

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052824\
 Data File : VN082348.D
 Acq On : 28 May 2024 15:42
 Operator : JC\MD
 Sample : P2606-14
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: May 29 06:51:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

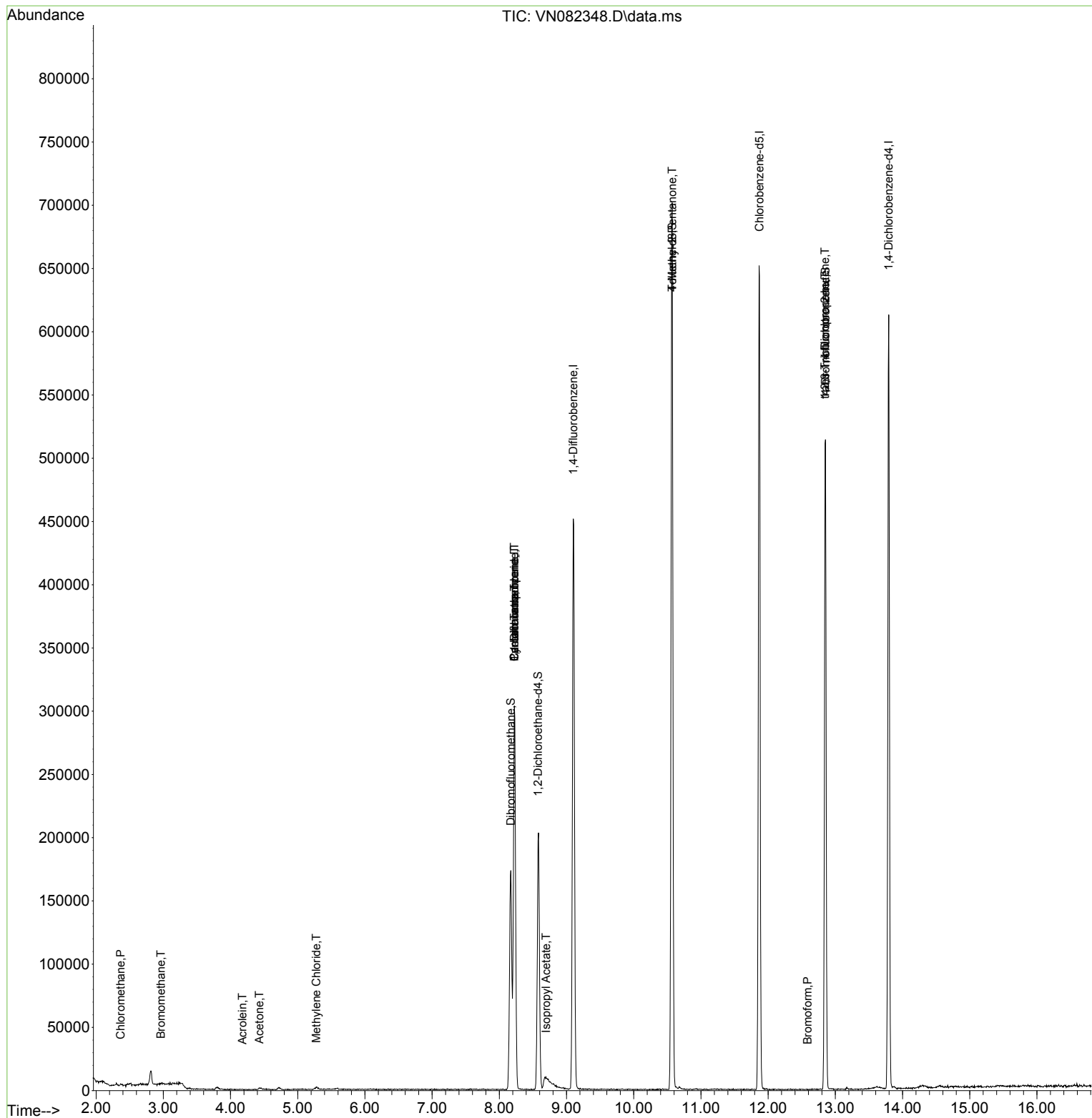
Internal Standards						
1) Pentafluorobenzene	8.224	168	213010	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	371923	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	355183	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	150289	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	165312	49.149	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 98.300%			
35) Dibromofluoromethane	8.171	113	119199	52.100	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.200%			
50) Toluene-d8	10.571	98	462048	52.675	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.360%			
62) 4-Bromofluorobenzene	12.853	95	171273	54.706	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 109.420%			
Target Compounds						Qvalue
3) Chloromethane	2.365	50	975	0.280	ug/l #	86
5) Bromomethane	2.965	94	415	0.221	ug/l	91
13) Acrolein	4.177	56	132	0.330	ug/l #	63
16) Acetone	4.430	43	1335	0.968	ug/l #	73
20) Methylene Chloride	5.277	84	1093	0.393	ug/l #	44
31) Cyclohexane	8.224	56	5948	1.107	ug/l #	31
36) 1,1-Dichloropropene	8.224	75	18992	4.949	ug/l #	49
38) Carbon Tetrachloride	8.224	117	22929	5.895	ug/l #	17
43) Isopropyl Acetate	8.694	43	9368	1.231	ug/l #	52
51) 4-Methyl-2-Pentanone	10.571	43	2906	0.672	ug/l #	1
71) Bromoform	12.588	173	84	0.741	ug/l #	28
76) 1,2,3-Trichloropropane	12.847	75	97803	30.919	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	97803	72.318	ug/l #	12

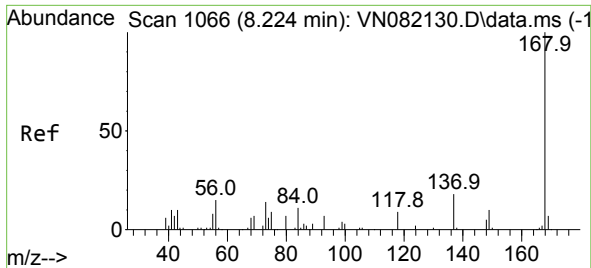
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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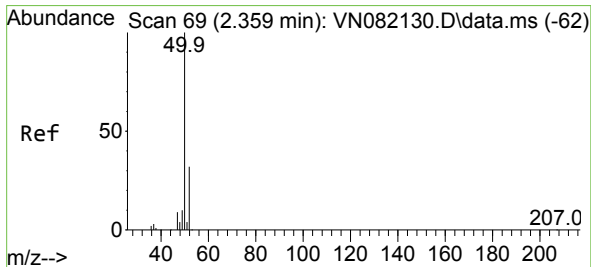
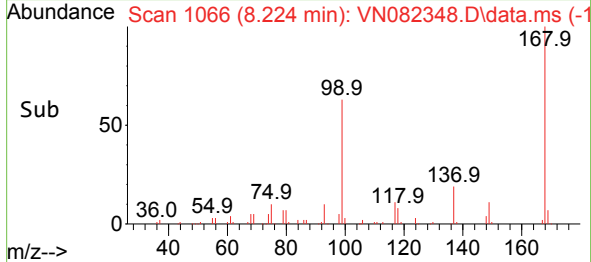
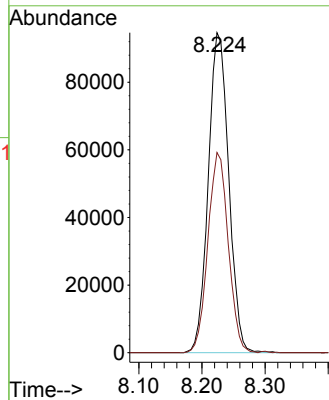
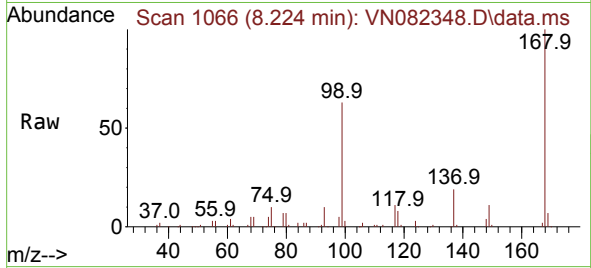




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN082348.D
Acq: 28 May 2024 15:42

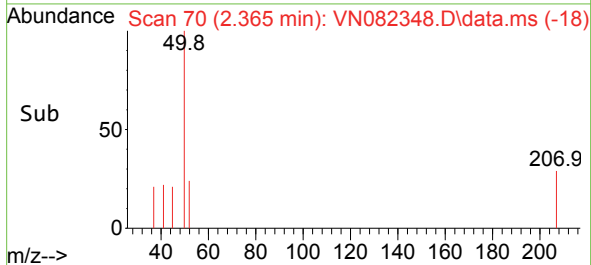
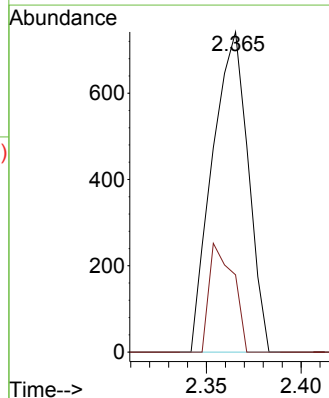
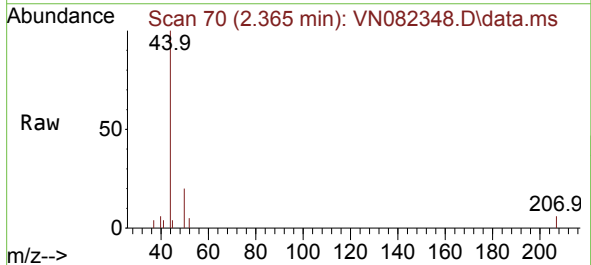
Instrument :
MSVOA_N
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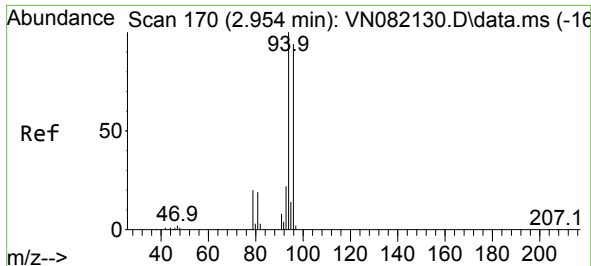
Tgt Ion:168 Resp: 213010
Ion Ratio Lower Upper
168 100
99 62.6 48.2 72.4



#3
Chloromethane
Concen: 0.280 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN082348.D
Acq: 28 May 2024 15:42

Tgt Ion: 50 Resp: 975
Ion Ratio Lower Upper
50 100
52 24.1 25.5 38.3#

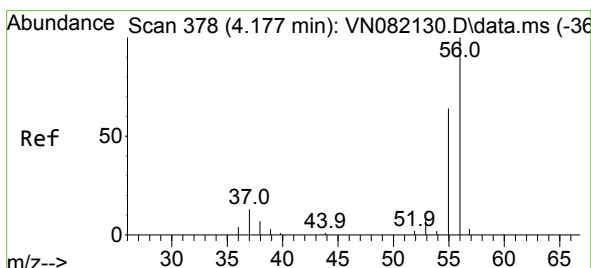
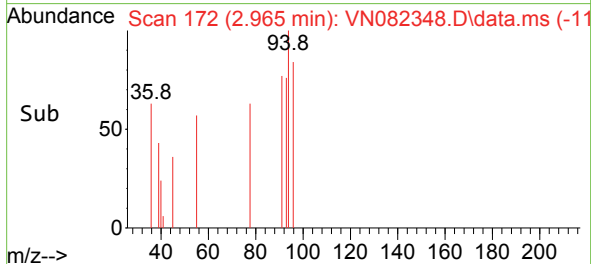
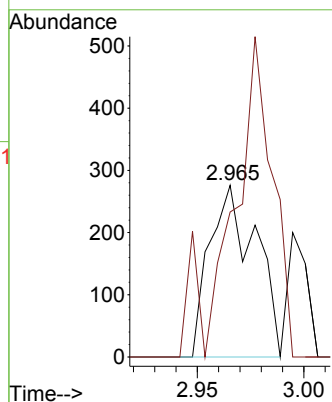
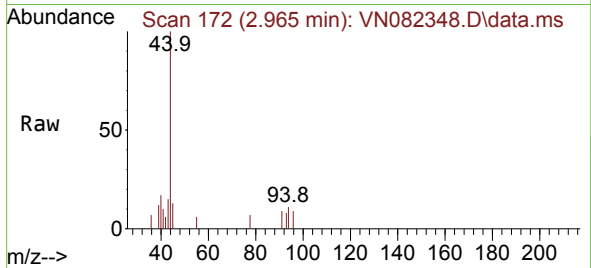




#5
Bromomethane
Concen: 0.221 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN082348.D
Acq: 28 May 2024 15:42

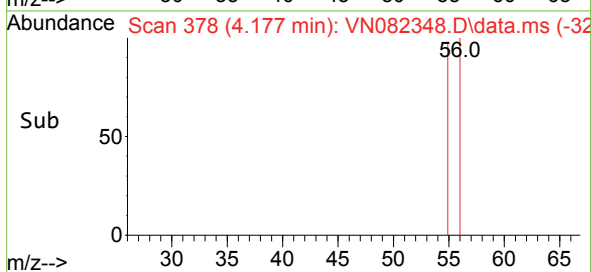
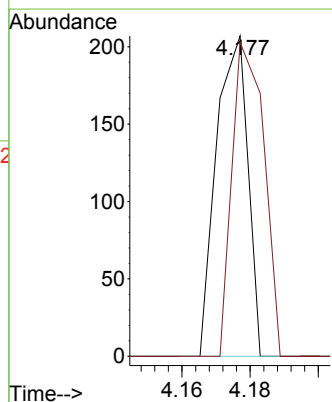
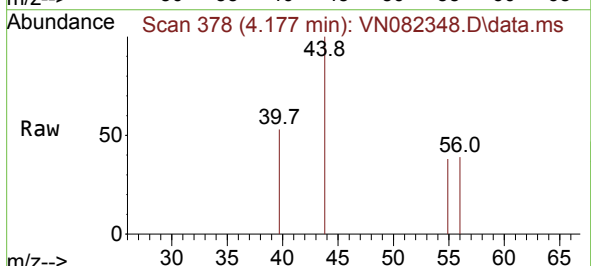
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MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

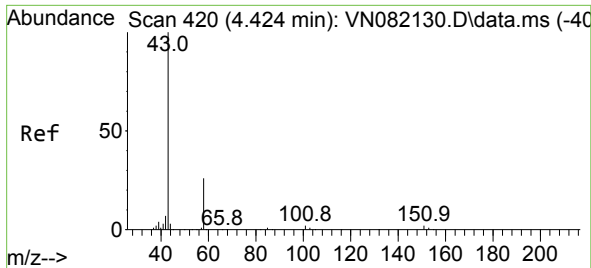
Tgt Ion: 94 Resp: 415
Ion Ratio Lower Upper
94 100
96 84.4 74.8 112.2



#13
Acrolein
Concen: 0.330 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN082348.D
Acq: 28 May 2024 15:42

Tgt Ion: 56 Resp: 132
Ion Ratio Lower Upper
56 100
55 100.0 55.8 83.8#

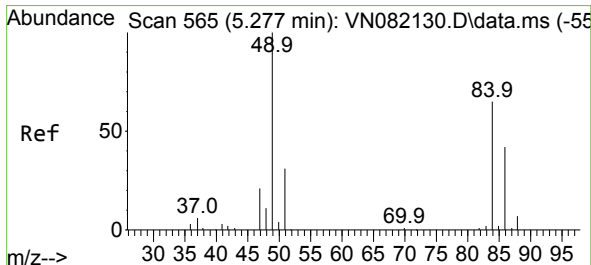
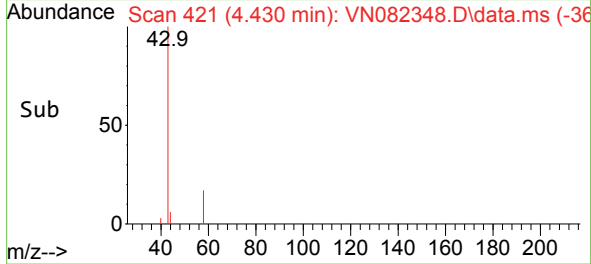
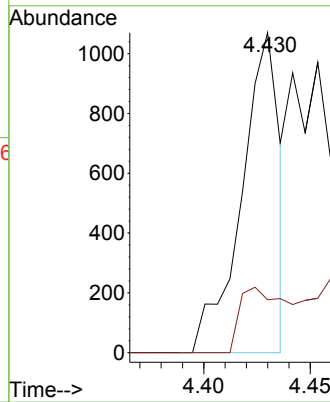
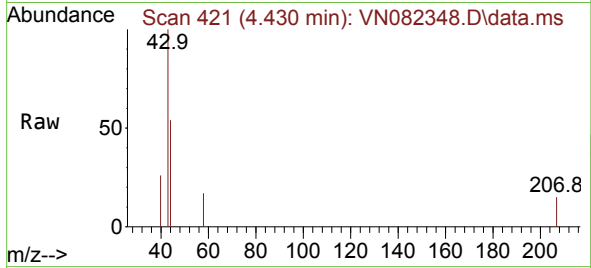




#16
Acetone
Concen: 0.968 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN082348.D
Acq: 28 May 2024 15:42

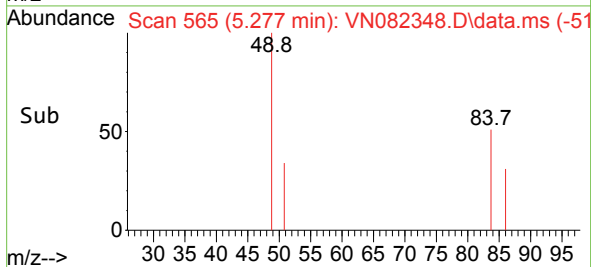
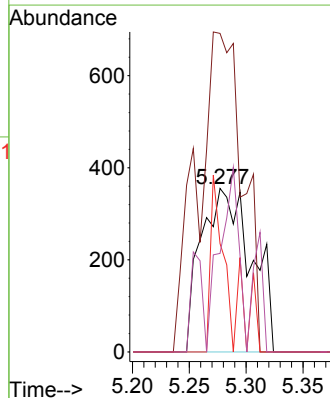
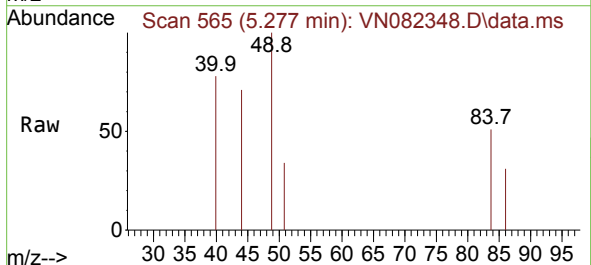
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

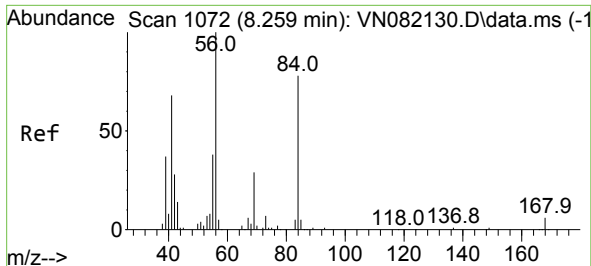
Tgt Ion: 43 Resp: 1335
Ion Ratio Lower Upper
43 100
58 16.5 25.2 37.8#



#20
Methylene Chloride
Concen: 0.393 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN082348.D
Acq: 28 May 2024 15:42

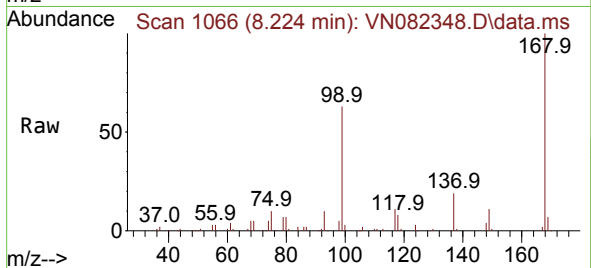
Tgt Ion: 84 Resp: 1093
Ion Ratio Lower Upper
84 100
49 194.9 84.9 127.3#
51 66.2 27.0 40.6#
86 60.3 52.3 78.5



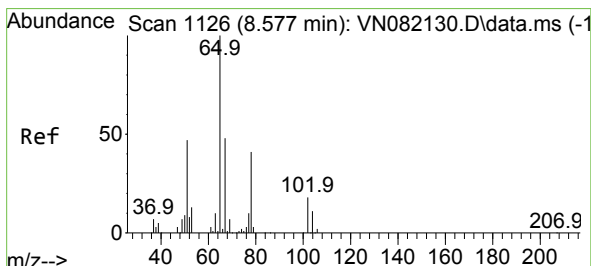
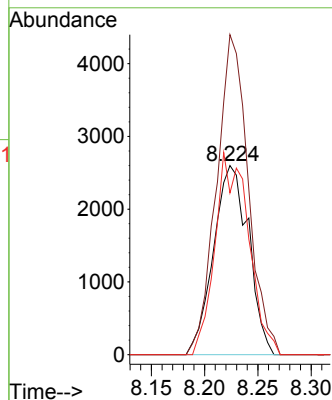
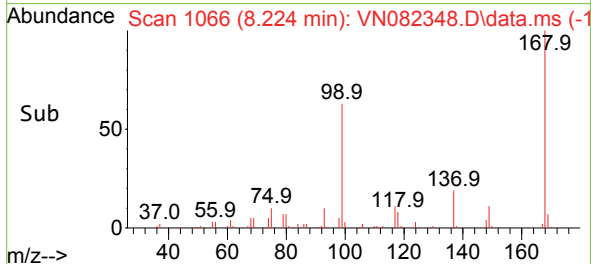


#31
Cyclohexane
Concen: 1.107 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082348.D
Acq: 28 May 2024 15:42

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

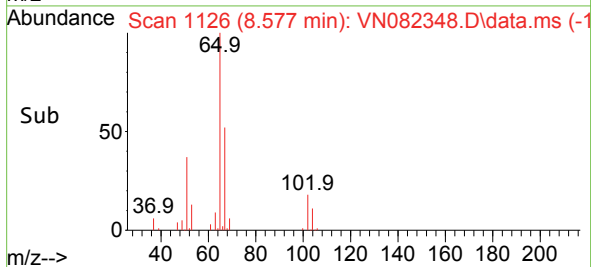
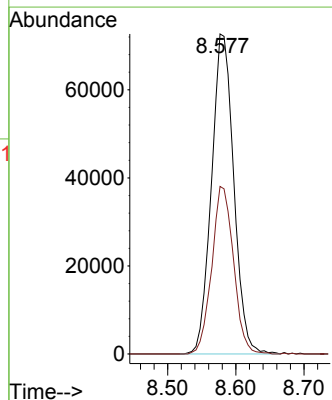
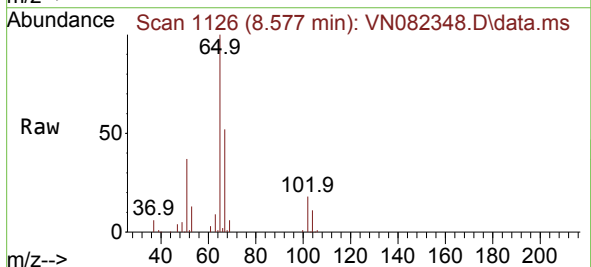


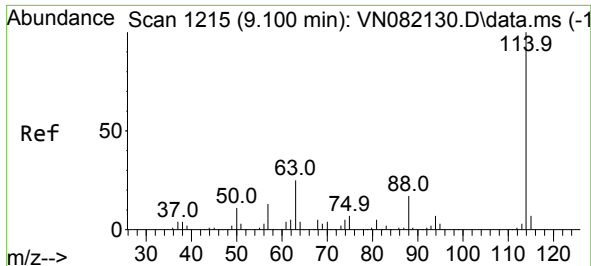
Tgt Ion: 56 Resp: 5948
Ion Ratio Lower Upper
56 100
69 169.2 24.4 36.6#
84 85.5 77.0 115.4



#33
1,2-Dichloroethane-d4
Concen: 49.149 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN082348.D
Acq: 28 May 2024 15:42

Tgt Ion: 65 Resp: 165312
Ion Ratio Lower Upper
65 100
67 51.0 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN082348.D

Acq: 28 May 2024 15:42

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG

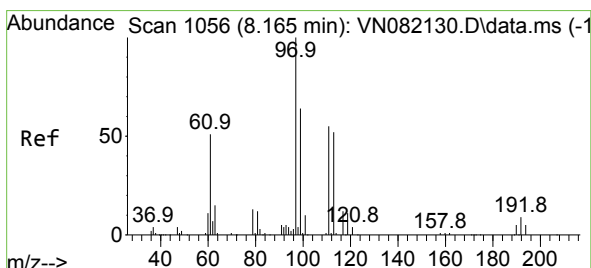
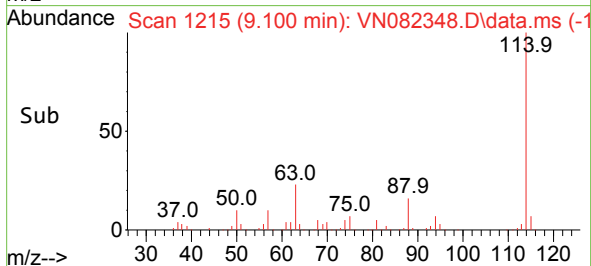
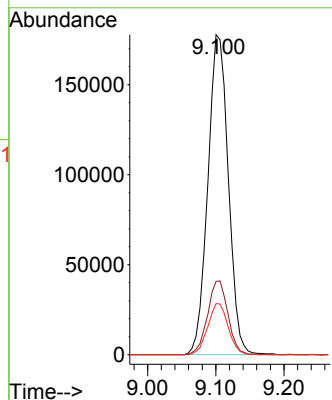
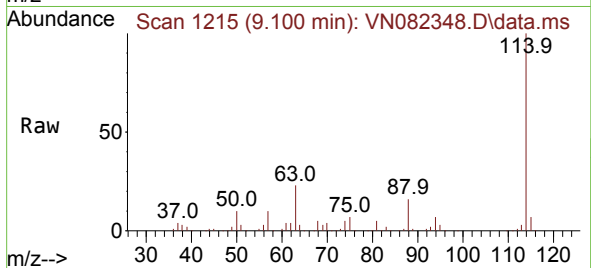
Tgt Ion:114 Resp: 371923

Ion Ratio Lower Upper

114 100

63 22.9 0.0 41.0

88 16.0 0.0 31.4



#35

Dibromofluoromethane

Concen: 52.100 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082348.D

Acq: 28 May 2024 15:42

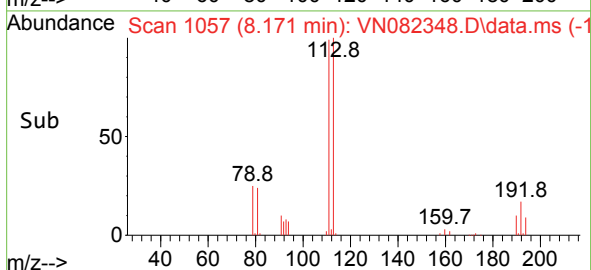
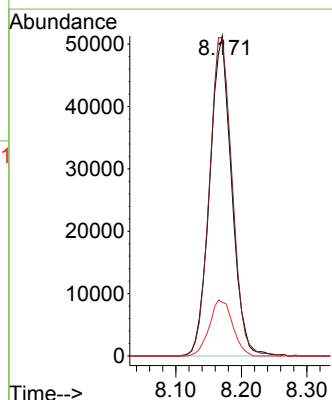
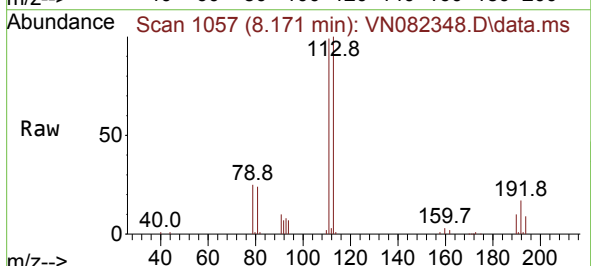
Tgt Ion:113 Resp: 119199

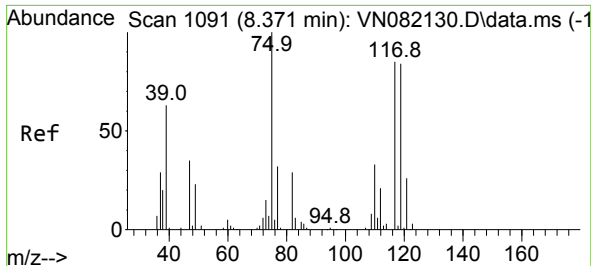
Ion Ratio Lower Upper

113 100

111 103.2 83.4 125.2

192 18.5 14.0 21.0





#36

1,1-Dichloropropene

Concen: 4.949 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN082348.D

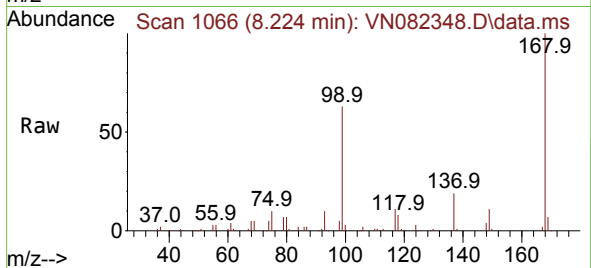
Acq: 28 May 2024 15:42

Instrument :

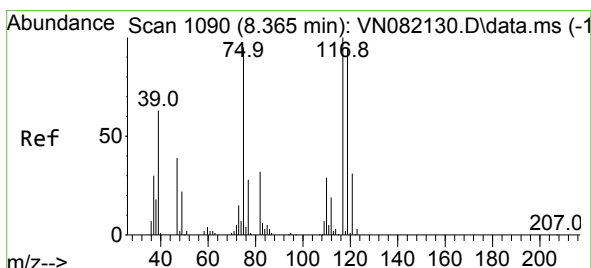
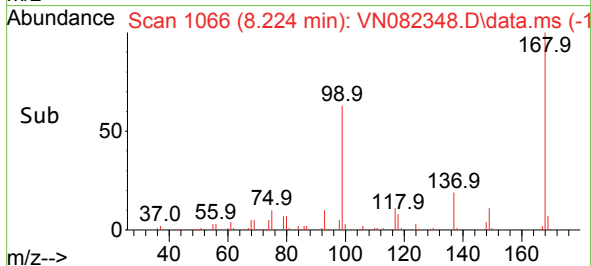
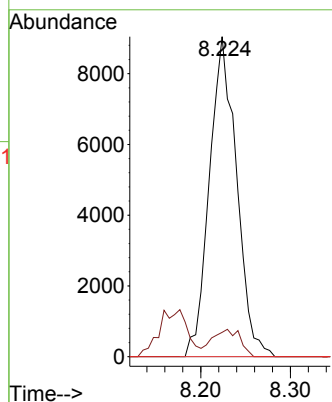
MSVOA_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG



Tgt Ion:	75	Resp:	18992
Ion	Ratio	Lower	Upper
75	100		
110	8.8	17.8	53.5#
77	0.0	25.0	37.4#



#38

Carbon Tetrachloride

Concen: 5.895 ug/l

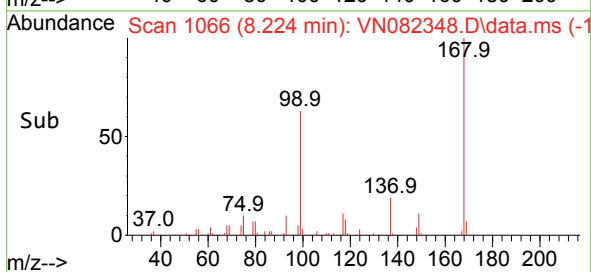
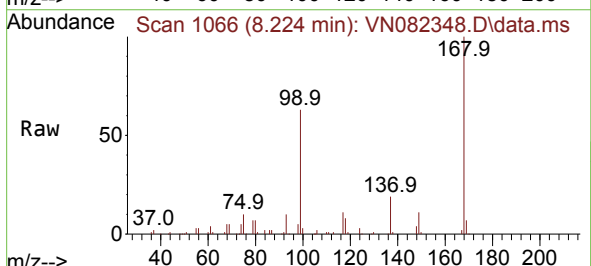
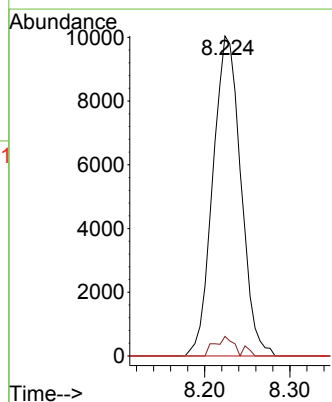
RT: 8.224 min Scan# 1066

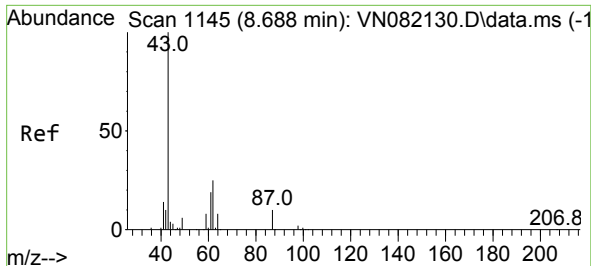
Delta R.T. -0.141 min

Lab File: VN082348.D

Acq: 28 May 2024 15:42

Tgt Ion:	117	Resp:	22929
Ion	Ratio	Lower	Upper
117	100		
119	6.1	76.5	114.7#
121	0.0	23.9	35.9#

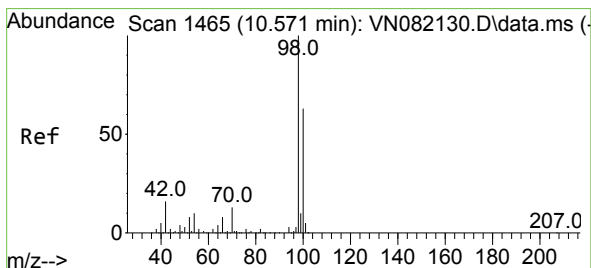
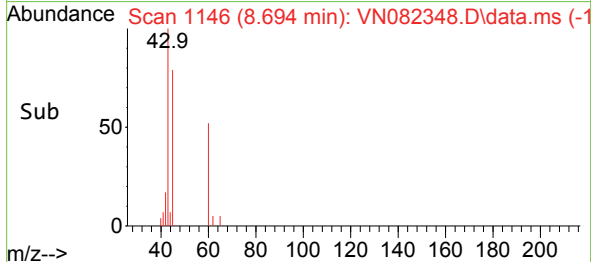
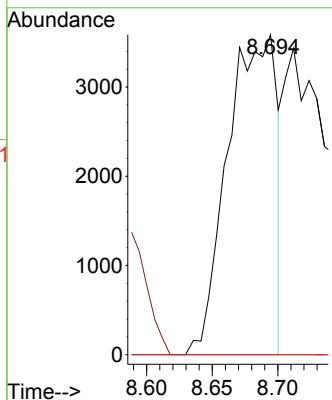
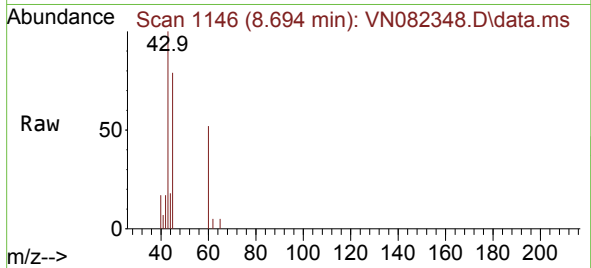




#43
Isopropyl Acetate
Concen: 1.231 ug/l
RT: 8.694 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN082348.D
Acq: 28 May 2024 15:42

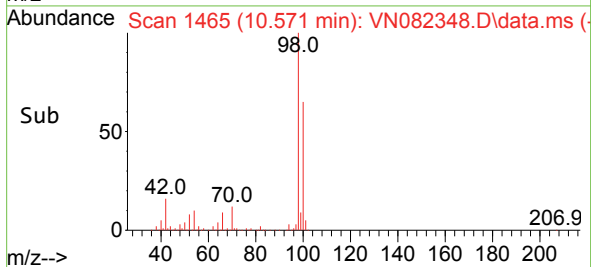
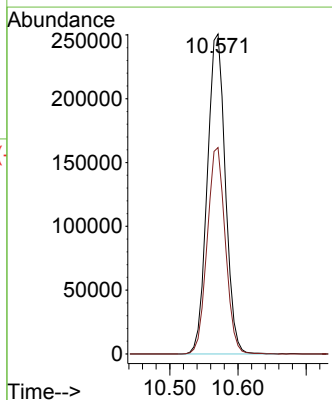
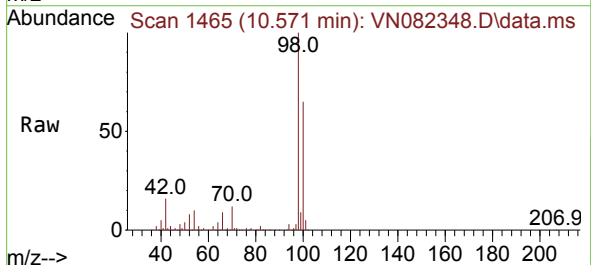
Instrument :
MSVOA_N
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STORAGE-BLANK-SAMPLE-MANAG

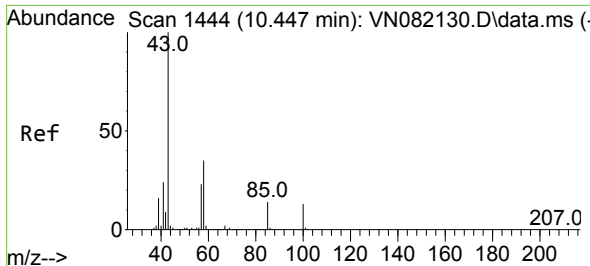
Tgt Ion: 43 Resp: 9368
Ion Ratio Lower Upper
43 100
61 0.0 22.8 34.2#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 52.675 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082348.D
Acq: 28 May 2024 15:42

Tgt Ion: 98 Resp: 462048
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.6

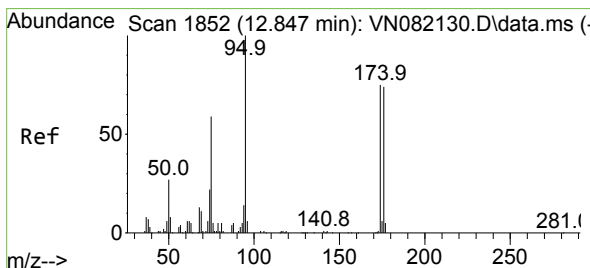
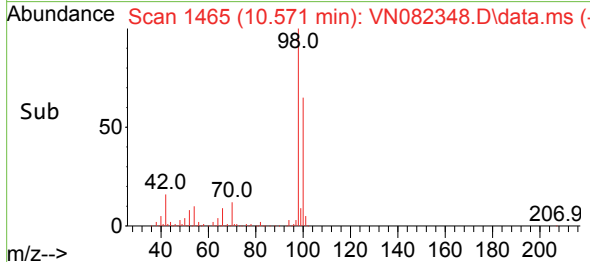
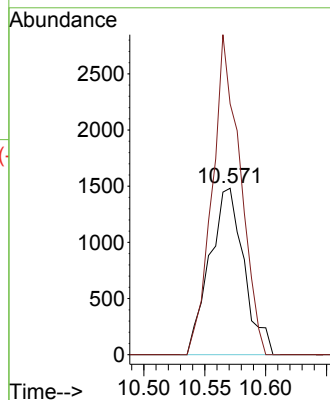
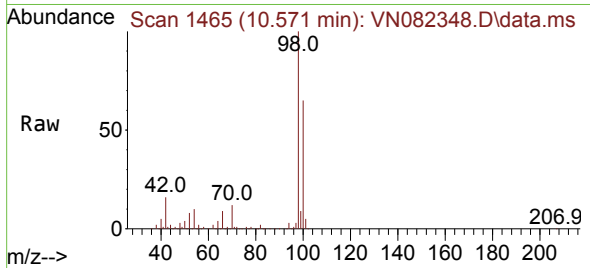




#51
4-Methyl-2-Pentanone
Concen: 0.672 ug/l
RT: 10.571 min Scan# 1444
Delta R.T. 0.124 min
Lab File: VN082348.D
Acq: 28 May 2024 15:42

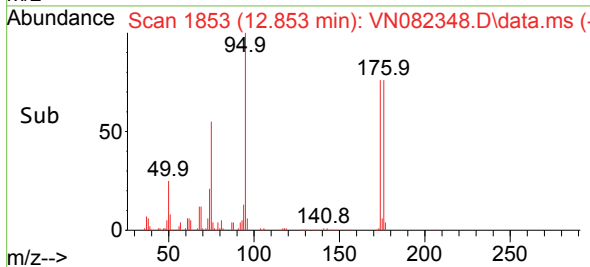
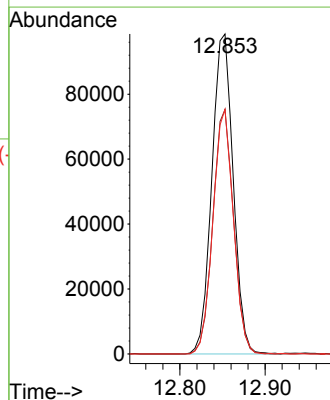
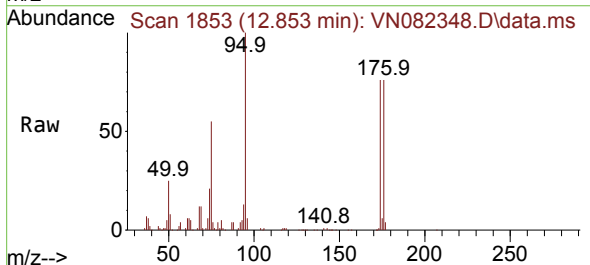
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

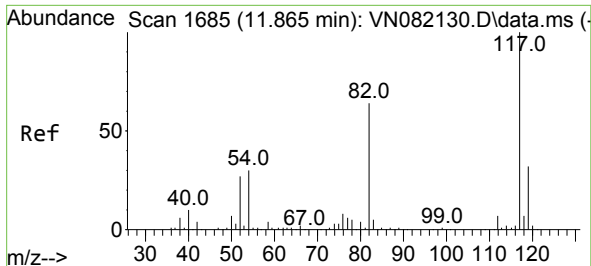
Tgt Ion: 43 Resp: 2906
Ion Ratio Lower Upper
43 100
58 156.6 33.2 49.8#



#62
4-Bromofluorobenzene
Concen: 54.706 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082348.D
Acq: 28 May 2024 15:42

Tgt Ion: 95 Resp: 171273
Ion Ratio Lower Upper
95 100
174 74.1 0.0 160.6
176 73.4 0.0 152.8

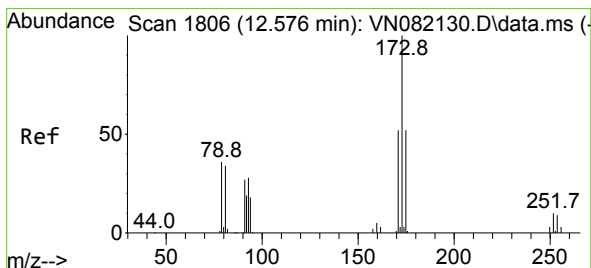
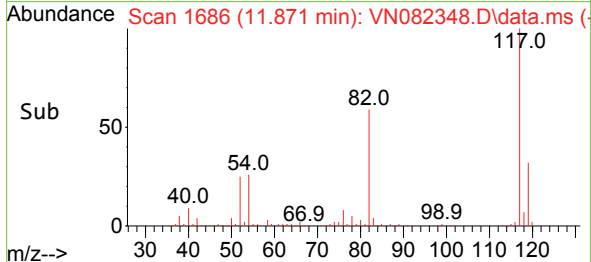
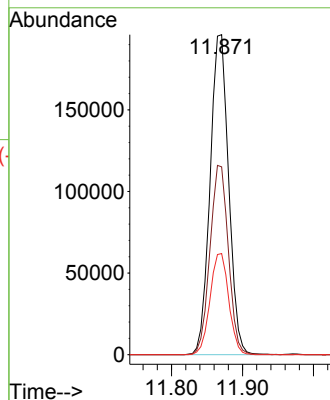
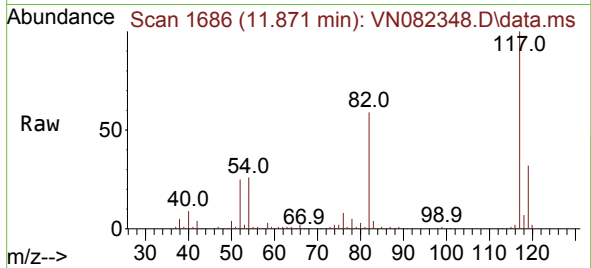




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082348.D
Acq: 28 May 2024 15:42

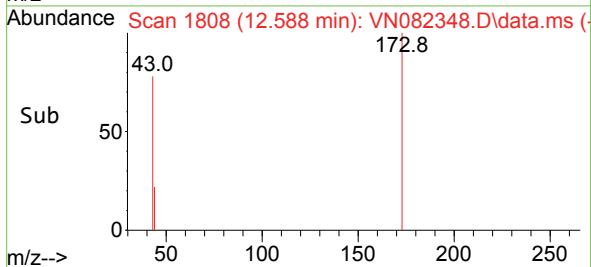
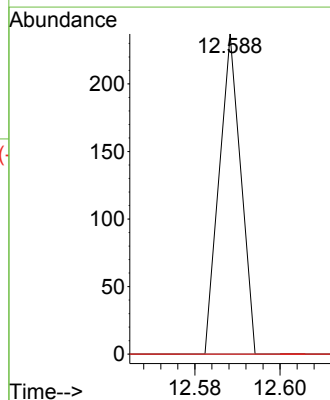
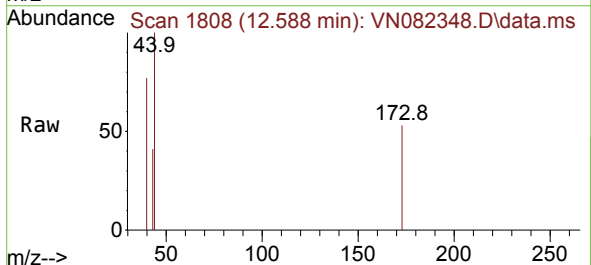
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

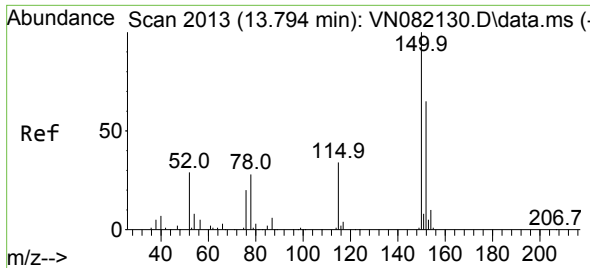
Tgt Ion:117 Resp: 355183
Ion Ratio Lower Upper
117 100
82 58.7 44.6 66.8
119 31.6 25.9 38.9



#71
Bromoform
Concen: 0.741 ug/l
RT: 12.588 min Scan# 1808
Delta R.T. 0.012 min
Lab File: VN082348.D
Acq: 28 May 2024 15:42

Tgt Ion:173 Resp: 84
Ion Ratio Lower Upper
173 100
175 0.0 24.6 74.0#
254 0.0 0.0 0.0

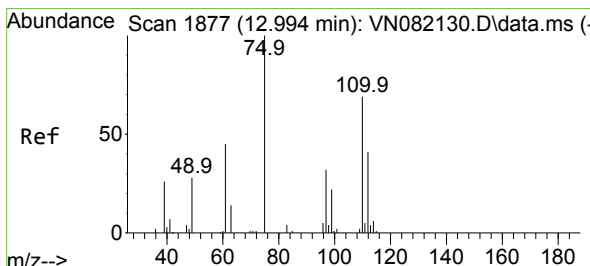
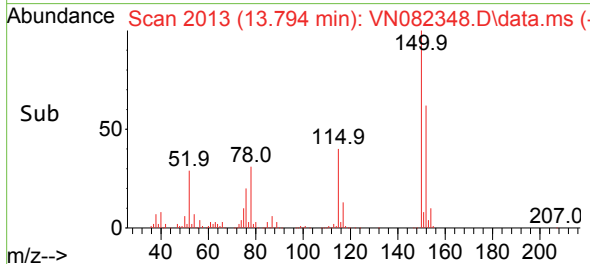
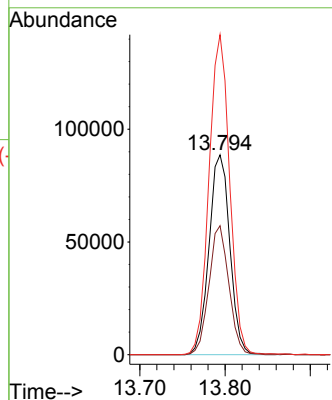
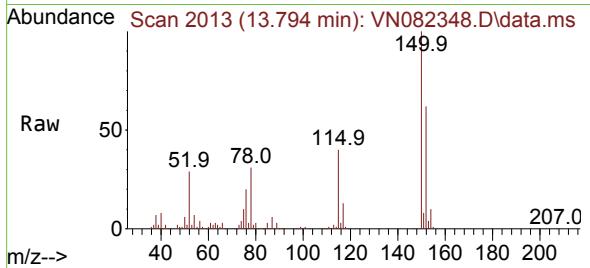




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: VN082348.D
 Acq: 28 May 2024 15:42

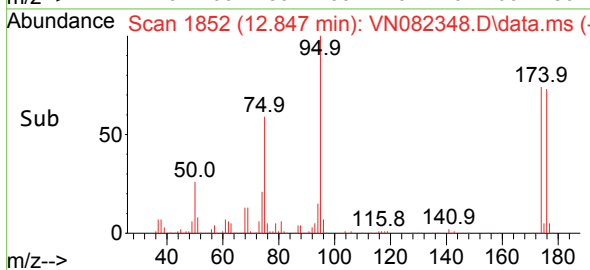
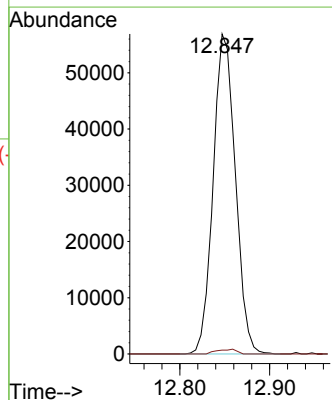
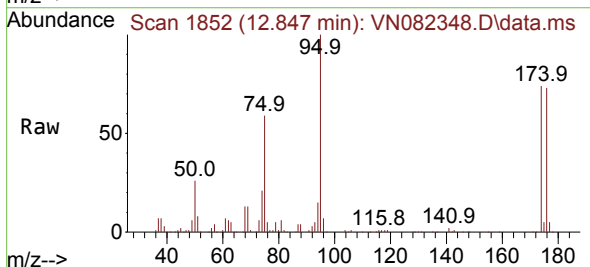
Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

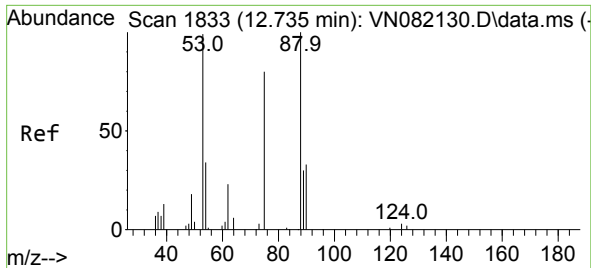
Tgt Ion:152 Resp: 150289
 Ion Ratio Lower Upper
 152 100
 115 61.7 30.4 91.3
 150 158.5 0.0 353.2



#76
 1,2,3-Trichloropropane
 Concen: 30.919 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN082348.D
 Acq: 28 May 2024 15:42

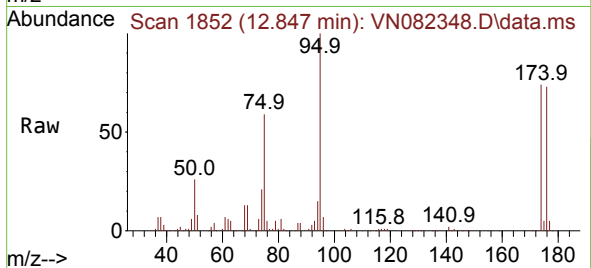
Tgt Ion: 75 Resp: 97803
 Ion Ratio Lower Upper
 75 100
 77 1.3 90.5 271.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.318 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN082348.D
 Acq: 28 May 2024 15:42

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



Tgt Ion: 75 Resp: 97803
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.9 109.3#
 89 0.0 39.1 58.7#

