

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071624\
 Data File : VN082942.D
 Acq On : 16 Jul 2024 18:00
 Operator : JC\MD
 Sample : P3246-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-CTW2-BL-02

Quant Time: Jul 17 00:59:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

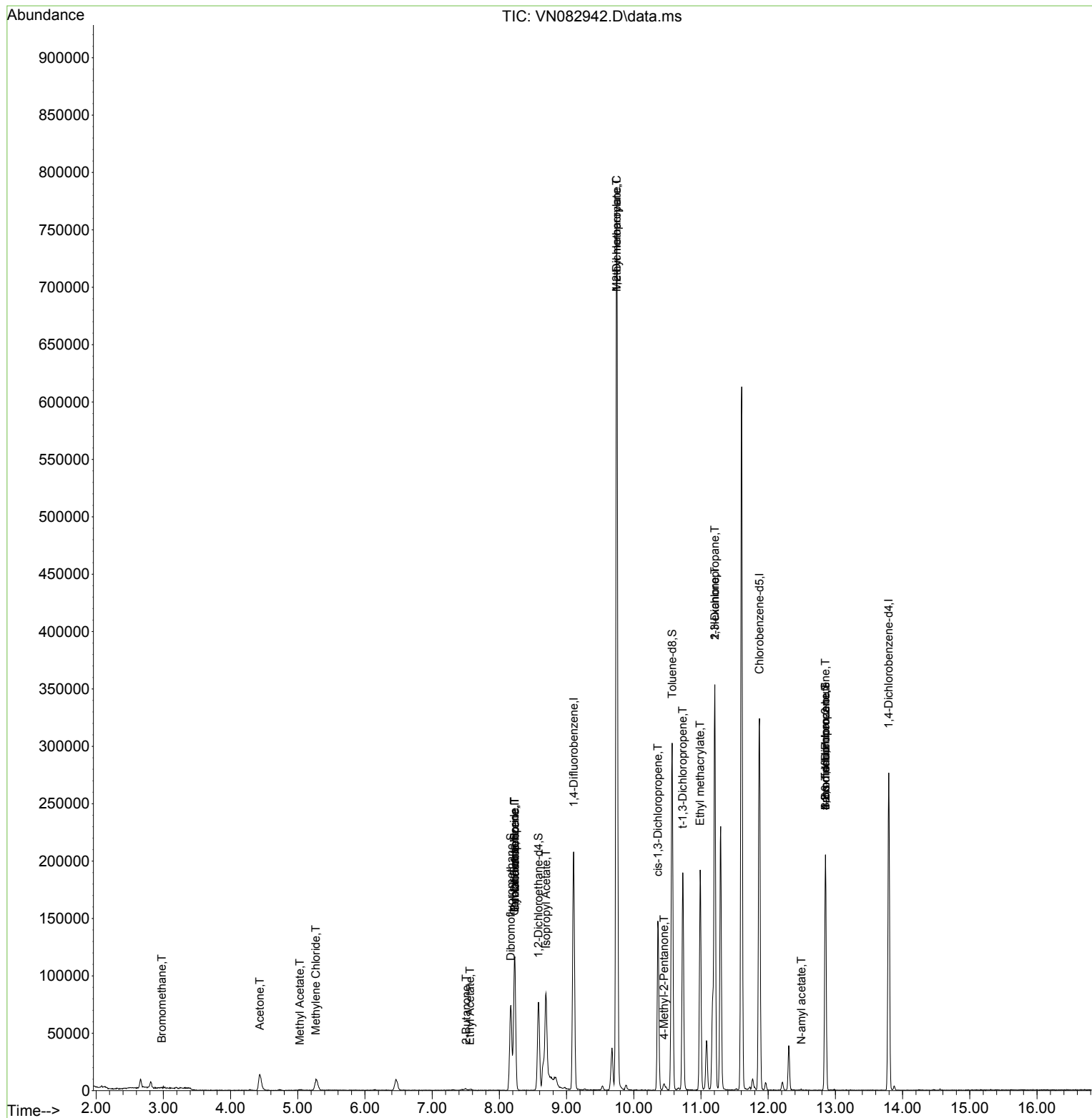
Internal Standards						
1) Pentafluorobenzene	8.230	168	80218	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	171854	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	184967	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	72395	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	63120	56.132	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.260%			
35) Dibromofluoromethane	8.171	113	52004	47.159	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.320%			
50) Toluene-d8	10.571	98	203593	49.987	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.980%			
62) 4-Bromofluorobenzene	12.853	95	65734	44.930	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 89.860%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.977	94	297	0.398	ug/l	81
16) Acetone	4.436	43	27099	68.448	ug/l	98
18) Methyl Acetate	5.030	43	1149	1.097	ug/l #	56
20) Methylene Chloride	5.271	84	7624	7.974	ug/l #	80
25) 2-Butanone	7.506	43	2861	4.786	ug/l	93
31) Cyclohexane	8.230	56	2193	1.492	ug/l #	24
36) 1,1-Dichloropropene	8.230	75	7664	5.041	ug/l #	49
37) Ethyl Acetate	7.565	43	1894	1.224	ug/l #	77
38) Carbon Tetrachloride	8.224	117	9136	4.991	ug/l #	17
43) Isopropyl Acetate	8.694	43	116416	39.248	ug/l #	85
45) 1,2-Dichloropropane	9.747	63	746	0.683	ug/l #	44
48) Methyl methacrylate	9.747	41	72657	59.863	ug/l #	52
51) 4-Methyl-2-Pentanone	10.453	43	6474	4.219	ug/l #	74
53) t-1,3-Dichloropropene	10.729	75	398	0.220	ug/l #	54
54) cis-1,3-Dichloropropene	10.359	75	24270	12.664	ug/l #	66
56) Ethyl methacrylate	10.988	69	1054	0.631	ug/l #	1
57) 1,3-Dichloropropane	11.206	76	3630	1.909	ug/l #	43
59) 2-Hexanone	11.206	43	49314	43.223	ug/l #	56
71) Bromoform	12.853	173	485	0.437	ug/l #	1
74) N-amyl acetate	12.494	43	565	0.260	ug/l #	46
76) 1,2,3-Trichloropropane	12.853	75	36840	29.516	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	36840	58.050	ug/l #	6

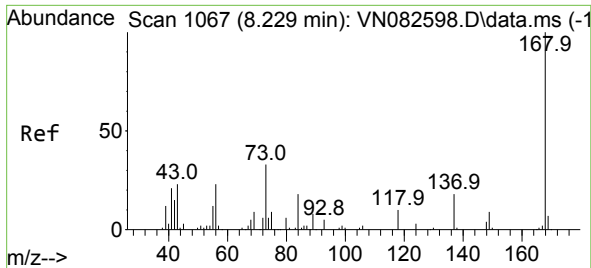
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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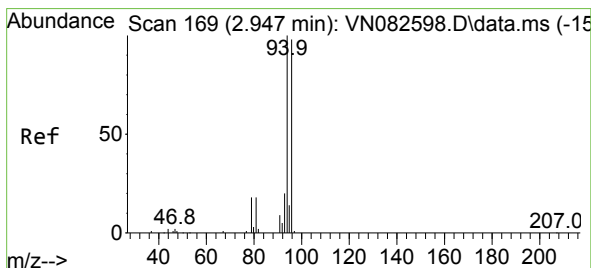
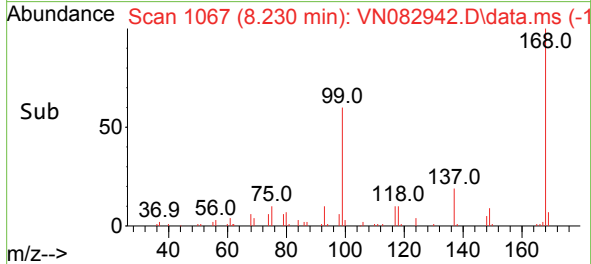
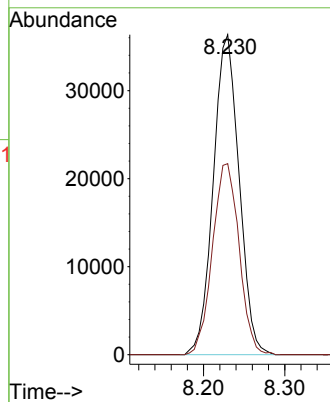
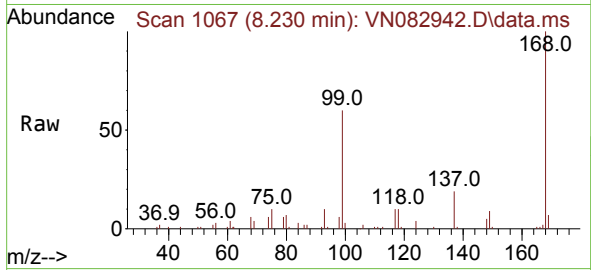




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082942.D
Acq: 16 Jul 2024 18:00

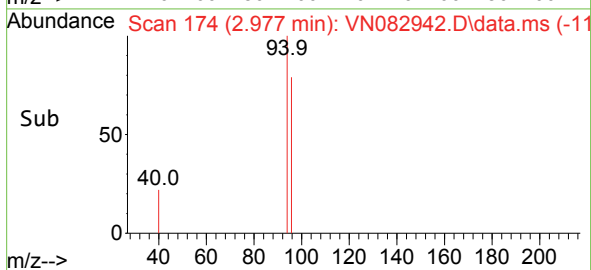
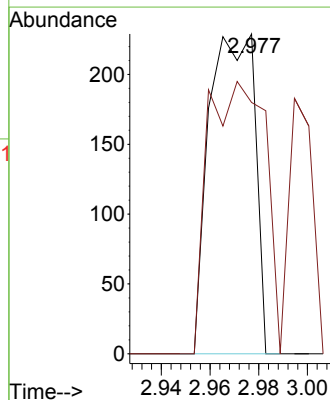
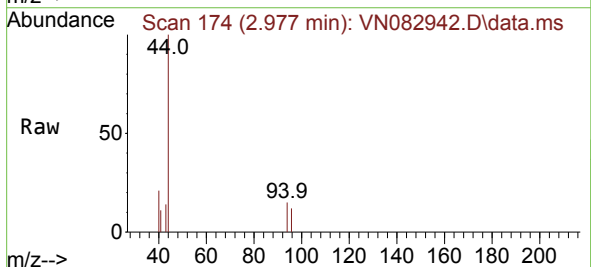
Instrument :
MSVOA_N
ClientSampleId :
WC-CTW2-BL-02

Tgt Ion:168 Resp: 80218
Ion Ratio Lower Upper
168 100
99 59.7 48.2 72.4



#5
Bromomethane
Concen: 0.398 ug/l
RT: 2.977 min Scan# 174
Delta R.T. 0.030 min
Lab File: VN082942.D
Acq: 16 Jul 2024 18:00

Tgt Ion: 94 Resp: 297
Ion Ratio Lower Upper
94 100
96 78.6 78.0 117.0

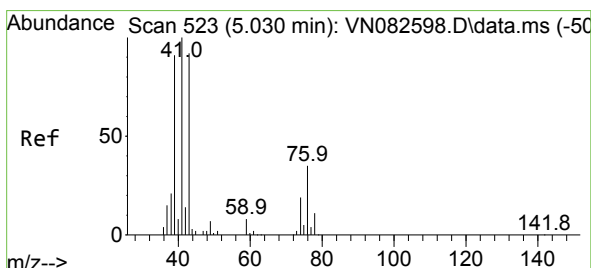
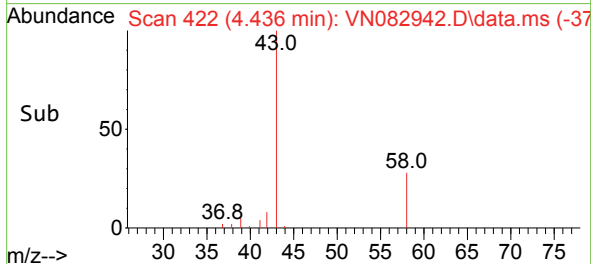
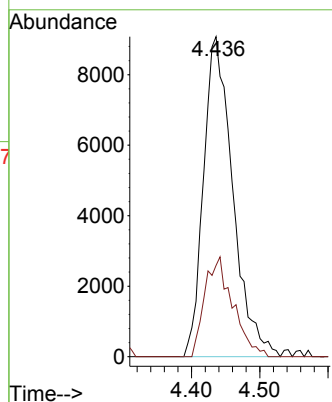
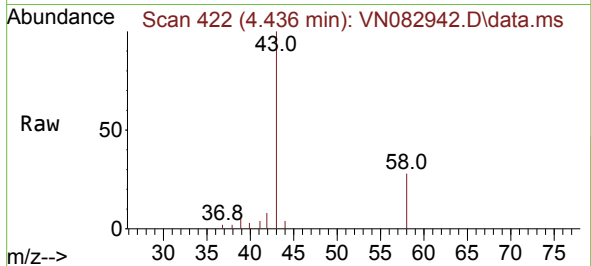




#16
Acetone
Concen: 68.448 ug/l
RT: 4.436 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN082942.D
Acq: 16 Jul 2024 18:00

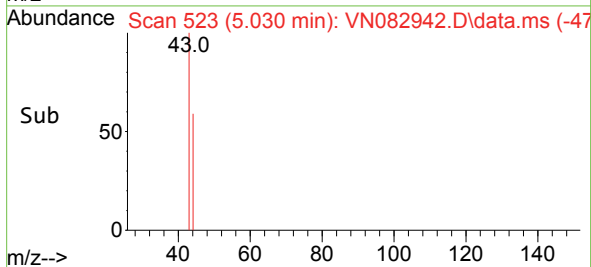
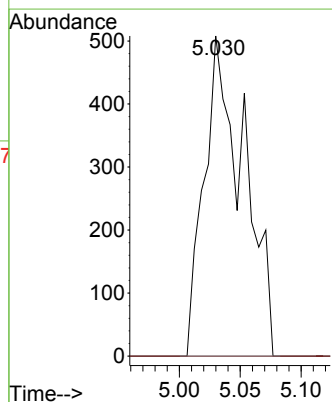
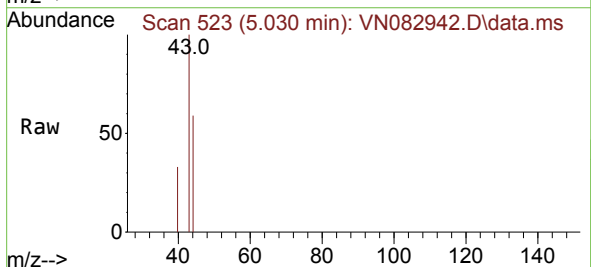
Instrument :
MSVOA_N
ClientSampleId :
WC-CTW2-BL-02

Tgt Ion: 43 Resp: 27099
Ion Ratio Lower Upper
43 100
58 28.5 21.8 32.6



#18
Methyl Acetate
Concen: 1.097 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.000 min
Lab File: VN082942.D
Acq: 16 Jul 2024 18:00

Tgt Ion: 43 Resp: 1149
Ion Ratio Lower Upper
43 100
74 0.0 16.3 24.5#

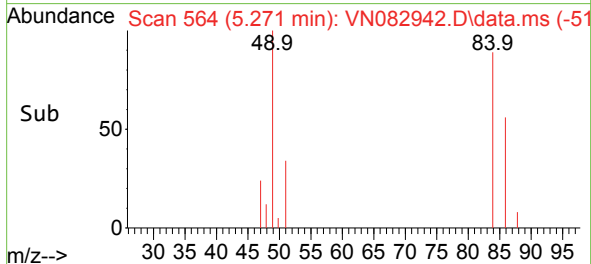
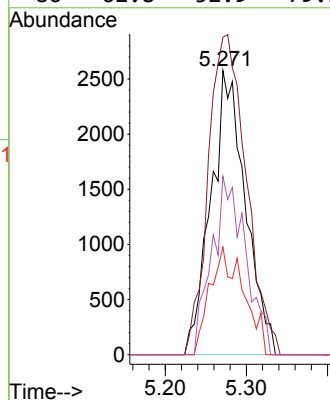
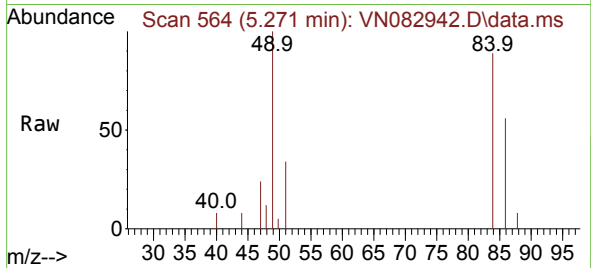




#20
Methylene Chloride
Concen: 7.974 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN082942.D
Acq: 16 Jul 2024 18:00

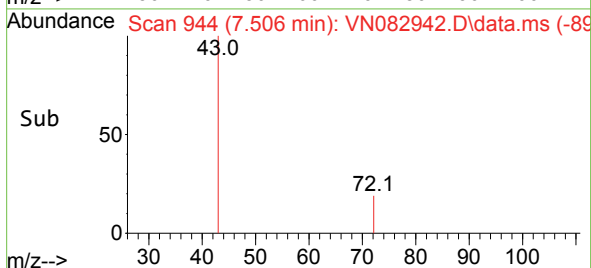
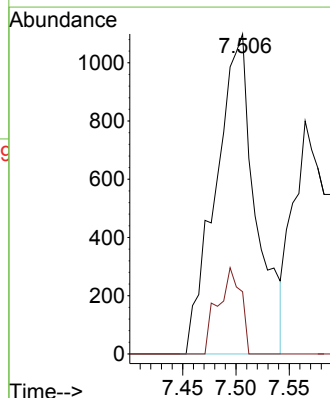
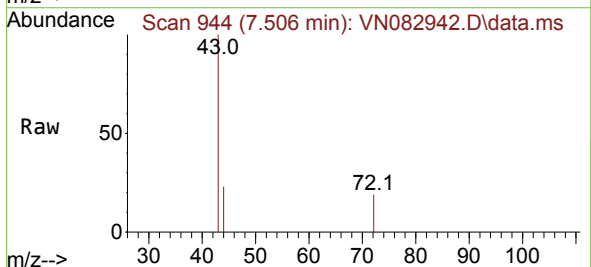
Instrument :
MSVOA_N
ClientSampleId :
WC-CTW2-BL-02

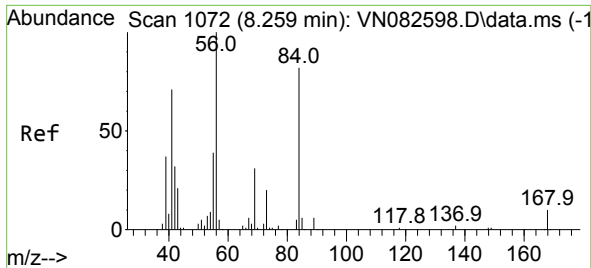
Tgt Ion: 84	Resp: 7624
Ion Ratio	Lower Upper
84 100	
49 111.8	119.6 179.4#
51 37.9	34.8 52.2
86 62.8	52.9 79.3



#25
2-Butanone
Concen: 4.786 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.018 min
Lab File: VN082942.D
Acq: 16 Jul 2024 18:00

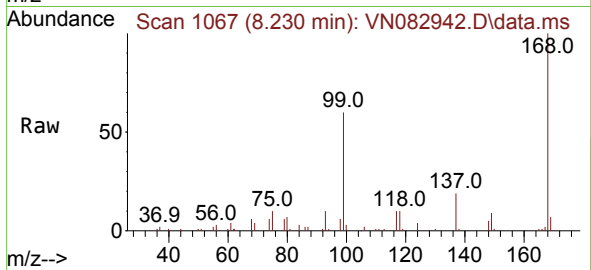
Tgt Ion: 43	Resp: 2861		
Ion Ratio	Lower	Upper	
43 100			
72 19.5	18.2	27.2	



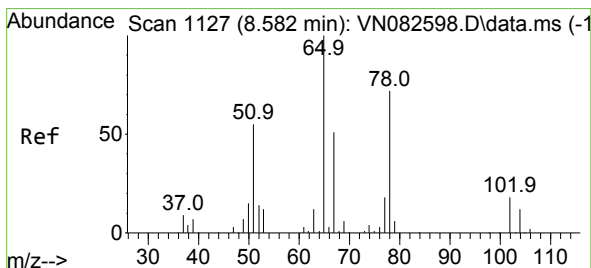
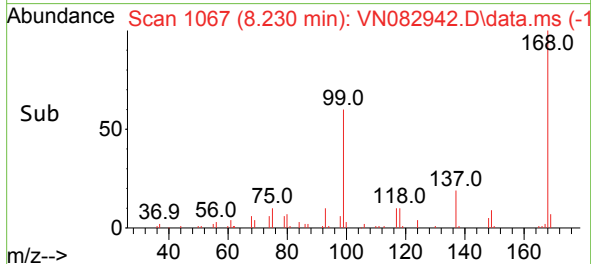
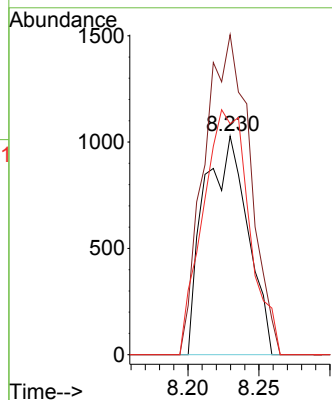


#31
Cyclohexane
Concen: 1.492 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN082942.D
Acq: 16 Jul 2024 18:00

Instrument :
MSVOA_N
ClientSampleId :
WC-CTW2-BL-02

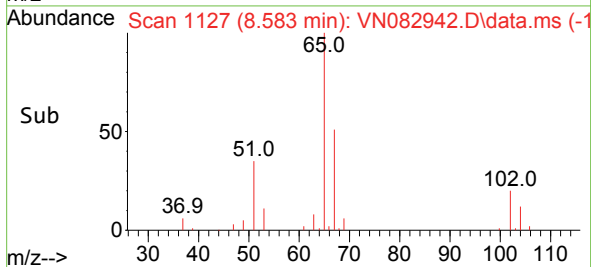
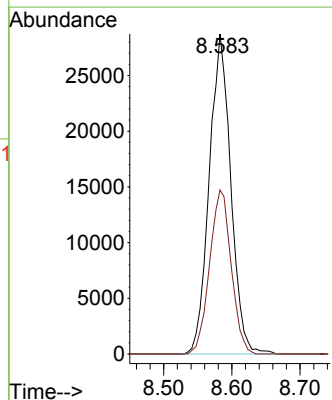
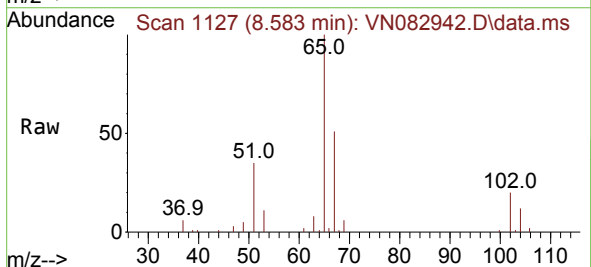


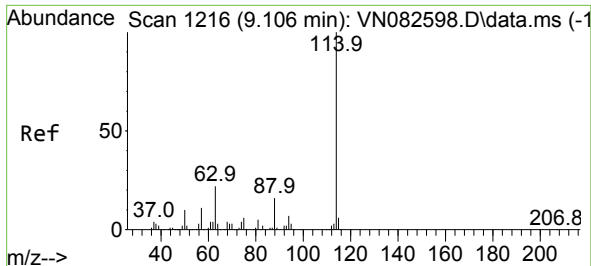
Tgt Ion: 56 Resp: 2193
Ion Ratio Lower Upper
56 100
69 146.4 24.5 36.7#
84 105.6 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 56.132 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN082942.D
Acq: 16 Jul 2024 18:00

Tgt Ion: 65 Resp: 63120
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.4

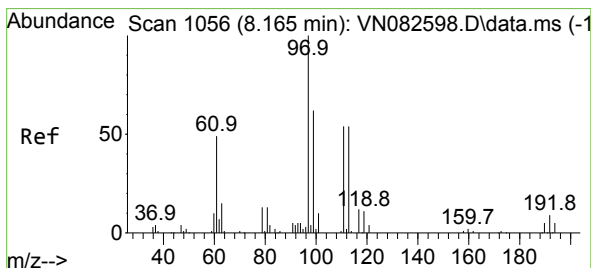
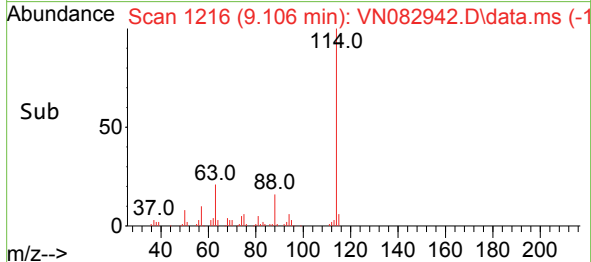
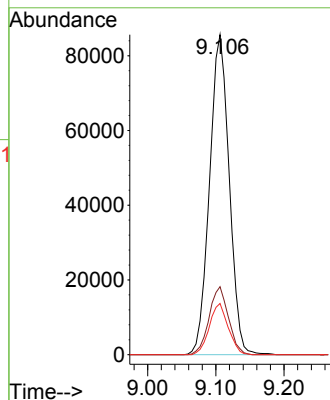
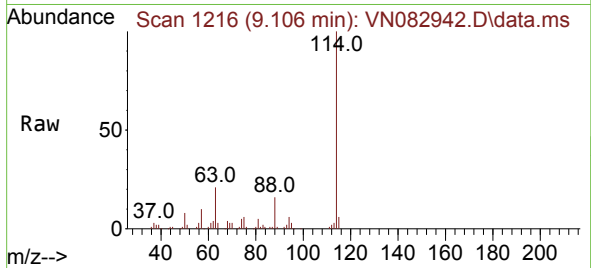




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082942.D
Acq: 16 Jul 2024 18:00

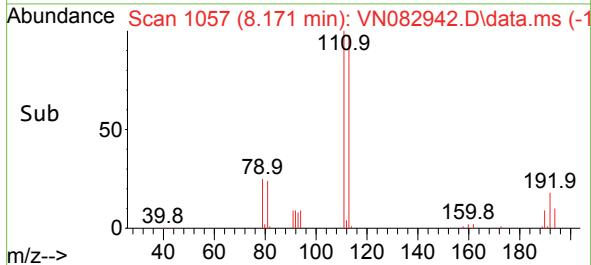
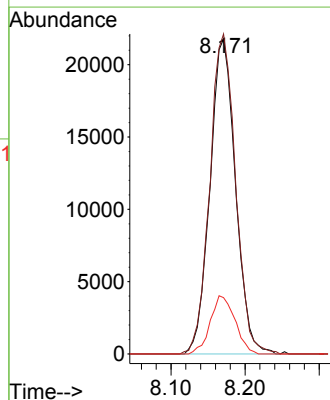
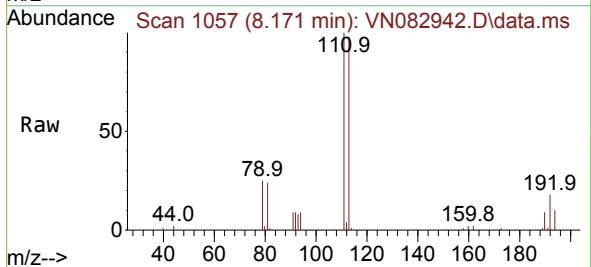
Instrument :
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ClientSampleId :
WC-CTW2-BL-02

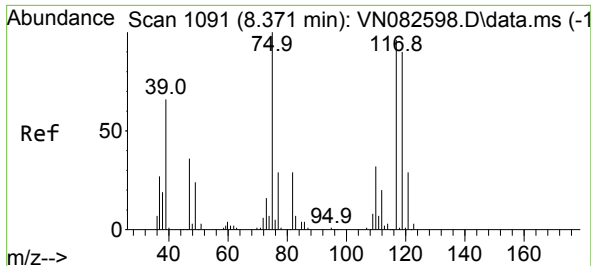
Tgt Ion:114 Resp: 171854
Ion Ratio Lower Upper
114 100
63 21.2 0.0 44.6
88 16.0 0.0 31.4



#35
Dibromofluoromethane
Concen: 47.159 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082942.D
Acq: 16 Jul 2024 18:00

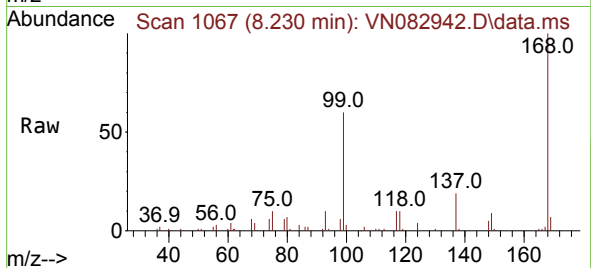
Tgt Ion:113 Resp: 52004
Ion Ratio Lower Upper
113 100
111 102.9 82.4 123.6
192 17.9 14.9 22.3



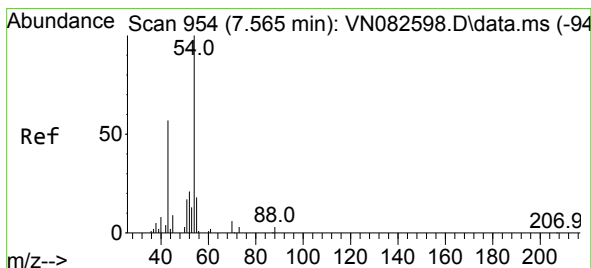
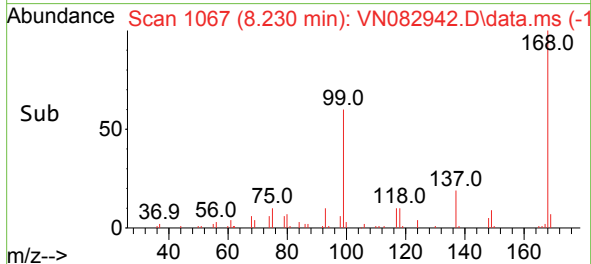
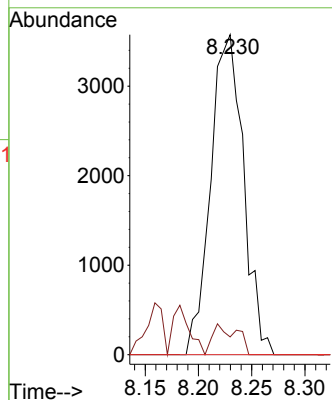


#36
1,1-Dichloropropene
Concen: 5.041 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN082942.D
Acq: 16 Jul 2024 18:00

Instrument :
MSVOA_N
ClientSampleId :
WC-CTW2-BL-02

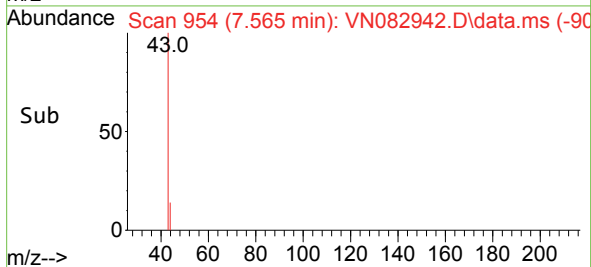
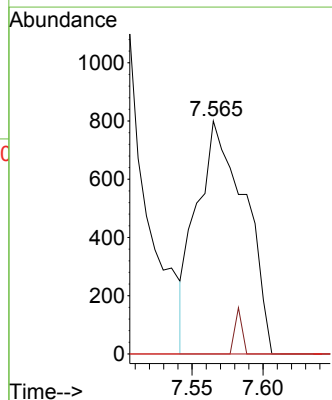
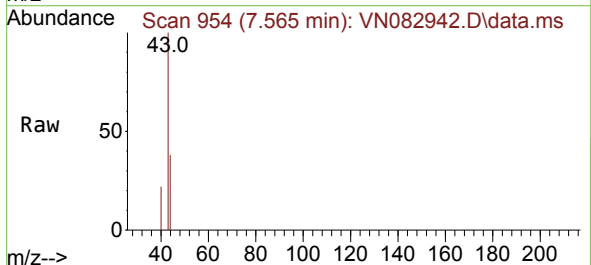


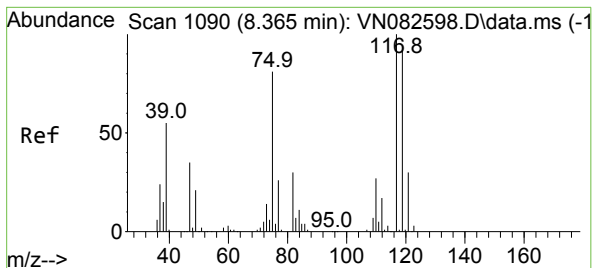
Tgt Ion: 75 Resp: 7664
Ion Ratio Lower Upper
75 100
110 7.0 16.3 48.9#
77 0.0 24.6 37.0#



#37
Ethyl Acetate
Concen: 1.224 ug/l
RT: 7.565 min Scan# 954
Delta R.T. -0.000 min
Lab File: VN082942.D
Acq: 16 Jul 2024 18:00

Tgt Ion: 43 Resp: 1894
Ion Ratio Lower Upper
43 100
61 3.0 9.3 13.9#
70 0.0 7.0 10.6#





#38

Carbon Tetrachloride

Concen: 4.991 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN082942.D

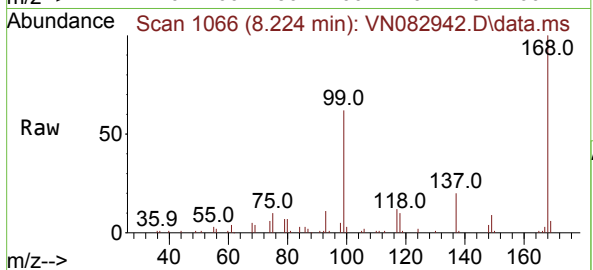
Acq: 16 Jul 2024 18:00

Instrument :

MSVOA_N

ClientSampleId :

WC-CTW2-BL-02



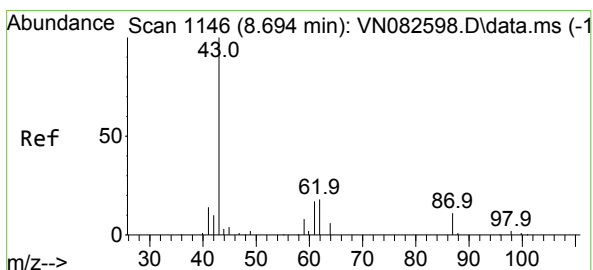
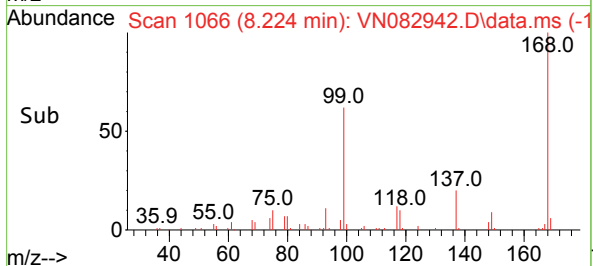
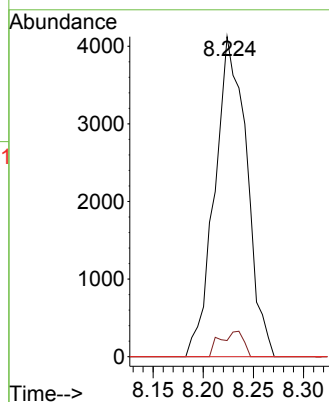
Tgt Ion:117 Resp: 9136

Ion Ratio Lower Upper

117 100

119 5.1 74.9 112.3#

121 0.0 24.3 36.5#



#43

Isopropyl Acetate

Concen: 39.248 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN082942.D

Acq: 16 Jul 2024 18:00

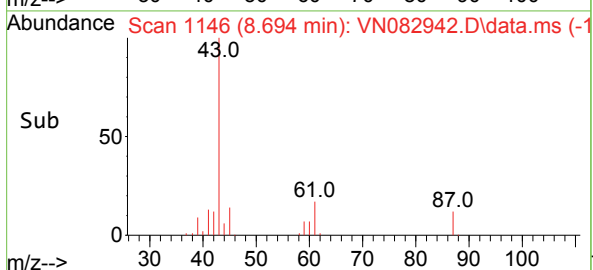
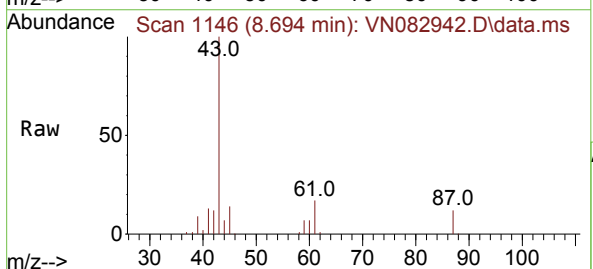
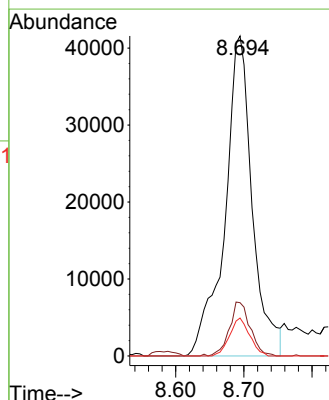
Tgt Ion: 43 Resp: 116416

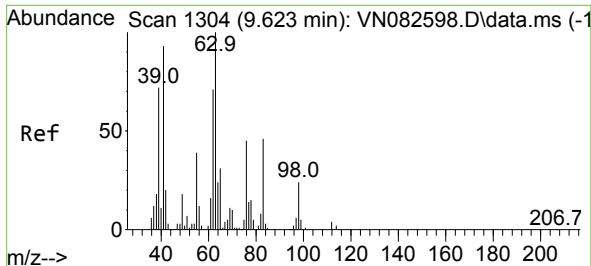
Ion Ratio Lower Upper

43 100

61 12.8 17.8 26.6#

87 8.6 8.2 12.2





#45

1,2-Dichloropropane

Concen: 0.683 ug/l

RT: 9.747 min Scan# 1325

Delta R.T. 0.124 min

Lab File: VN082942.D

Acq: 16 Jul 2024 18:00

Instrument :

MSVOA_N

ClientSampleId :

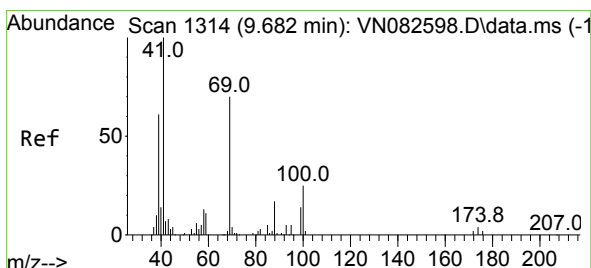
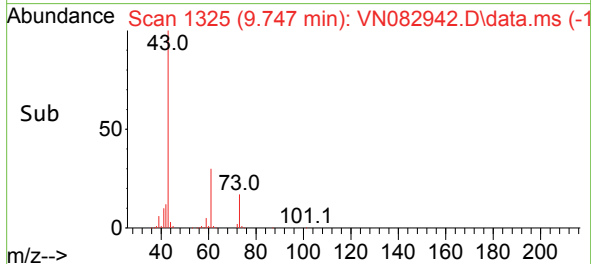
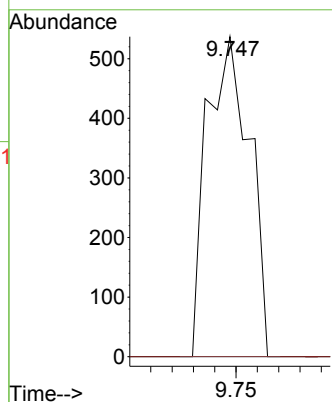
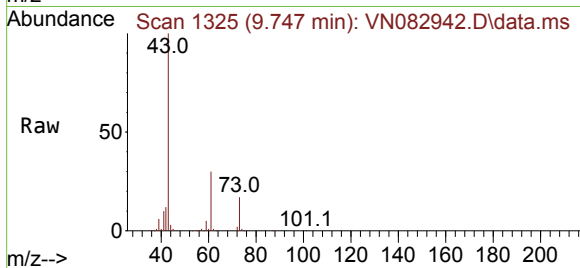
WC-CTW2-BL-02

Tgt Ion: 63 Resp: 746

Ion Ratio Lower Upper

63 100

65 0.0 24.4 36.6#



#48

Methyl methacrylate

Concen: 59.863 ug/l

RT: 9.747 min Scan# 1325

Delta R.T. 0.065 min

Lab File: VN082942.D

Acq: 16 Jul 2024 18:00

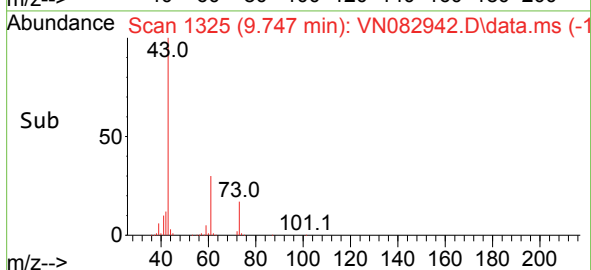
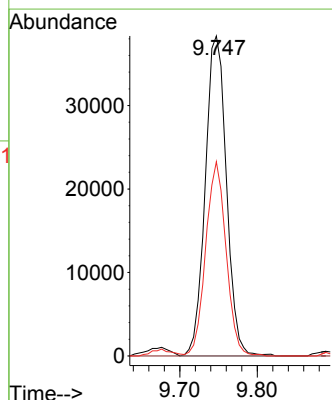
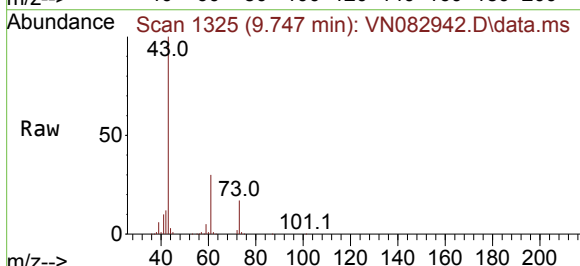
Tgt Ion: 41 Resp: 72657

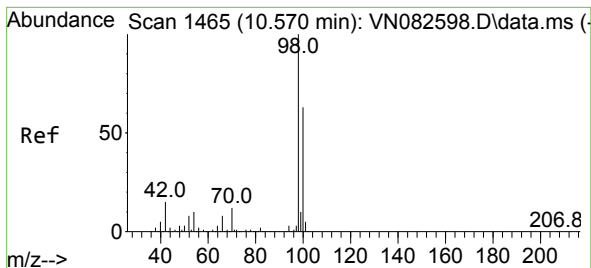
Ion Ratio Lower Upper

41 100

69 0.0 56.3 84.5#

39 58.5 50.3 75.5





#50

Toluene-d8

Concen: 49.987 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.001 min

Lab File: VN082942.D

Acq: 16 Jul 2024 18:00

Instrument :

MSVOA_N

ClientSampleId :

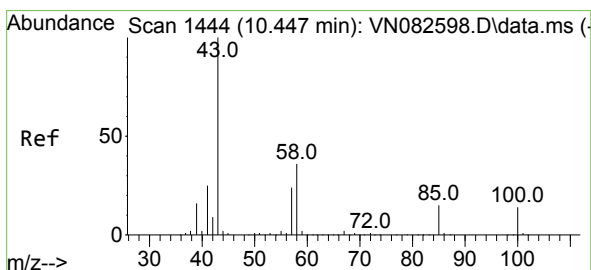
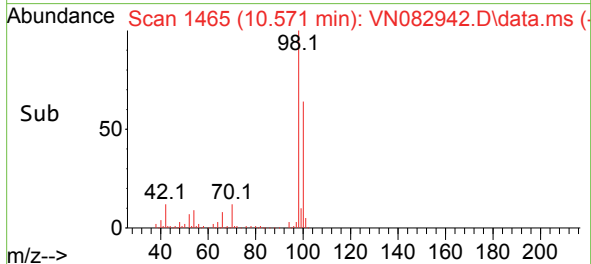
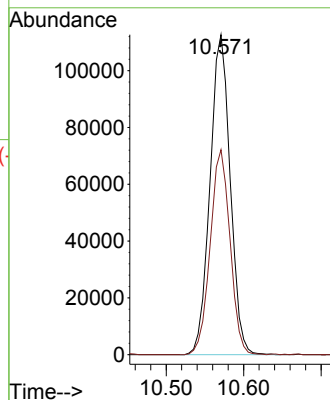
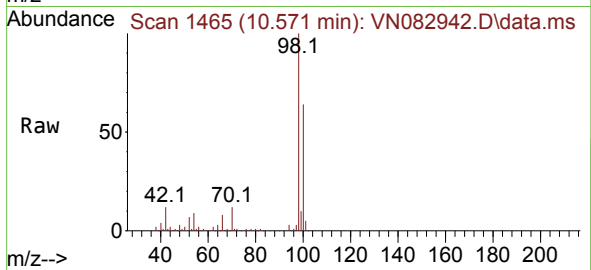
WC-CTW2-BL-02

Tgt Ion: 98 Resp: 203593

Ion Ratio Lower Upper

98 100

100 62.9 51.5 77.3



#51

4-Methyl-2-Pentanone

Concen: 4.219 ug/l

RT: 10.453 min Scan# 1445

Delta R.T. 0.006 min

Lab File: VN082942.D

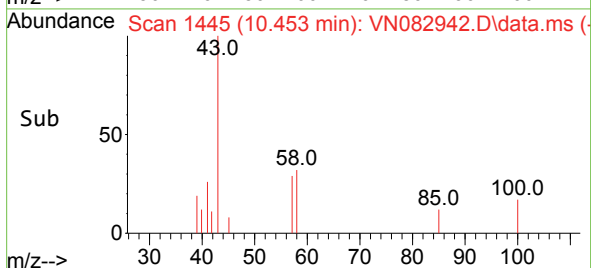
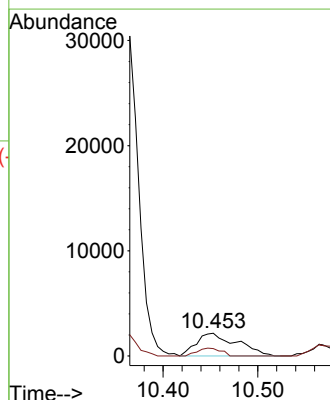
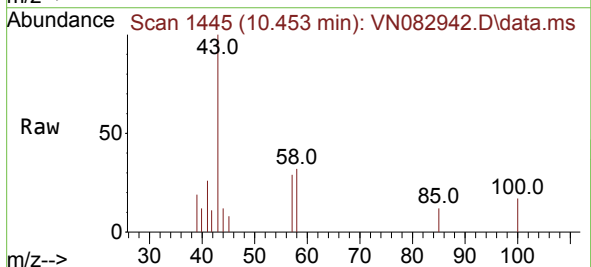
Acq: 16 Jul 2024 18:00

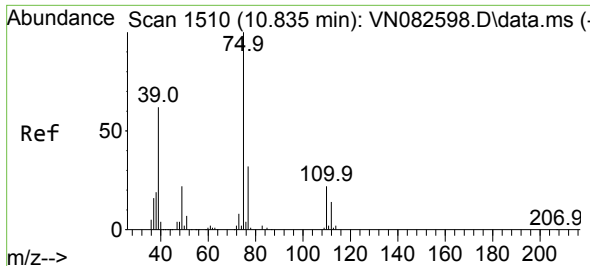
Tgt Ion: 43 Resp: 6474

Ion Ratio Lower Upper

43 100

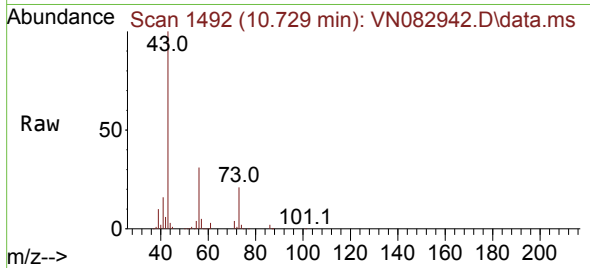
58 19.9 28.2 42.4#



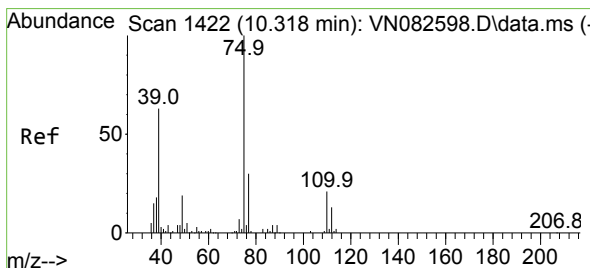
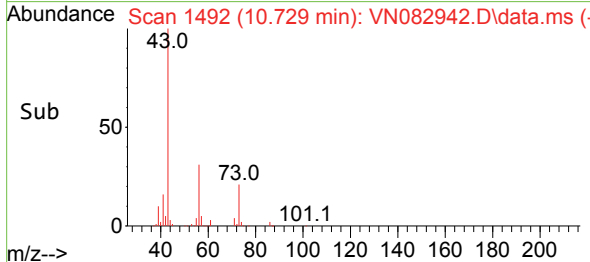
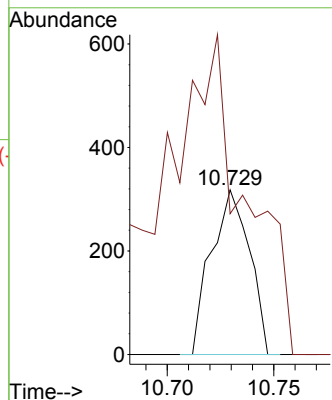


#53
t-1,3-Dichloropropene
Concen: 0.220 ug/l
RT: 10.729 min Scan# 1492
Delta R.T. -0.106 min
Lab File: VN082942.D
Acq: 16 Jul 2024 18:00

Instrument :
MSVOA_N
ClientSampleId :
WC-CTW2-BL-02

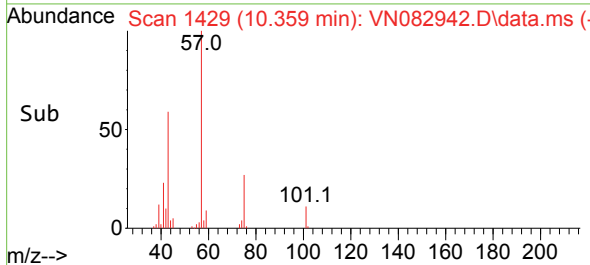
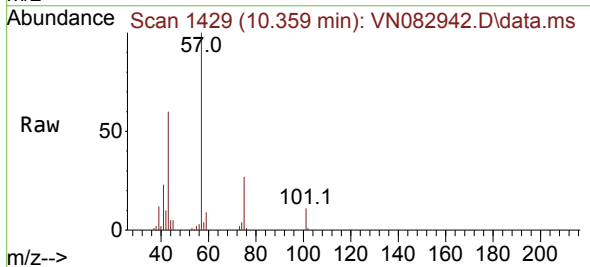
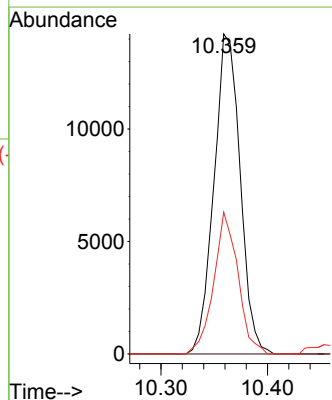


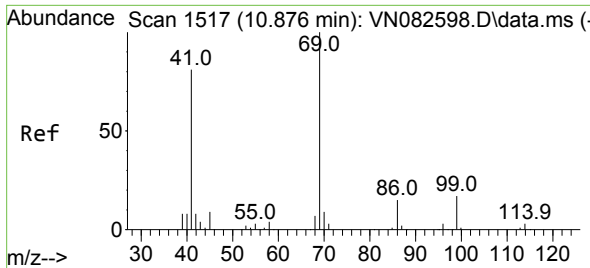
Tgt Ion: 75 Resp: 398
Ion Ratio Lower Upper
75 100
77 6.3 25.7 38.5#



#54
cis-1,3-Dichloropropene
Concen: 12.664 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. 0.041 min
Lab File: VN082942.D
Acq: 16 Jul 2024 18:00

Tgt Ion: 75 Resp: 24270
Ion Ratio Lower Upper
75 100
77 0.0 24.3 36.5#
39 44.3 50.5 75.7#

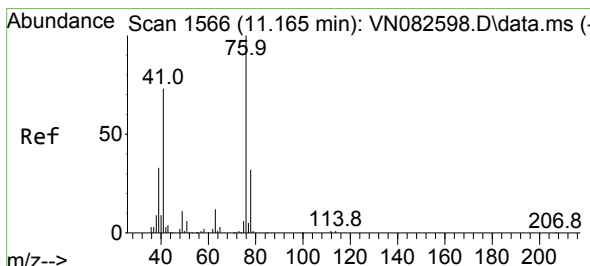
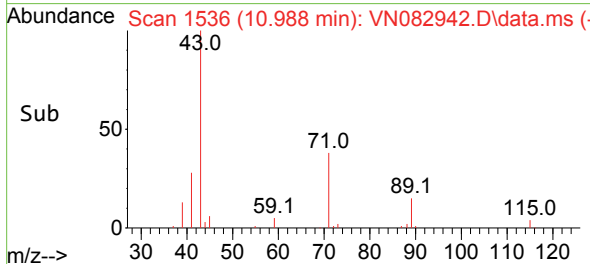
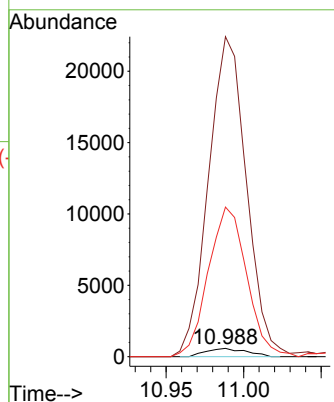
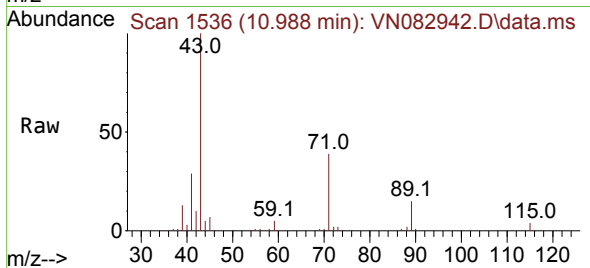




#56
Ethyl methacrylate
Concen: 0.631 ug/l
RT: 10.988 min Scan# 1536
Delta R.T. 0.112 min
Lab File: VN082942.D
Acq: 16 Jul 2024 18:00

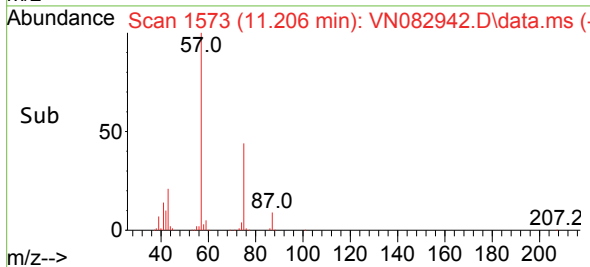
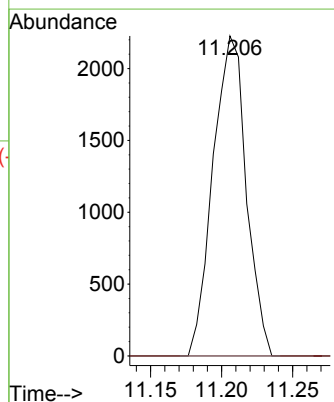
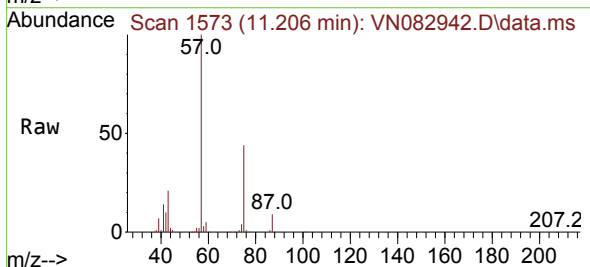
Instrument :
MSVOA_N
ClientSampleId :
WC-CTW2-BL-02

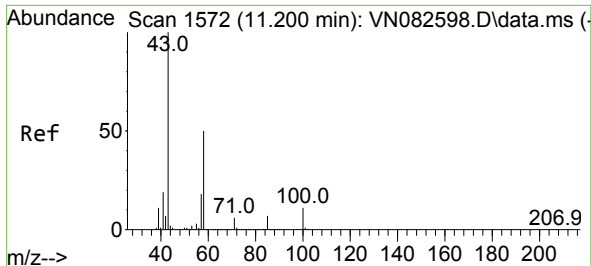
Tgt Ion: 69 Resp: 1054
Ion Ratio Lower Upper
69 100
41 3624.7 63.4 95.2#
39 1710.6 37.4 56.0#



#57
1,3-Dichloropropane
Concen: 1.909 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.041 min
Lab File: VN082942.D
Acq: 16 Jul 2024 18:00

Tgt Ion: 76 Resp: 3630
Ion Ratio Lower Upper
76 100
78 0.0 25.6 38.4#

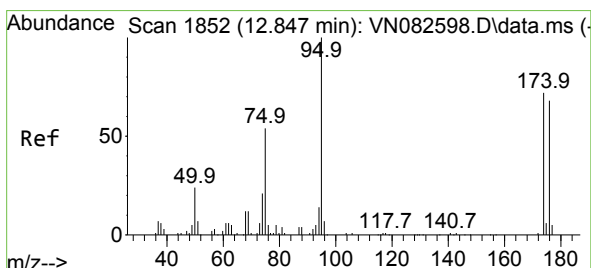
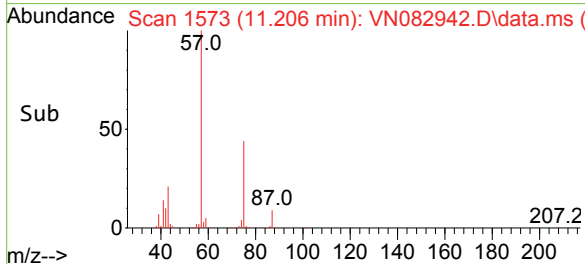
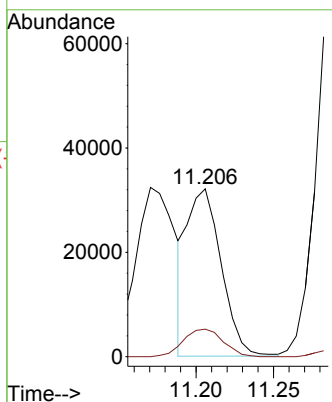
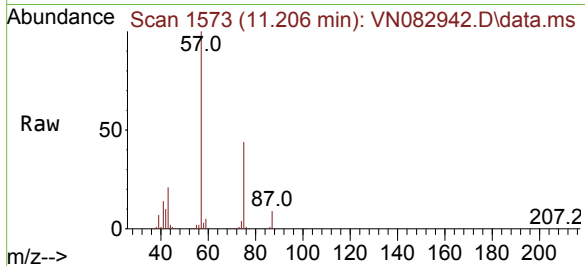




#59
2-Hexanone
Concen: 43.223 ug/l
RT: 11.206 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082942.D
Acq: 16 Jul 2024 18:00

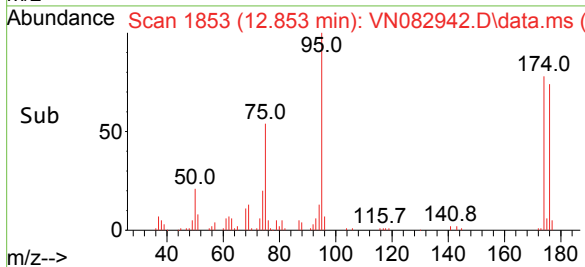
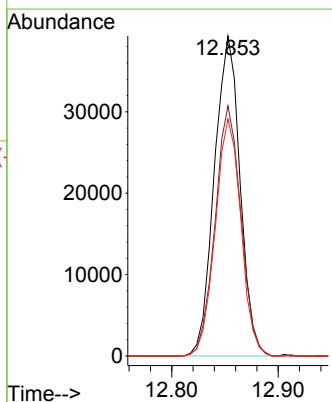
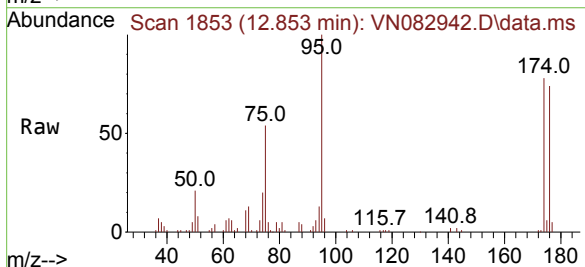
Instrument :
MSVOA_N
ClientSampleId :
WC-CTW2-BL-02

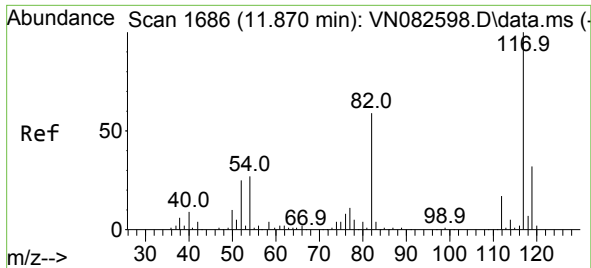
Tgt Ion: 43 Resp: 49314
Ion Ratio Lower Upper
43 100
58 19.2 24.6 73.8#



#62
4-Bromofluorobenzene
Concen: 44.930 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082942.D
Acq: 16 Jul 2024 18:00

Tgt Ion: 95 Resp: 65734
Ion Ratio Lower Upper
95 100
174 78.7 0.0 159.2
176 73.8 0.0 147.6

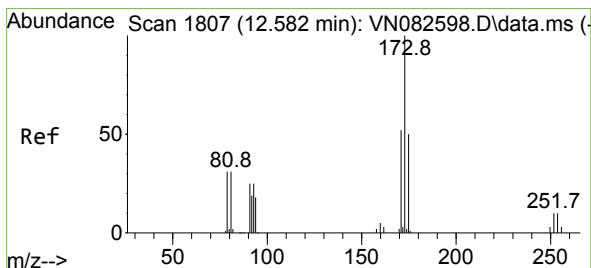
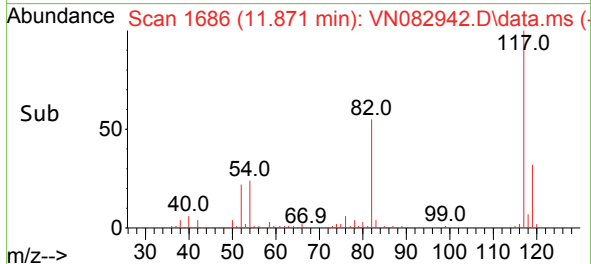
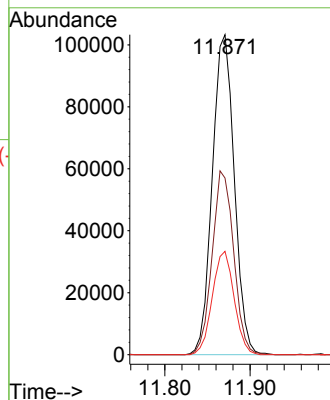
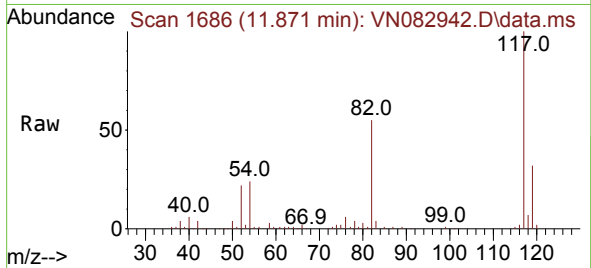




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN082942.D
Acq: 16 Jul 2024 18:00

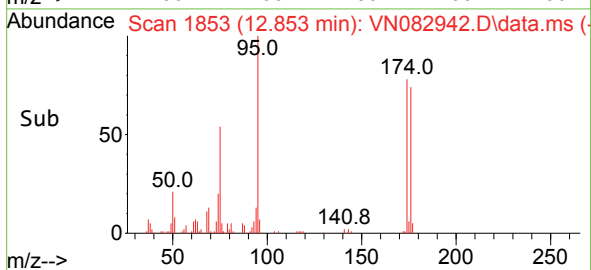
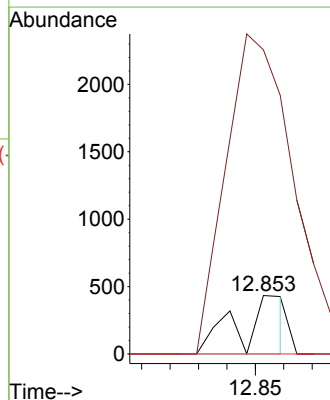
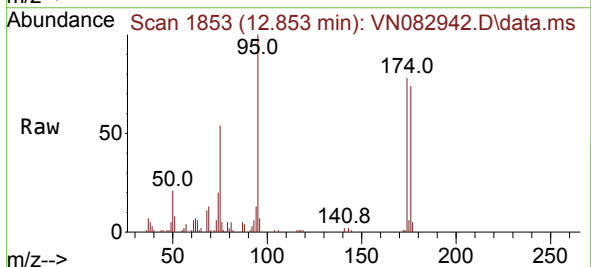
Instrument :
MSVOA_N
ClientSampleId :
WC-CTW2-BL-02

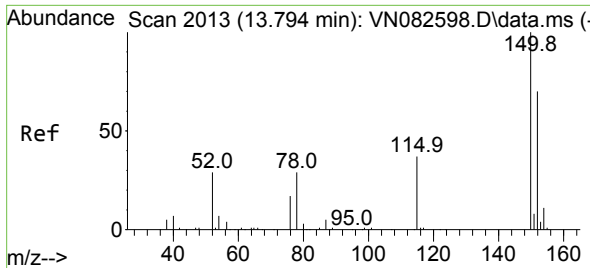
Tgt Ion:117 Resp: 184967
Ion Ratio Lower Upper
117 100
82 55.2 47.5 71.3
119 32.3 25.6 38.4



#71
Bromoform
Concen: 0.437 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.271 min
Lab File: VN082942.D
Acq: 16 Jul 2024 18:00

Tgt Ion:173 Resp: 485
Ion Ratio Lower Upper
173 100
175 651.3 24.0 72.0#
254 0.0 0.0 0.0

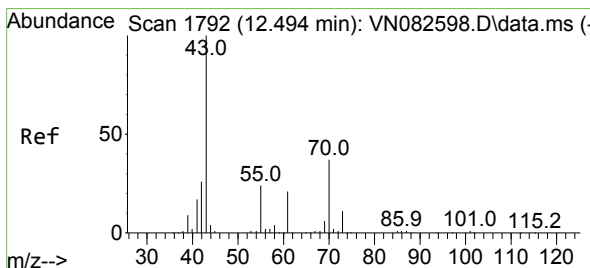
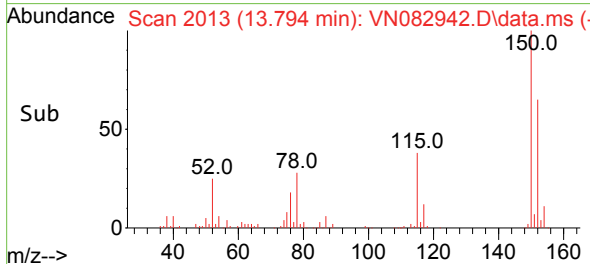
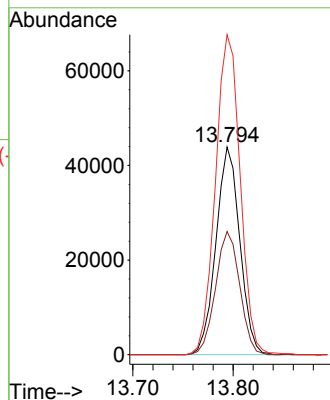
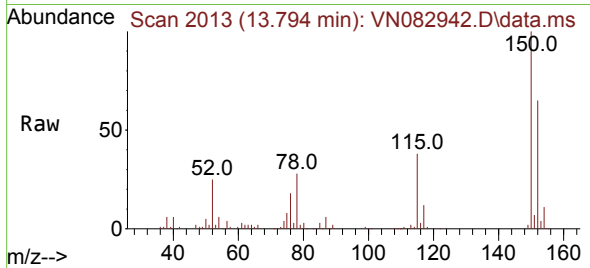




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. -0.000 min
 Lab File: VN082942.D
 Acq: 16 Jul 2024 18:00

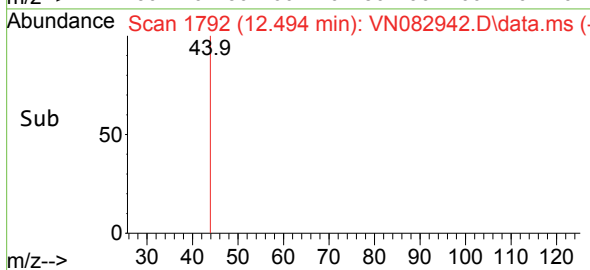
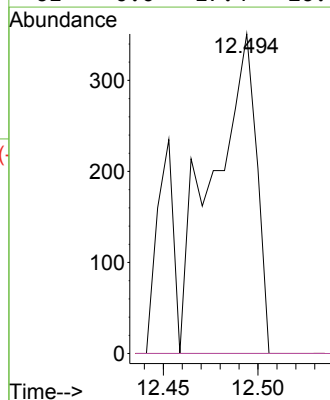
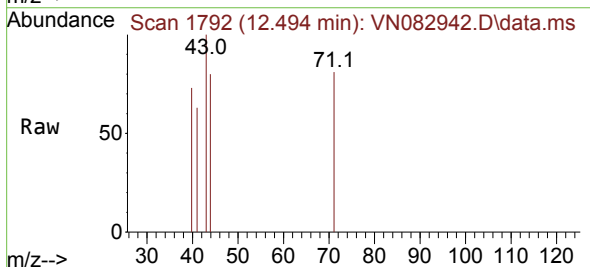
Instrument :
 MSVOA_N
 ClientSampleId :
 WC-CTW2-BL-02

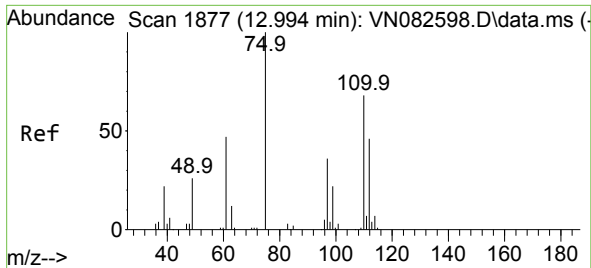
Tgt Ion:152 Resp: 72395
 Ion Ratio Lower Upper
 152 100
 115 60.1 30.6 91.6
 150 159.7 0.0 348.6



#74
 N-ethyl acetate
 Concen: 0.260 ug/l
 RT: 12.494 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VN082942.D
 Acq: 16 Jul 2024 18:00

Tgt Ion: 43 Resp: 565
 Ion Ratio Lower Upper
 43 100
 70 0.0 29.8 44.6#
 55 0.0 18.7 28.1#
 61 0.0 17.4 26.0#

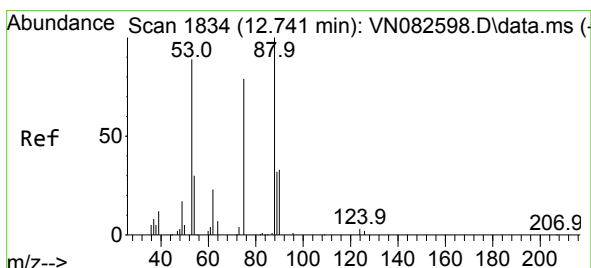
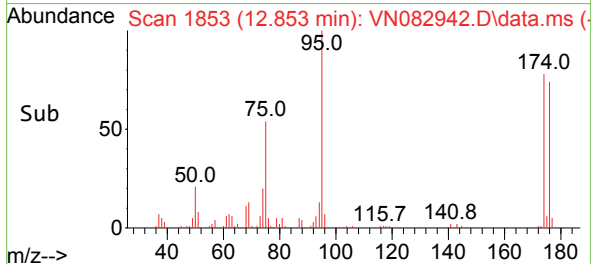
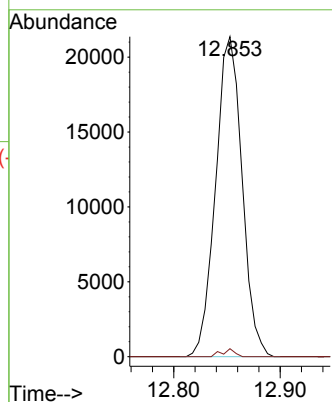
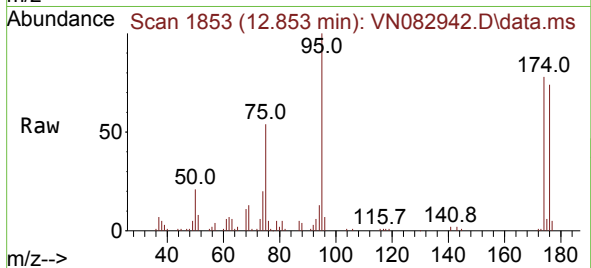




#76
1,2,3-Trichloropropane
Concen: 29.516 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN082942.D
Acq: 16 Jul 2024 18:00

Instrument :
MSVOA_N
ClientSampleId :
WC-CTW2-BL-02

Tgt Ion: 75 Resp: 36840
Ion Ratio Lower Upper
75 100
77 1.2 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 58.050 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN082942.D
Acq: 16 Jul 2024 18:00

Tgt Ion: 75 Resp: 36840
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#

