

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032024\
 Data File : VN081503.D
 Acq On : 20 Mar 2024 18:58
 Operator : JC\MD
 Sample : P1820-01 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 21 01:24:56 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)

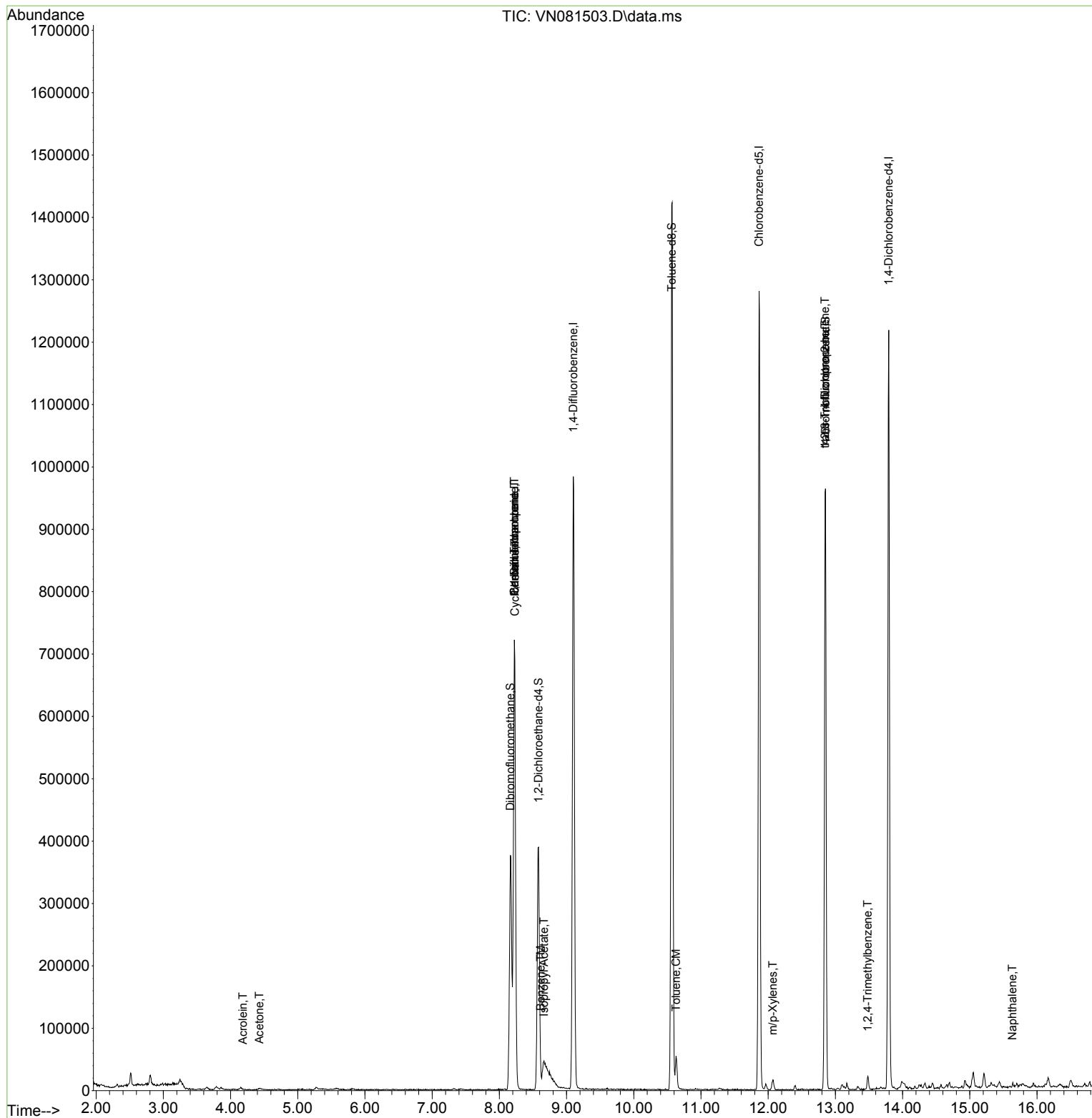
Internal Standards						
1) Pentafluorobenzene	8.224	168	528756	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	896492	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	771222	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	325050	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	317473	47.082	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.160%		
35) Dibromofluoromethane	8.165	113	271720	48.026	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.060%		
50) Toluene-d8	10.565	98	1021552	49.948	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.900%		
62) 4-Bromofluorobenzene	12.853	95	332680	46.163	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	92.320%		
Target Compounds						Qvalue
13) Acrolein	4.183	56	322	0.305	ug/l	# 15
16) Acetone	4.430	43	4659	2.138	ug/l	# 79
31) Cyclohexane	8.230	56	11514	1.049	ug/l	# 1
36) 1,1-Dichloropropene	8.224	75	41851	4.395	ug/l	# 50
38) Carbon Tetrachloride	8.224	117	54341	5.210	ug/l	# 19
40) Benzene	8.612	78	13712	0.493	ug/l	95
43) Isopropyl Acetate	8.665	43	76042	5.627	ug/l	# 57
52) Toluene	10.629	92	22870	1.293	ug/l	96
68) m/p-Xylenes	12.071	106	4969	0.419	ug/l	92
76) 1,2,3-Trichloropropane	12.847	75	177213	22.792	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.847	75	177213	61.590	ug/l	# 14
84) 1,2,4-Trimethylbenzene	13.482	105	12001	0.522	ug/l	99
95) Naphthalene	15.635	128	5563	0.245	ug/l	# 90

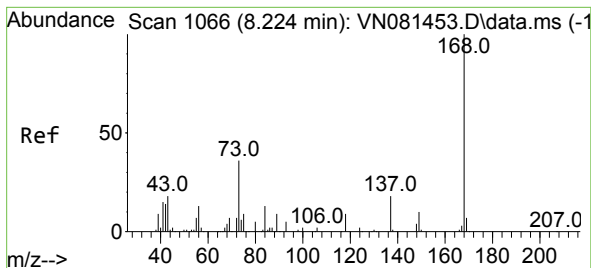
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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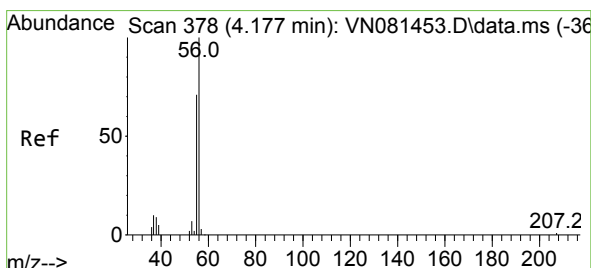
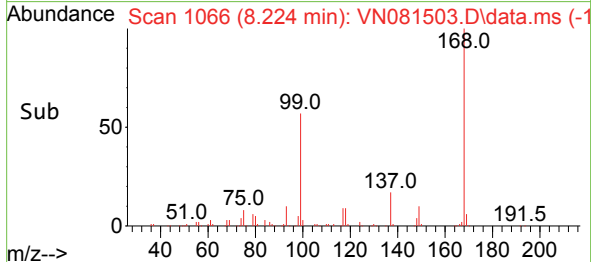
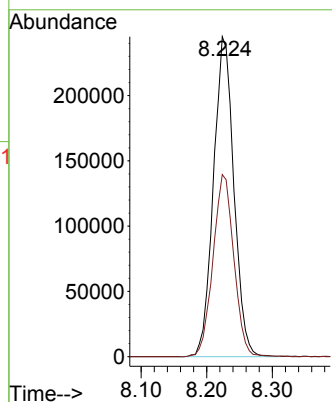
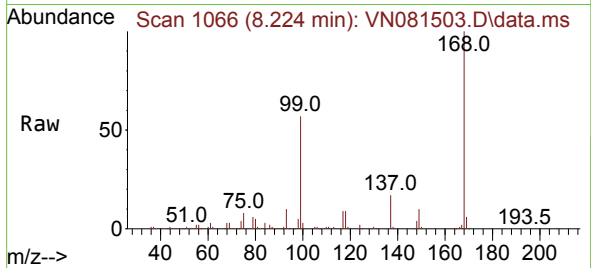




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081503.D
Acq: 20 Mar 2024 18:58

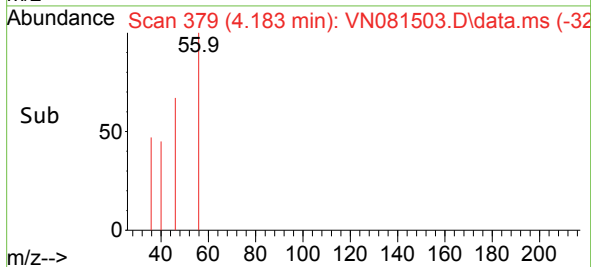
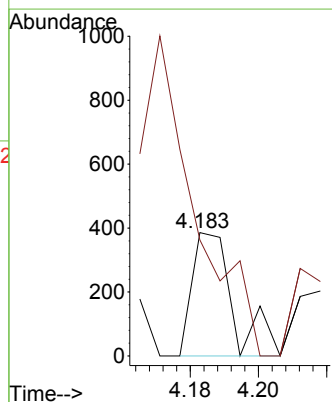
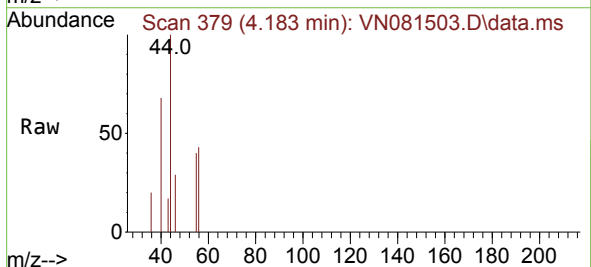
Instrument :
MSVOA_N
ClientSampleId :

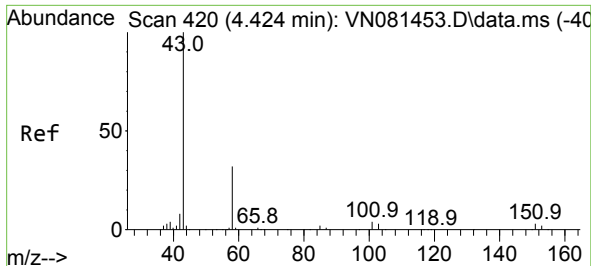
Tgt Ion:168 Resp: 528756
Ion Ratio Lower Upper
168 100
99 56.9 59.9 89.9#



#13
Acrolein
Concen: 0.305 ug/l
RT: 4.183 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN081503.D
Acq: 20 Mar 2024 18:58

Tgt Ion: 56 Resp: 322
Ion Ratio Lower Upper
56 100
55 0.0 55.3 82.9#

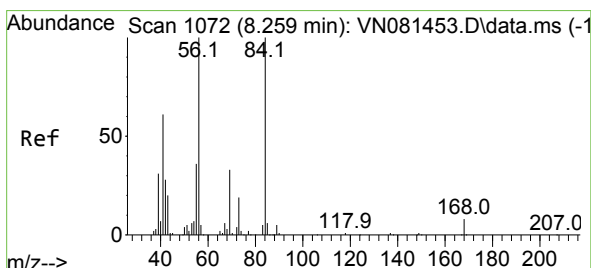
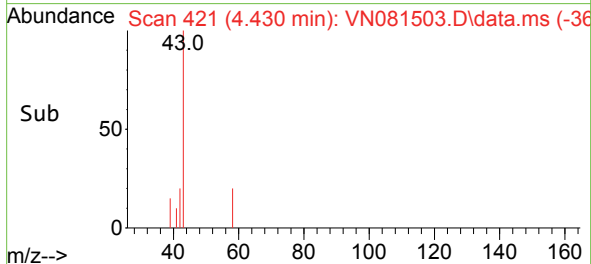
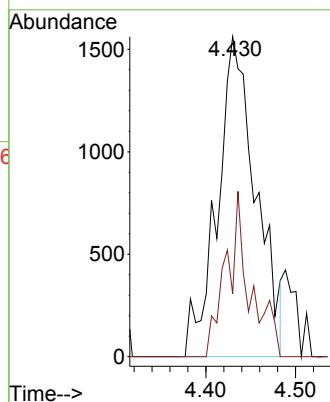
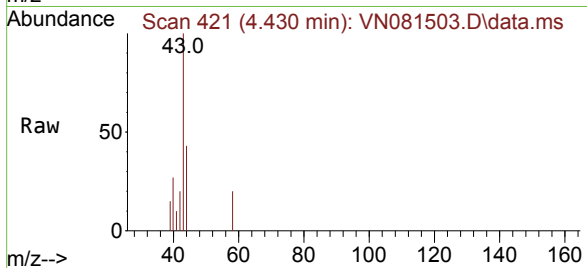




#16
Acetone
Concen: 2.138 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN081503.D
Acq: 20 Mar 2024 18:58

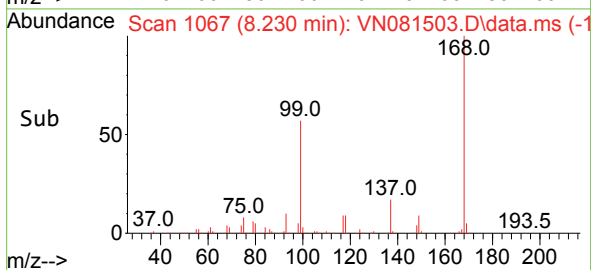
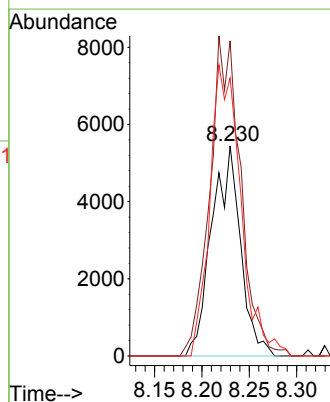
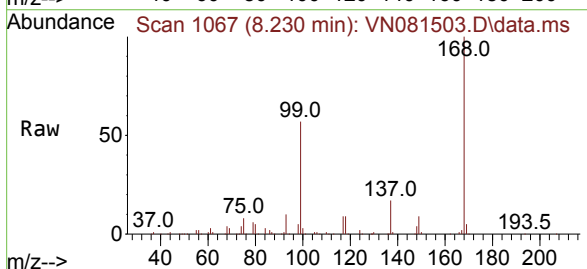
Instrument :
MSVOA_N
ClientSampleId :

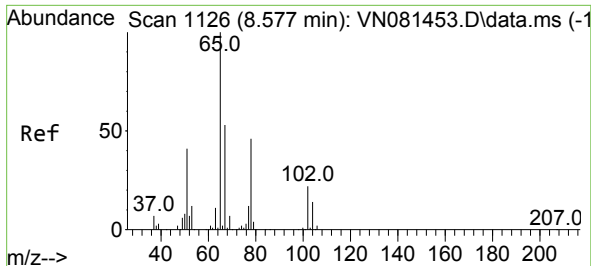
Tgt Ion: 43 Resp: 4659
Ion Ratio Lower Upper
43 100
58 19.7 24.8 37.2#



#31
Cyclohexane
Concen: 1.049 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN081503.D
Acq: 20 Mar 2024 18:58

Tgt Ion: 56 Resp: 11514
Ion Ratio Lower Upper
56 100
69 150.0 20.1 30.1#
84 132.3 56.9 85.3#





#33

1,2-Dichloroethane-d4

Concen: 47.082 ug/l

RT: 8.583 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN081503.D

Acq: 20 Mar 2024 18:58

Instrument :

MSVOA_N

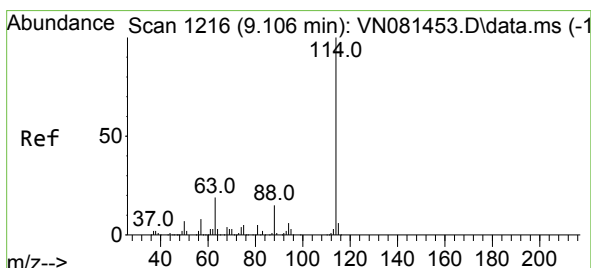
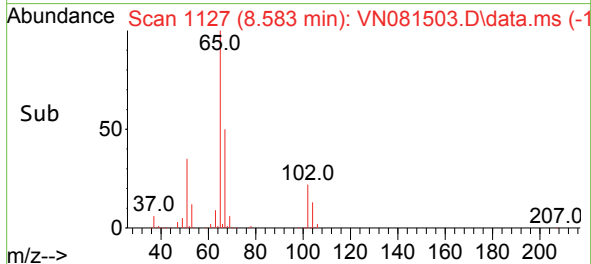
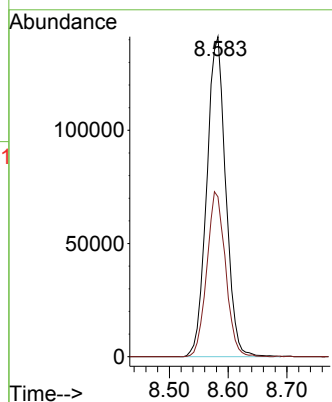
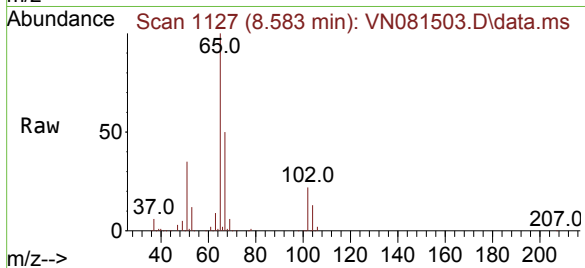
ClientSampleId :

Tgt Ion: 65 Resp: 317473

Ion Ratio Lower Upper

65 100

67 50.8 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN081503.D

Acq: 20 Mar 2024 18:58

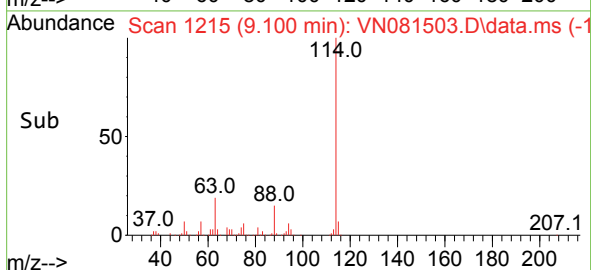
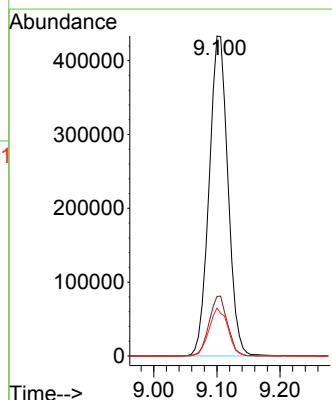
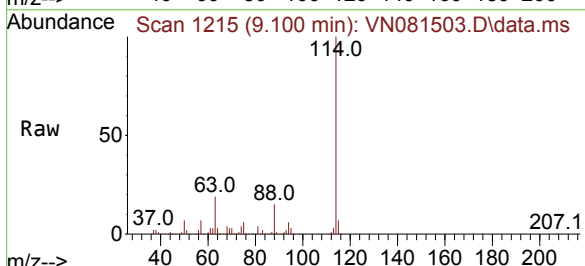
Tgt Ion: 114 Resp: 896492

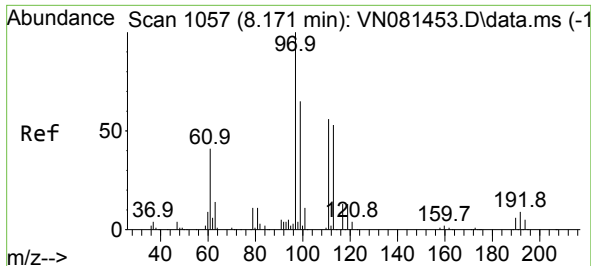
Ion Ratio Lower Upper

114 100

63 18.6 0.0 48.0

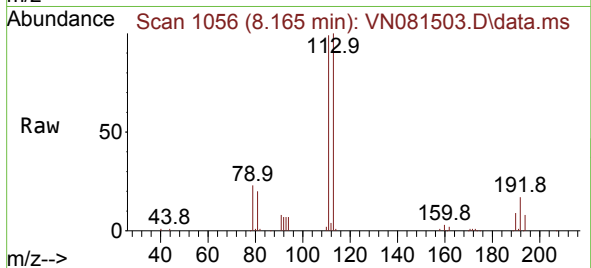
88 15.0 0.0 34.8



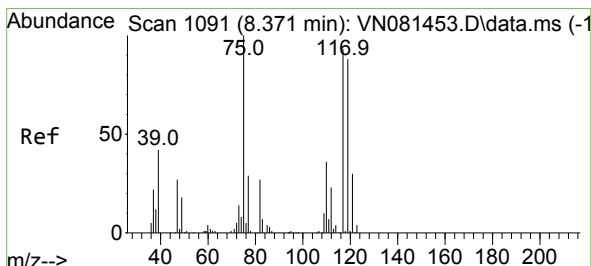
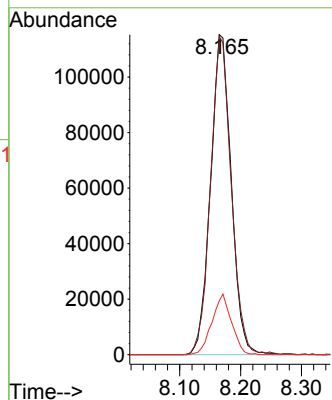
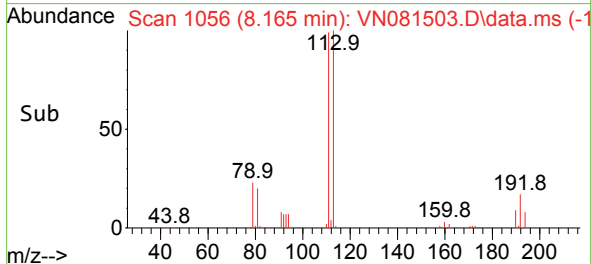


#35
 Dibromofluoromethane
 Concen: 48.026 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. -0.006 min
 Lab File: VN081503.D
 Acq: 20 Mar 2024 18:58

Instrument :
 MSVOA_N
 ClientSampleId :

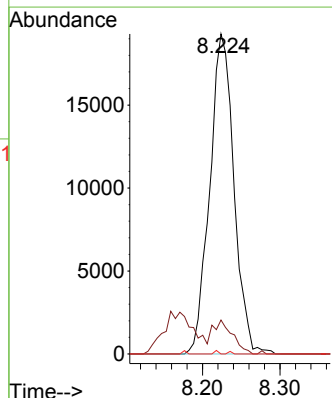
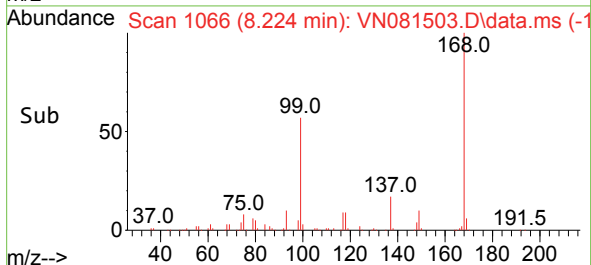
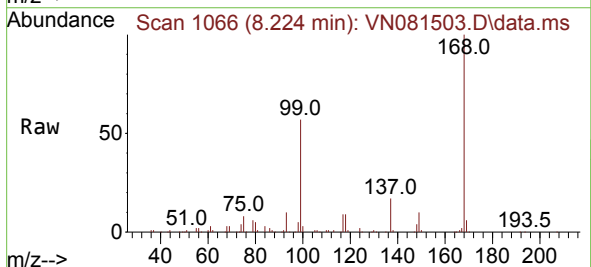


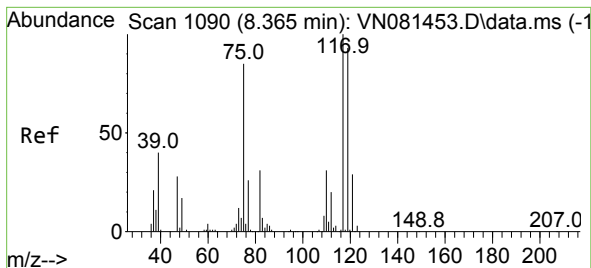
Tgt Ion:113 Resp: 271720
 Ion Ratio Lower Upper
 113 100
 111 99.9 82.2 123.4
 192 17.9 12.5 18.7



#36
 1,1-Dichloropropene
 Concen: 4.395 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.147 min
 Lab File: VN081503.D
 Acq: 20 Mar 2024 18:58

Tgt Ion: 75 Resp: 41851
 Ion Ratio Lower Upper
 75 100
 110 8.7 16.0 48.0#
 77 0.0 25.8 38.6#





#38

Carbon Tetrachloride

Concen: 5.210 ug/l

RT: 8.224 min Scan# 110

Delta R.T. -0.141 min

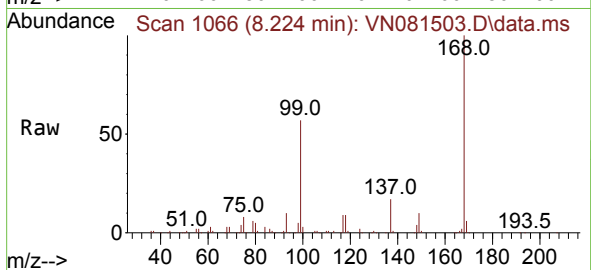
Lab File: VN081503.D

Acq: 20 Mar 2024 18:58

Instrument :

MSVOA_N

ClientSampleId :



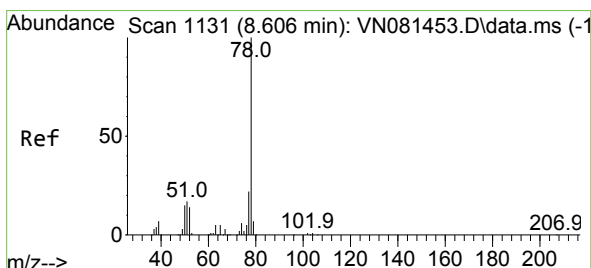
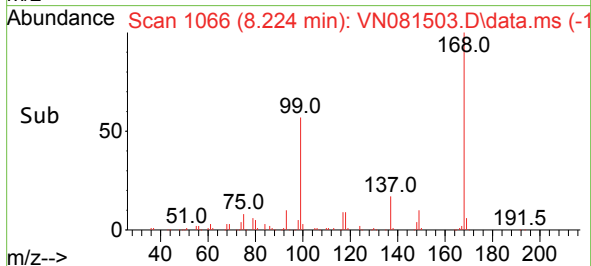
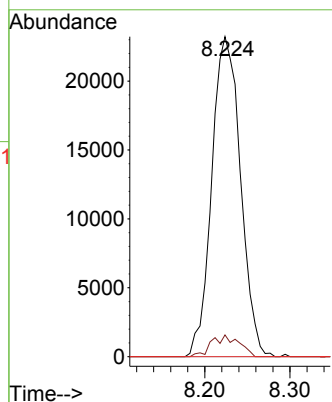
Tgt Ion:117 Resp: 54341

Ion Ratio Lower Upper

117 100

119 6.8 73.4 110.2#

121 0.0 24.4 36.6#



#40

Benzene

Concen: 0.493 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VN081503.D

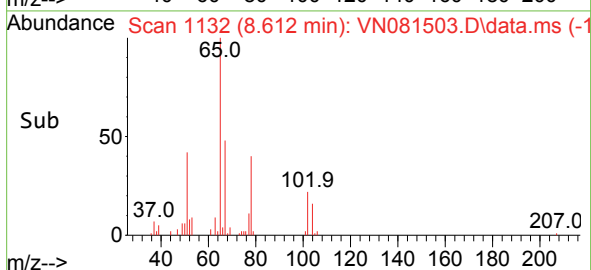
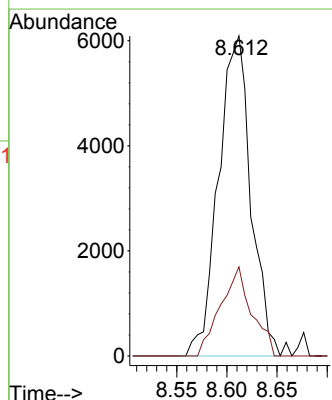
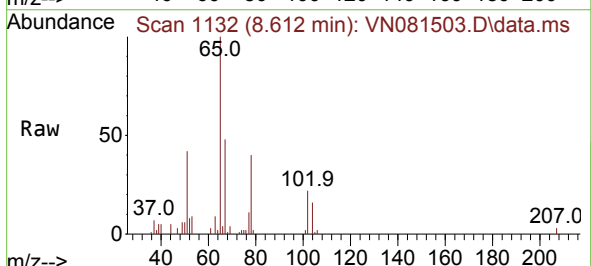
Acq: 20 Mar 2024 18:58

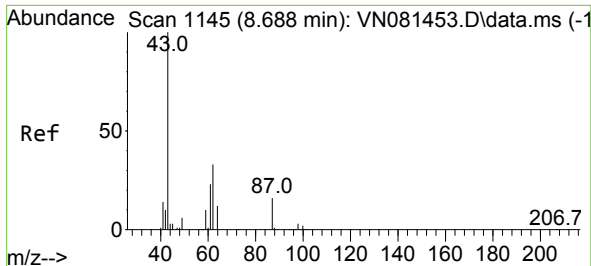
Tgt Ion: 78 Resp: 13712

Ion Ratio Lower Upper

78 100

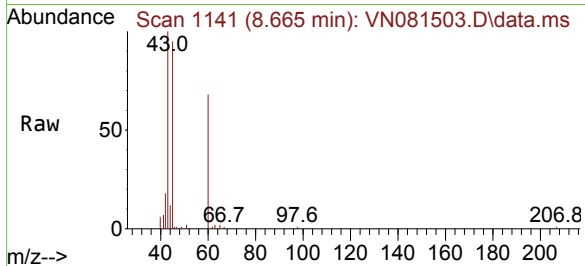
77 27.9 20.4 30.6



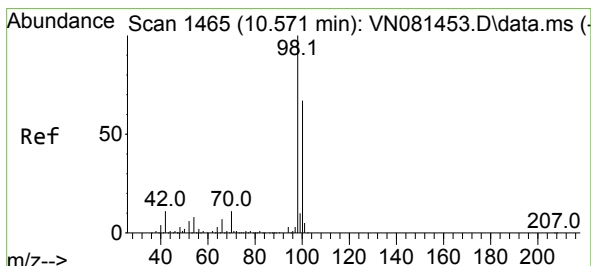
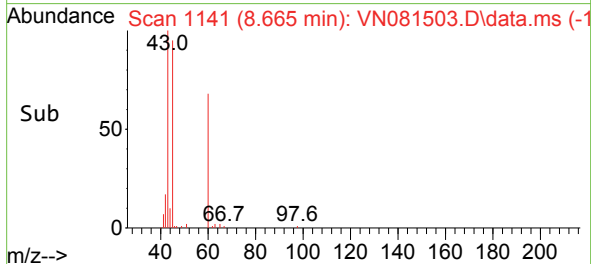
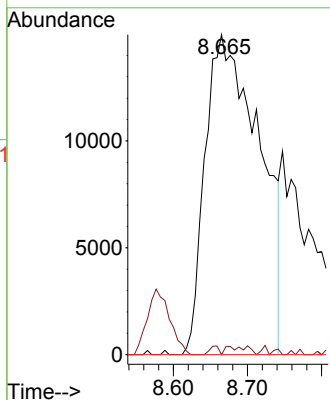


#43
Isopropyl Acetate
Concen: 5.627 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.023 min
Lab File: VN081503.D
Acq: 20 Mar 2024 18:58

Instrument :
MSVOA_N
ClientSampleId :

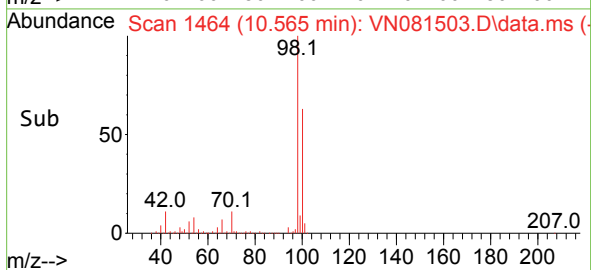
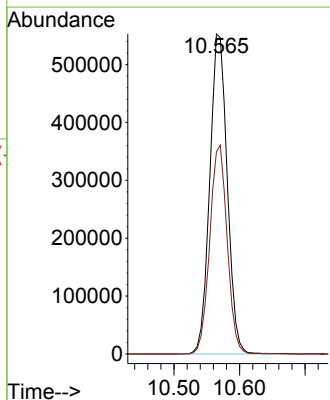
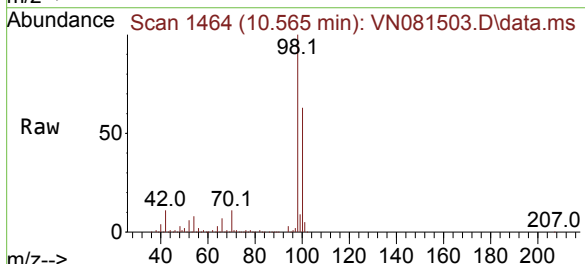


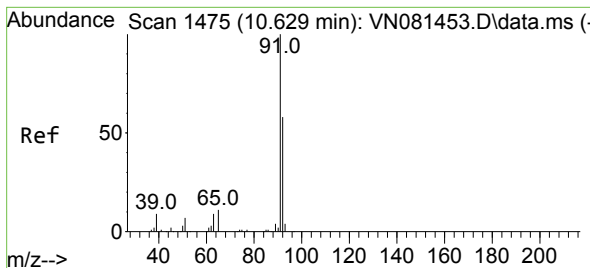
Tgt Ion: 43 Resp: 76042
Ion Ratio Lower Upper
43 100
61 0.4 19.9 29.9#
87 0.0 9.0 13.6#



#50
Toluene-d8
Concen: 49.948 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN081503.D
Acq: 20 Mar 2024 18:58

Tgt Ion: 98 Resp: 1021552
Ion Ratio Lower Upper
98 100
100 65.0 51.4 77.0





#52

Toluene

Concen: 1.293 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VN081503.D

Acq: 20 Mar 2024 18:58

Instrument :

MSVOA_N

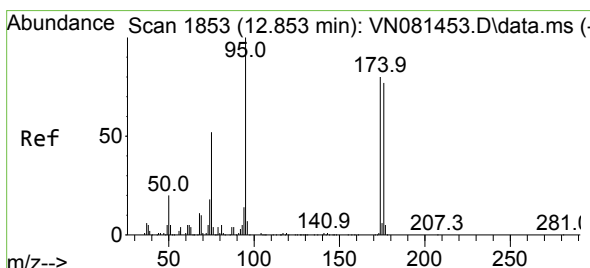
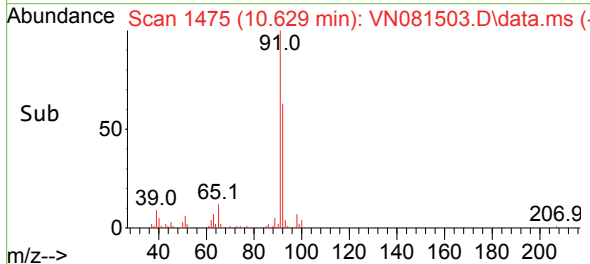
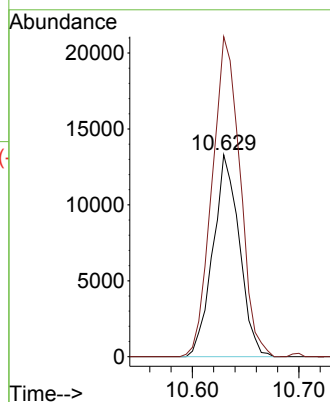
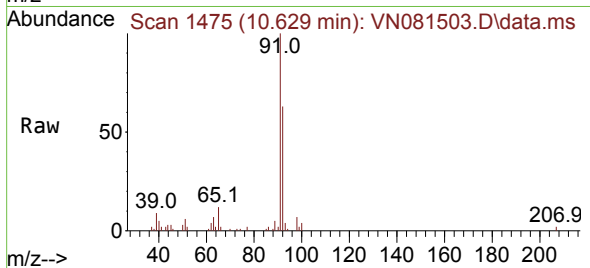
ClientSampleId :

Tgt Ion: 92 Resp: 22870

Ion Ratio Lower Upper

92 100

91 168.1 139.4 209.0



#62

4-Bromofluorobenzene

Concen: 46.163 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VN081503.D

Acq: 20 Mar 2024 18:58

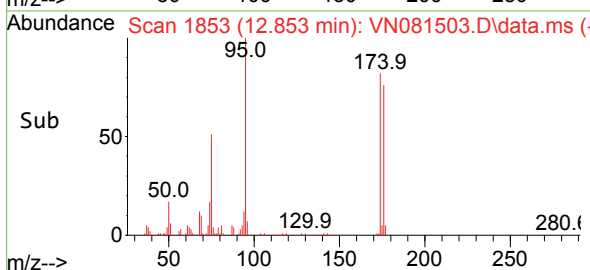
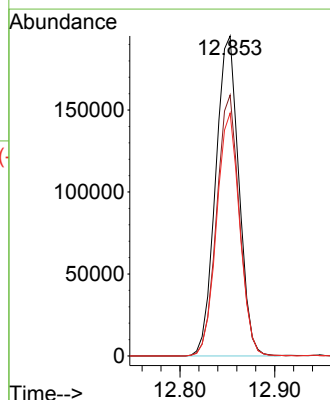
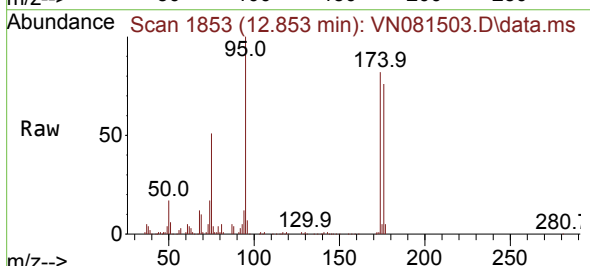
Tgt Ion: 95 Resp: 332680

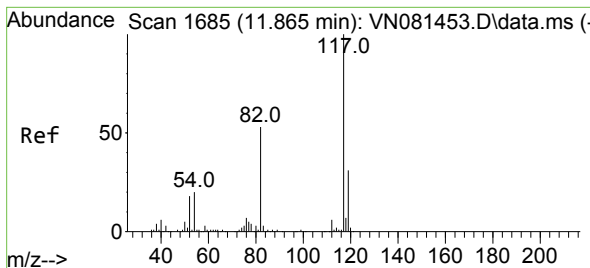
Ion Ratio Lower Upper

95 100

174 79.8 0.0 120.4

176 75.2 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: VN081503.D

Acq: 20 Mar 2024 18:58

Instrument :

MSVOA_N

ClientSampleId :

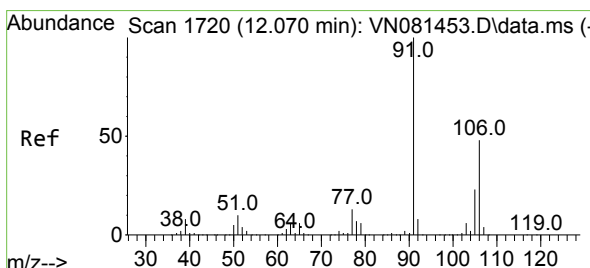
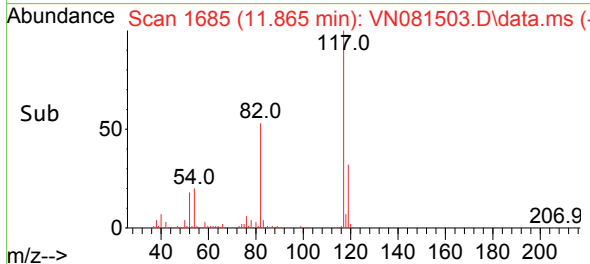
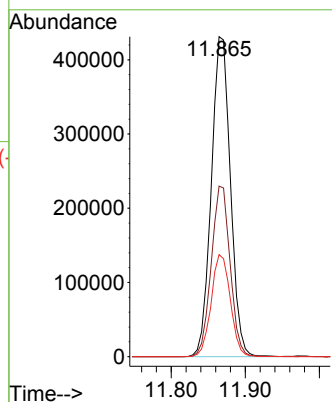
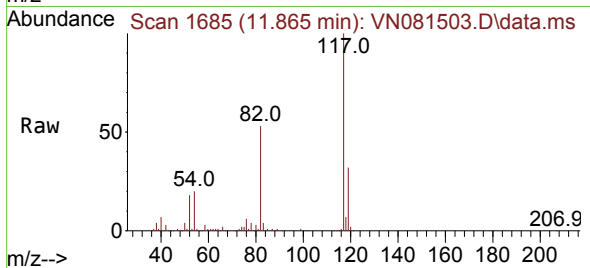
Tgt Ion:117 Resp: 771222

Ion Ratio Lower Upper

117 100

82 53.3 52.7 79.1

119 31.9 25.3 37.9



#68

m/p-Xylenes

Concen: 0.419 ug/l

RT: 12.071 min Scan# 1720

Delta R.T. 0.000 min

Lab File: VN081503.D

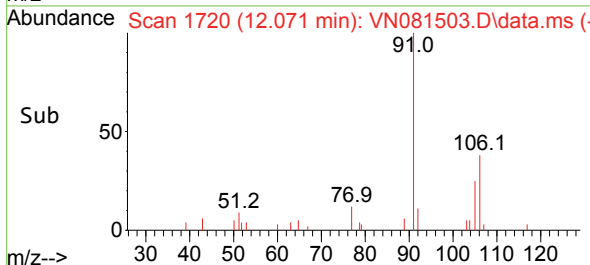
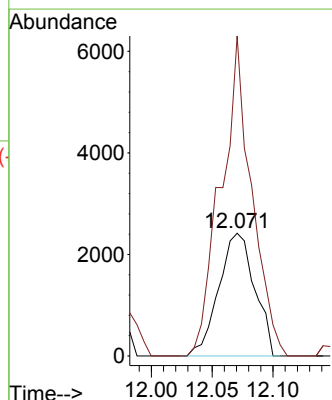
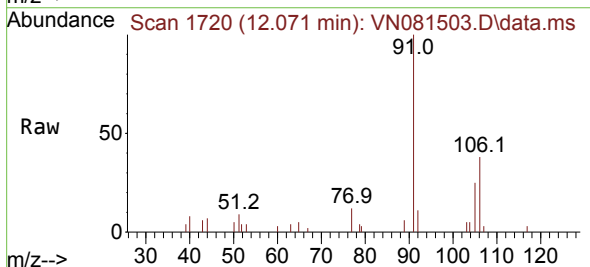
Acq: 20 Mar 2024 18:58

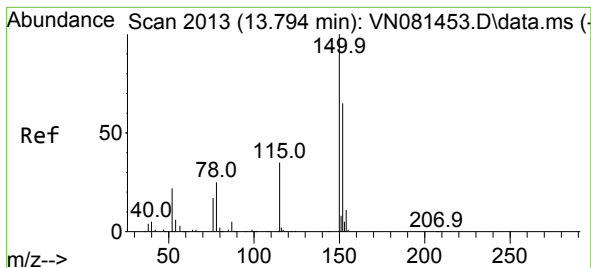
Tgt Ion:106 Resp: 4969

Ion Ratio Lower Upper

106 100

91 223.5 169.0 253.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN081503.D

Acq: 20 Mar 2024 18:58

Instrument :

MSVOA_N

ClientSampleId :

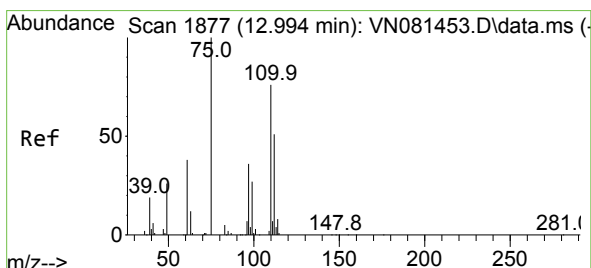
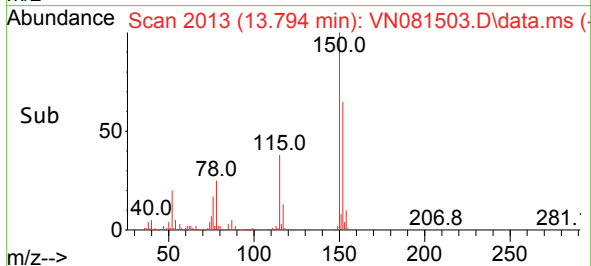
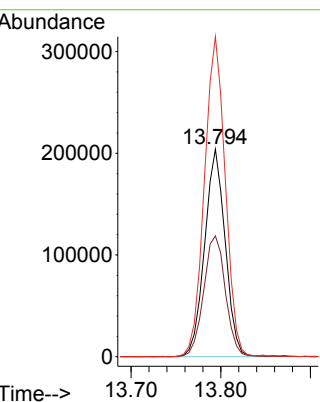
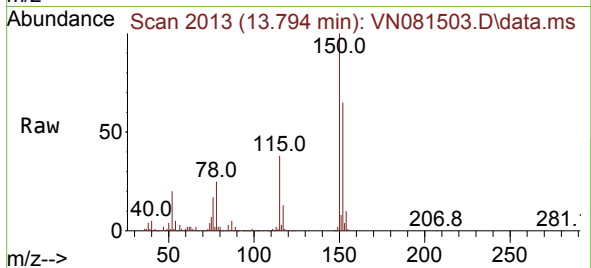
Tgt Ion:152 Resp: 325050

Ion Ratio Lower Upper

152 100

115 61.7 32.3 96.8

150 155.8 0.0 339.8



#76

1,2,3-Trichloropropane

Concen: 22.792 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN081503.D

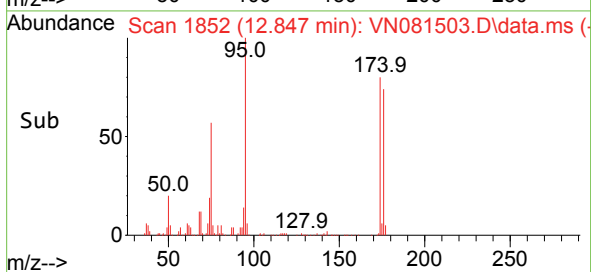
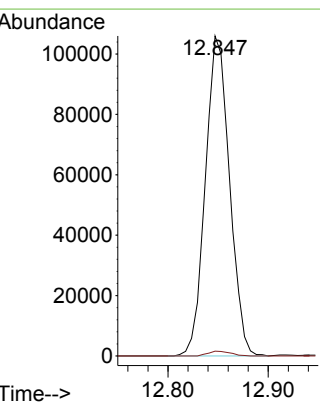
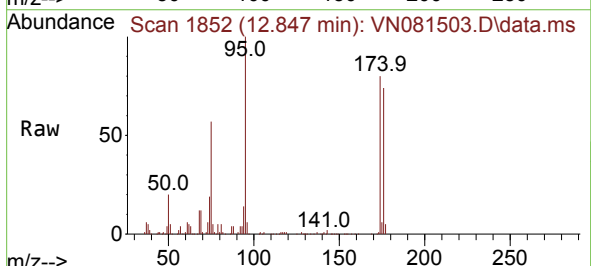
Acq: 20 Mar 2024 18:58

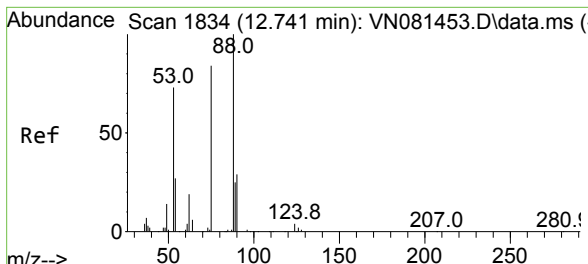
Tgt Ion: 75 Resp: 177213

Ion Ratio Lower Upper

75 100

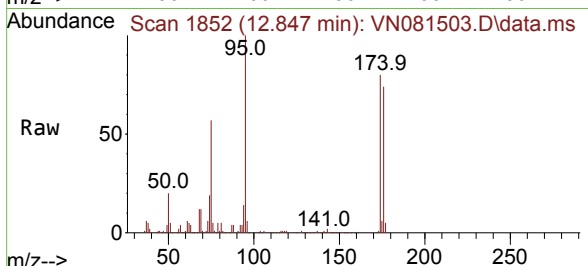
77 1.4 91.0 272.8#



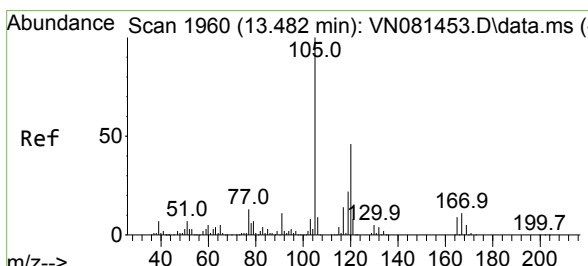
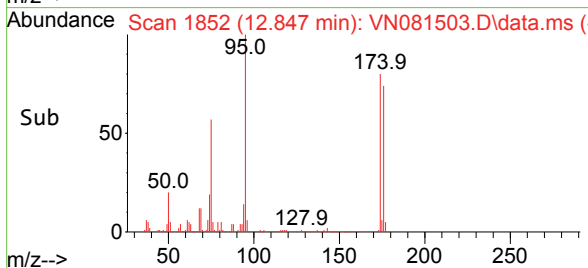
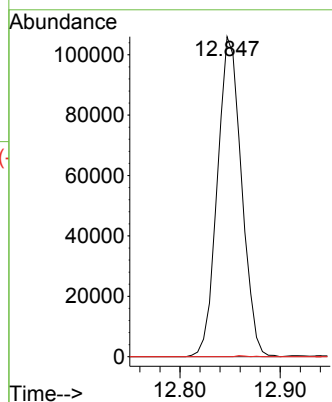


#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.590 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. 0.106 min
 Lab File: VN081503.D
 Acq: 20 Mar 2024 18:58

Instrument :
 MSVOA_N
 ClientSampleId :

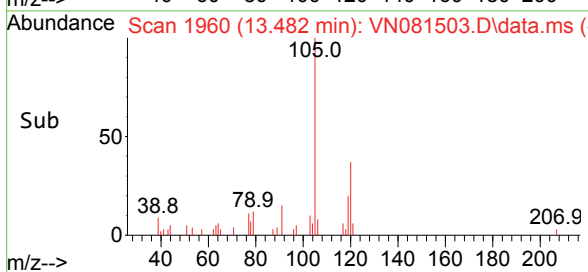
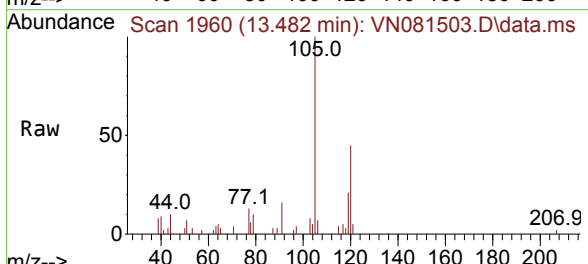
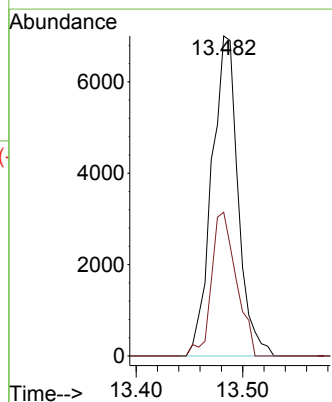


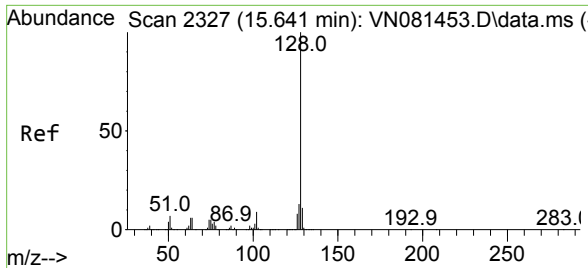
Tgt Ion: 75 Resp: 177213
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.4 107.2#
 89 0.1 33.4 50.0#



#84
 1,2,4-Trimethylbenzene
 Concen: 0.522 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.000 min
 Lab File: VN081503.D
 Acq: 20 Mar 2024 18:58

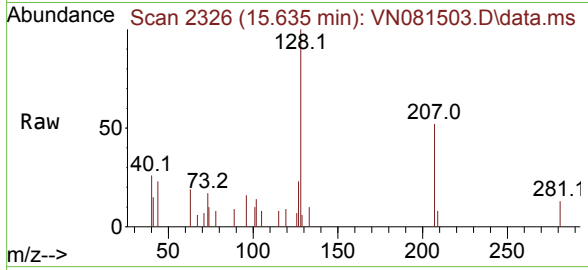
Tgt Ion: 105 Resp: 12001
 Ion Ratio Lower Upper
 105 100
 120 42.4 20.9 62.7





#95
Naphthalene
Concen: 0.245 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN081503.D
Acq: 20 Mar 2024 18:58

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 5563
Ion Ratio Lower Upper
128 100
127 17.3 10.0 15.0#
129 7.9 8.7 13.1#

