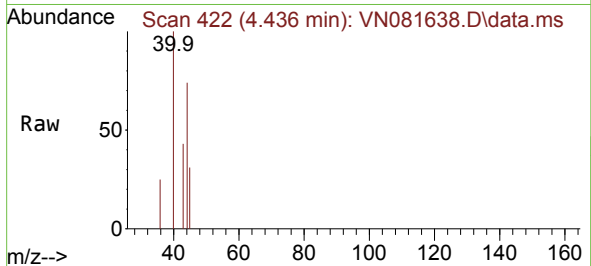




#16
Acetone
Concen: 0.409 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN081638.D
Acq: 01 Apr 2024 10:36

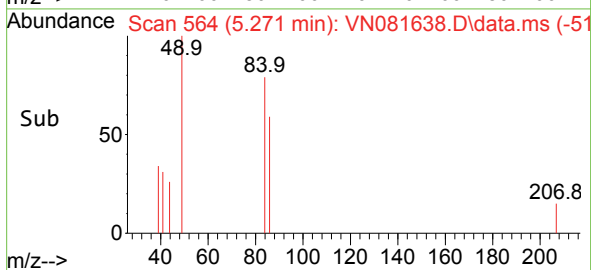
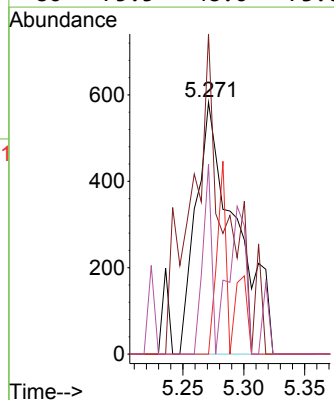
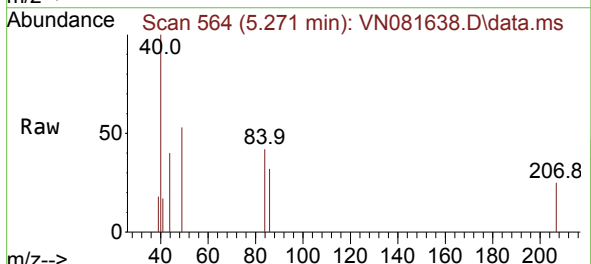
Instrument :
MSVOA_N
ClientSampleId :
VN0401WBL01

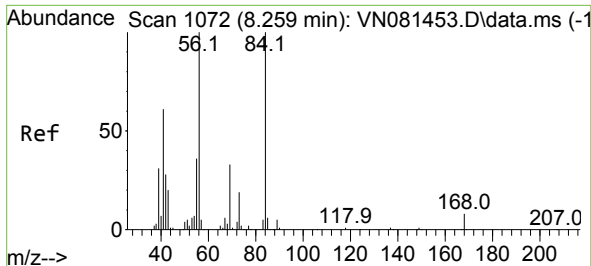
Tgt Ion: 43 Resp: 606
Ion Ratio Lower Upper
43 100
58 0.0 24.8 37.2#



#20
Methylene Chloride
Concen: 0.273 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN081638.D
Acq: 01 Apr 2024 10:36

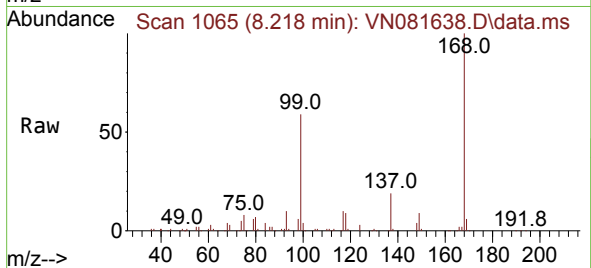
Tgt Ion: 84 Resp: 1322
Ion Ratio Lower Upper
84 100
49 127.1 108.1 162.1
51 0.0 32.9 49.3#
86 75.5 48.6 73.0#



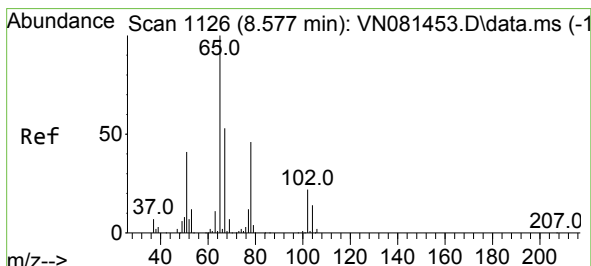
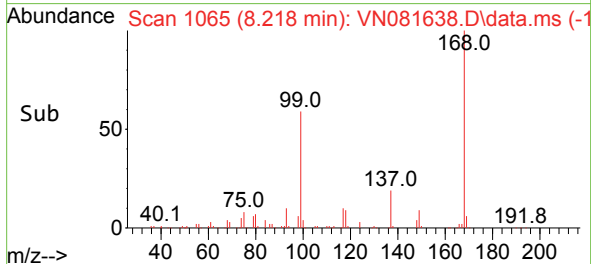
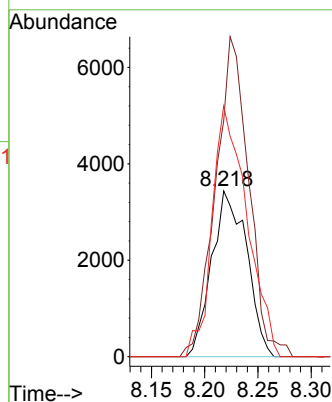


#31
Cyclohexane
Concen: 1.057 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN081638.D
Acq: 01 Apr 2024 10:36

Instrument :
MSVOA_N
ClientSampleId :
VN0401WBL01

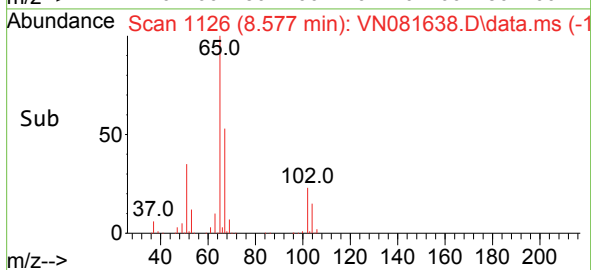
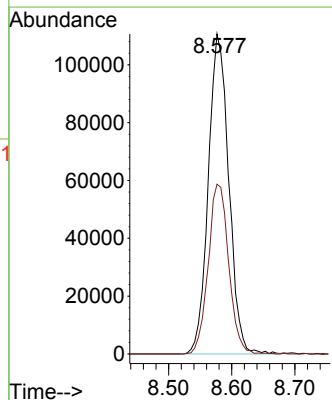
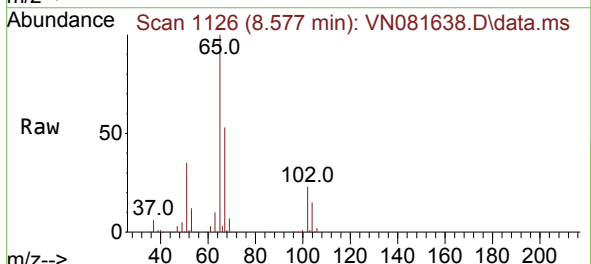


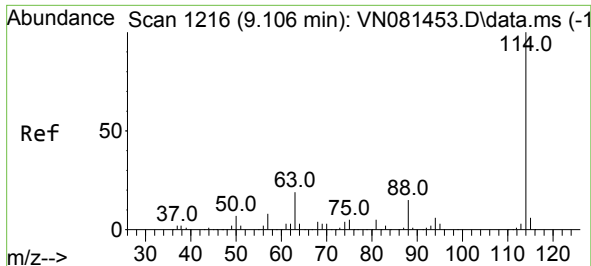
Tgt Ion: 56 Resp: 7877
Ion Ratio Lower Upper
56 100
69 142.5 20.1 30.1#
84 151.2 56.9 85.3#



#33
1,2-Dichloroethane-d4
Concen: 54.427 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081638.D
Acq: 01 Apr 2024 10:36

Tgt Ion: 65 Resp: 249228
Ion Ratio Lower Upper
65 100
67 53.1 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: VN081638.D

Acq: 01 Apr 2024 10:36

Instrument :

MSVOA_N

ClientSampleId :

VN0401WBL01

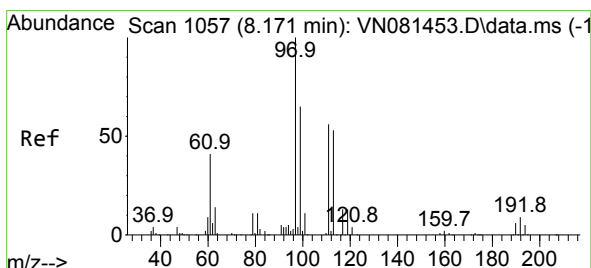
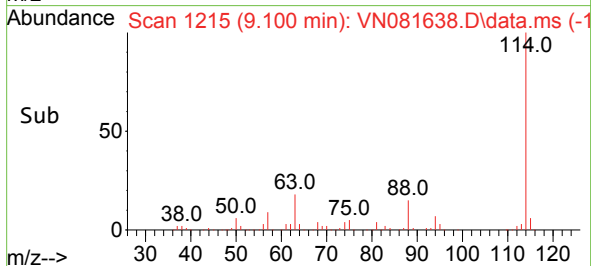
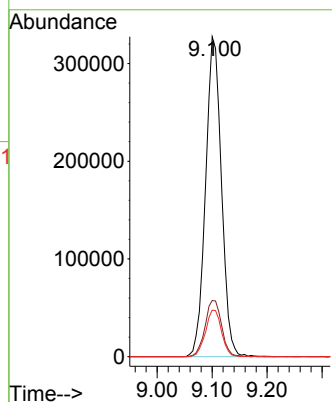
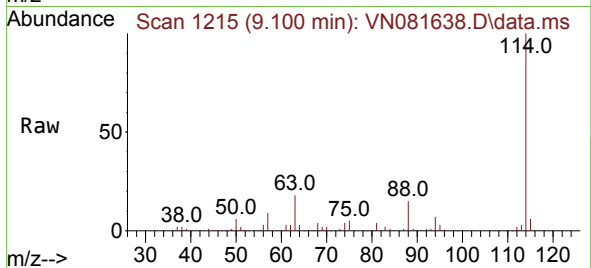
Tgt Ion:114 Resp: 655996

Ion Ratio Lower Upper

114 100

63 17.6 0.0 48.0

88 14.6 0.0 34.8



#35

Dibromofluoromethane

Concen: 51.638 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN081638.D

Acq: 01 Apr 2024 10:36

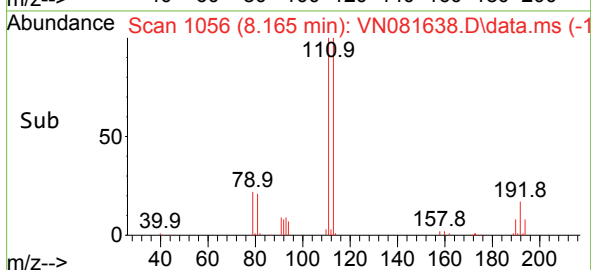
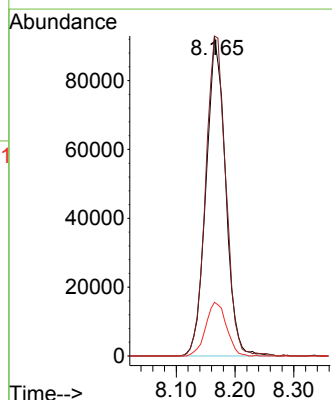
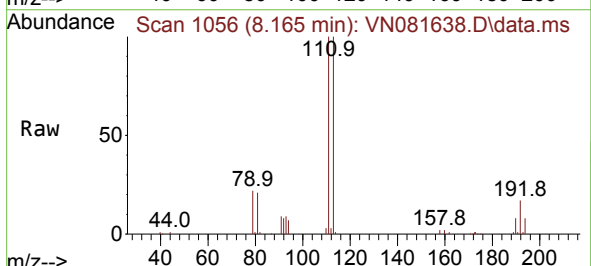
Tgt Ion:113 Resp: 213782

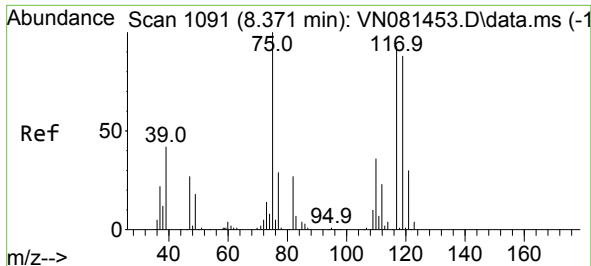
Ion Ratio Lower Upper

113 100

111 103.4 82.2 123.4

192 17.8 12.5 18.7





#36

1,1-Dichloropropene

Concen: 4.400 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN081638.D

Acq: 01 Apr 2024 10:36

Instrument :

MSVOA_N

ClientSampleId :

VN0401WBL01

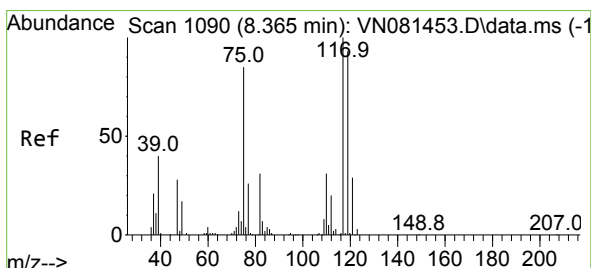
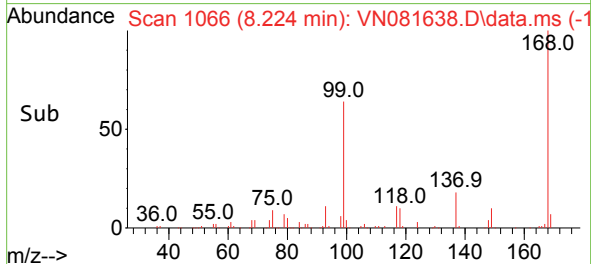
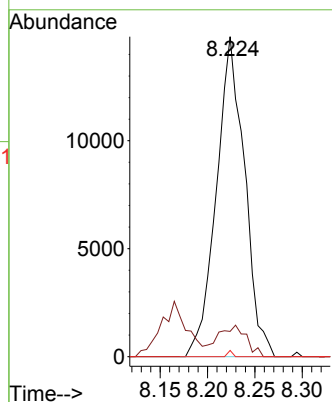
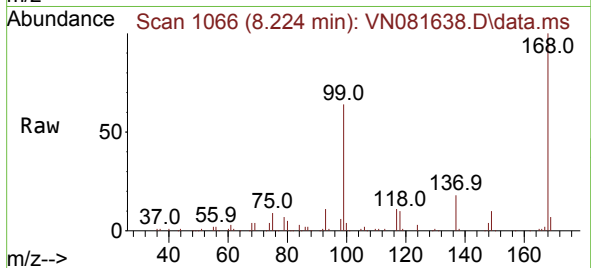
Tgt Ion: 75 Resp: 30655

Ion Ratio Lower Upper

75 100

110 10.2 16.0 48.0#

77 0.3 25.8 38.6#



#38

Carbon Tetrachloride

Concen: 5.051 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN081638.D

Acq: 01 Apr 2024 10:36

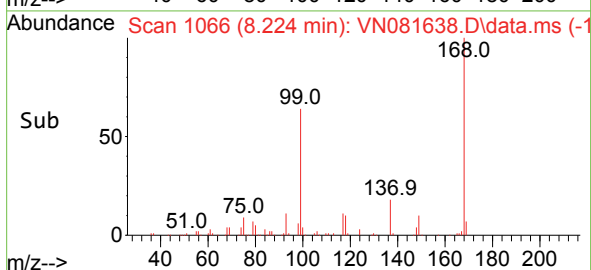
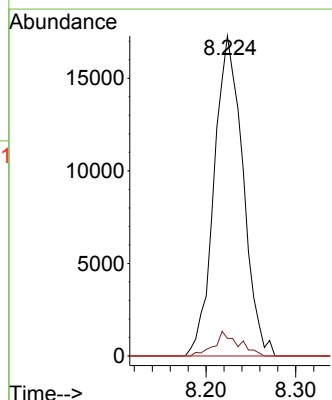
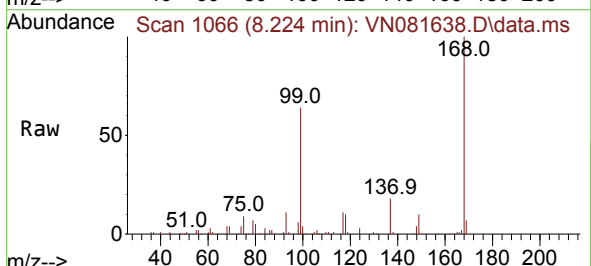
Tgt Ion: 117 Resp: 38550

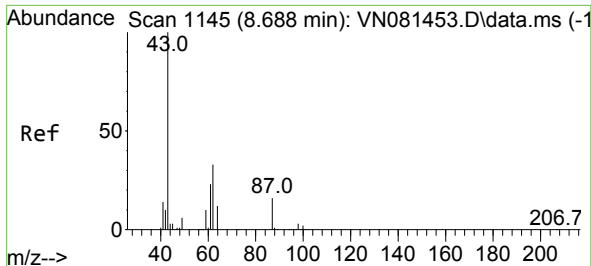
Ion Ratio Lower Upper

117 100

119 5.5 73.4 110.2#

121 0.0 24.4 36.6#

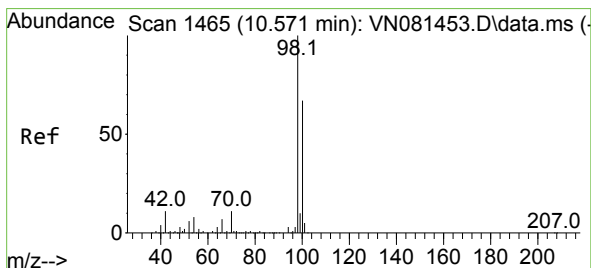
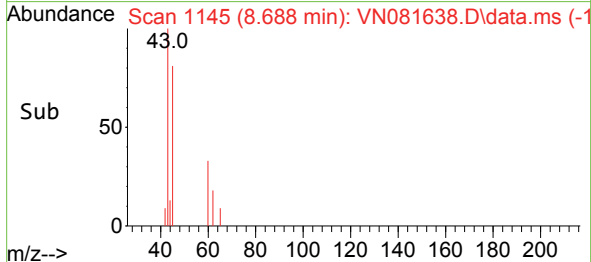
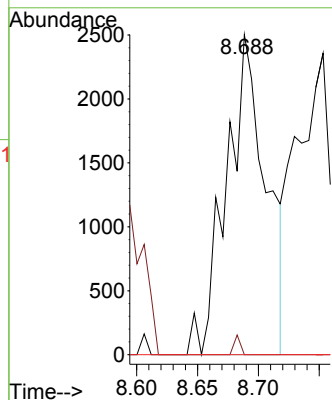
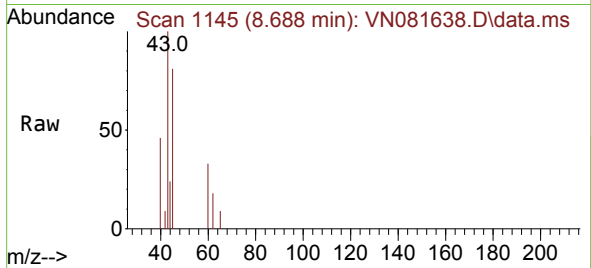




#43
Isopropyl Acetate
Concen: 0.569 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081638.D
Acq: 01 Apr 2024 10:36

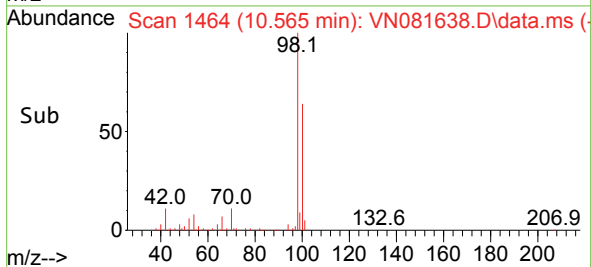
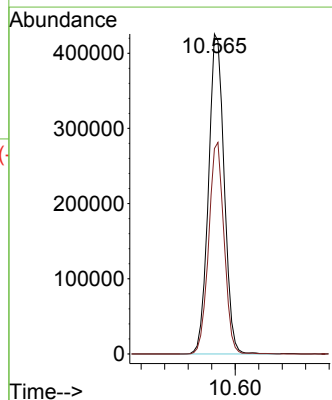
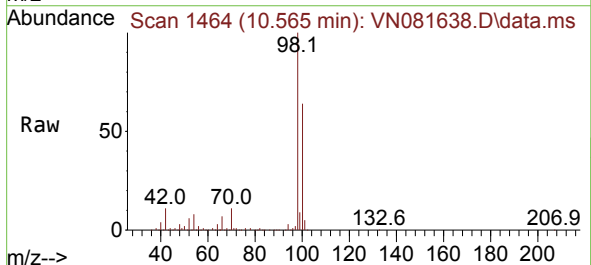
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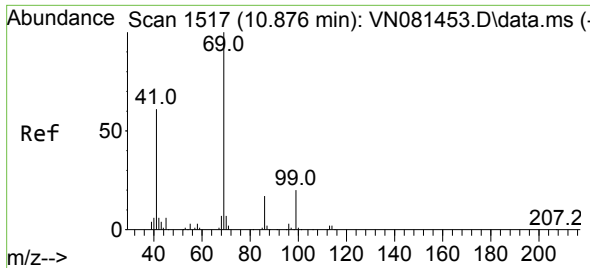
Tgt Ion: 43 Resp: 5628
Ion Ratio Lower Upper
43 100
61 0.0 19.9 29.9#
87 0.0 9.0 13.6#



#50
Toluene-d8
Concen: 52.508 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN081638.D
Acq: 01 Apr 2024 10:36

Tgt Ion: 98 Resp: 785815
Ion Ratio Lower Upper
98 100
100 64.9 51.4 77.0

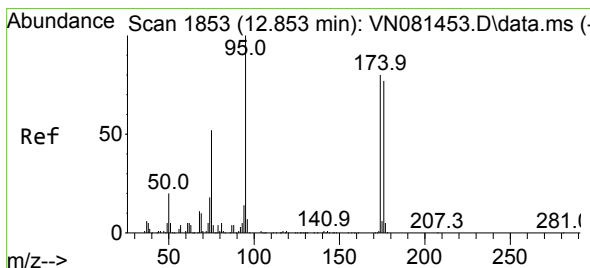
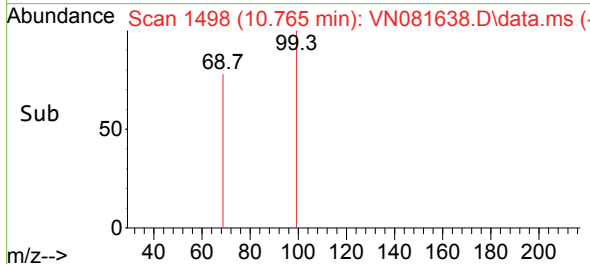
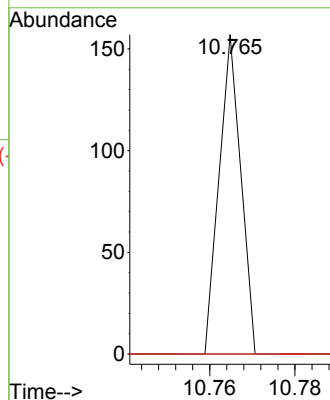
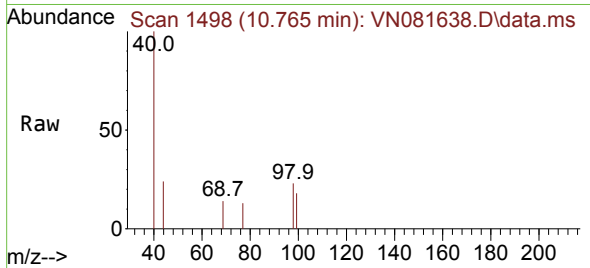




#56
Ethyl methacrylate
Concen: 0.578 ug/l
RT: 10.765 min Scan# 1498
Delta R.T. -0.111 min
Lab File: VN081638.D
Acq: 01 Apr 2024 10:36

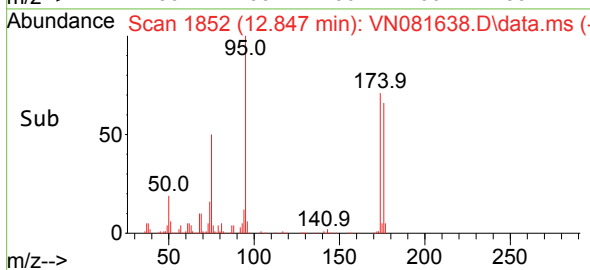
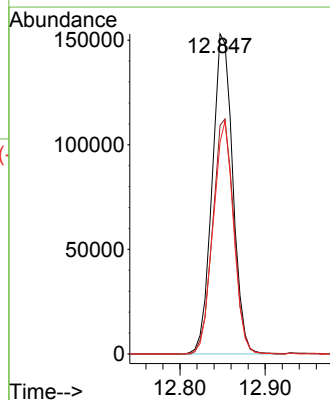
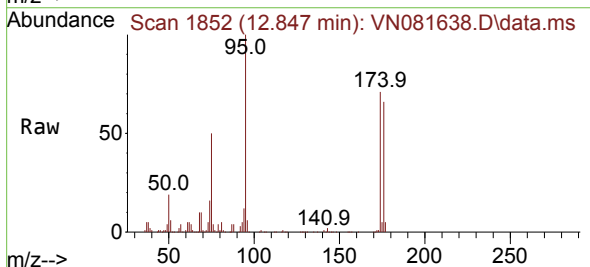
Instrument :
MSVOA_N
ClientSampleId :
VN0401WBL01

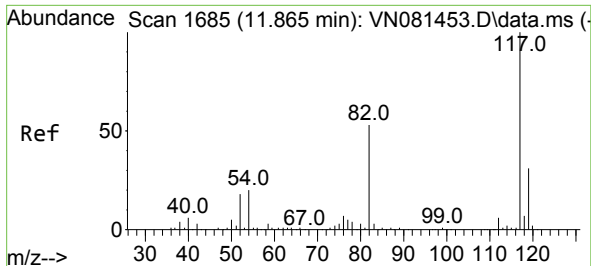
Tgt Ion: 69 Resp: 55
Ion Ratio Lower Upper
69 100
41 0.0 61.0 91.6#
39 0.0 31.8 47.6#



#62
4-Bromofluorobenzene
Concen: 48.626 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081638.D
Acq: 01 Apr 2024 10:36

Tgt Ion: 95 Resp: 256421
Ion Ratio Lower Upper
95 100
174 75.7 0.0 120.4
176 72.4 0.0 121.0

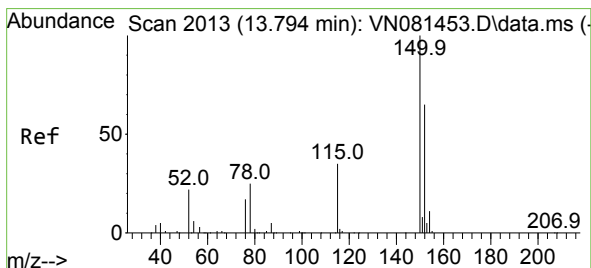
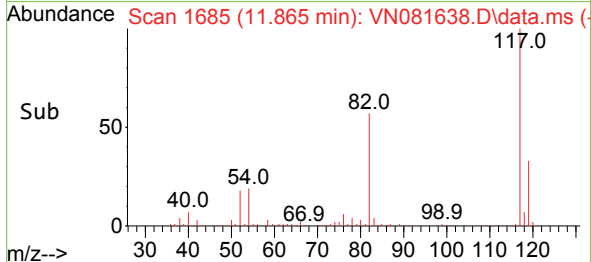
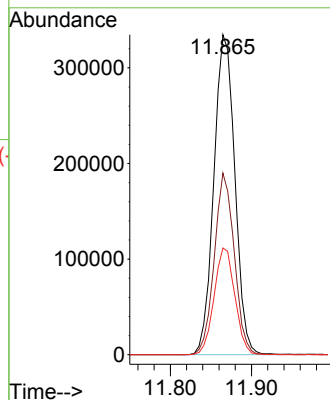
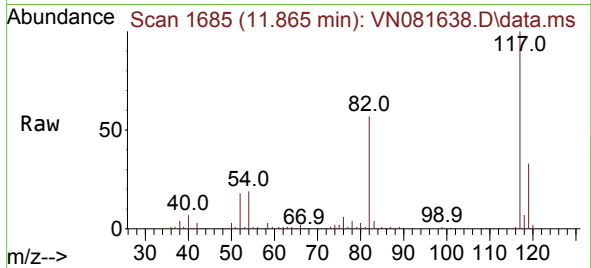




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081638.D
Acq: 01 Apr 2024 10:36

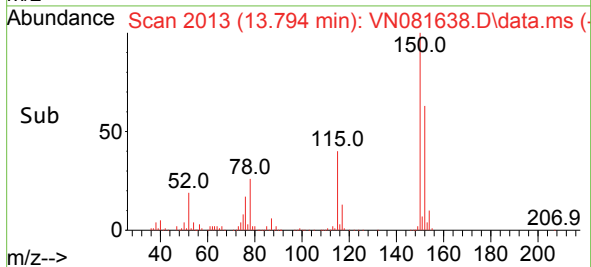
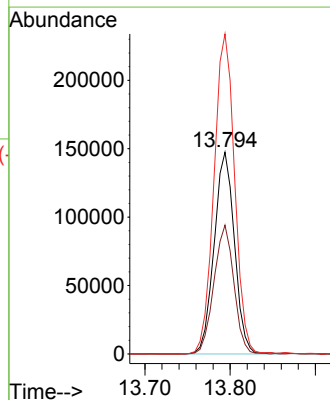
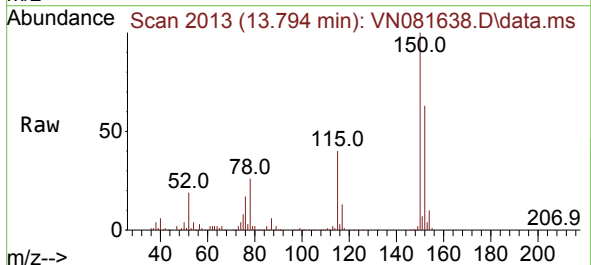
Instrument :
MSVOA_N
ClientSampleId :
VN0401WBL01

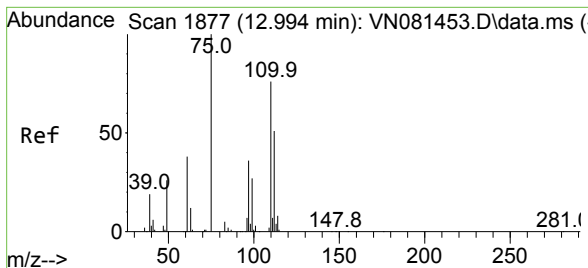
Tgt Ion:117 Resp: 602174
Ion Ratio Lower Upper
117 100
82 56.7 52.7 79.1
119 33.4 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081638.D
Acq: 01 Apr 2024 10:36

Tgt Ion:152 Resp: 244192
Ion Ratio Lower Upper
152 100
115 62.8 32.3 96.8
150 161.1 0.0 339.8





#76

1,2,3-Trichloropropane

Concen: 22.675 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN081638.D

Acq: 01 Apr 2024 10:36

Instrument :

MSVOA_N

ClientSampleId :

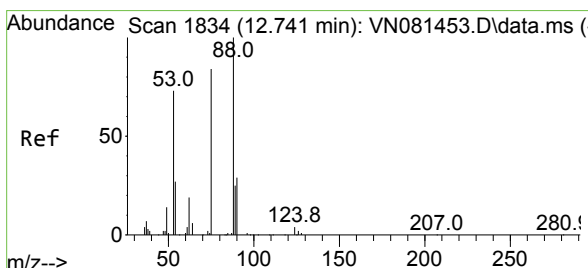
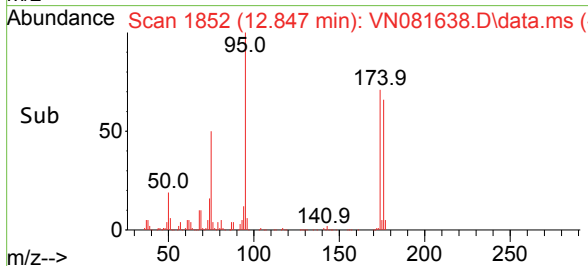
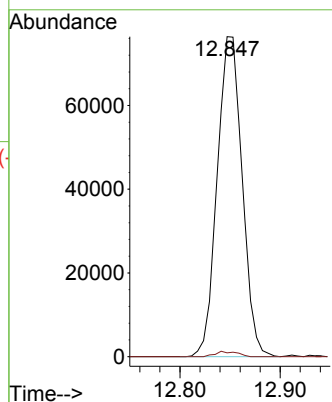
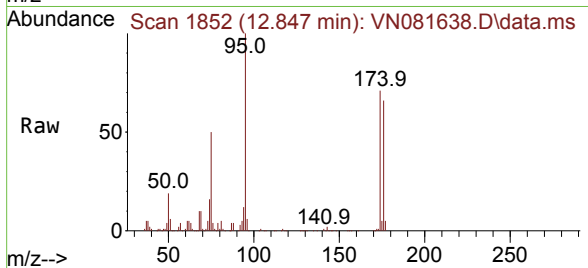
VN0401WBL01

Tgt Ion: 75 Resp: 132448

Ion Ratio Lower Upper

75 100

77 1.4 91.0 272.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 61.275 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.106 min

Lab File: VN081638.D

Acq: 01 Apr 2024 10:36

Tgt Ion: 75 Resp: 132448

Ion Ratio Lower Upper

75 100

53 0.1 71.4 107.2#

89 0.0 33.4 50.0#

