

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030824\
 Data File : VN081342.D
 Acq On : 08 Mar 2024 13:26
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Mar 09 00:56:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

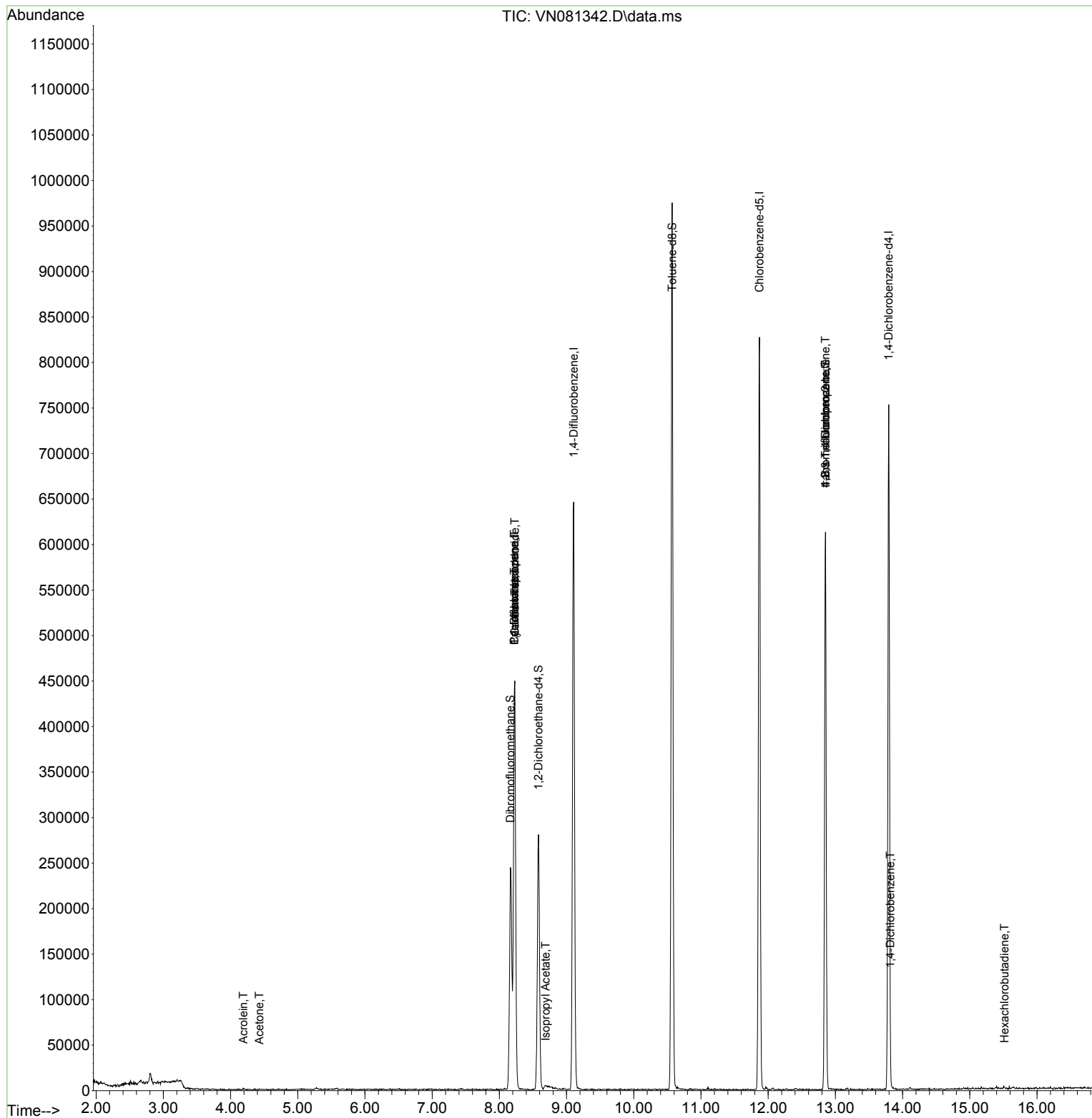
Internal Standards						
1) Pentafluorobenzene	8.224	168	302505	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	557004	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	481525	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	189845	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	223290	51.051	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.100%	
35) Dibromofluoromethane	8.165	113	173228	50.762	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.520%	
50) Toluene-d8	10.571	98	656005	51.423	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.840%	
62) 4-Bromofluorobenzene	12.853	95	204528	45.362	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 90.720%	
Target Compounds						
					Qvalue	
13) Acrolein	4.189	56	544	0.601	ug/l #	46
16) Acetone	4.430	43	685	0.442	ug/l #	44
20) Methylene Chloride	5.265	84	667	Below Cal	#	53
31) Cyclohexane	8.224	56	8035	1.213	ug/l #	4
36) 1,1-Dichloropropene	8.224	75	29235	5.310	ug/l #	49
38) Carbon Tetrachloride	8.230	117	35374	6.384	ug/l #	18
43) Isopropyl Acetate	8.688	43	2060	0.219	ug/l #	57
76) 1,2,3-Trichloropropane	12.853	75	114416	25.516	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	114416	71.211	ug/l #	14
88) 1,4-Dichlorobenzene	13.817	146	1540	0.224	ug/l #	1
94) Hexachlorobutadiene	15.517	225	508	0.349	ug/l #	69

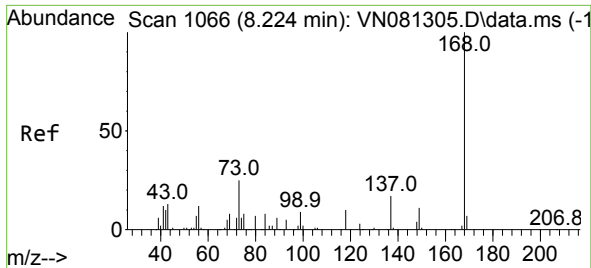
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
Quant Title : SW846 8260
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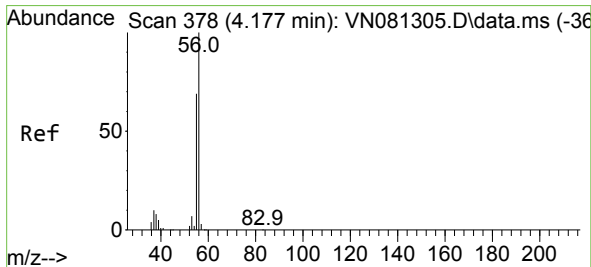
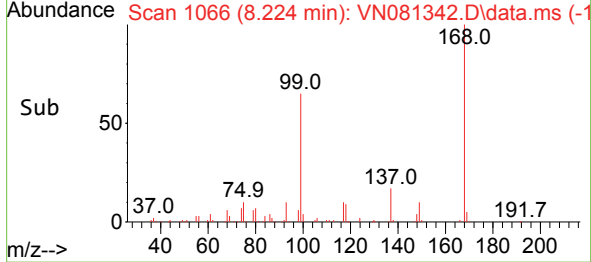
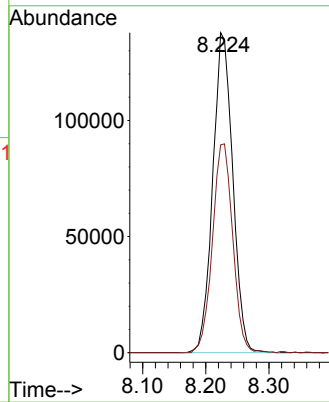
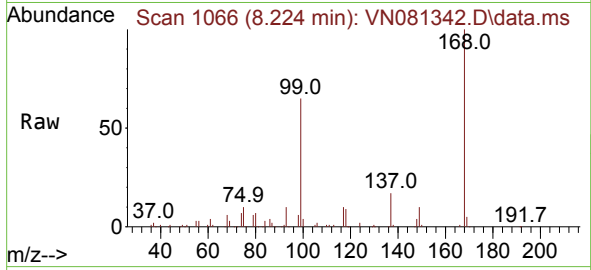




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081342.D
Acq: 08 Mar 2024 13:26

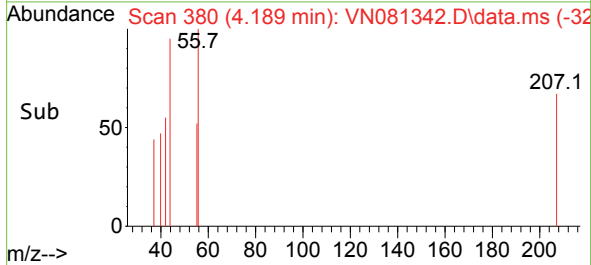
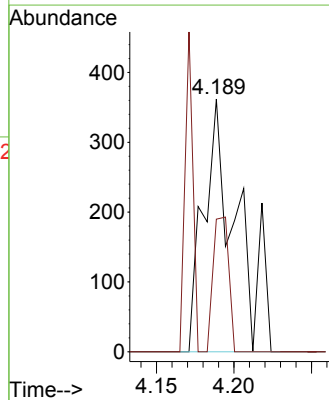
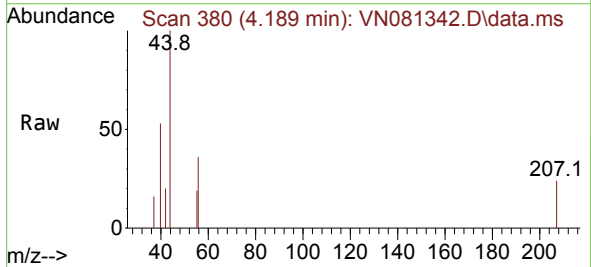
Instrument :
MSVOA_N
ClientSampleId :
IBLK

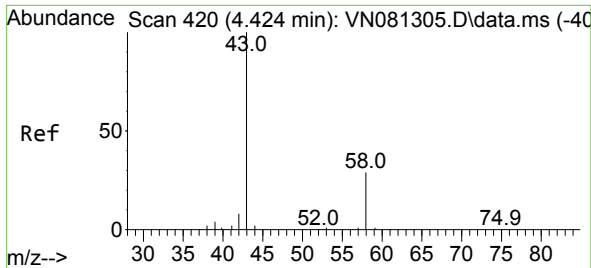
Tgt Ion:168 Resp: 302505
Ion Ratio Lower Upper
168 100
99 65.0 59.9 89.9



#13
Acrolein
Concen: 0.601 ug/l
RT: 4.189 min Scan# 380
Delta R.T. 0.012 min
Lab File: VN081342.D
Acq: 08 Mar 2024 13:26

Tgt Ion: 56 Resp: 544
Ion Ratio Lower Upper
56 100
55 24.8 55.3 82.9#





#16

Acetone

Concen: 0.442 ug/l

RT: 4.430 min Scan# 43

Delta R.T. 0.006 min

Lab File: VN081342.D

Acq: 08 Mar 2024 13:26

Instrument :

MSVOA_N

ClientSampleId :

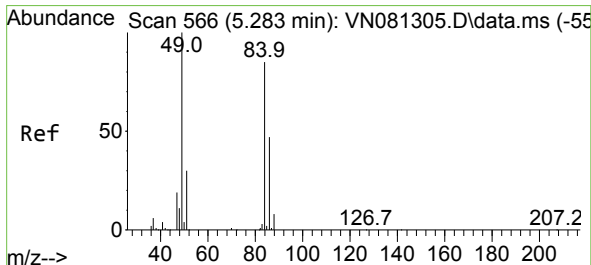
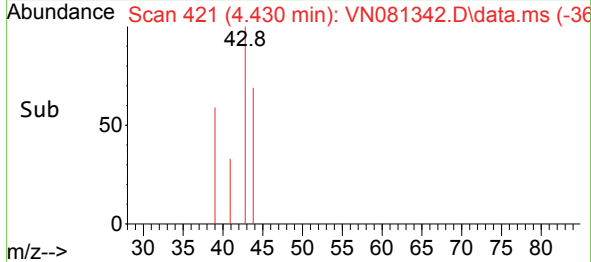
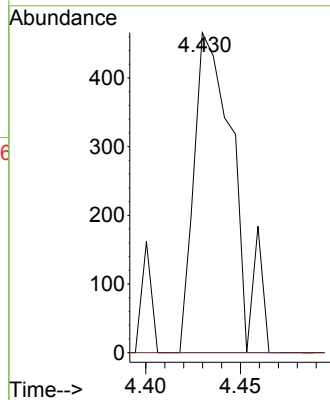
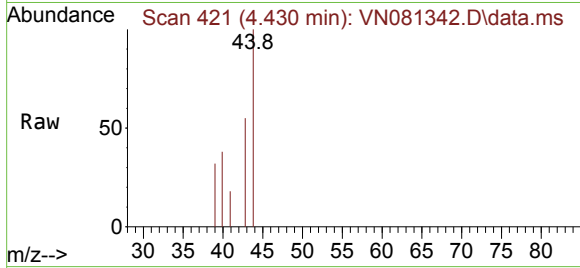
IBLK

Tgt Ion: 43 Resp: 685

Ion Ratio Lower Upper

43 100

58 0.0 24.8 37.2#



#20

Methylene Chloride

Concen: Below Cal

RT: 5.265 min Scan# 563

Delta R.T. -0.018 min

Lab File: VN081342.D

Acq: 08 Mar 2024 13:26

Tgt Ion: 84 Resp: 667

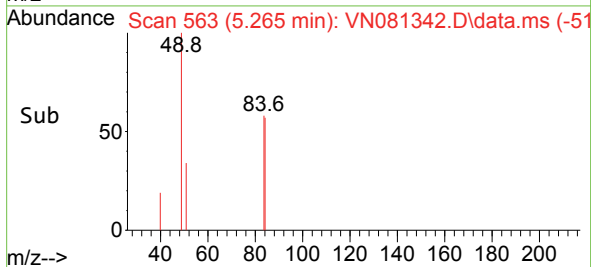
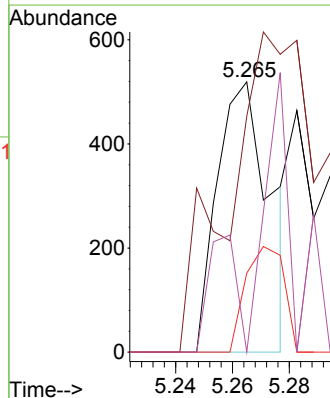
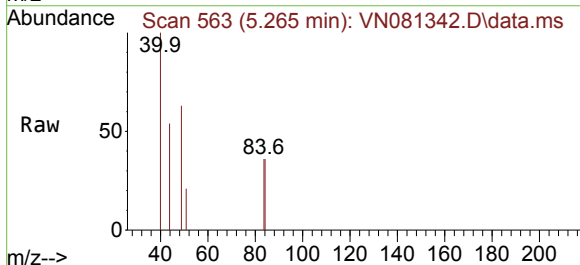
Ion Ratio Lower Upper

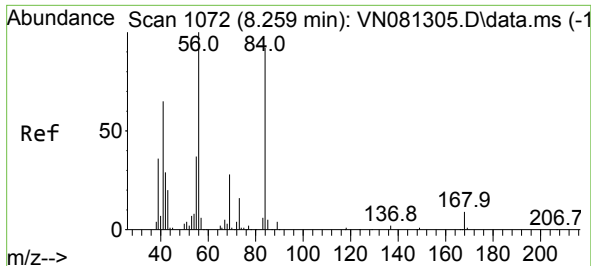
84 100

49 87.3 108.1 162.1#

51 29.3 32.9 49.3#

86 0.0 48.6 73.0#

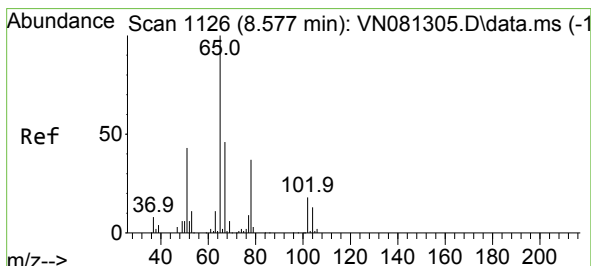
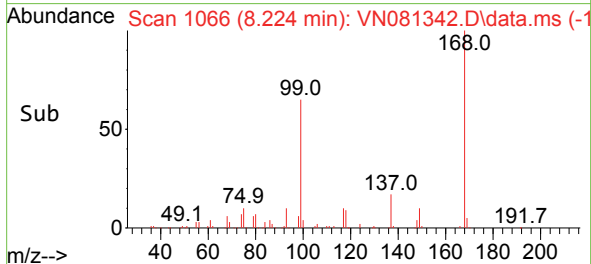
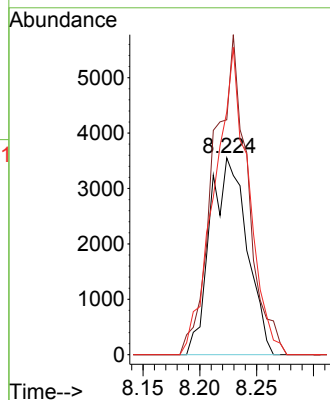
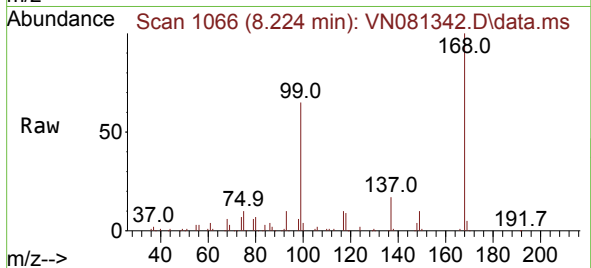




#31
Cyclohexane
Concen: 1.213 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN081342.D
Acq: 08 Mar 2024 13:26

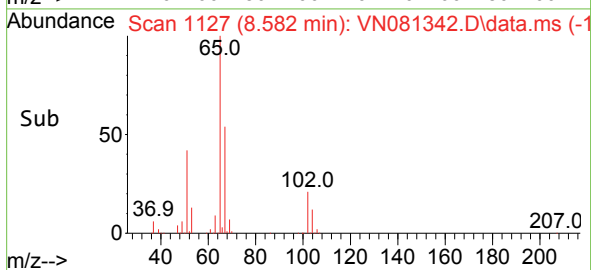
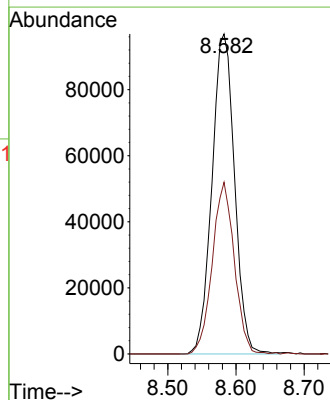
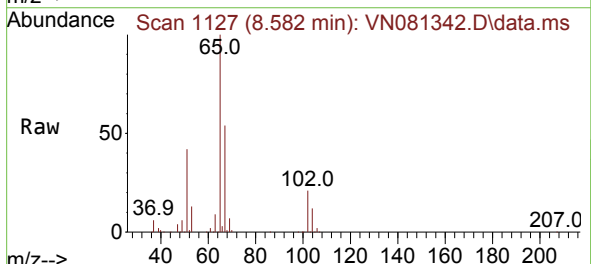
Instrument :
MSVOA_N
ClientSampleId :
IBLK

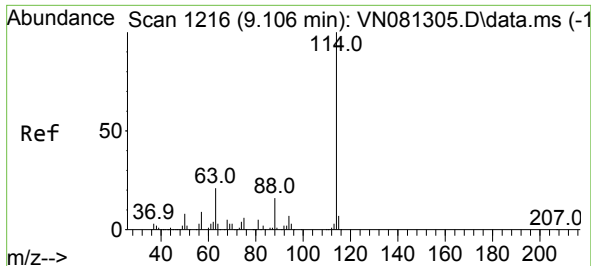
Tgt Ion: 56 Resp: 8035
Ion Ratio Lower Upper
56 100
69 119.4 20.1 30.1#
84 123.3 56.9 85.3#



#33
1,2-Dichloroethane-d4
Concen: 51.051 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081342.D
Acq: 08 Mar 2024 13:26

Tgt Ion: 65 Resp: 223290
Ion Ratio Lower Upper
65 100
67 52.4 0.0 102.4

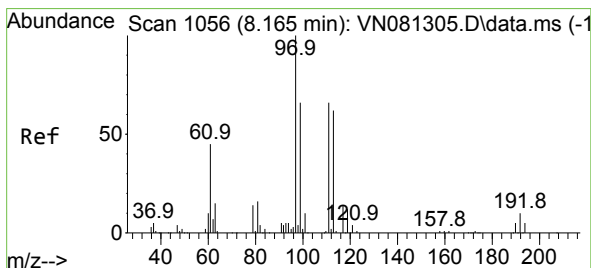
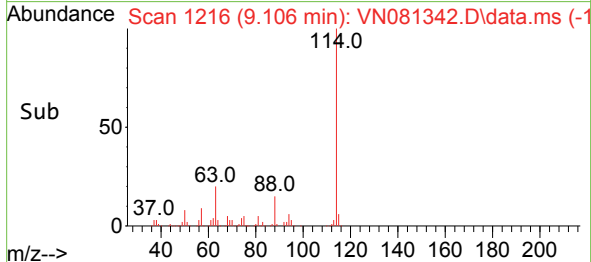
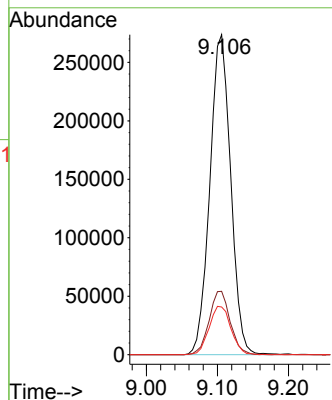
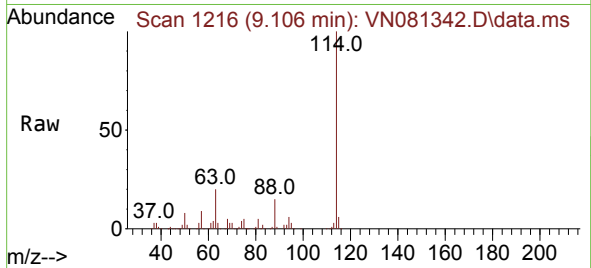




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 114
Delta R.T. -0.000 min
Lab File: VN081342.D
Acq: 08 Mar 2024 13:26

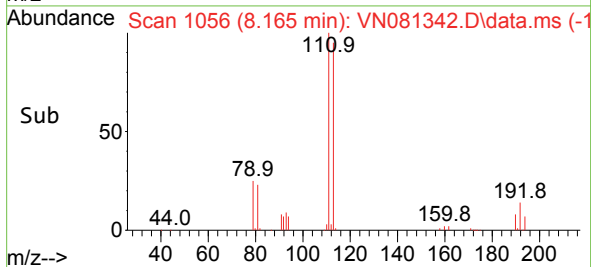
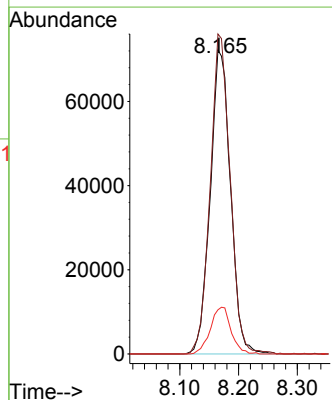
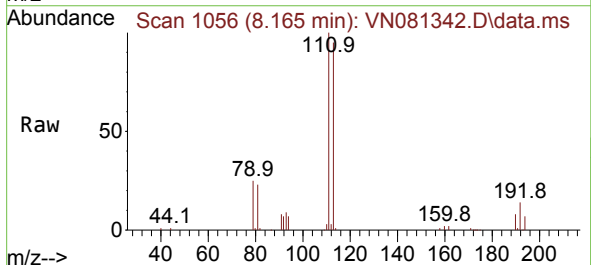
Instrument :
MSVOA_N
ClientSampleId :
IBLK

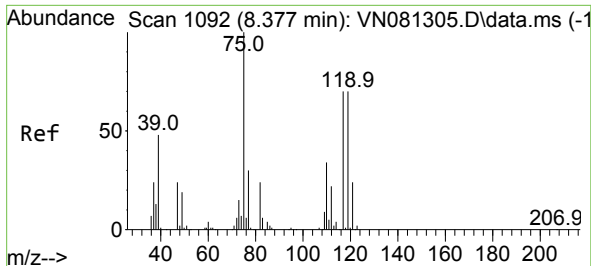
Tgt Ion:114 Resp: 557004
Ion Ratio Lower Upper
114 100
63 19.8 0.0 48.0
88 14.9 0.0 34.8



#35
Dibromofluoromethane
Concen: 50.762 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN081342.D
Acq: 08 Mar 2024 13:26

Tgt Ion:113 Resp: 173228
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.4
192 15.7 12.5 18.7





#36

1,1-Dichloropropene

Concen: 5.310 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.153 min

Lab File: VN081342.D

Acq: 08 Mar 2024 13:26

Instrument :

MSVOA_N

ClientSampleId :

IBLK

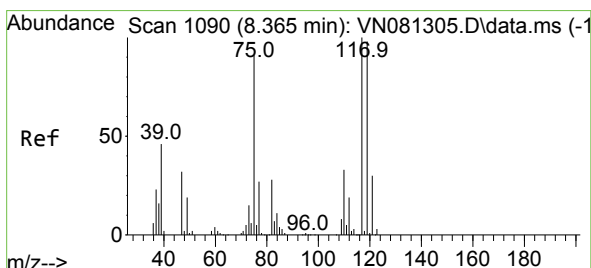
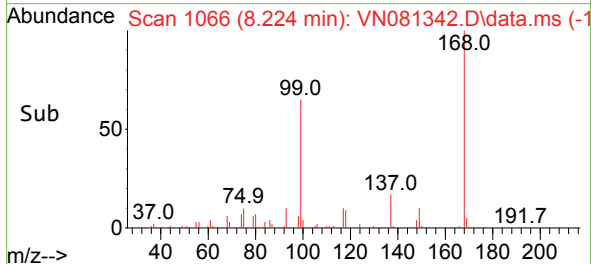
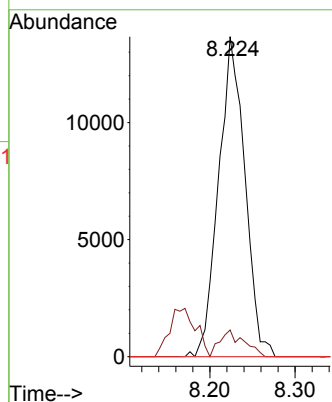
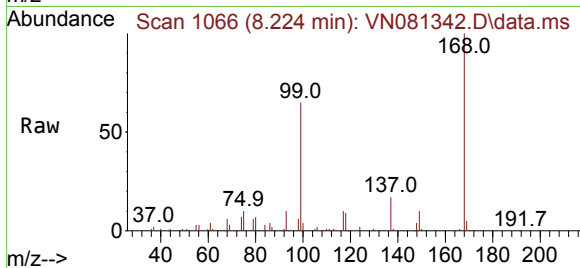
Tgt Ion: 75 Resp: 29235

Ion Ratio Lower Upper

75 100

110 7.6 16.0 48.0#

77 0.0 25.8 38.6#



#38

Carbon Tetrachloride

Concen: 6.384 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.135 min

Lab File: VN081342.D

Acq: 08 Mar 2024 13:26

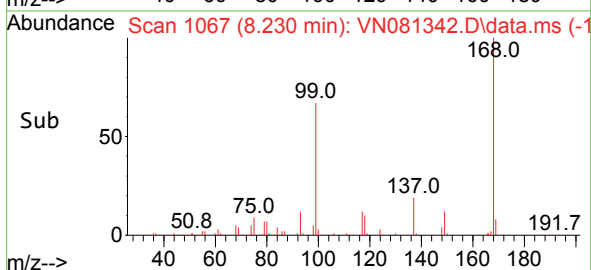
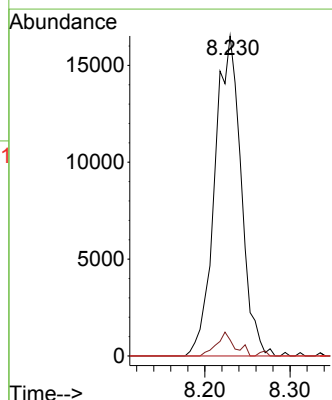
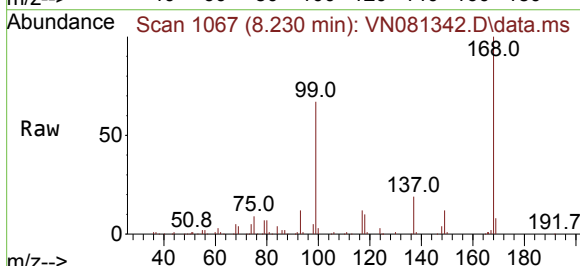
Tgt Ion: 117 Resp: 35374

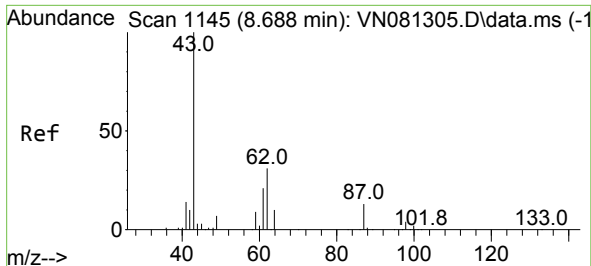
Ion Ratio Lower Upper

117 100

119 5.0 73.4 110.2#

121 0.0 24.4 36.6#

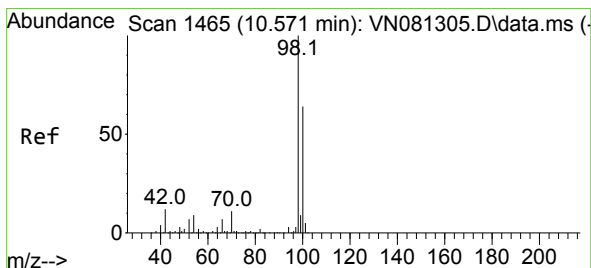
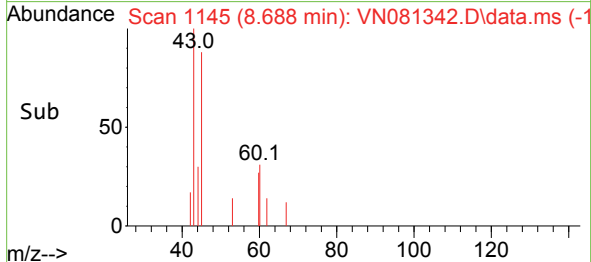
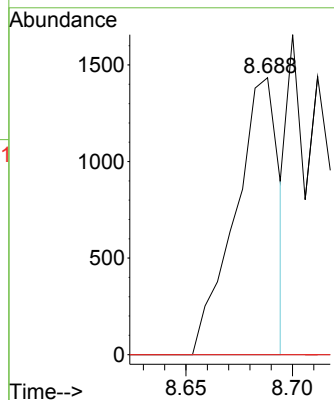
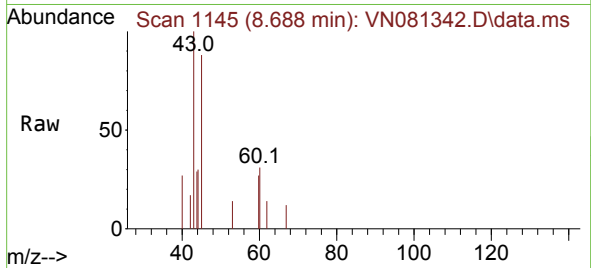




#43
Isopropyl Acetate
Concen: 0.219 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN081342.D
Acq: 08 Mar 2024 13:26

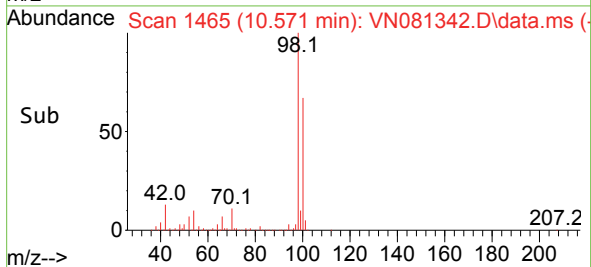
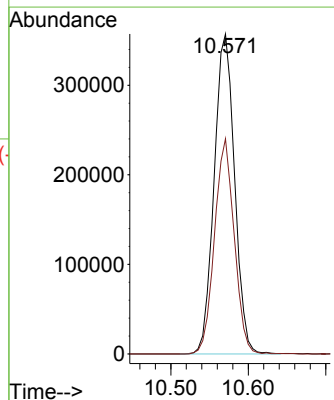
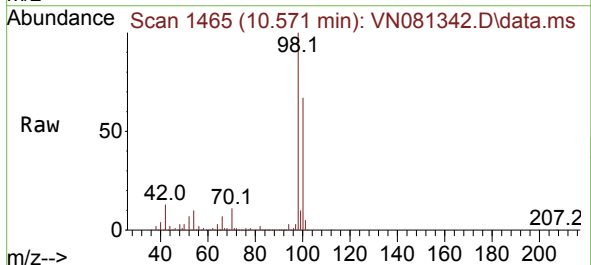
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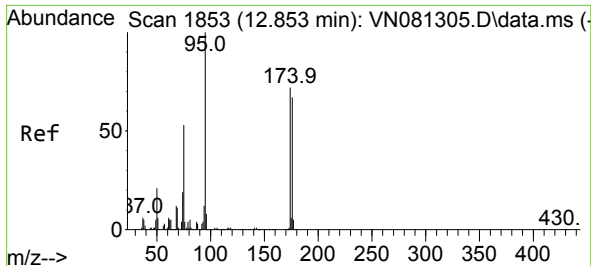
Tgt Ion: 43 Resp: 2060
Ion Ratio Lower Upper
43 100
61 0.0 19.9 29.9#
87 0.0 9.0 13.6#



#50
Toluene-d8
Concen: 51.423 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN081342.D
Acq: 08 Mar 2024 13:26

Tgt Ion: 98 Resp: 656005
Ion Ratio Lower Upper
98 100
100 64.9 51.4 77.0

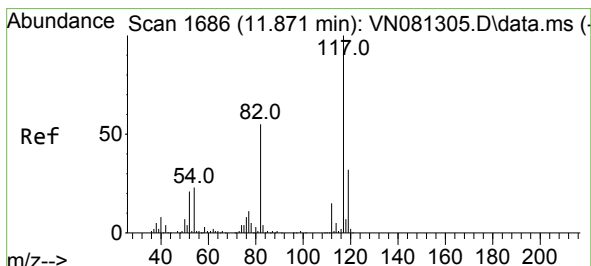
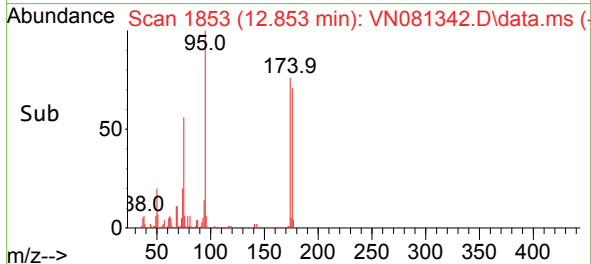
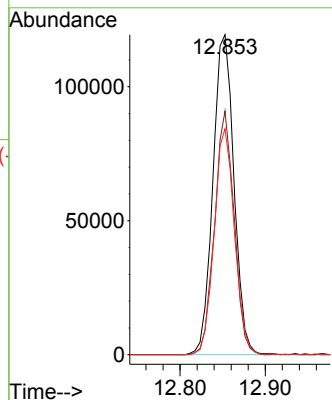
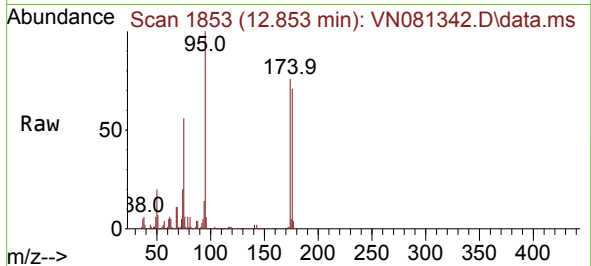




#62
4-Bromofluorobenzene
Concen: 45.362 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN081342.D
Acq: 08 Mar 2024 13:26

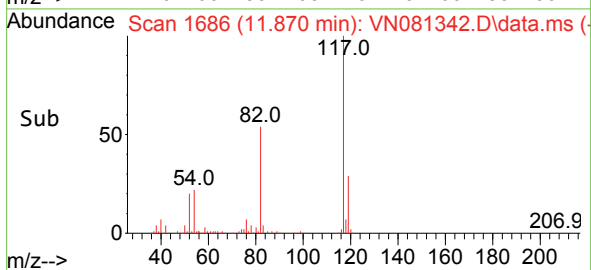
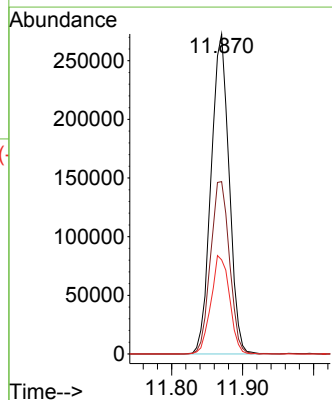
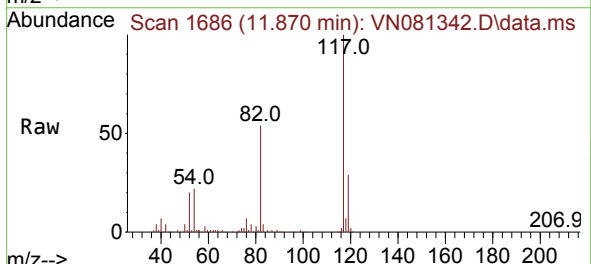
Instrument :
MSVOA_N
ClientSampleId :
IBLK

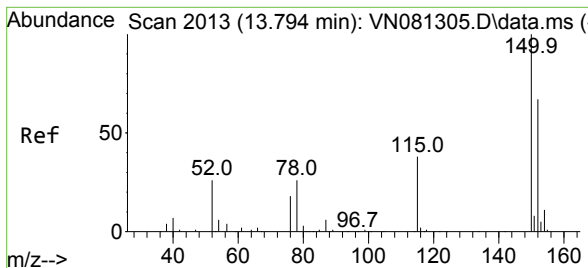
Tgt Ion: 95 Resp: 204528
Ion Ratio Lower Upper
95 100
174 70.9 0.0 120.4
176 68.1 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN081342.D
Acq: 08 Mar 2024 13:26

Tgt Ion: 117 Resp: 481525
Ion Ratio Lower Upper
117 100
82 53.8 52.7 79.1
119 29.4 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 20

Delta R.T. -0.000 min

Lab File: VN081342.D

Acq: 08 Mar 2024 13:26

Instrument :

MSVOA_N

ClientSampleId :

IBLK

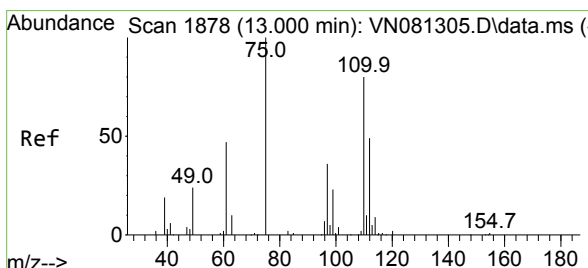
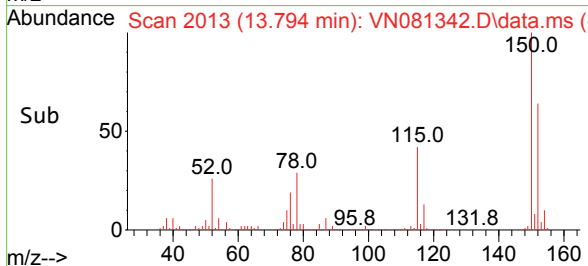
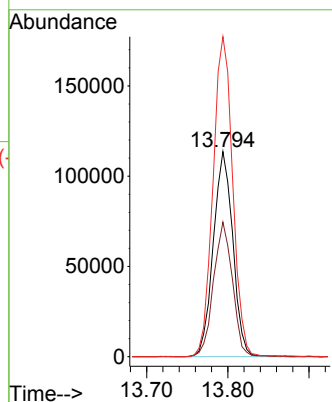
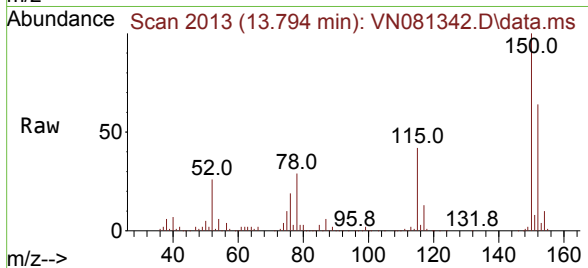
Tgt Ion:152 Resp: 189845

Ion Ratio Lower Upper

152 100

115 63.7 32.3 96.8

150 157.3 0.0 339.8



#76

1,2,3-Trichloropropane

Concen: 25.516 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN081342.D

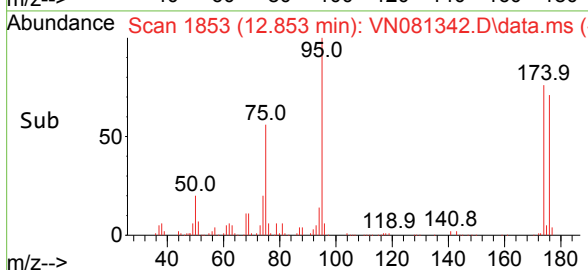
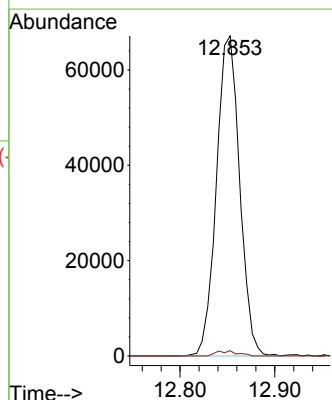
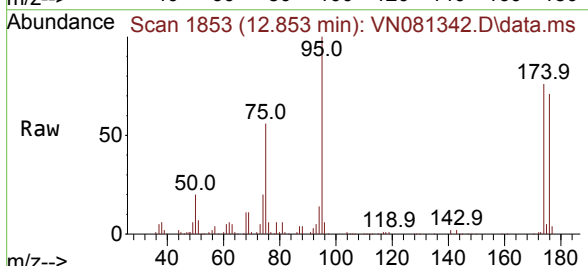
Acq: 08 Mar 2024 13:26

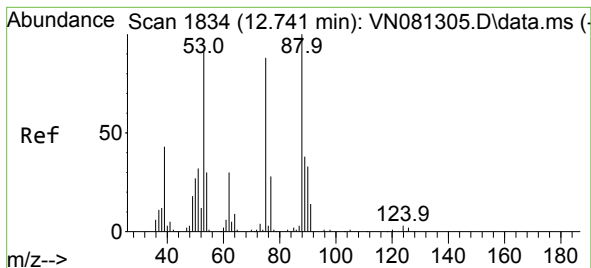
Tgt Ion: 75 Resp: 114416

Ion Ratio Lower Upper

75 100

77 1.4 91.0 272.8#

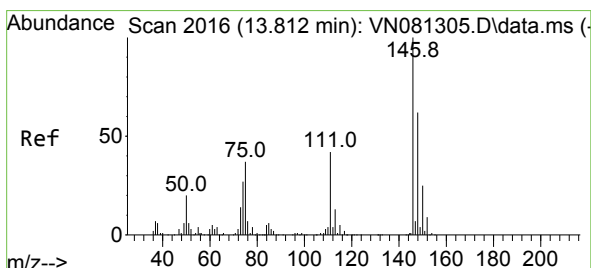
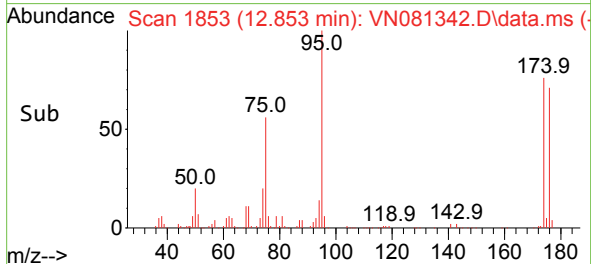
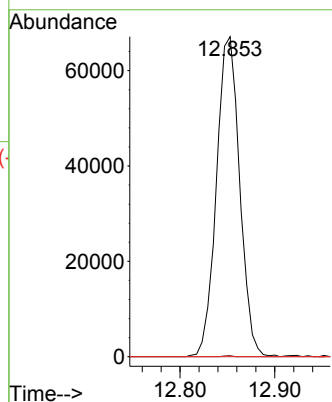
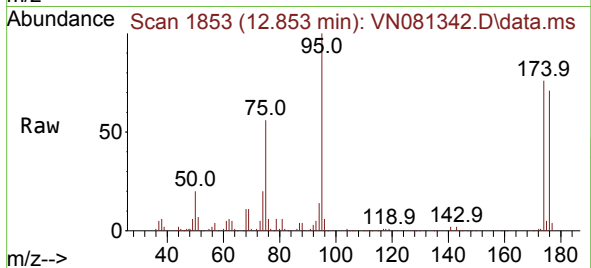




#81
trans-1,4-Dichloro-2-butene
Concen: 71.211 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN081342.D
Acq: 08 Mar 2024 13:26

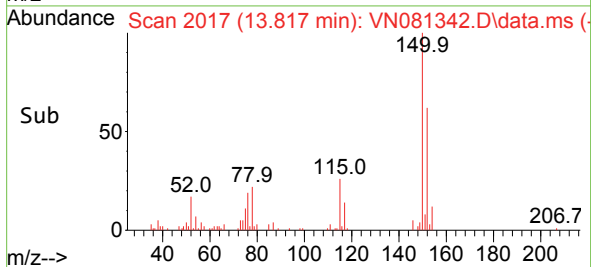
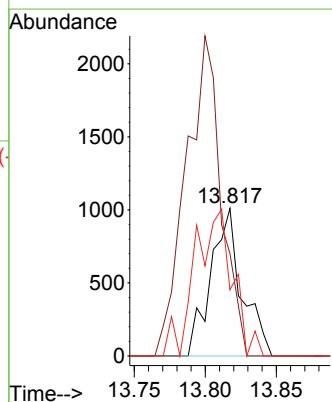
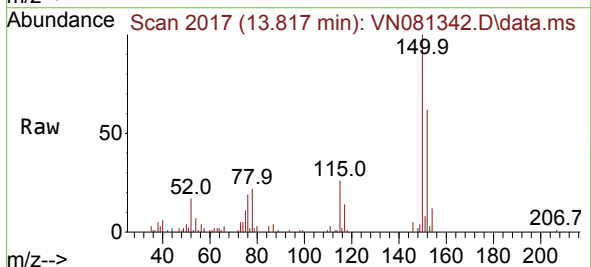
Instrument :
MSVOA_N
ClientSampleId :
IBLK

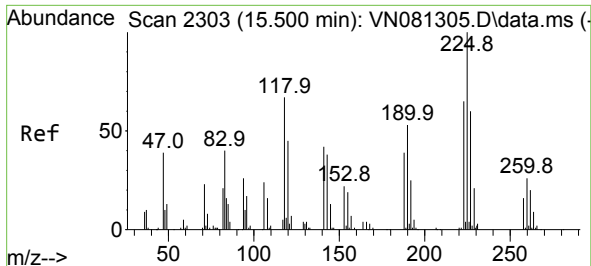
Tgt Ion: 75 Resp: 114416
Ion Ratio Lower Upper
75 100
53 0.1 71.4 107.2#
89 0.0 33.4 50.0#



#88
1,4-Dichlorobenzene
Concen: 0.224 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.006 min
Lab File: VN081342.D
Acq: 08 Mar 2024 13:26

Tgt Ion:146 Resp: 1540
Ion Ratio Lower Upper
146 100
111 244.5 22.6 67.7#
148 120.5 31.9 95.5#





#94
 Hexachlorobutadiene
 Concen: 0.349 ug/l
 RT: 15.517 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: VN081342.D
 Acq: 08 Mar 2024 13:26

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Tgt Ion:225 Resp: 508
 Ion Ratio Lower Upper
 225 100
 223 22.8 33.3 99.8#
 227 60.4 33.1 99.2

