

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040124\
 Data File : VN081645.D
 Acq On : 01 Apr 2024 13:54
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Apr 02 01:14:12 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)

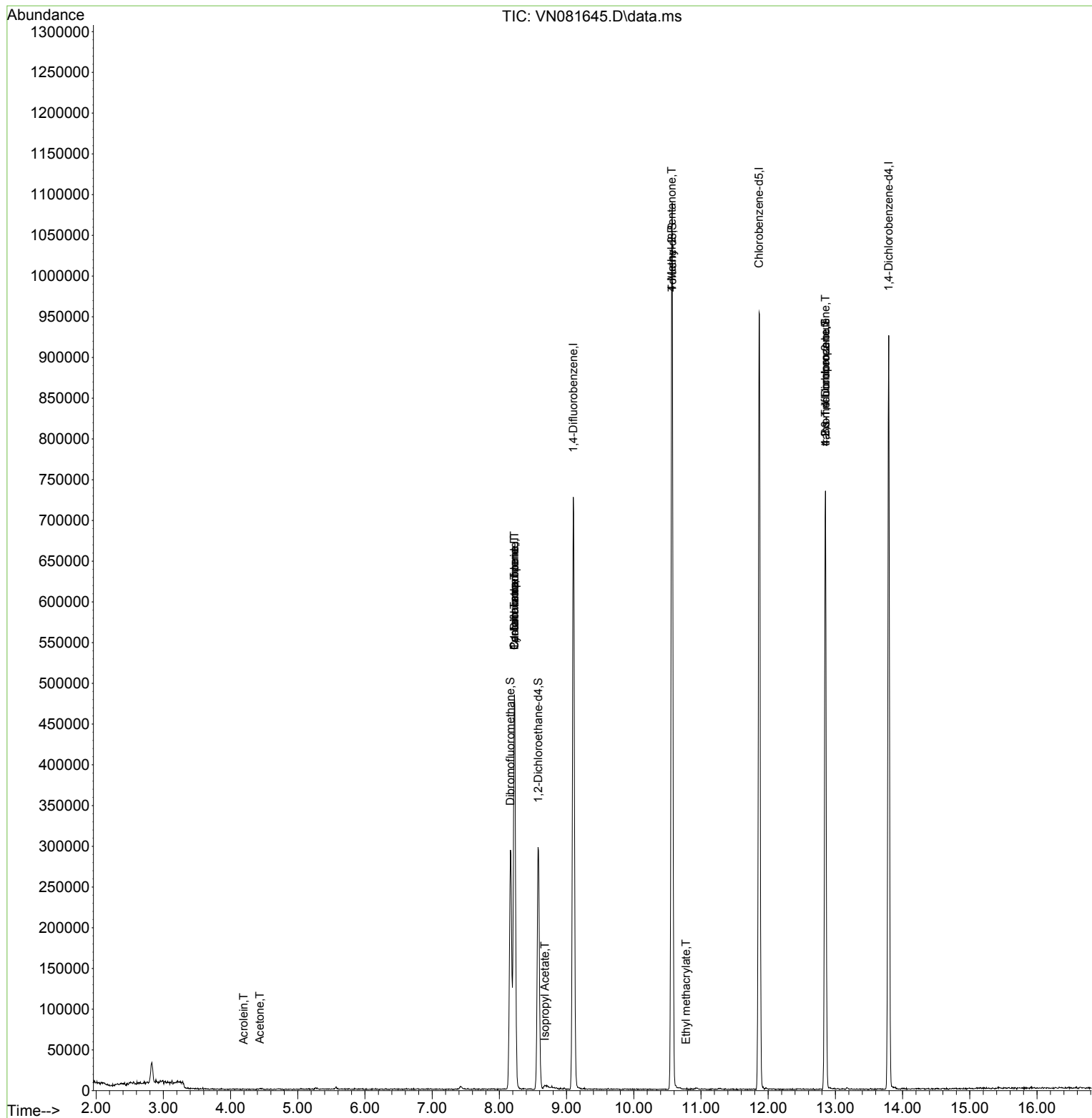
Internal Standards						
1) Pentafluorobenzene	8.224	168	354975	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	643365	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	588863	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	243909	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	246442	54.440	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.880%	
35) Dibromofluoromethane	8.165	113	212754	52.399	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.800%	
50) Toluene-d8	10.570	98	765685	52.167	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.340%	
62) 4-Bromofluorobenzene	12.853	95	250624	48.460	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 96.920%	
Target Compounds						
					Qvalue	
13) Acrolein	4.194	56	545	0.770	ug/l #	68
16) Acetone	4.436	43	1405	0.960	ug/l	100
31) Cyclohexane	8.224	56	8521	1.157	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	30724	4.496	ug/l #	44
38) Carbon Tetrachloride	8.224	117	39613	5.292	ug/l #	17
43) Isopropyl Acetate	8.676	43	2998	0.309	ug/l #	57
51) 4-Methyl-2-Pentanone	10.565	43	2964	0.501	ug/l #	1
56) Ethyl methacrylate	10.776	69	62	0.579	ug/l #	20
76) 1,2,3-Trichloropropane	12.853	75	130183	22.313	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	130183	60.297	ug/l #	14

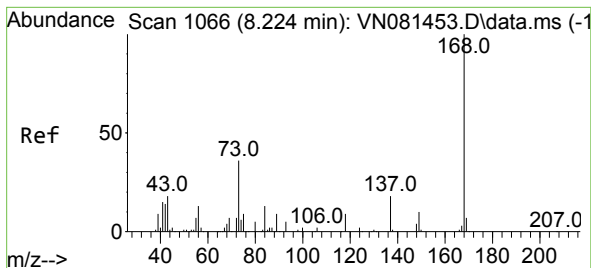
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040124\
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Quant Time: Apr 02 01:14:12 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# 1

Delta R.T. -0.000 min

Lab File: VN081645.D

Acq: 01 Apr 2024 13:54

Instrument :

MSVOA_N

ClientSampleId :

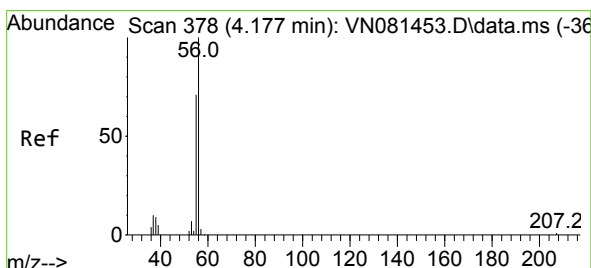
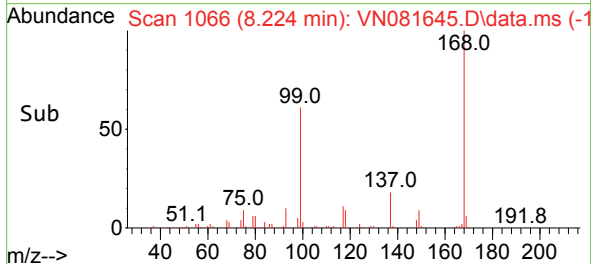
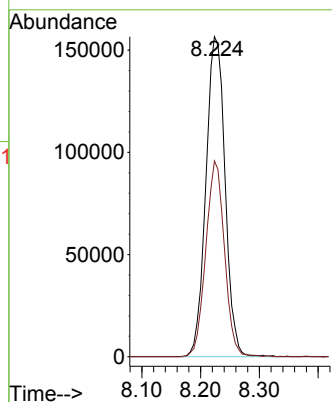
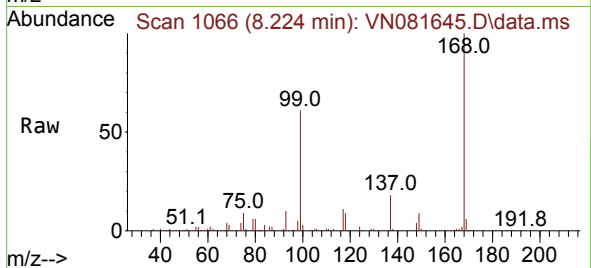
IBLK

Tgt Ion:168 Resp: 354975

Ion Ratio Lower Upper

168 100

99 61.2 59.9 89.9



#13

Acrolein

Concen: 0.770 ug/l

RT: 4.194 min Scan# 381

Delta R.T. 0.018 min

Lab File: VN081645.D

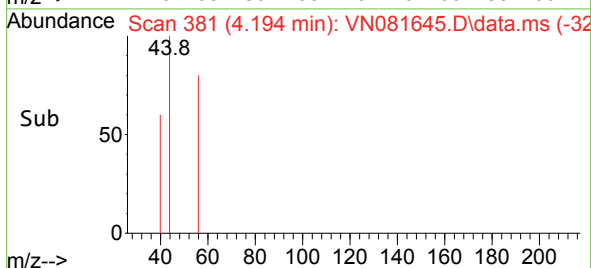
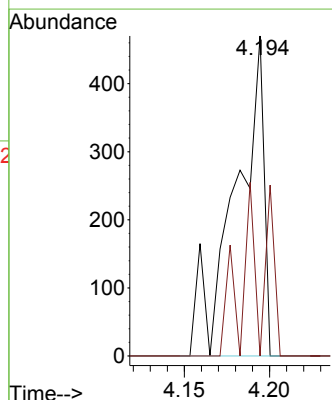
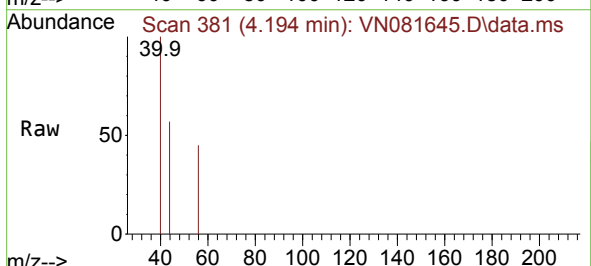
Acq: 01 Apr 2024 13:54

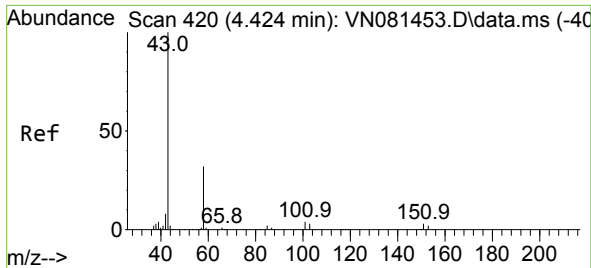
Tgt Ion: 56 Resp: 545

Ion Ratio Lower Upper

56 100

55 43.3 55.3 82.9#





#16

Acetone

Concen: 0.960 ug/l

RT: 4.436 min Scan# 41

Delta R.T. 0.012 min

Lab File: VN081645.D

Acq: 01 Apr 2024 13:54

Instrument :

MSVOA_N

ClientSampleId :

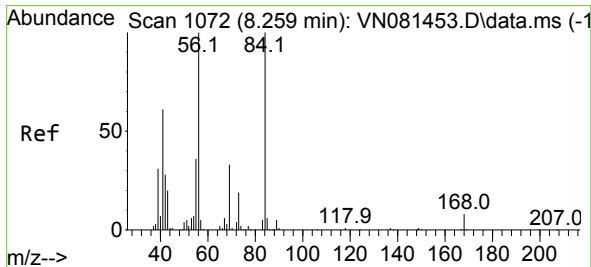
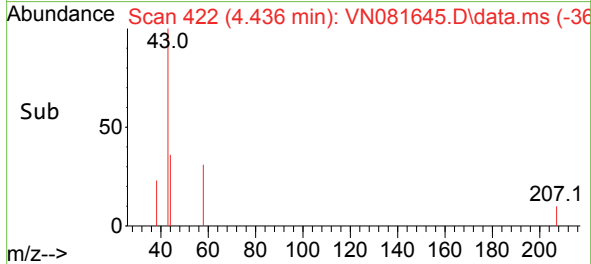
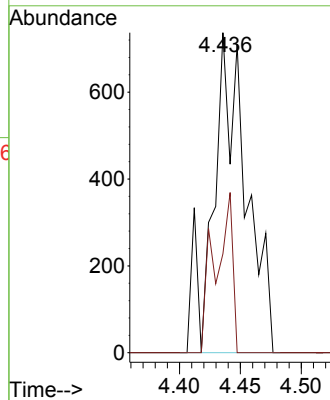
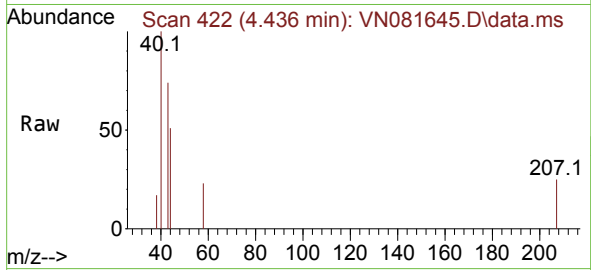
IBLK

Tgt Ion: 43 Resp: 1405

Ion Ratio Lower Upper

43 100

58 30.9 24.8 37.2



#31

Cyclohexane

Concen: 1.157 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.035 min

Lab File: VN081645.D

Acq: 01 Apr 2024 13:54

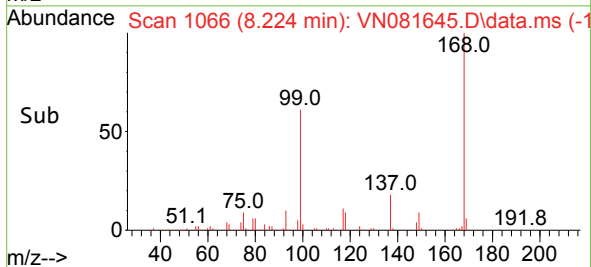
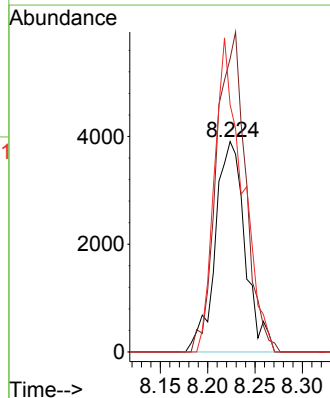
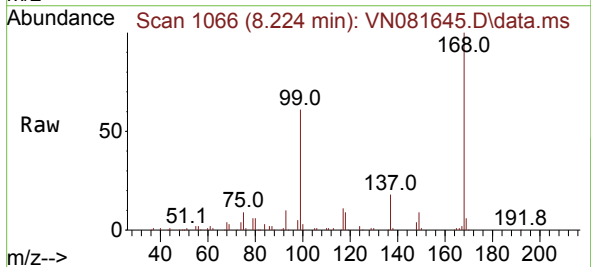
Tgt Ion: 56 Resp: 8521

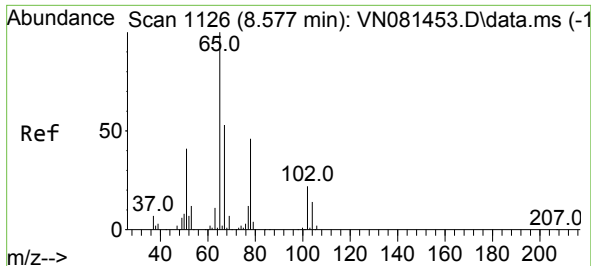
Ion Ratio Lower Upper

56 100

69 139.4 20.1 30.1#

84 117.5 56.9 85.3#





#33

1,2-Dichloroethane-d4

Concen: 54.440 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN081645.D

Acq: 01 Apr 2024 13:54

Instrument :

MSVOA_N

ClientSampleId :

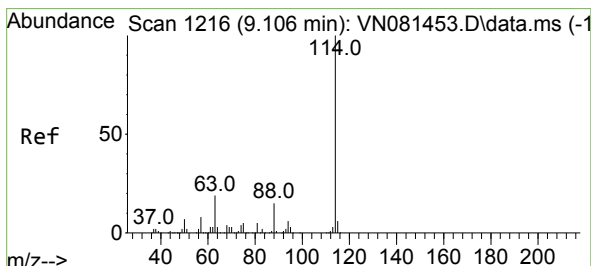
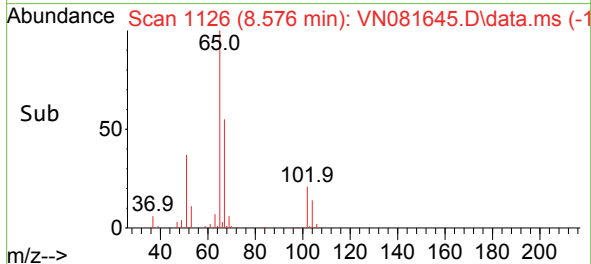
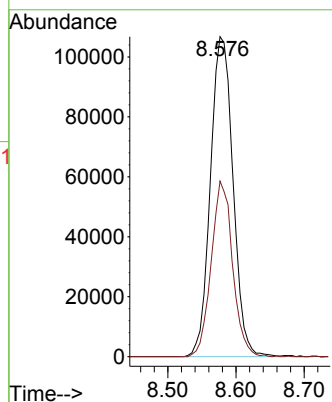
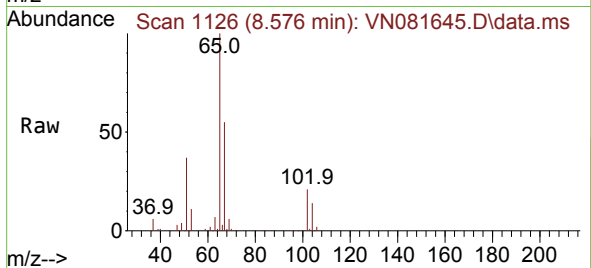
IBLK

Tgt Ion: 65 Resp: 246442

Ion Ratio Lower Upper

65 100

67 51.9 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: VN081645.D

Acq: 01 Apr 2024 13:54

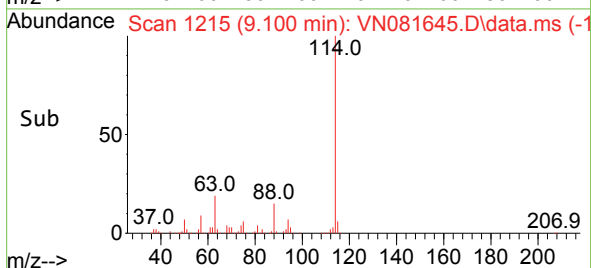
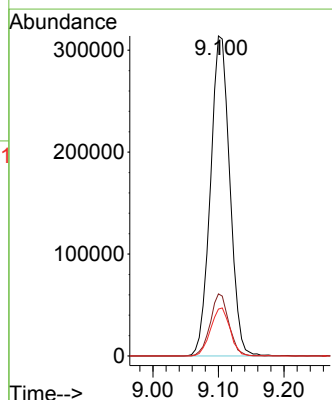
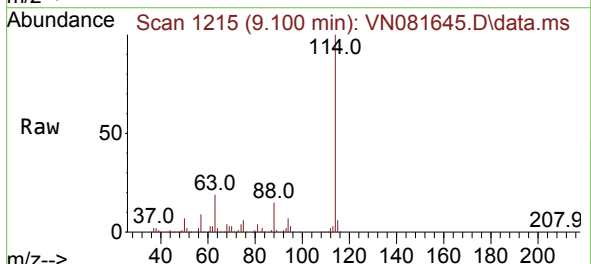
Tgt Ion: 114 Resp: 643365

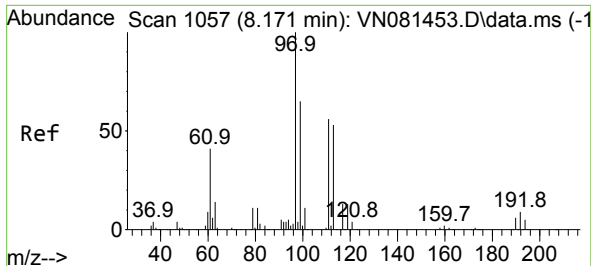
Ion Ratio Lower Upper

114 100

63 19.4 0.0 48.0

88 14.6 0.0 34.8

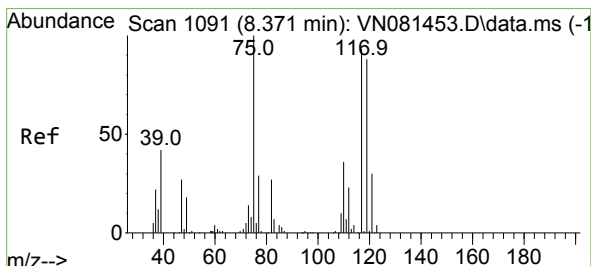
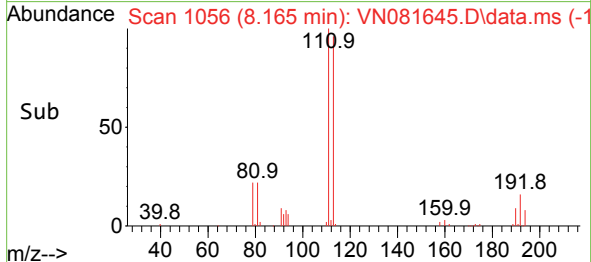
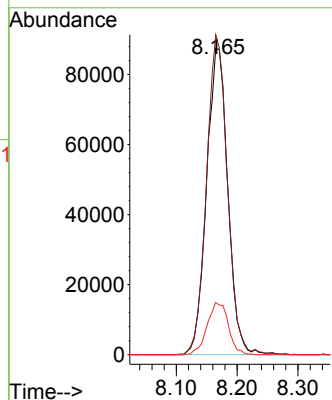
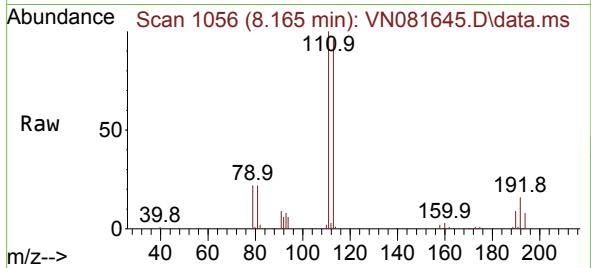




#35
Dibromofluoromethane
Concen: 52.399 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081645.D
Acq: 01 Apr 2024 13:54

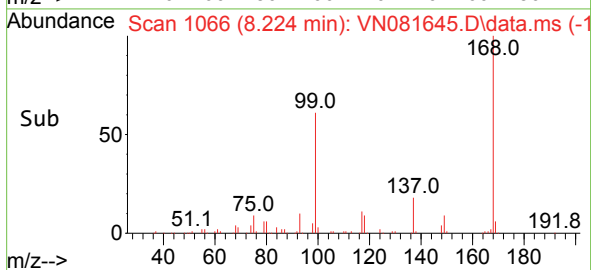
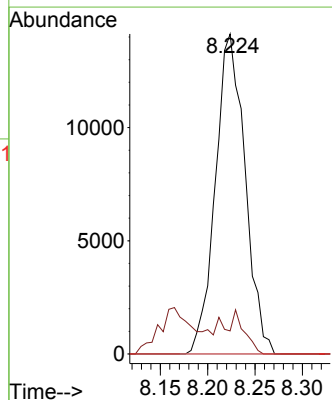
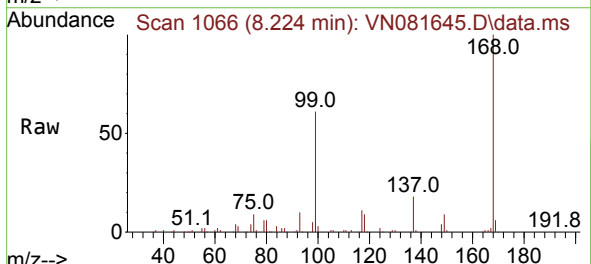
Instrument :
MSVOA_N
ClientSampleId :
IBLK

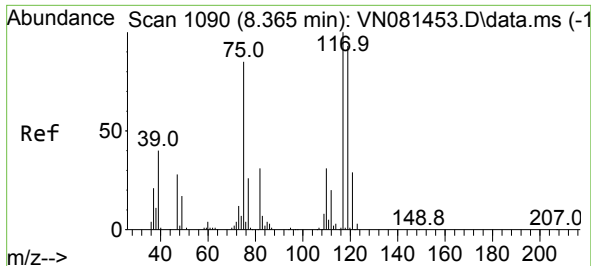
Tgt Ion:113 Resp: 212754
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.4
192 16.9 12.5 18.7



#36
1,1-Dichloropropene
Concen: 4.496 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN081645.D
Acq: 01 Apr 2024 13:54

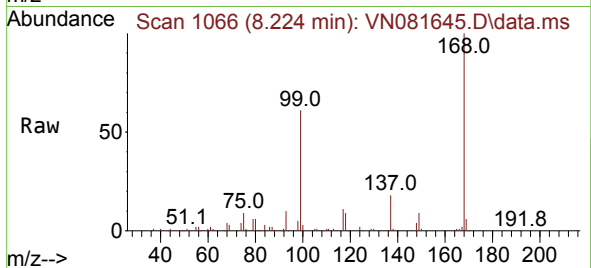
Tgt Ion: 75 Resp: 30724
Ion Ratio Lower Upper
75 100
110 1.4 16.0 48.0#
77 0.0 25.8 38.6#



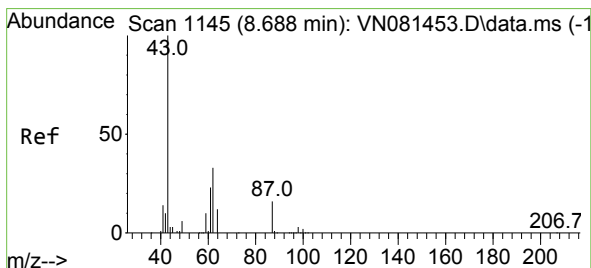
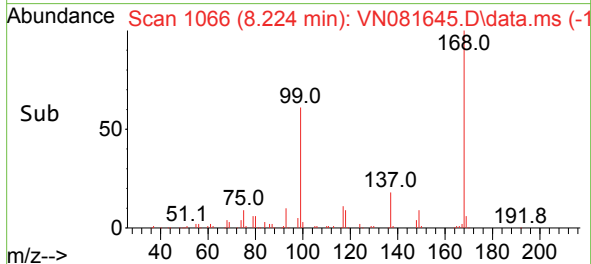
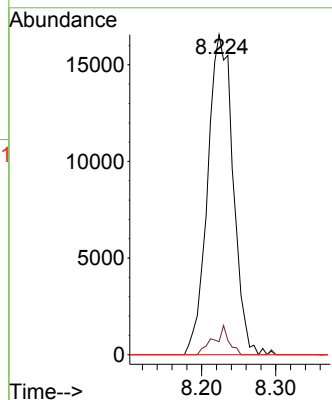


#38
Carbon Tetrachloride
Concen: 5.292 ug/l
RT: 8.224 min Scan# 1106
Delta R.T. -0.141 min
Lab File: VN081645.D
Acq: 01 Apr 2024 13:54

Instrument :
MSVOA_N
ClientSampleId :
IBLK

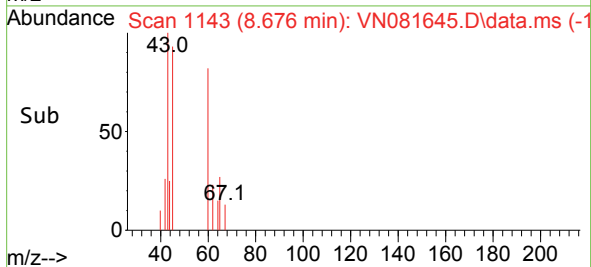
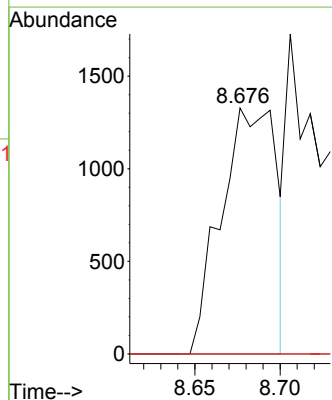
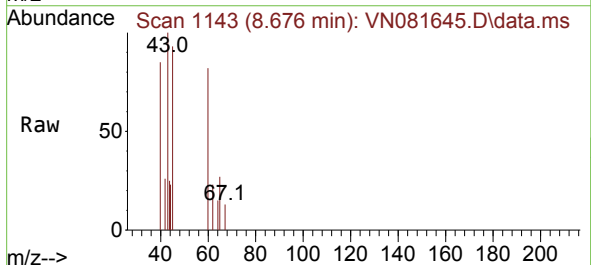


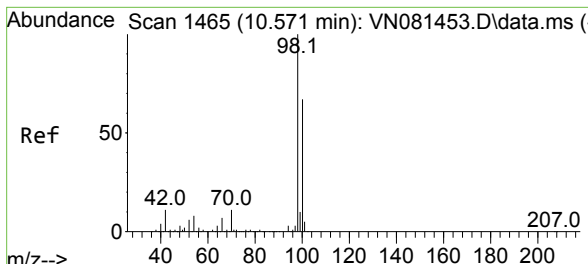
Tgt Ion:117 Resp: 39613
Ion Ratio Lower Upper
117 100
119 4.1 73.4 110.2#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 0.309 ug/l
RT: 8.676 min Scan# 1143
Delta R.T. -0.012 min
Lab File: VN081645.D
Acq: 01 Apr 2024 13:54

Tgt Ion: 43 Resp: 2998
Ion Ratio Lower Upper
43 100
61 0.0 19.9 29.9#
87 0.0 9.0 13.6#

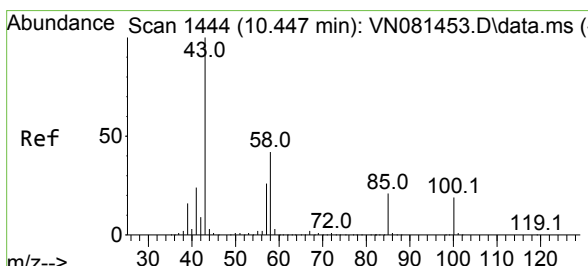
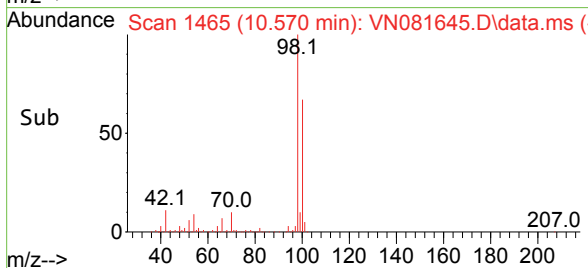
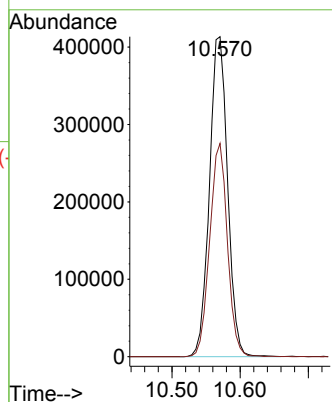
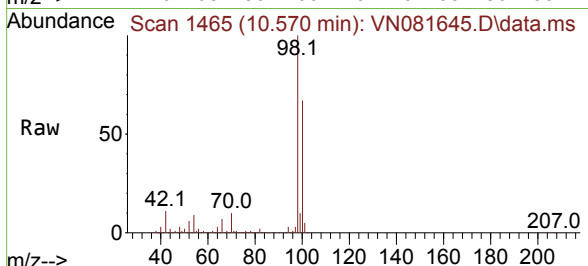




#50
Toluene-d8
Concen: 52.167 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN081645.D
Acq: 01 Apr 2024 13:54

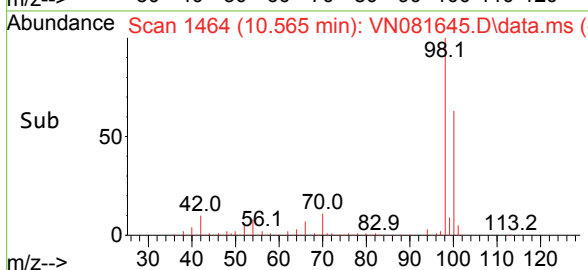
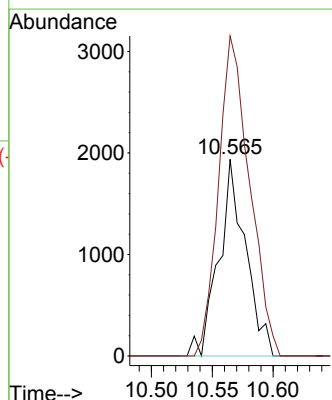
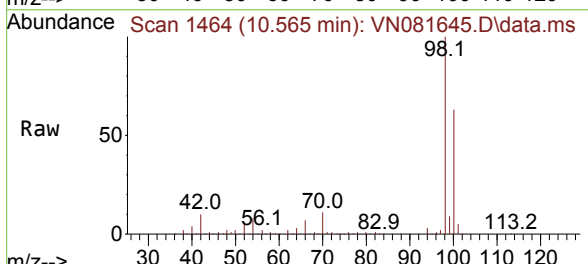
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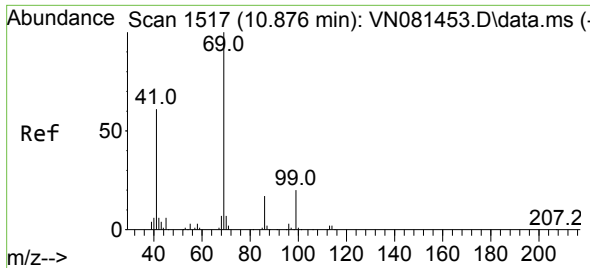
Tgt Ion: 98 Resp: 765685
Ion Ratio Lower Upper
98 100
100 65.0 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 0.501 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN081645.D
Acq: 01 Apr 2024 13:54

Tgt Ion: 43 Resp: 2964
Ion Ratio Lower Upper
43 100
58 188.6 29.4 44.0#

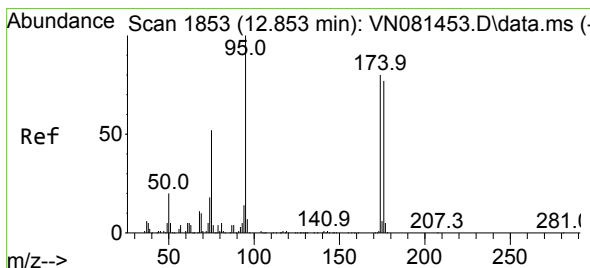
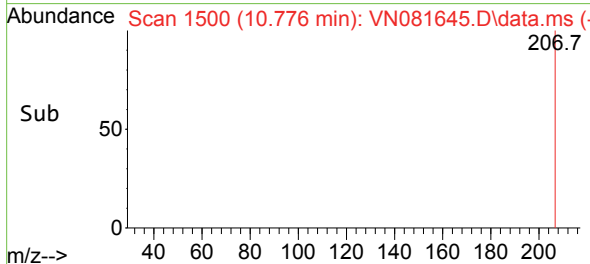
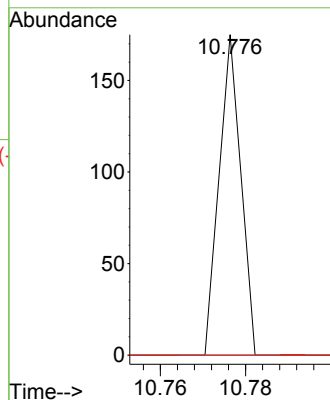
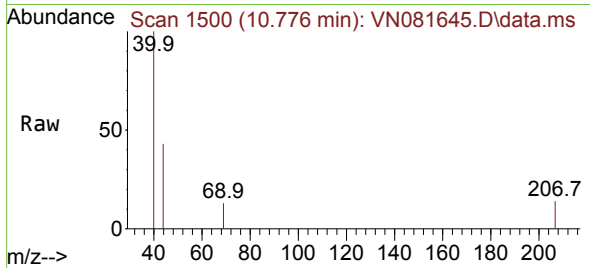




#56
Ethyl methacrylate
Concen: 0.579 ug/l
RT: 10.776 min Scan# 1517
Delta R.T. -0.100 min
Lab File: VN081645.D
Acq: 01 Apr 2024 13:54

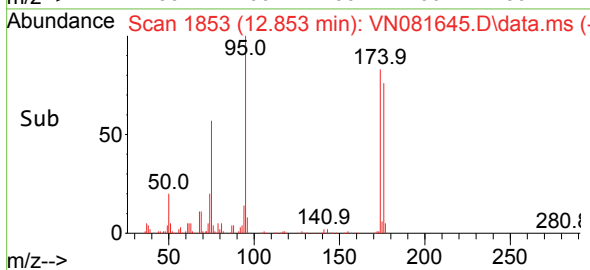
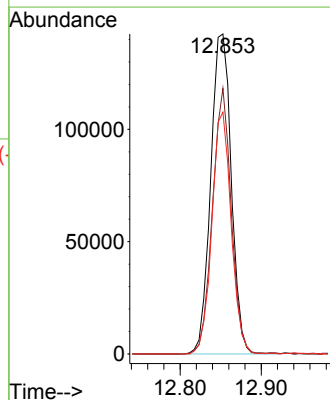
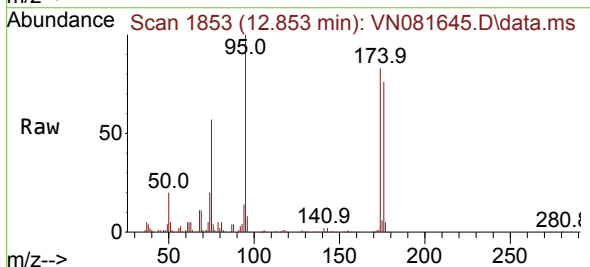
Instrument :
MSVOA_N
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IBLK

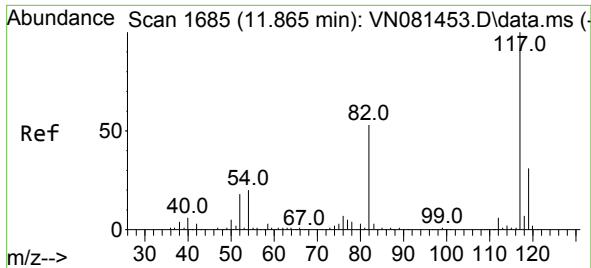
Tgt Ion: 69 Resp: 62
Ion Ratio Lower Upper
69 100
41 0.0 61.0 91.6#
39 0.0 31.8 47.6#



#62
4-Bromofluorobenzene
Concen: 48.460 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN081645.D
Acq: 01 Apr 2024 13:54

Tgt Ion: 95 Resp: 250624
Ion Ratio Lower Upper
95 100
174 75.9 0.0 120.4
176 70.9 0.0 121.0

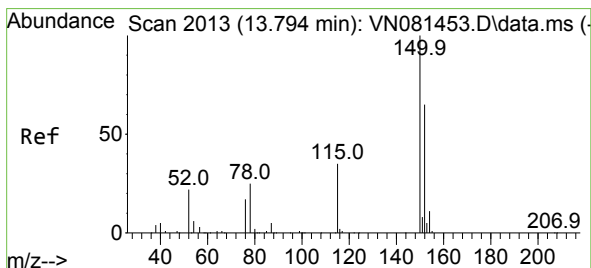
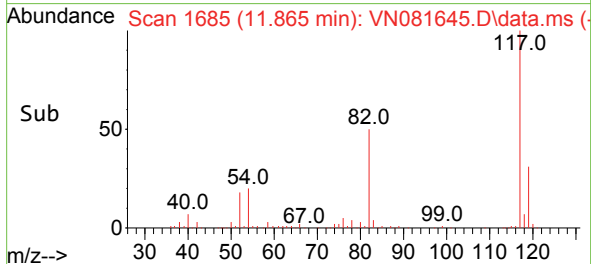
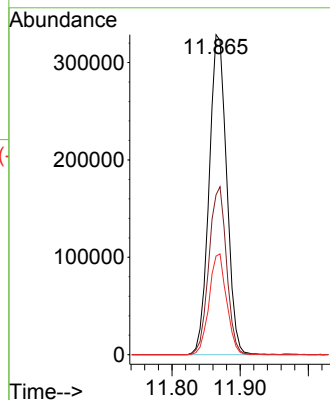
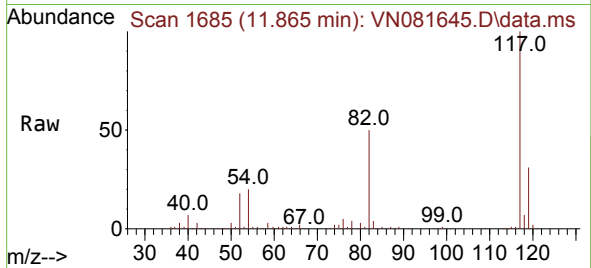




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN081645.D
Acq: 01 Apr 2024 13:54

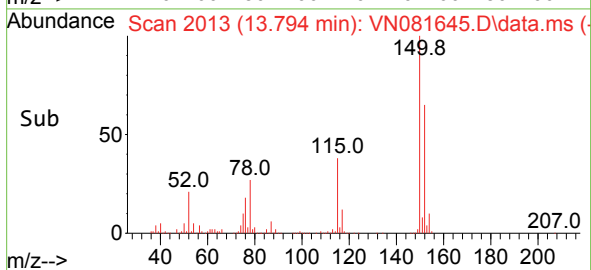
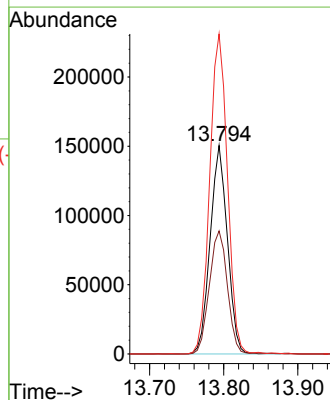
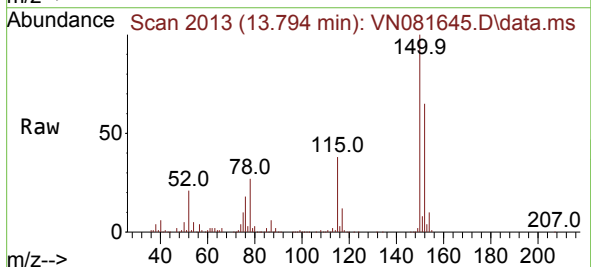
Instrument :
MSVOA_N
ClientSampleId :
IBLK

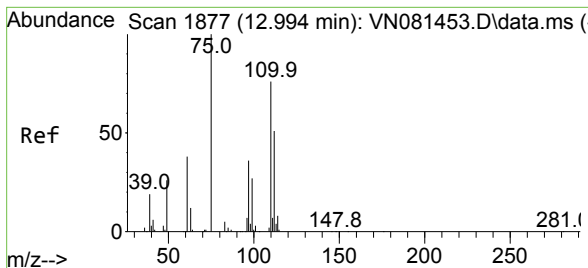
Tgt Ion:117 Resp: 588863
Ion Ratio Lower Upper
117 100
82 50.0 52.7 79.1#
119 30.8 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081645.D
Acq: 01 Apr 2024 13:54

Tgt Ion:152 Resp: 243909
Ion Ratio Lower Upper
152 100
115 61.5 32.3 96.8
150 157.1 0.0 339.8

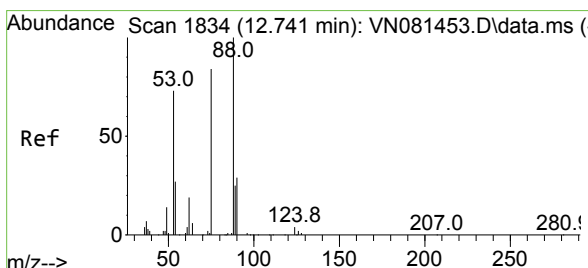
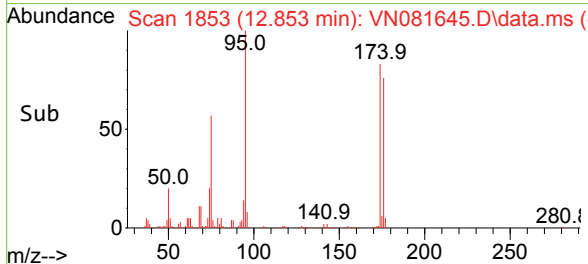
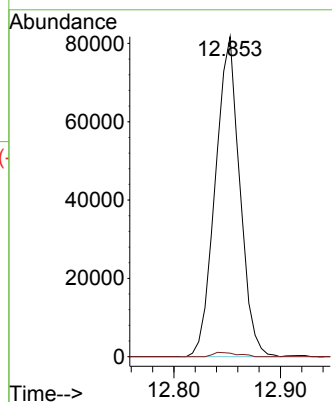
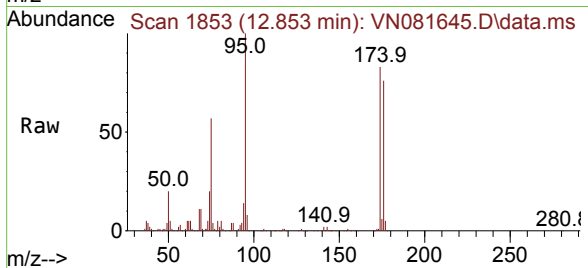




#76
1,2,3-Trichloropropane
Concen: 22.313 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN081645.D
Acq: 01 Apr 2024 13:54

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 130183
Ion Ratio Lower Upper
75 100
77 1.4 91.0 272.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.297 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN081645.D
Acq: 01 Apr 2024 13:54

Tgt Ion: 75 Resp: 130183
Ion Ratio Lower Upper
75 100
53 0.1 71.4 107.2#
89 0.1 33.4 50.0#

