

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031524\
 Data File : VN081443.D
 Acq On : 15 Mar 2024 22:28
 Operator : JC\MD
 Sample : P1782-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

Quant Time: Mar 15 23:41:21 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	8.229	168	268033	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	502146	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	436593	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	165159	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	215512	55.609	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 111.220%	
35) Dibromofluoromethane	8.171	113	163292	53.078	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.160%	
50) Toluene-d8	10.570	98	609598	53.006	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.020%	
62) 4-Bromofluorobenzene	12.853	95	179364	44.127	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 88.260%	

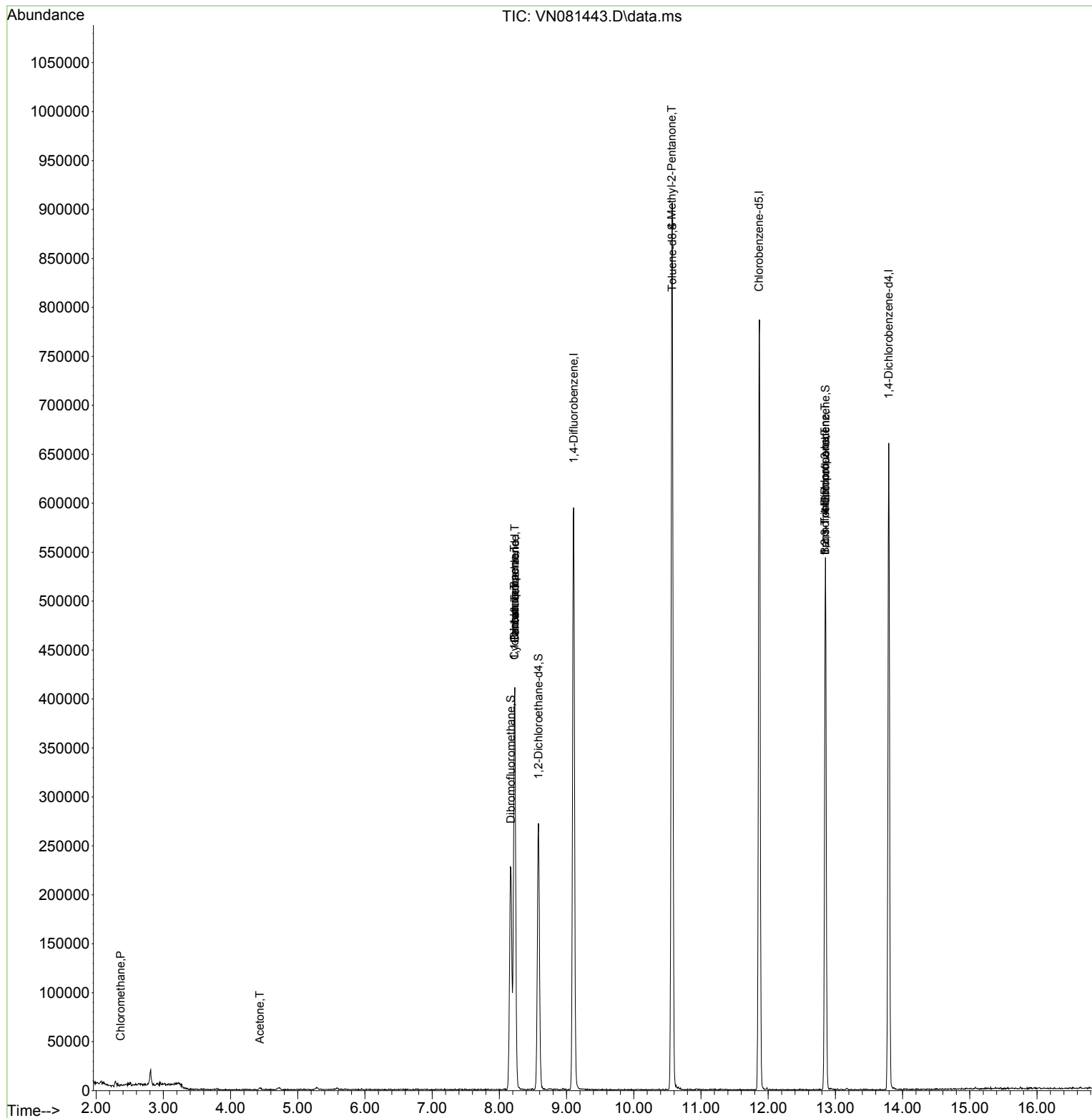
Target Compounds			Qvalue			
3) Chloromethane	2.365	50	923	0.240	ug/l #	43
16) Acetone	4.436	43	3054	2.224	ug/l #	79
20) Methylene Chloride	5.271	84	509	Below Cal	#	74
31) Cyclohexane	8.224	56	8241	1.405	ug/l #	29
36) 1,1-Dichloropropene	8.224	75	26807	5.401	ug/l #	51
38) Carbon Tetrachloride	8.229	117	32221	6.450	ug/l #	19
51) 4-Methyl-2-Pentanone	10.565	43	3066	0.622	ug/l #	1
71) Bromoform	12.847	173	909	0.389	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	103139	26.439	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	103139	73.787	ug/l #	14

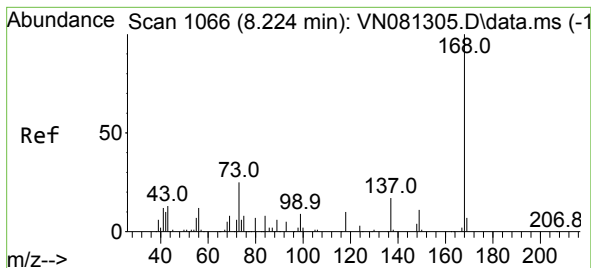
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 06 03:12:57 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.229 min Scan# 1

Delta R.T. 0.005 min

Lab File: VN081443.D

Acq: 15 Mar 2024 22:28

Instrument :

MSVOA_N

ClientSampleId :

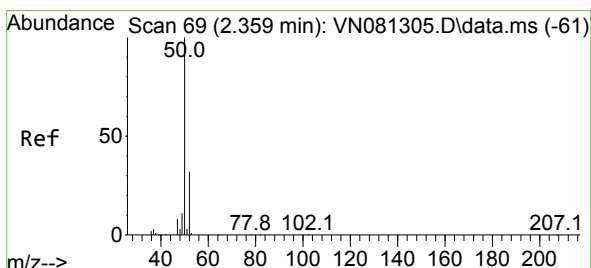
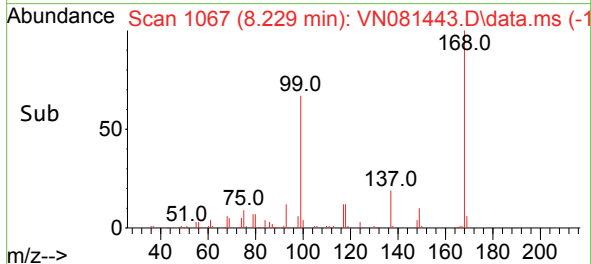
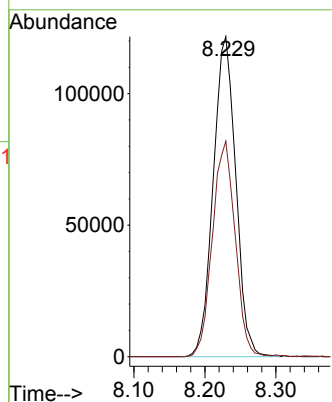
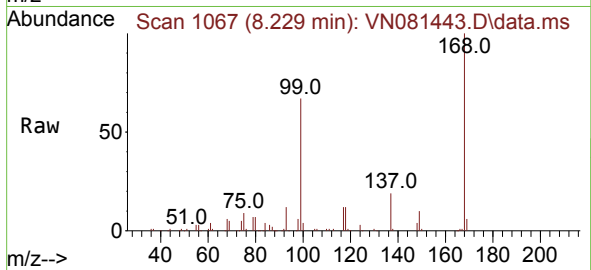
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion:168 Resp: 268033

Ion Ratio Lower Upper

168 100

99 67.4 59.9 89.9



#3

Chloromethane

Concen: 0.240 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN081443.D

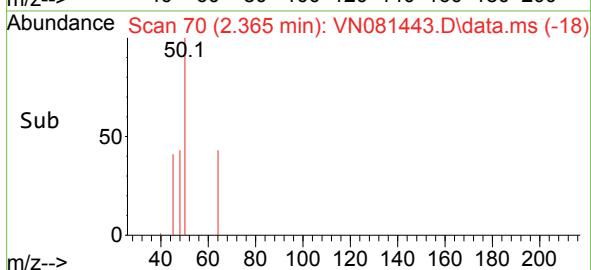
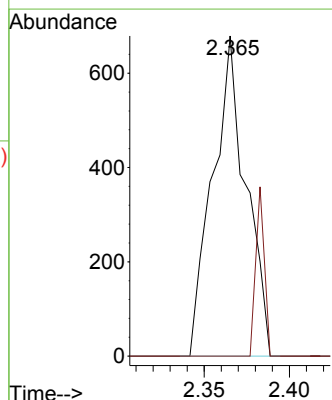
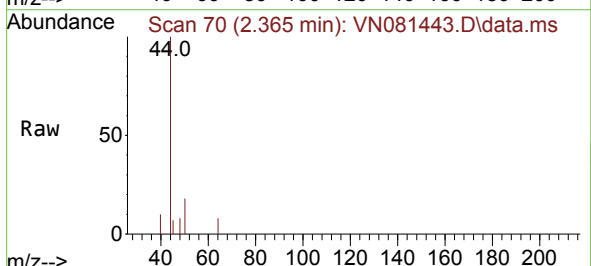
Acq: 15 Mar 2024 22:28

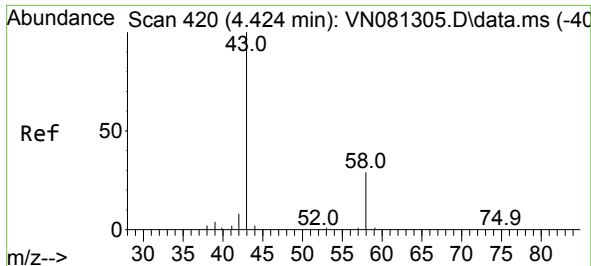
Tgt Ion: 50 Resp: 923

Ion Ratio Lower Upper

50 100

52 0.0 25.0 37.4#





#16

Acetone

Concen: 2.224 ug/l

RT: 4.436 min Scan# 41

Delta R.T. 0.012 min

Lab File: VN081443.D

Acq: 15 Mar 2024 22:28

Instrument :

MSVOA_N

ClientSampleId :

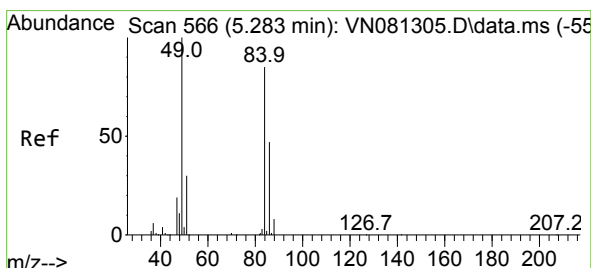
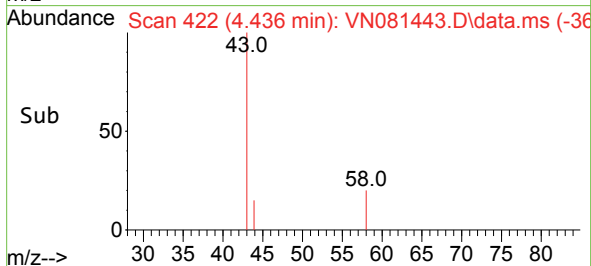
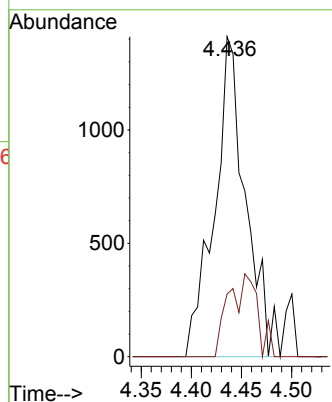
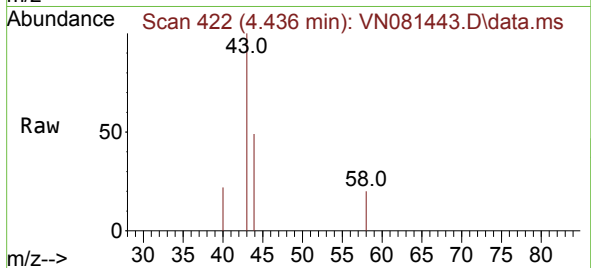
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 43 Resp: 3054

Ion Ratio Lower Upper

43 100

58 19.6 24.8 37.2#



#20

Methylene Chloride

Concen: Below Cal

RT: 5.271 min Scan# 564

Delta R.T. -0.012 min

Lab File: VN081443.D

Acq: 15 Mar 2024 22:28

Tgt Ion: 84 Resp: 509

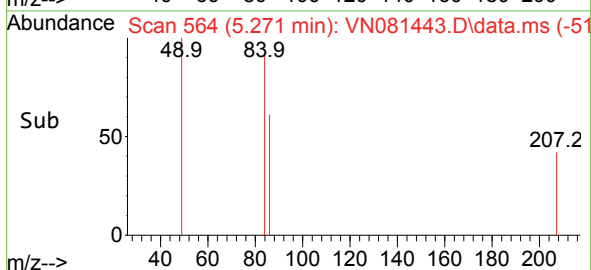
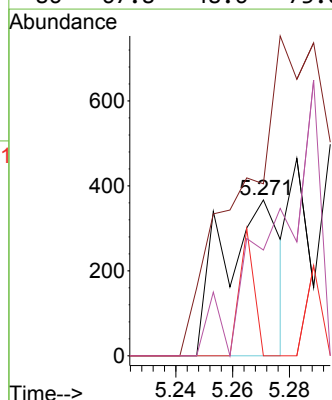
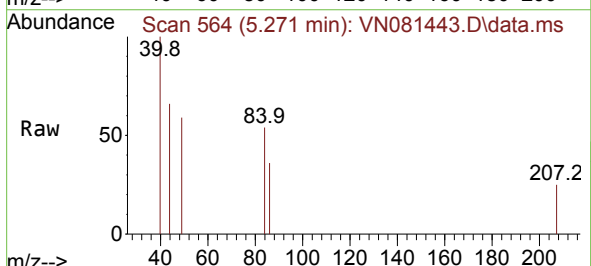
Ion Ratio Lower Upper

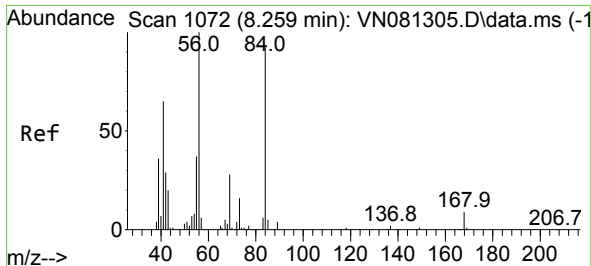
84 100

49 110.4 108.1 162.1

51 0.0 32.9 49.3#

86 67.8 48.6 73.0

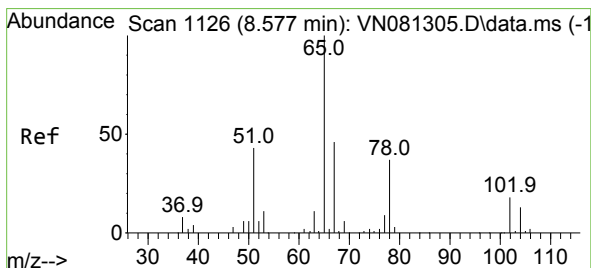
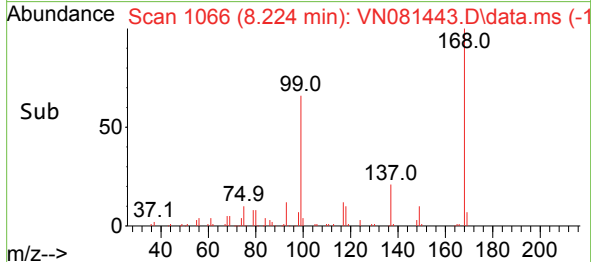
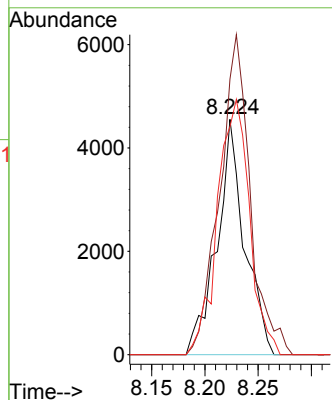
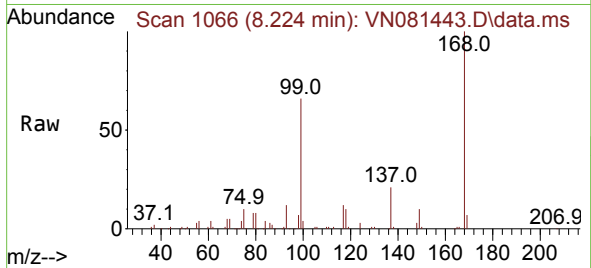




#31
Cyclohexane
Concen: 1.405 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN081443.D
Acq: 15 Mar 2024 22:28

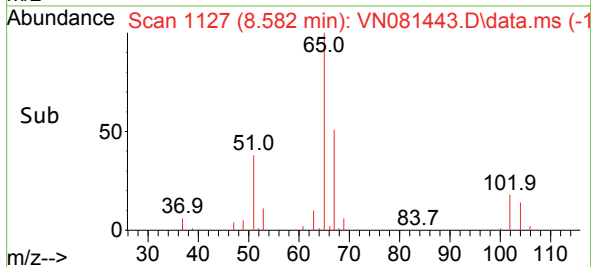
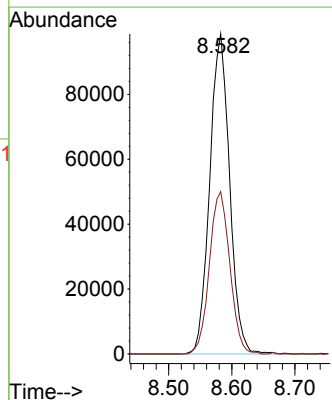
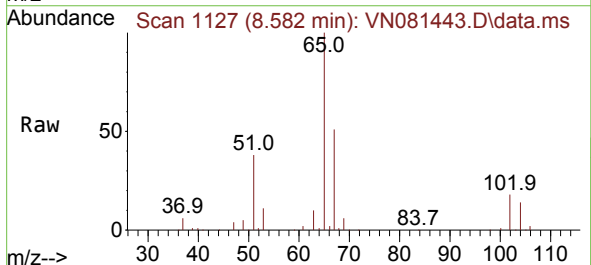
Instrument :
MSVOA_N
ClientSampleId :
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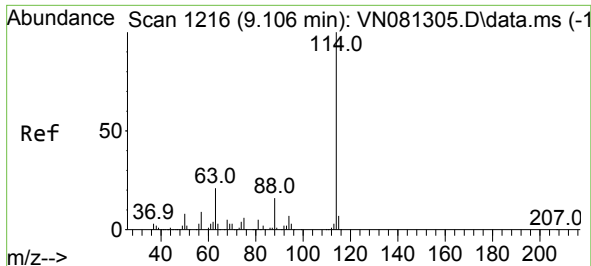
Tgt Ion: 56 Resp: 8241
Ion Ratio Lower Upper
56 100
69 117.1 20.1 30.1#
84 96.9 56.9 85.3#



#33
1,2-Dichloroethane-d4
Concen: 55.609 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081443.D
Acq: 15 Mar 2024 22:28

Tgt Ion: 65 Resp: 215512
Ion Ratio Lower Upper
65 100
67 52.2 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN081443.D

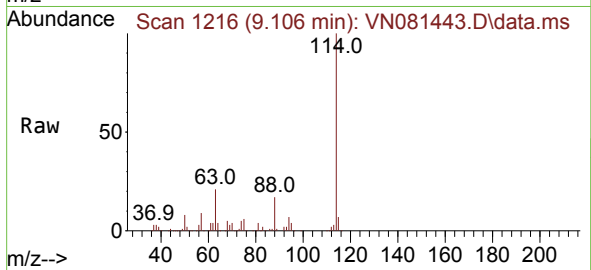
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Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG



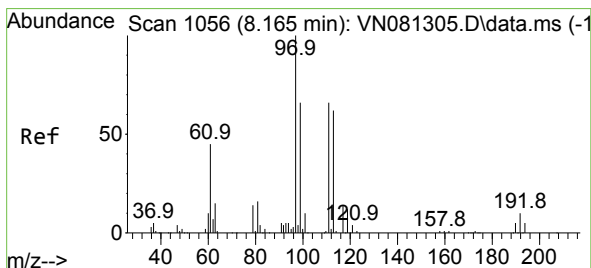
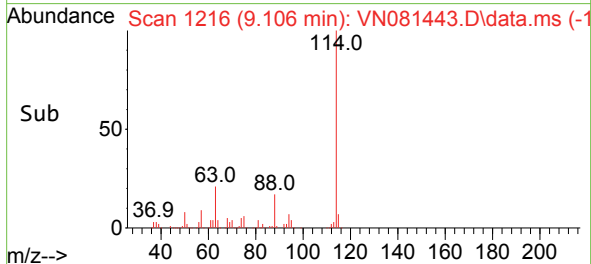
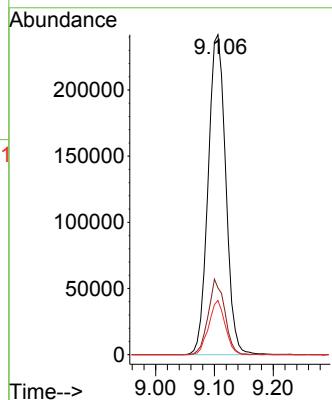
Tgt Ion:114 Resp: 502146

Ion Ratio Lower Upper

114 100

63 20.8 0.0 48.0

88 16.9 0.0 34.8



#35

Dibromofluoromethane

Concen: 53.078 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN081443.D

Acq: 15 Mar 2024 22:28

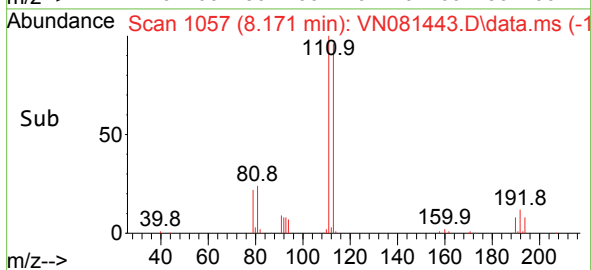
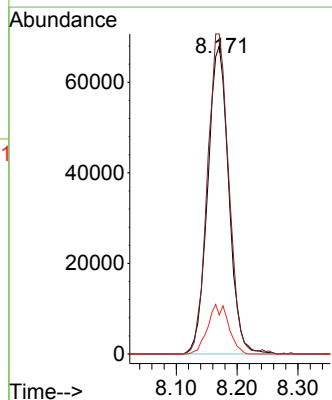
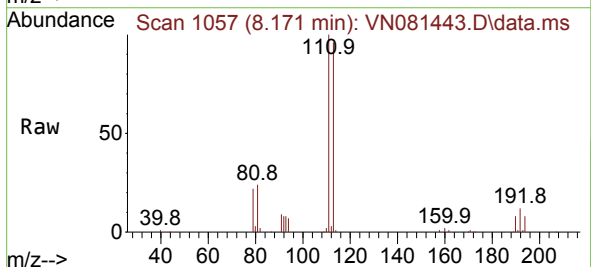
Tgt Ion:113 Resp: 163292

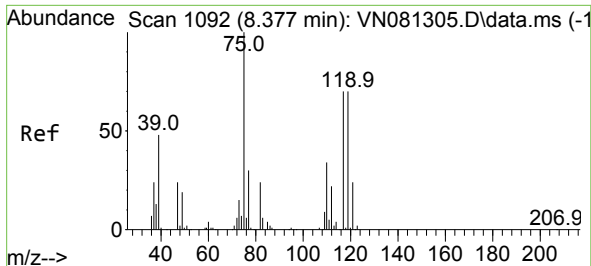
Ion Ratio Lower Upper

113 100

111 104.9 82.2 123.4

192 16.0 12.5 18.7





#36

1,1-Dichloropropene

Concen: 5.401 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.153 min

Lab File: VN081443.D

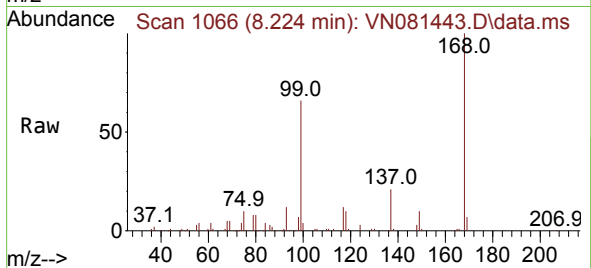
Acq: 15 Mar 2024 22:28

Instrument :

MSVOA_N

ClientSampleId :

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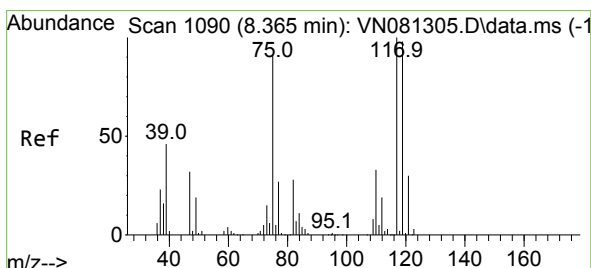
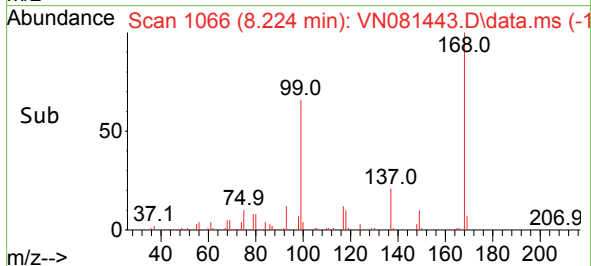
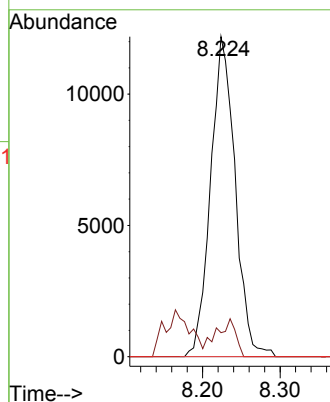
Tgt Ion: 75 Resp: 26807

Ion Ratio Lower Upper

75 100

110 9.5 16.0 48.0#

77 0.0 25.8 38.6#



#38

Carbon Tetrachloride

Concen: 6.450 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.135 min

Lab File: VN081443.D

Acq: 15 Mar 2024 22:28

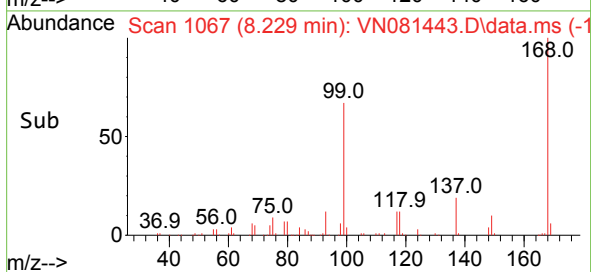
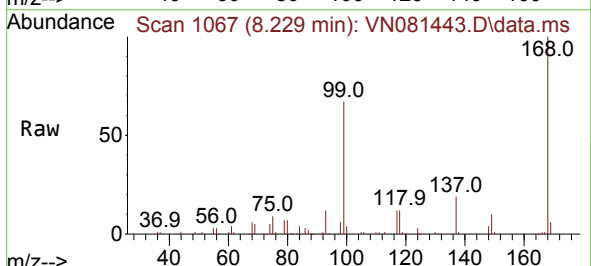
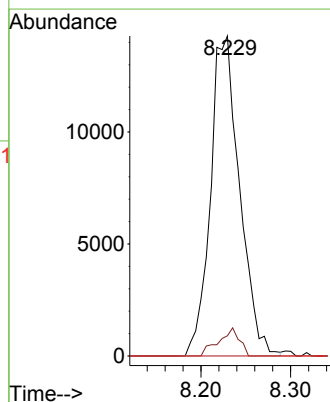
Tgt Ion: 117 Resp: 32221

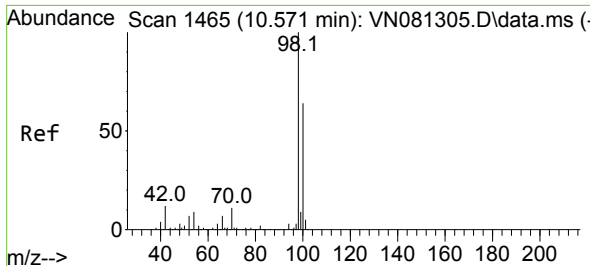
Ion Ratio Lower Upper

117 100

119 6.3 73.4 110.2#

121 0.0 24.4 36.6#

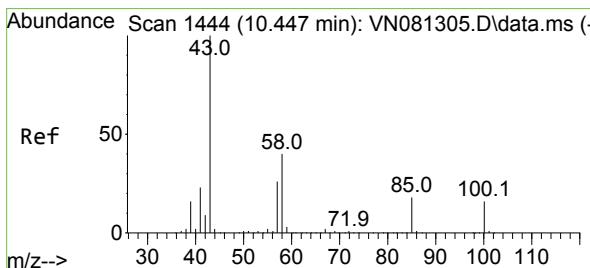
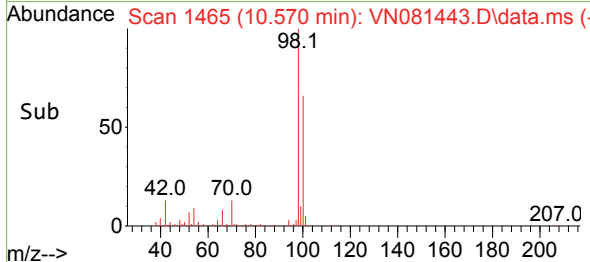
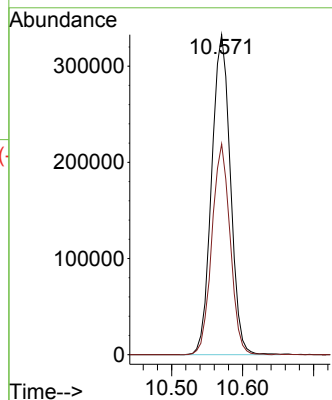
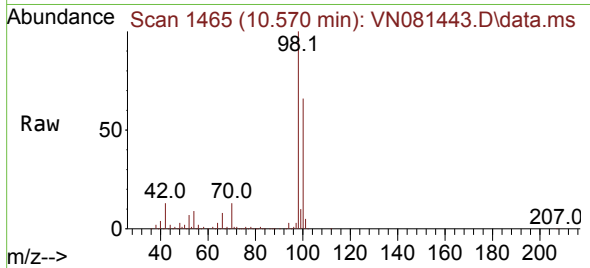




#50
Toluene-d8
Concen: 53.006 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN081443.D
Acq: 15 Mar 2024 22:28

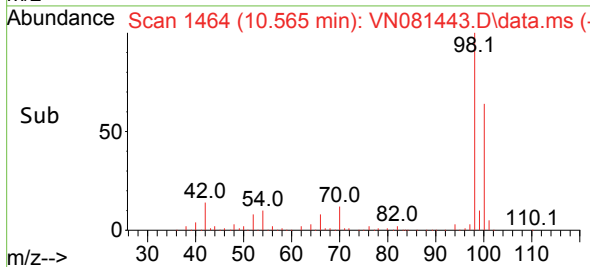
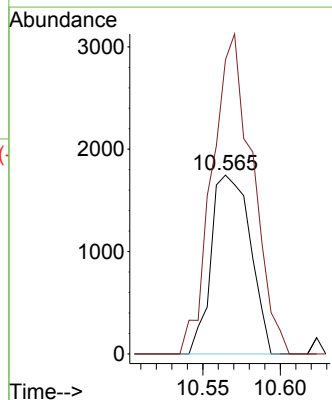
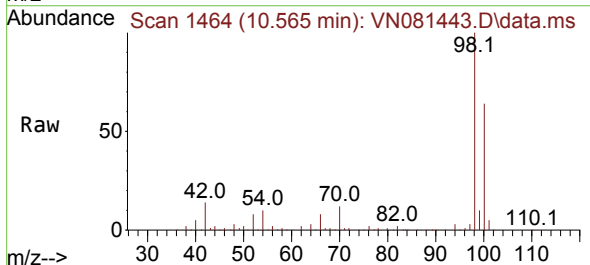
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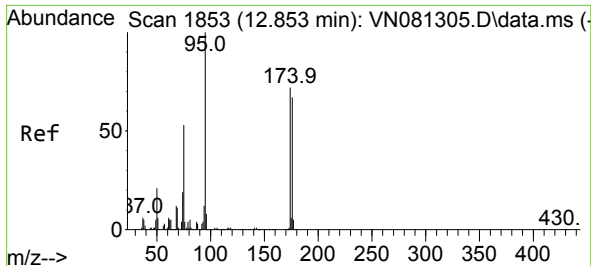
Tgt Ion: 98 Resp: 609598
Ion Ratio Lower Upper
98 100
100 64.0 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 0.622 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN081443.D
Acq: 15 Mar 2024 22:28

Tgt Ion: 43 Resp: 3066
Ion Ratio Lower Upper
43 100
58 184.5 29.4 44.0#

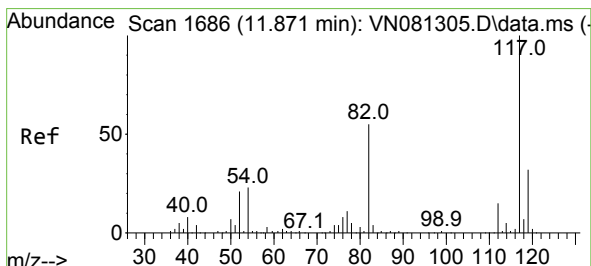
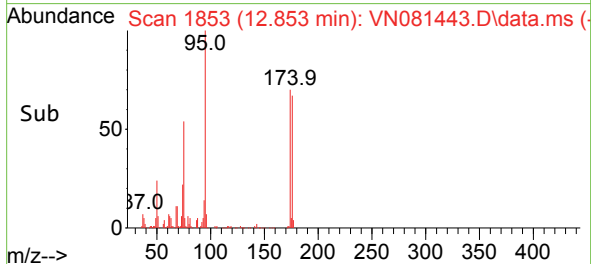
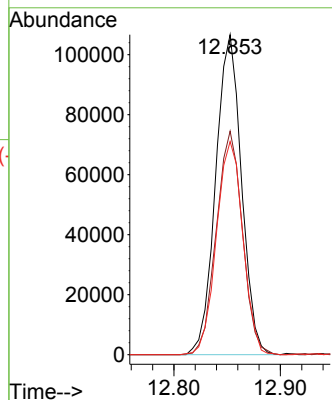
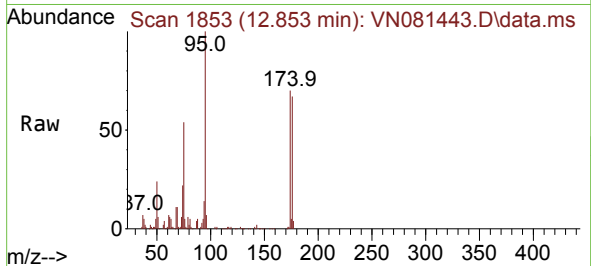




#62
4-Bromofluorobenzene
Concen: 44.127 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN081443.D
Acq: 15 Mar 2024 22:28

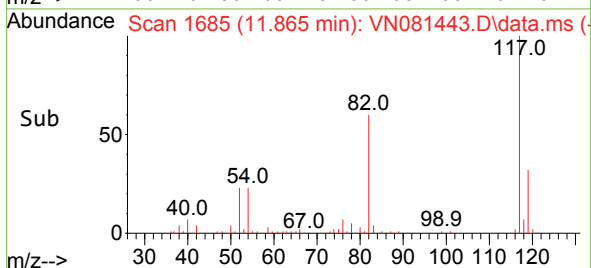
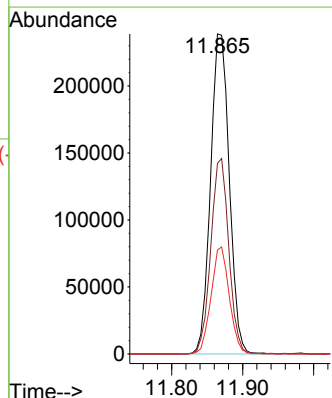
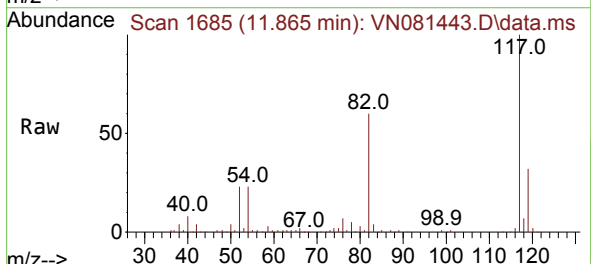
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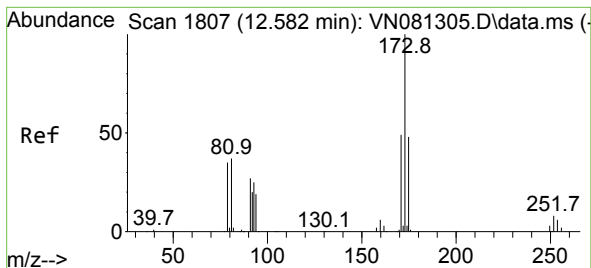
Tgt Ion: 95 Resp: 179364
Ion Ratio Lower Upper
95 100
174 70.7 0.0 120.4
176 68.2 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VN081443.D
Acq: 15 Mar 2024 22:28

Tgt Ion: 117 Resp: 436593
Ion Ratio Lower Upper
117 100
82 59.5 52.7 79.1
119 32.5 25.3 37.9





#71

Bromoform

Concen: 0.389 ug/l

RT: 12.847 min Scan# 11

Delta R.T. 0.265 min

Lab File: VN081443.D

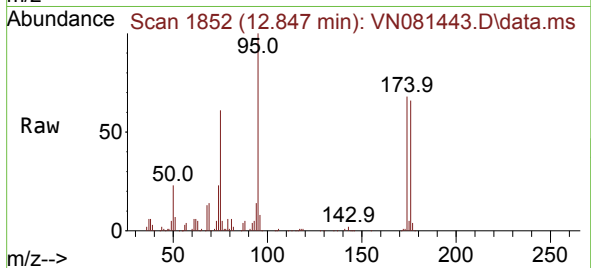
Acq: 15 Mar 2024 22:28

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG



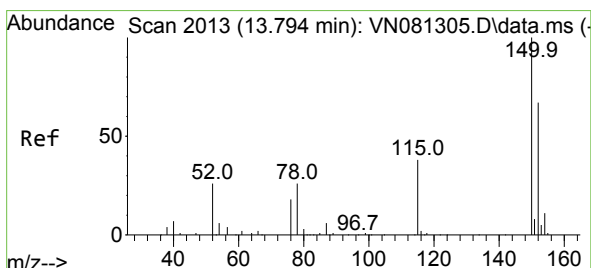
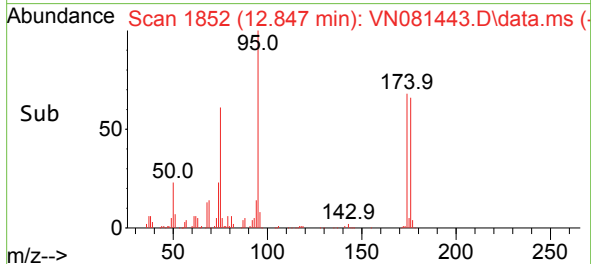
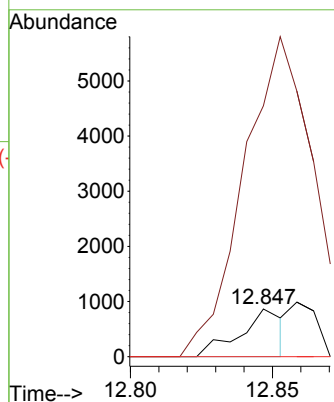
Tgt Ion:173 Resp: 909

Ion Ratio Lower Upper

173 100

175 861.8 23.1 69.2#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN081443.D

Acq: 15 Mar 2024 22:28

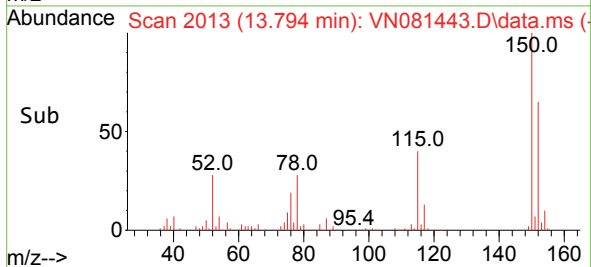
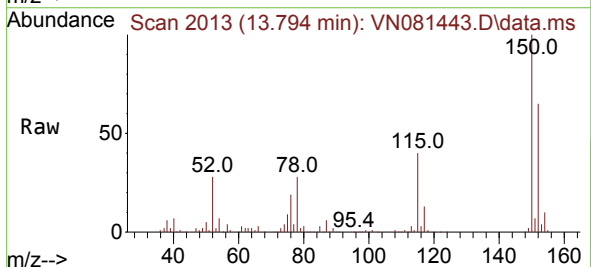
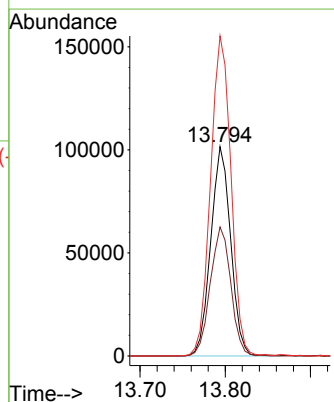
Tgt Ion:152 Resp: 165159

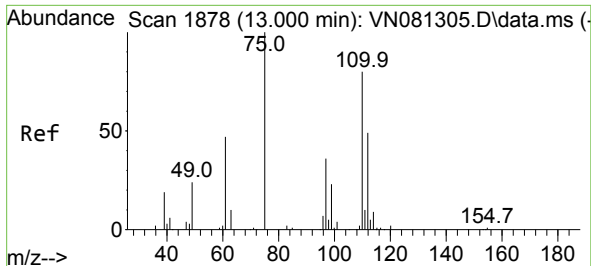
Ion Ratio Lower Upper

152 100

115 63.4 32.3 96.8

150 156.5 0.0 339.8

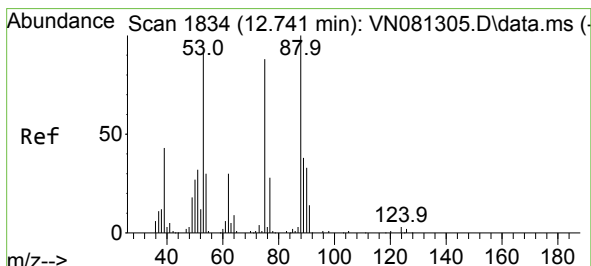
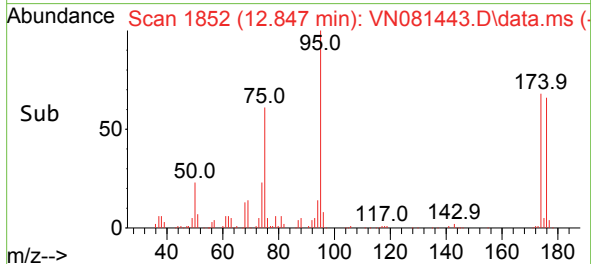
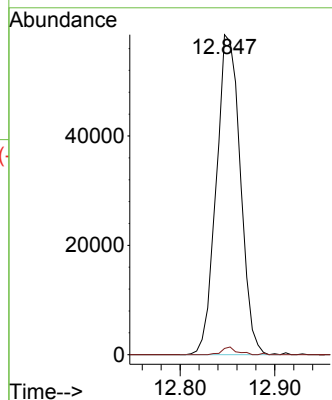
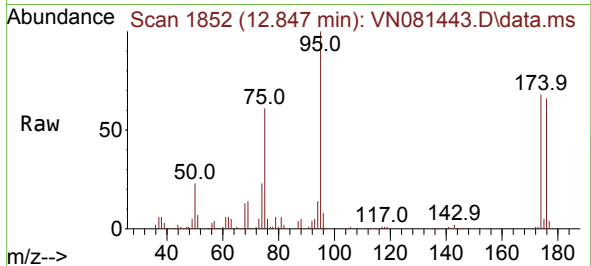




#76
1,2,3-Trichloropropane
Concen: 26.439 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.153 min
Lab File: VN081443.D
Acq: 15 Mar 2024 22:28

Instrument : MSVOA_N
ClientSampleId : STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 75 Resp: 103139
Ion Ratio Lower Upper
75 100
77 1.5 91.0 272.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.787 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.106 min
Lab File: VN081443.D
Acq: 15 Mar 2024 22:28

Tgt Ion: 75 Resp: 103139
Ion Ratio Lower Upper
75 100
53 0.1 71.4 107.2#
89 0.1 33.4 50.0#

