

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051624\
 Data File : VN082160.D
 Acq On : 16 May 2024 14:31
 Operator : JC\MD
 Sample : P2509-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 240508002-05-TRIP-BLANK

Quant Time: May 17 05:02:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 04:08:43 2024
 Response via : Initial Calibration

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

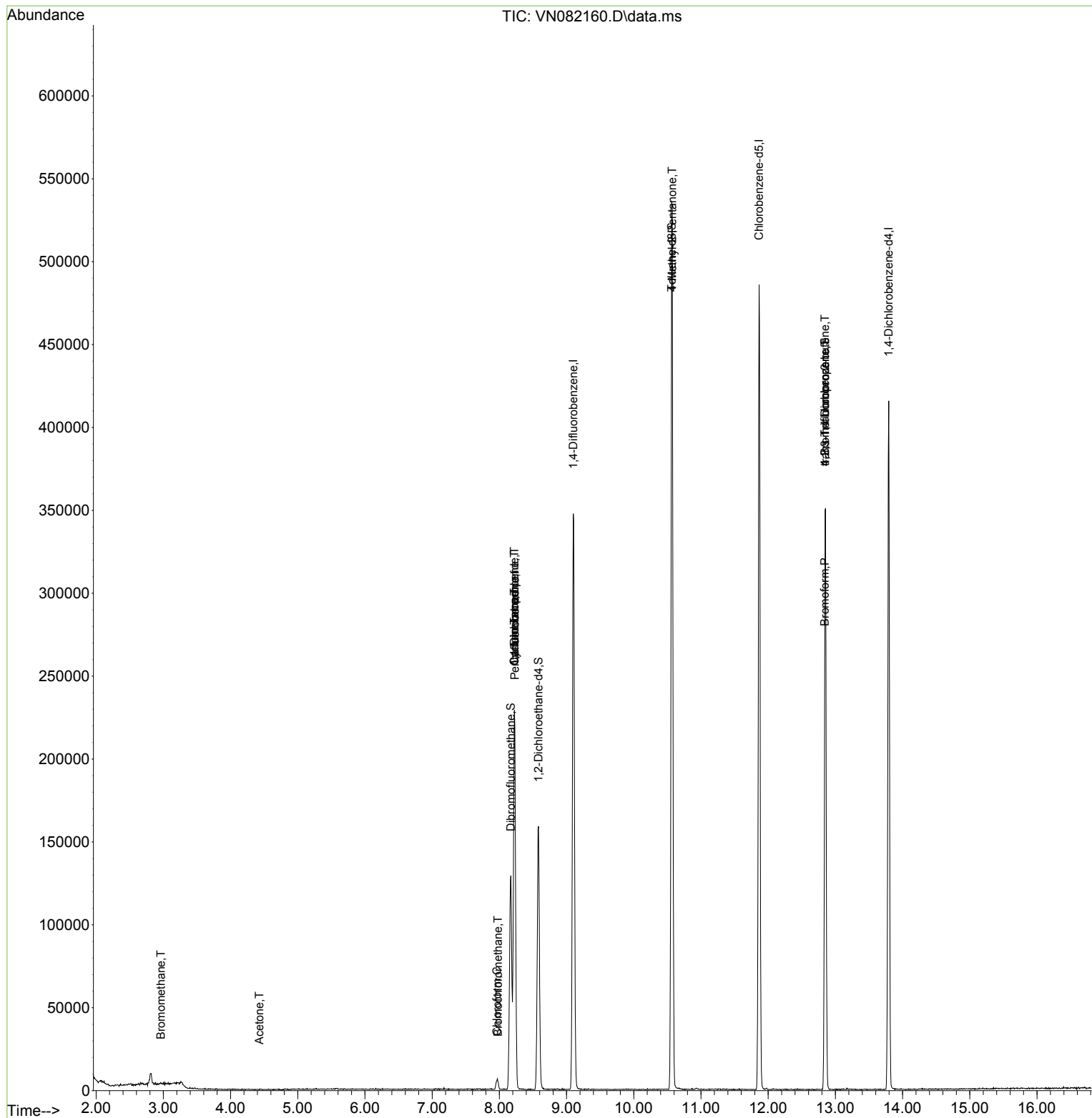
Internal Standards						
1) Pentafluorobenzene	8.230	168	158054	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	276652	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	254784	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	103174	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	131765	52.797	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.600%	
35) Dibromofluoromethane	8.171	113	89512	52.597	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.200%	
50) Toluene-d8	10.565	98	351849	53.926	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.860%	
62) 4-Bromofluorobenzene	12.847	95	114473	49.155	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 98.300%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.965	94	318	0.228	ug/l #	64
16) Acetone	4.430	43	242	0.236	ug/l #	43
28) Bromochloromethane	7.977	49	470	0.254	ug/l #	10
30) Chloroform	7.965	83	5821	1.532	ug/l	90
31) Cyclohexane	8.224	56	5136	1.288	ug/l #	46
36) 1,1-Dichloropropene	8.224	75	14925	5.229	ug/l #	49
38) Carbon Tetrachloride	8.224	117	17001	5.876	ug/l #	17
51) 4-Methyl-2-Pentanone	10.571	43	2076	0.646	ug/l #	1
71) Bromoform	12.841	173	455	0.342	ug/l #	28
76) 1,2,3-Trichloropropane	12.847	75	67924	31.279	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	67924	73.160	ug/l #	12

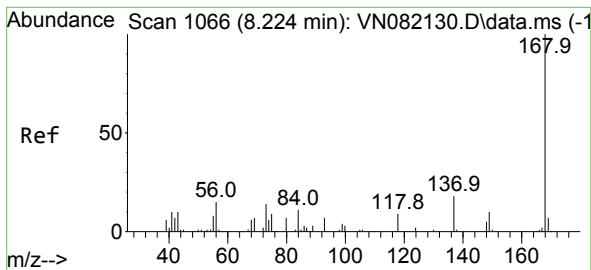
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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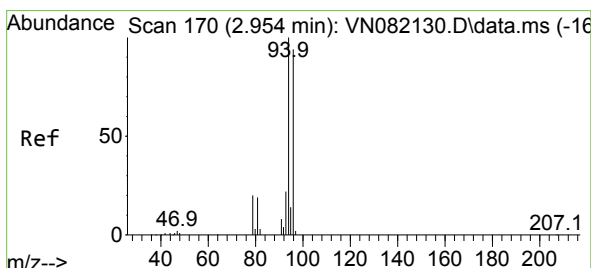
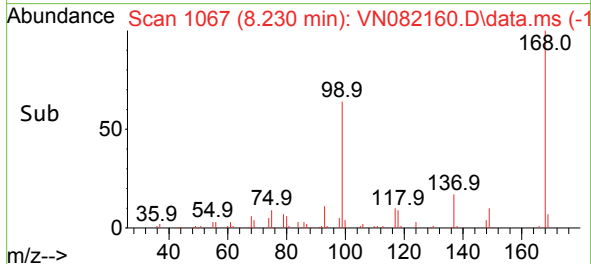
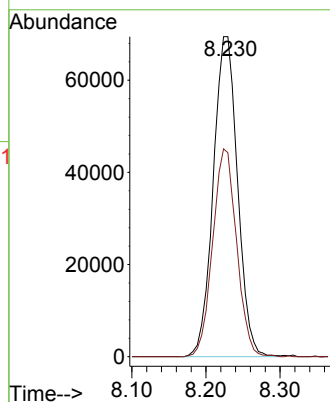
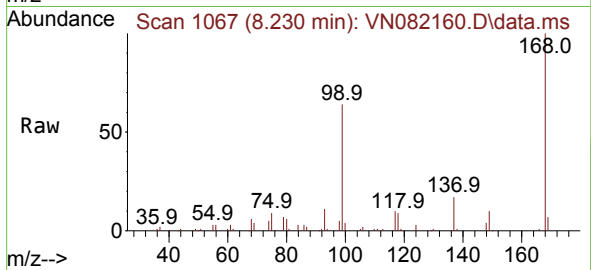




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN082160.D
Acq: 16 May 2024 14:31

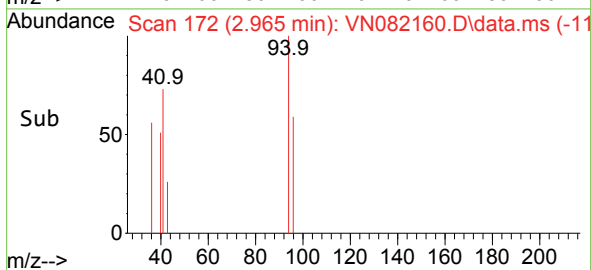
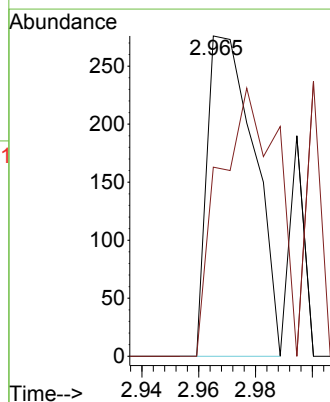
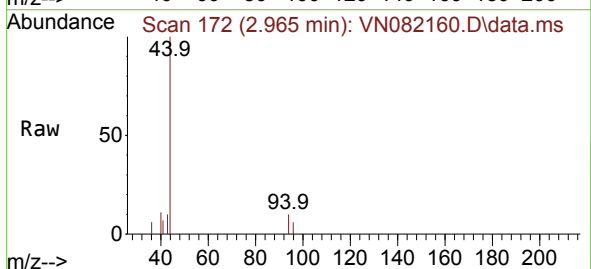
Instrument :
MSVOA_N
ClientSampleId :
240508002-05-TRIP-BLANK

Tgt Ion:168 Resp: 158054
Ion Ratio Lower Upper
168 100
99 63.8 48.2 72.4



#5
Bromomethane
Concen: 0.228 ug/l
RT: 2.965 min Scan# 172
Delta R.T. 0.012 min
Lab File: VN082160.D
Acq: 16 May 2024 14:31

Tgt Ion: 94 Resp: 318
Ion Ratio Lower Upper
94 100
96 59.1 74.8 112.2#

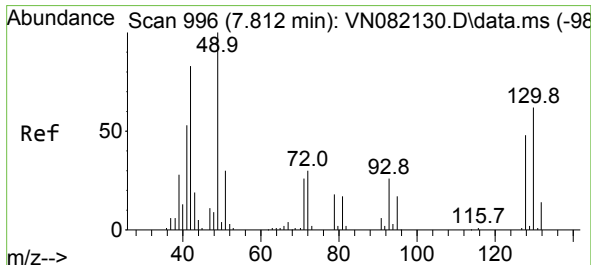
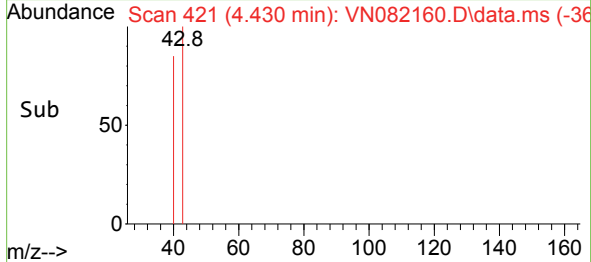
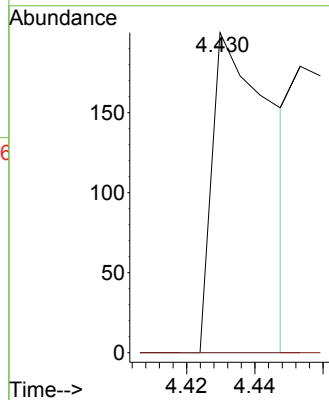
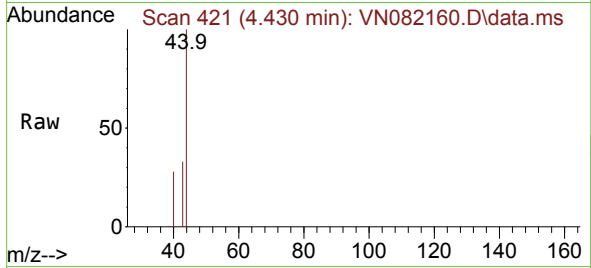




#16
Acetone
Concen: 0.236 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN082160.D
Acq: 16 May 2024 14:31

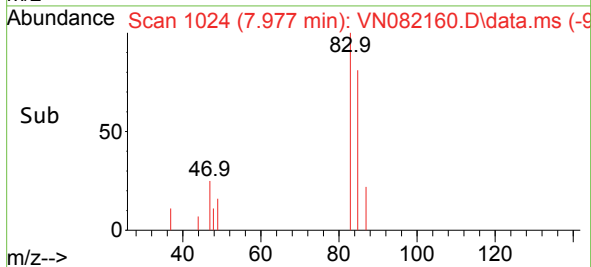
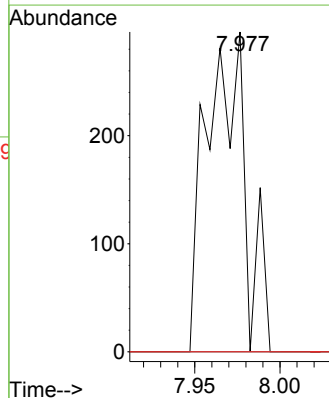
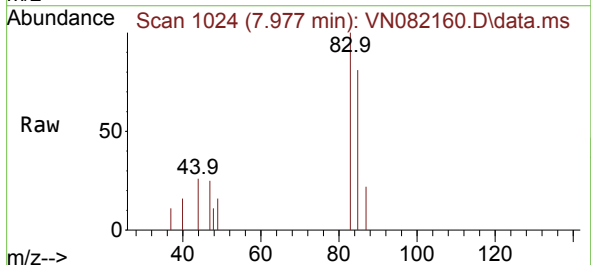
Instrument :
MSVOA_N
ClientSampleId :
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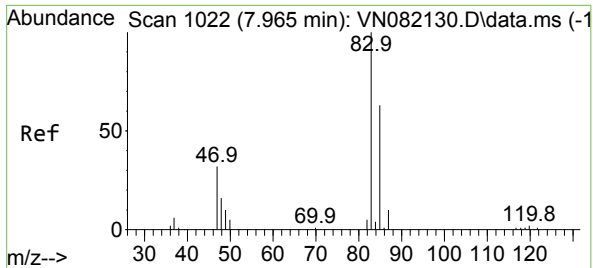
Tgt Ion: 43 Resp: 242
Ion Ratio Lower Upper
43 100
58 0.0 25.2 37.8#



#28
Bromochloromethane
Concen: 0.254 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. 0.165 min
Lab File: VN082160.D
Acq: 16 May 2024 14:31

Tgt Ion: 49 Resp: 470
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.6
130 0.0 66.7 100.1#

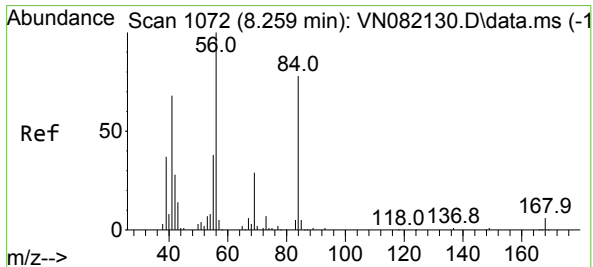
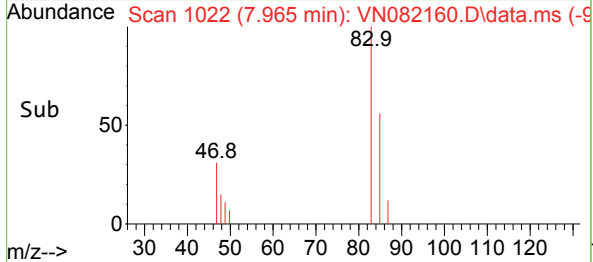
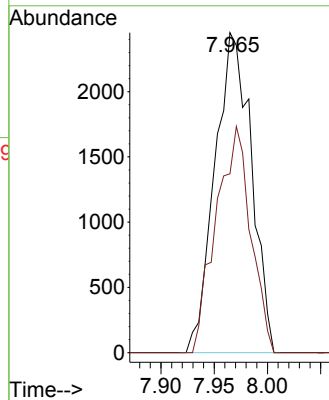
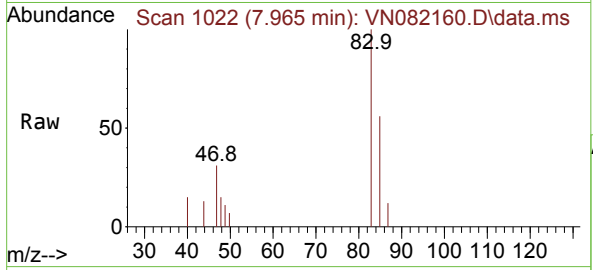




#30
Chloroform
Concen: 1.532 ug/l
RT: 7.965 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082160.D
Acq: 16 May 2024 14:31

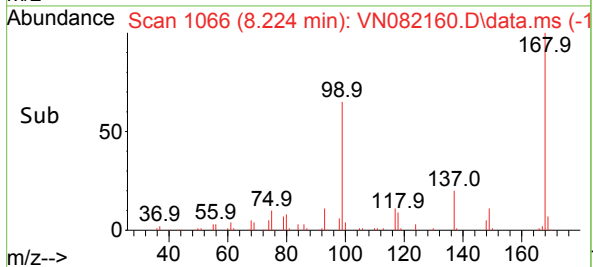
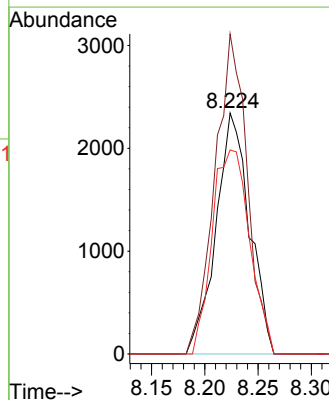
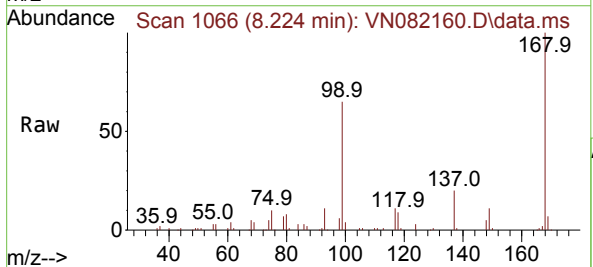
Instrument :
MSVOA_N
ClientSampleId :
240508002-05-TRIP-BLANK

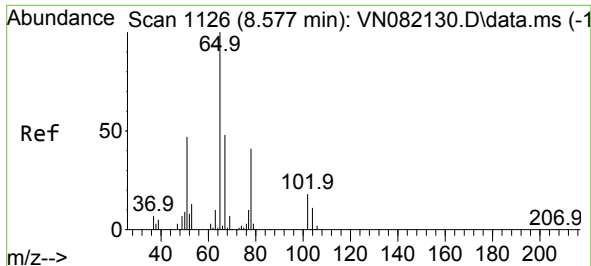
Tgt Ion: 83 Resp: 5821
Ion Ratio Lower Upper
83 100
85 55.9 50.7 76.1



#31
Cyclohexane
Concen: 1.288 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082160.D
Acq: 16 May 2024 14:31

Tgt Ion: 56 Resp: 5136
Ion Ratio Lower Upper
56 100
69 132.8 24.4 36.6#
84 84.6 77.0 115.4





#33

1,2-Dichloroethane-d4

Concen: 52.797 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082160.D

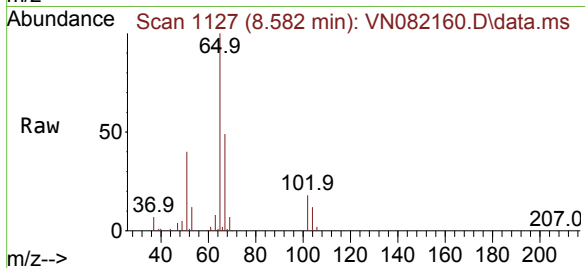
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Instrument :

MSVOA_N

ClientSampleId :

240508002-05-TRIP-BLANK

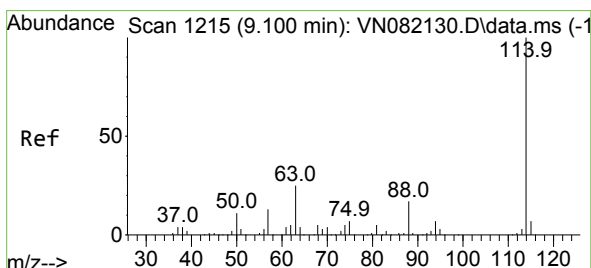
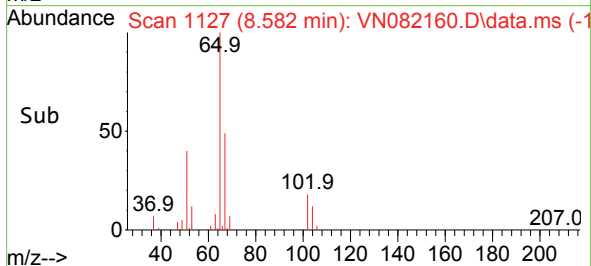
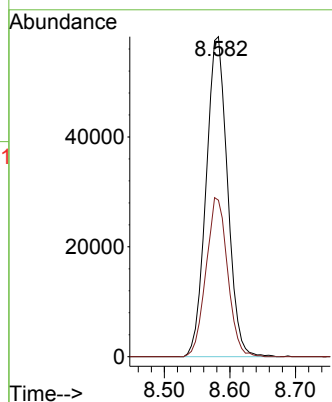


Tgt Ion: 65 Resp: 131765

Ion Ratio Lower Upper

65 100

67 50.2 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN082160.D

Acq: 16 May 2024 14:31

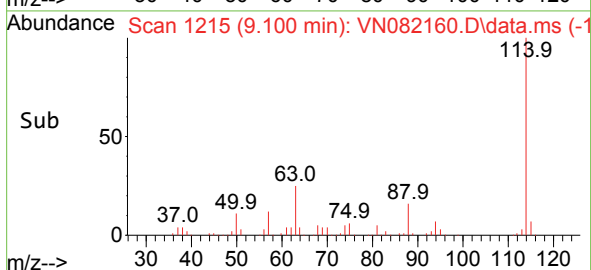
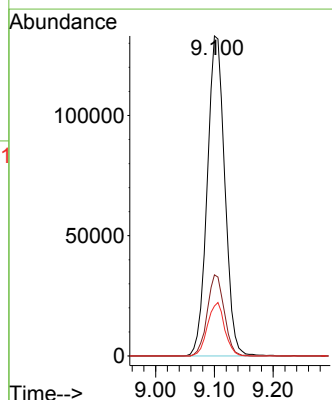
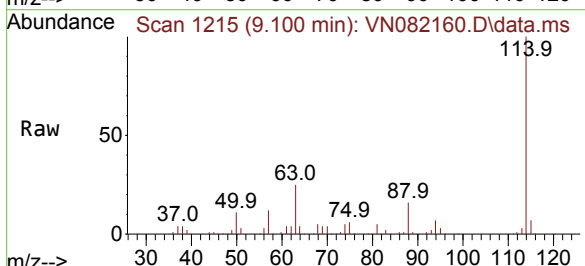
Tgt Ion: 114 Resp: 276652

Ion Ratio Lower Upper

114 100

63 25.3 0.0 41.0

88 15.6 0.0 31.4

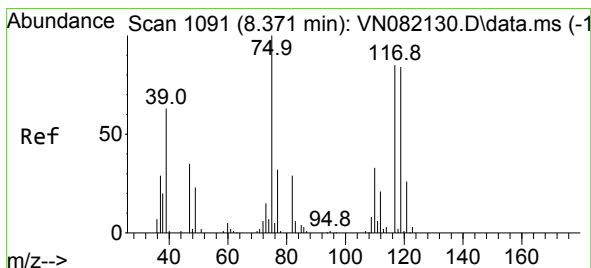
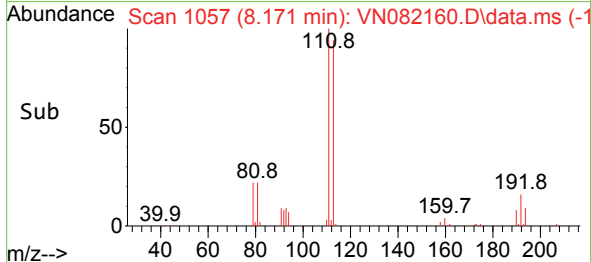
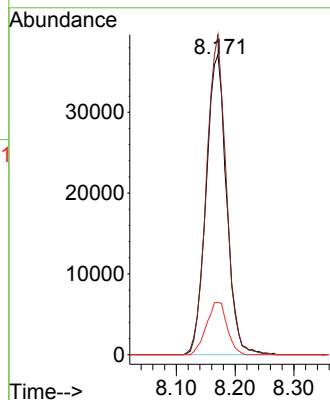
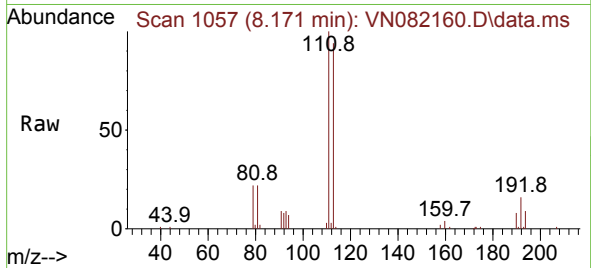




#35
 Dibromofluoromethane
 Concen: 52.597 ug/l
 RT: 8.171 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN082160.D
 Acq: 16 May 2024 14:31

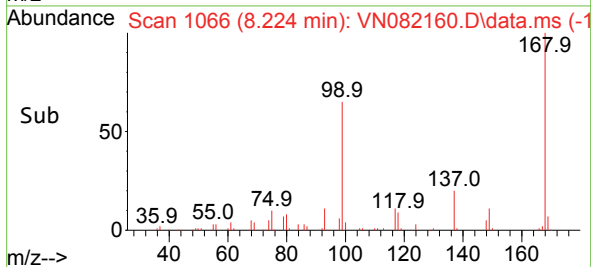
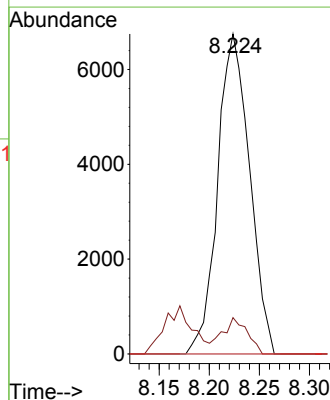
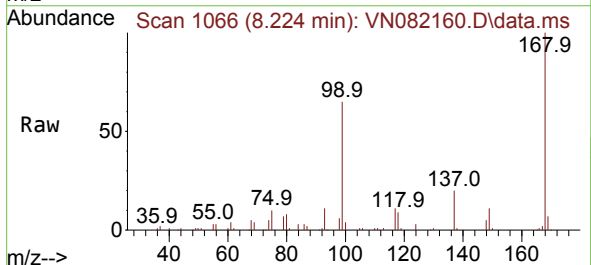
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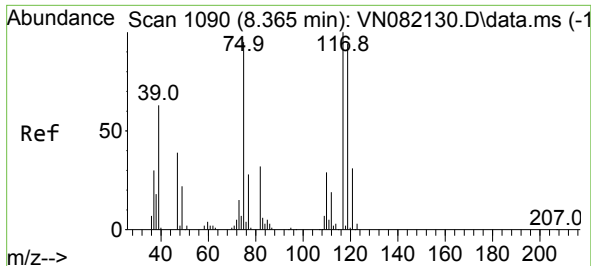
Tgt Ion:113 Resp: 89512
 Ion Ratio Lower Upper
 113 100
 111 103.0 83.4 125.2
 192 17.7 14.0 21.0



#36
 1,1-Dichloropropene
 Concen: 5.229 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.147 min
 Lab File: VN082160.D
 Acq: 16 May 2024 14:31

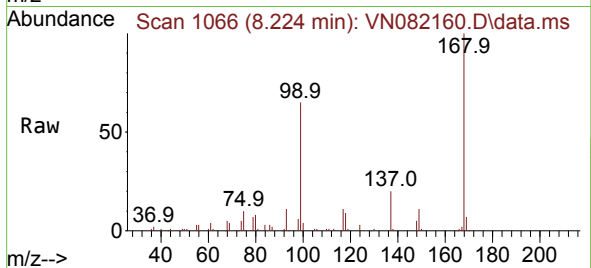
Tgt Ion: 75 Resp: 14925
 Ion Ratio Lower Upper
 75 100
 110 8.8 17.8 53.5#
 77 0.0 25.0 37.4#



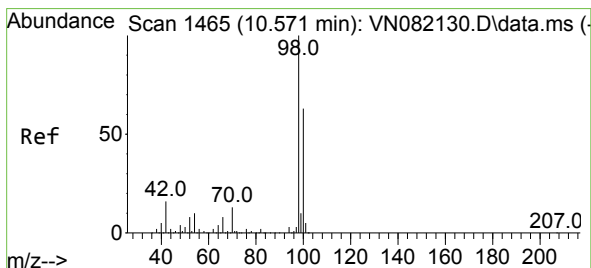
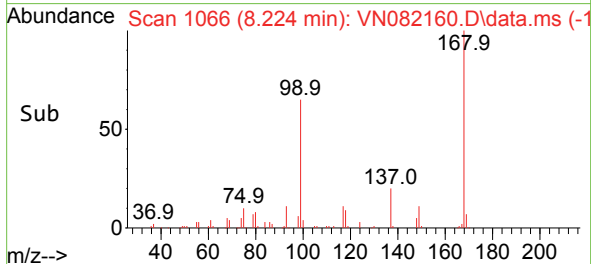
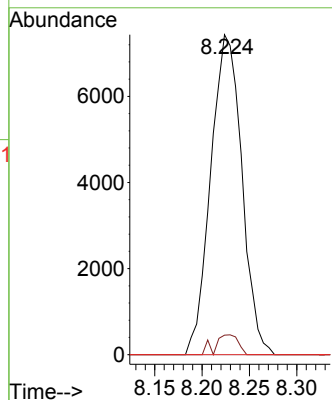


#38
Carbon Tetrachloride
Concen: 5.876 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN082160.D
Acq: 16 May 2024 14:31

Instrument :
MSVOA_N
ClientSampleId :
240508002-05-TRIP-BLANK

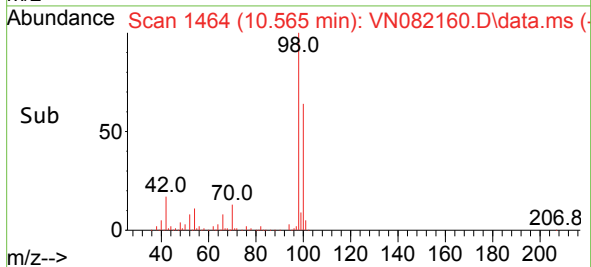
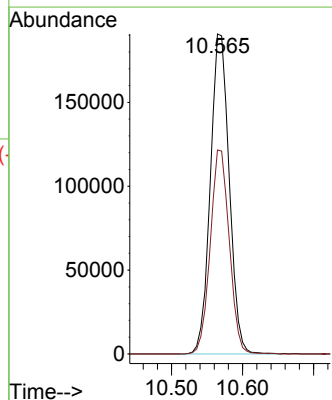
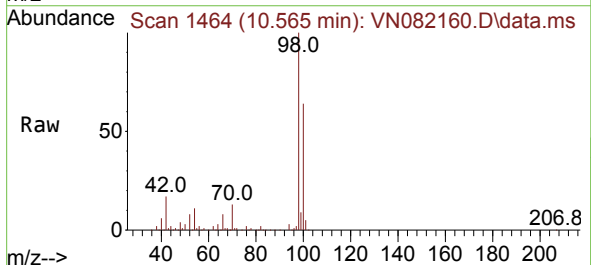


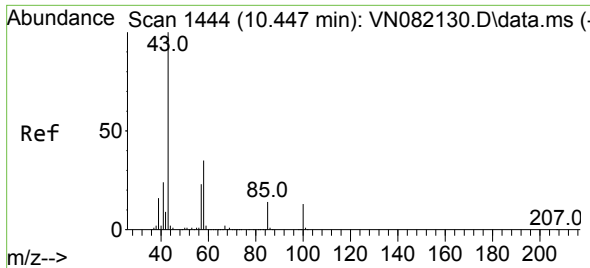
Tgt Ion:117 Resp: 17001
Ion Ratio Lower Upper
117 100
119 6.1 76.5 114.7#
121 0.0 23.9 35.9#



#50
Toluene-d8
Concen: 53.926 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN082160.D
Acq: 16 May 2024 14:31

Tgt Ion: 98 Resp: 351849
Ion Ratio Lower Upper
98 100
100 64.2 51.8 77.6

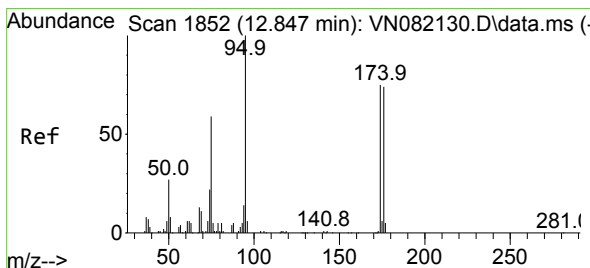
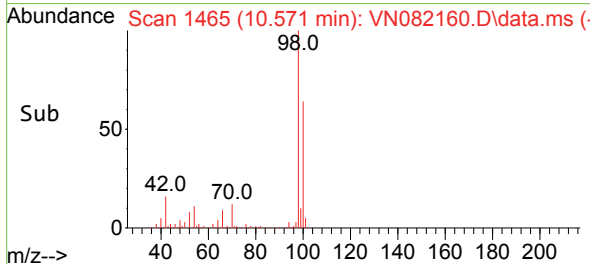
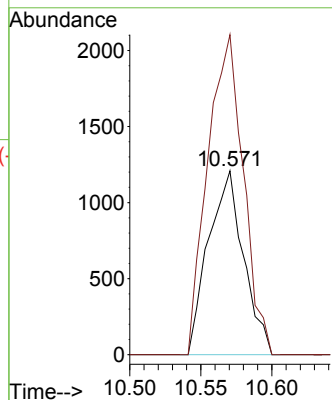
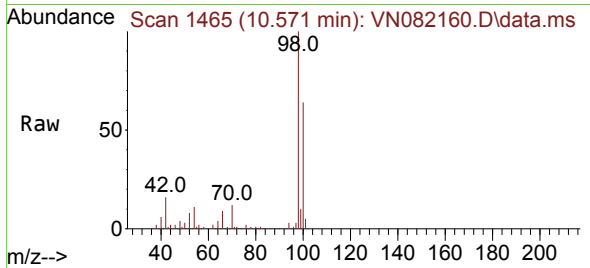




#51
4-Methyl-2-Pentanone
Concen: 0.646 ug/l
RT: 10.571 min Scan# 1444
Delta R.T. 0.123 min
Lab File: VN082160.D
Acq: 16 May 2024 14:31

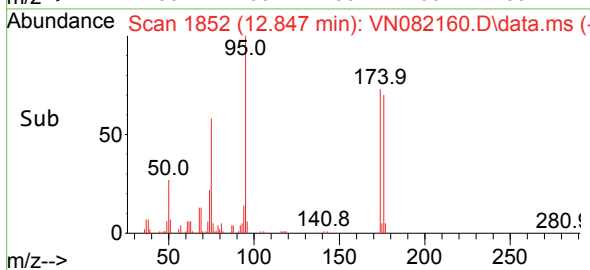
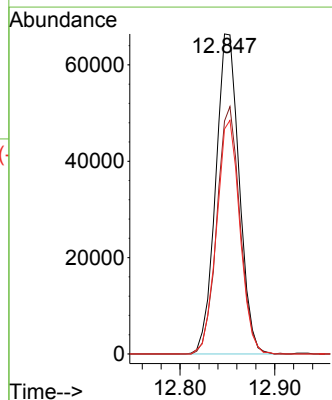
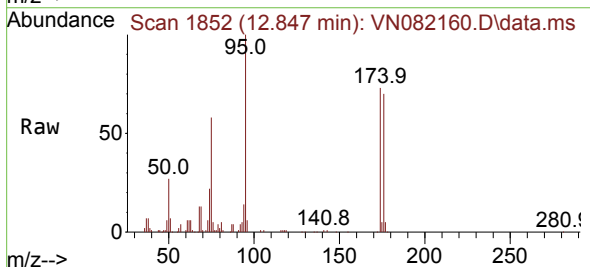
Instrument :
MSVOA_N
ClientSampleId :
240508002-05-TRIP-BLANK

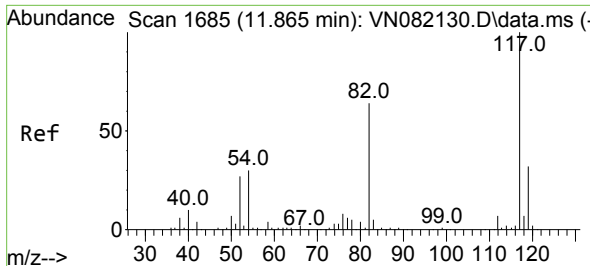
Tgt Ion: 43 Resp: 2076
Ion Ratio Lower Upper
43 100
58 177.0 33.2 49.8#



#62
4-Bromofluorobenzene
Concen: 49.155 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082160.D
Acq: 16 May 2024 14:31

Tgt Ion: 95 Resp: 114473
Ion Ratio Lower Upper
95 100
174 75.8 0.0 160.6
176 72.4 0.0 152.8

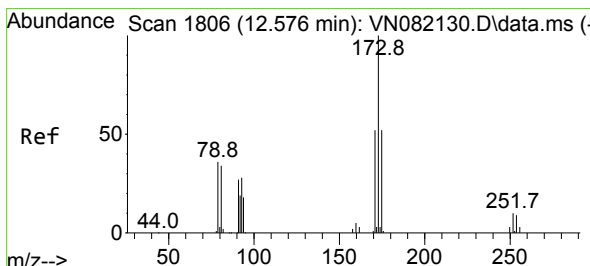
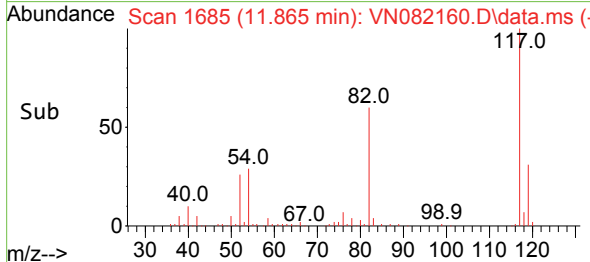
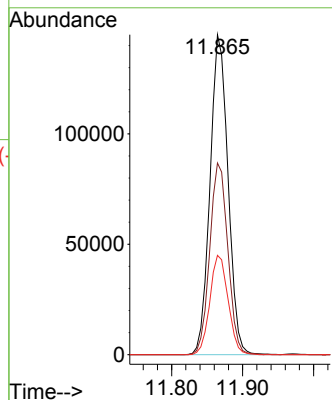
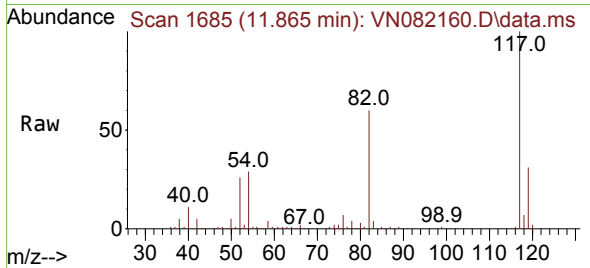




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN082160.D
Acq: 16 May 2024 14:31

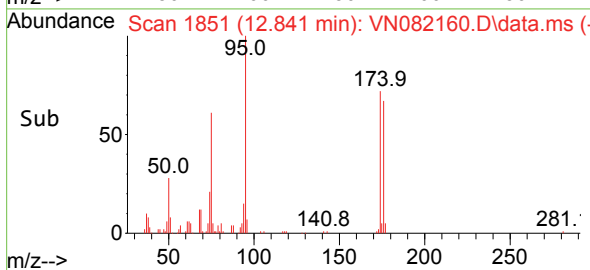
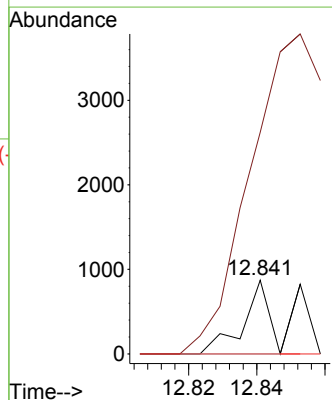
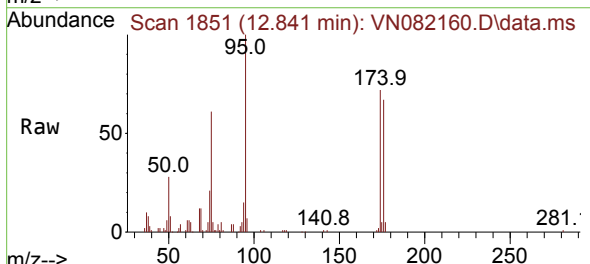
Instrument :
MSVOA_N
ClientSampleId :
240508002-05-TRIP-BLANK

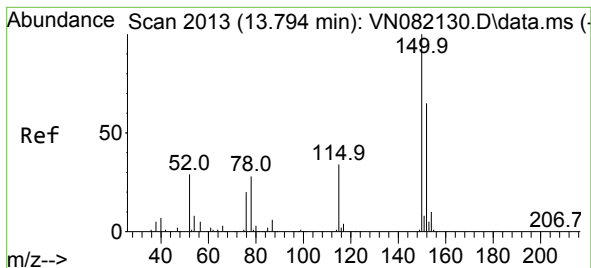
Tgt Ion:117 Resp: 254784
Ion Ratio Lower Upper
117 100
82 59.9 44.6 66.8
119 31.1 25.9 38.9



#71
Bromoform
Concen: 0.342 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.265 min
Lab File: VN082160.D
Acq: 16 May 2024 14:31

Tgt Ion:173 Resp: 455
Ion Ratio Lower Upper
173 100
175 0.0 24.6 74.0#
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: VN082160.D

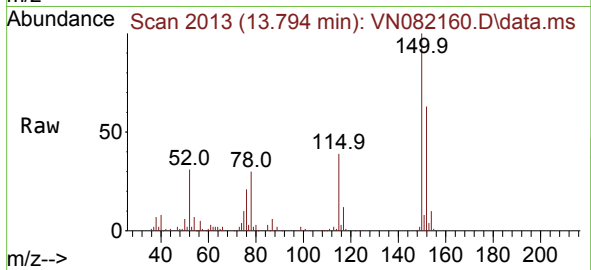
Acq: 16 May 2024 14:31

Instrument :

MSVOA_N

ClientSampleId :

240508002-05-TRIP-BLANK



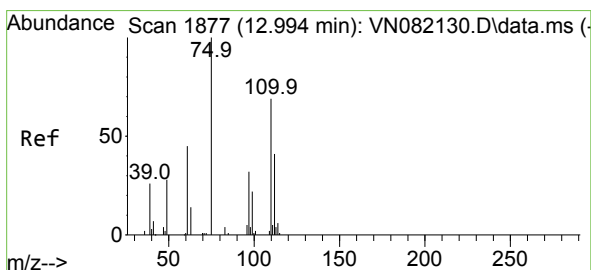
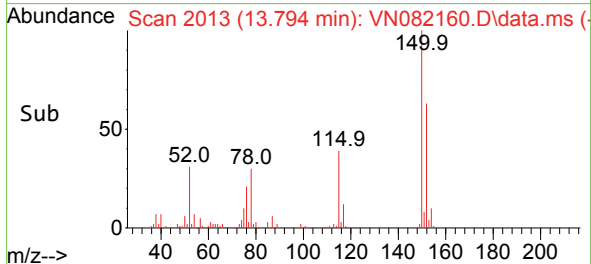
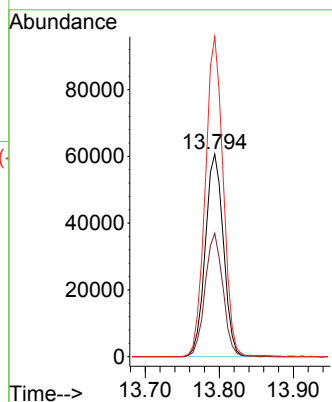
Tgt Ion:152 Resp: 103174

Ion Ratio Lower Upper

152 100

115 59.9 30.4 91.3

150 155.2 0.0 353.2



#76

1,2,3-Trichloropropane

Concen: 31.279 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN082160.D

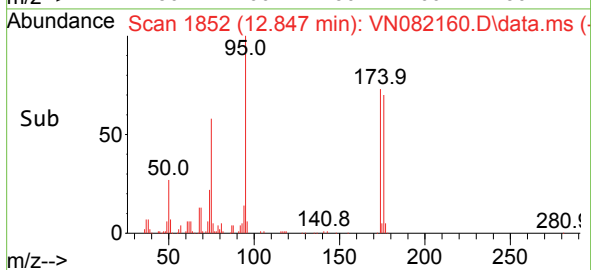
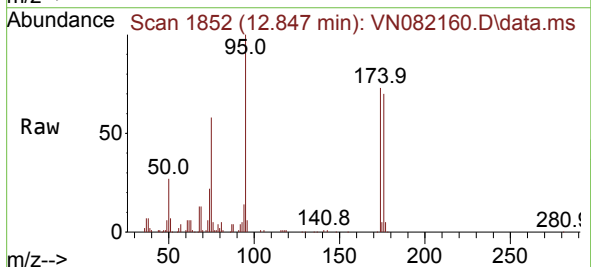
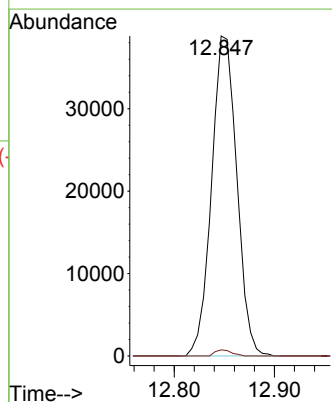
Acq: 16 May 2024 14:31

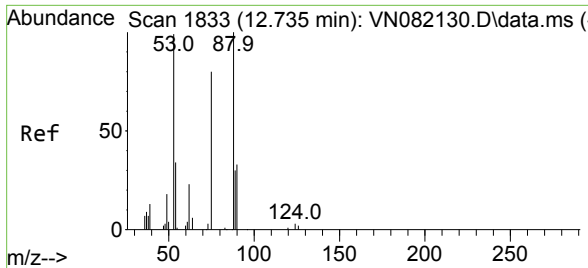
Tgt Ion: 75 Resp: 67924

Ion Ratio Lower Upper

75 100

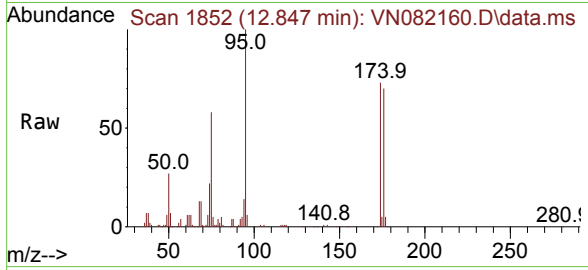
77 1.2 90.5 271.3#





#81
trans-1,4-Dichloro-2-butene
Concen: 73.160 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN082160.D
Acq: 16 May 2024 14:31

Instrument :
MSVOA_N
ClientSampleId :
240508002-05-TRIP-BLANK



Tgt Ion: 75 Resp: 67924
Ion Ratio Lower Upper
75 100
53 0.0 72.9 109.3#
89 0.0 39.1 58.7#

