

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071724\
 Data File : VN082959.D
 Acq On : 17 Jul 2024 13:34
 Operator : JC\MD
 Sample : P3246-17RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-CTW2-BL-04RE

Quant Time: Jul 18 05:23:16 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)

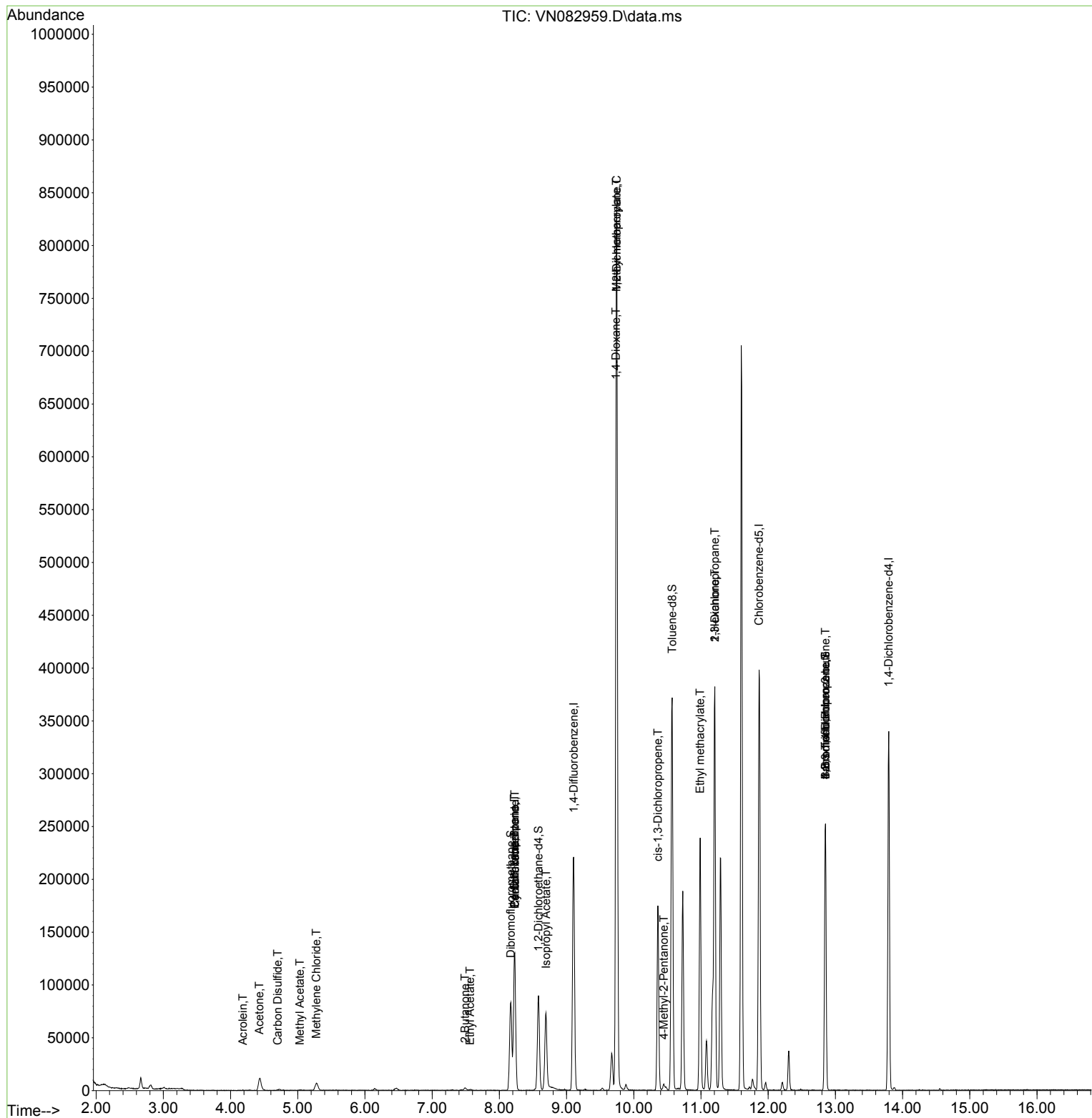
Internal Standards						
1) Pentafluorobenzene	8.230	168	91551	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	189300	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	229260	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	88084	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	72333	56.362	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 112.720%	
35) Dibromofluoromethane	8.171	113	59761	49.199	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.400%	
50) Toluene-d8	10.571	98	256709	57.219	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 114.440%#	
62) 4-Bromofluorobenzene	12.853	95	82530	51.211	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 102.420%	
Target Compounds						
					Qvalue	
13) Acrolein	4.183	56	89	0.571	ug/l #	14
16) Acetone	4.430	43	22145	49.011	ug/l	90
17) Carbon Disulfide	4.700	76	734	0.263	ug/l #	75
18) Methyl Acetate	5.030	43	253	0.212	ug/l #	56
20) Methylene Chloride	5.277	84	5550	5.086	ug/l	84
25) 2-Butanone	7.488	43	4223	6.190	ug/l	94
31) Cyclohexane	8.230	56	2387	1.423	ug/l #	31
36) 1,1-Dichloropropene	8.224	75	8500	5.075	ug/l #	50
37) Ethyl Acetate	7.565	43	1825	1.070	ug/l #	72
38) Carbon Tetrachloride	8.230	117	9987	4.953	ug/l #	20
43) Isopropyl Acetate	8.694	43	85016	24.958	ug/l #	90
45) 1,2-Dichloropropane	9.747	63	1092	0.908	ug/l #	44
48) Methyl methacrylate	9.741	41	79982	59.825	ug/l #	52
49) 1,4-Dioxane	9.735	88	55	2.496	ug/l #	1
51) 4-Methyl-2-Pentanone	10.447	43	3439	2.034	ug/l	95
54) cis-1,3-Dichloropropene	10.359	75	28501	13.501	ug/l #	65
56) Ethyl methacrylate	10.988	69	1305	0.709	ug/l #	1
57) 1,3-Dichloropropane	11.206	76	3758	1.794	ug/l #	43
59) 2-Hexanone	11.206	43	51545	41.015	ug/l #	57
71) Bromoform	12.853	173	890	0.648	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	45870	30.205	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	45870	59.405	ug/l #	6

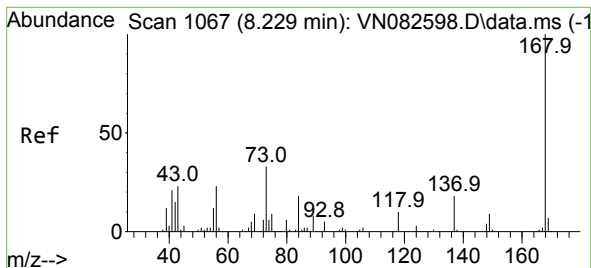
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jul 08 13:46:04 2024
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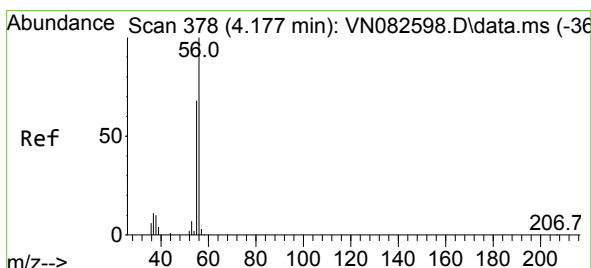
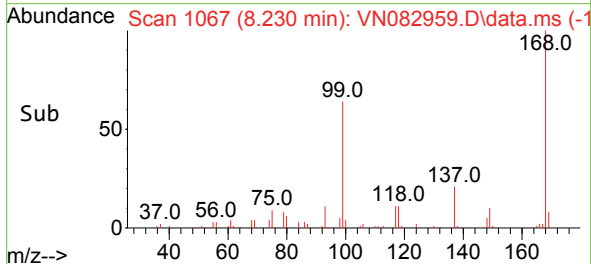
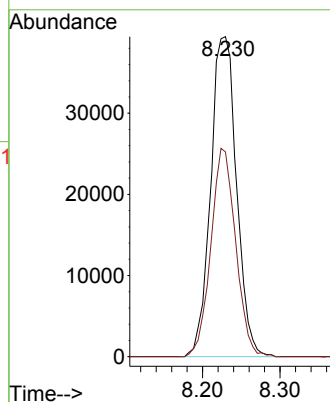
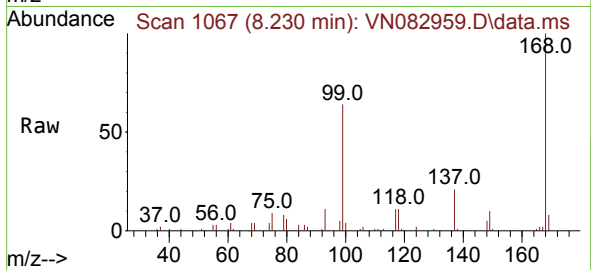




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082959.D
Acq: 17 Jul 2024 13:34

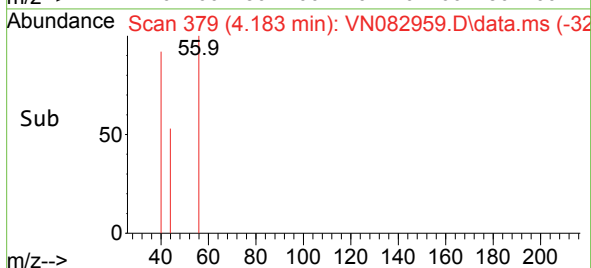
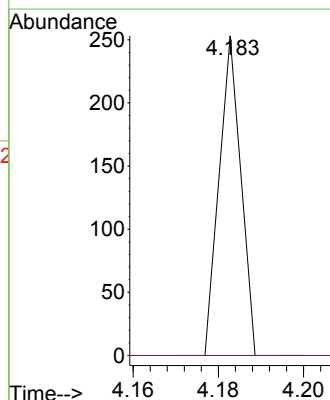
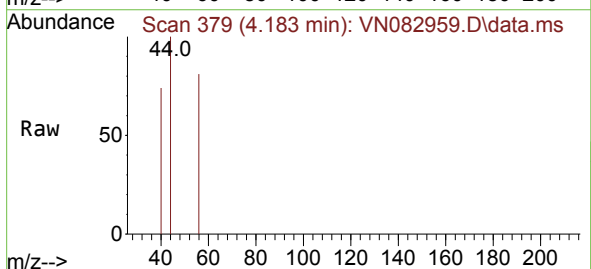
Instrument :
MSVOA_N
ClientSampleId :
WC-CTW2-BL-04RE

Tgt Ion:168 Resp: 91551
Ion Ratio Lower Upper
168 100
99 64.0 48.2 72.4



#13
Acrolein
Concen: 0.571 ug/l
RT: 4.183 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN082959.D
Acq: 17 Jul 2024 13:34

Tgt Ion: 56 Resp: 89
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

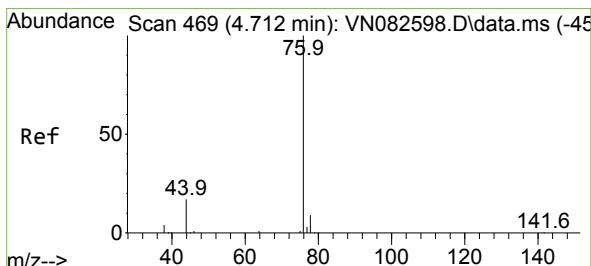
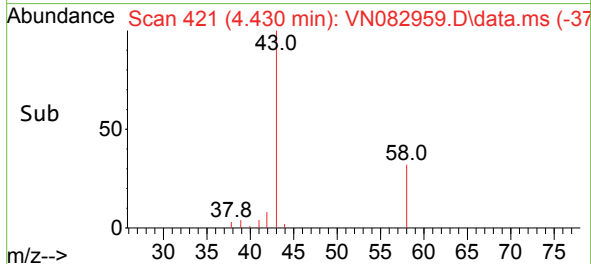
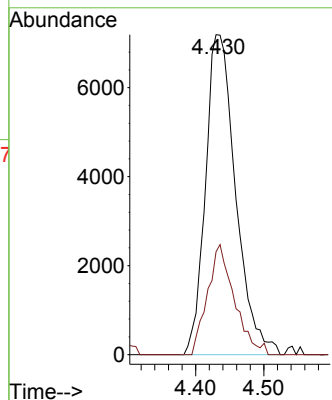
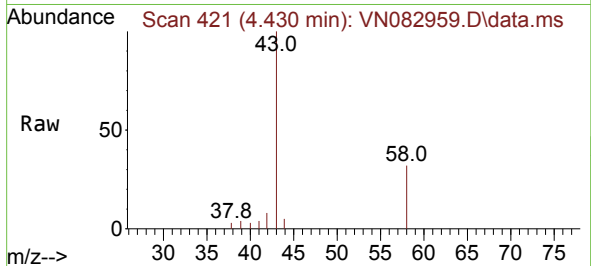




#16
Acetone
Concen: 49.011 ug/l
RT: 4.430 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN082959.D
Acq: 17 Jul 2024 13:34

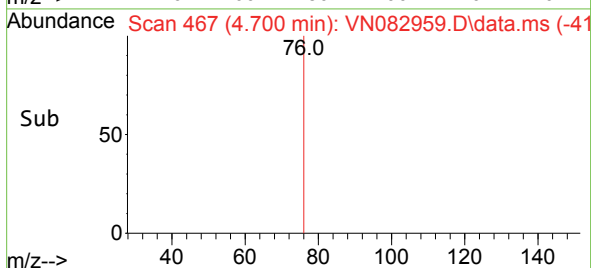
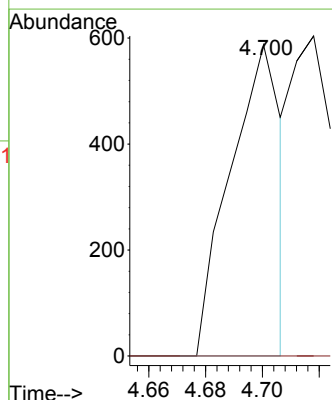
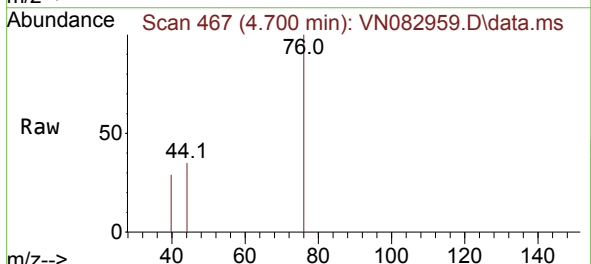
Instrument :
MSVOA_N
ClientSampleId :
WC-CTW2-BL-04RE

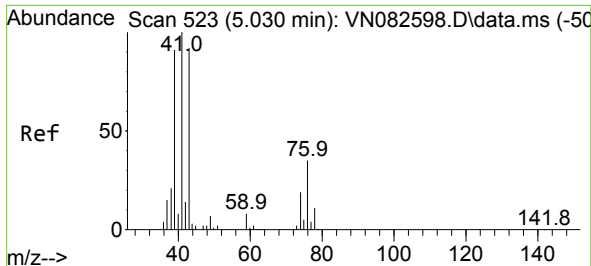
Tgt Ion: 43 Resp: 22145
Ion Ratio Lower Upper
43 100
58 32.1 21.8 32.6



#17
Carbon Disulfide
Concen: 0.263 ug/l
RT: 4.700 min Scan# 467
Delta R.T. -0.012 min
Lab File: VN082959.D
Acq: 17 Jul 2024 13:34

Tgt Ion: 76 Resp: 734
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

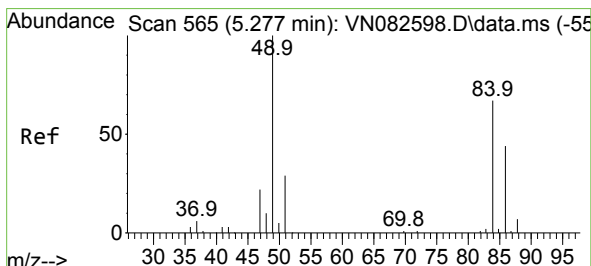
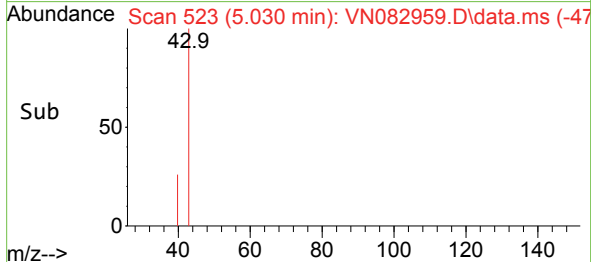
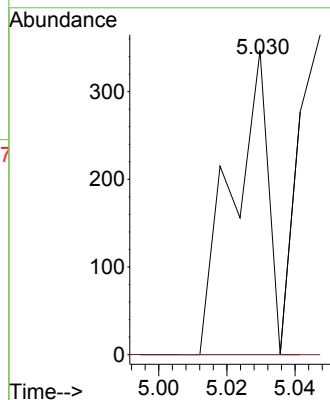
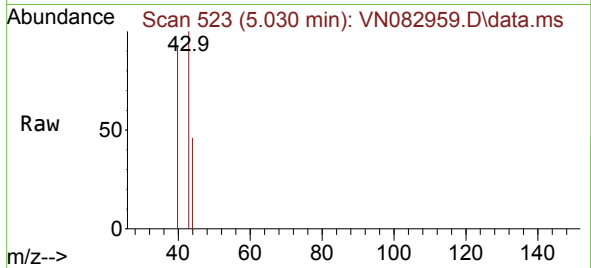




#18
Methyl Acetate
Concen: 0.212 ug/l
RT: 5.030 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN082959.D
Acq: 17 Jul 2024 13:34

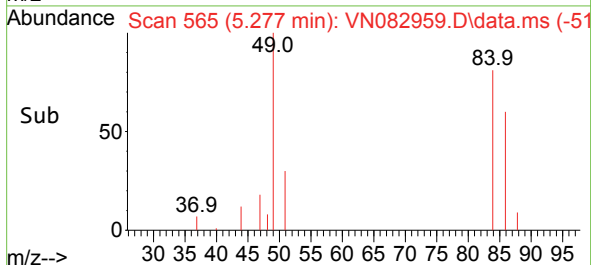
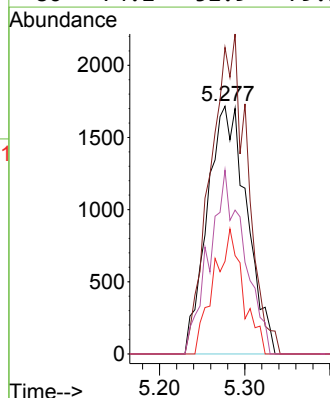
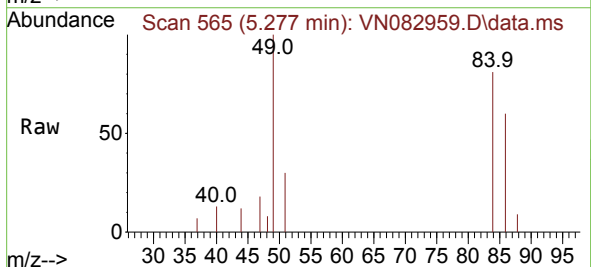
Instrument :
MSVOA_N
ClientSampleId :
WC-CTW2-BL-04RE

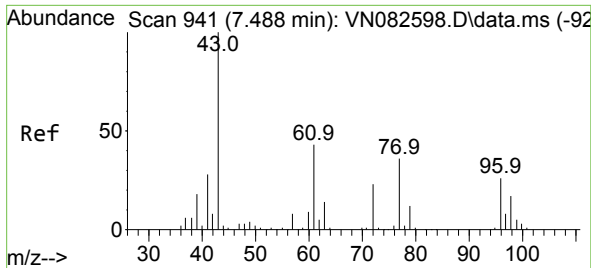
Tgt Ion: 43 Resp: 253
Ion Ratio Lower Upper
43 100
74 0.0 16.3 24.5#



#20
Methylene Chloride
Concen: 5.086 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN082959.D
Acq: 17 Jul 2024 13:34

Tgt Ion: 84 Resp: 5550
Ion Ratio Lower Upper
84 100
49 123.8 119.6 179.4
51 37.4 34.8 52.2
86 74.2 52.9 79.3

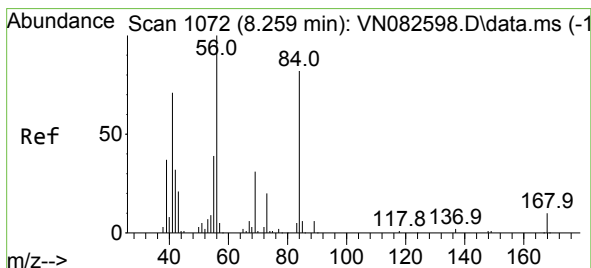
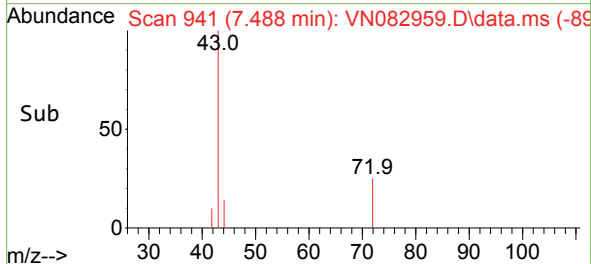
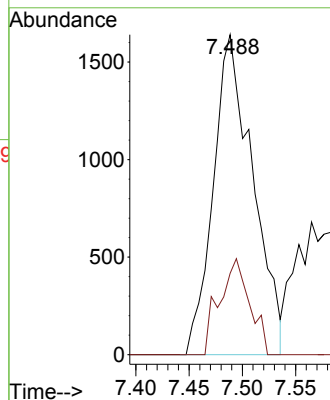
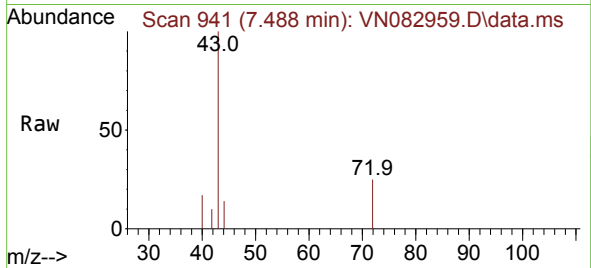




#25
2-Butanone
Concen: 6.190 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN082959.D
Acq: 17 Jul 2024 13:34

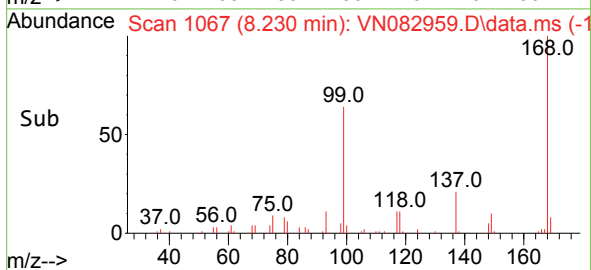
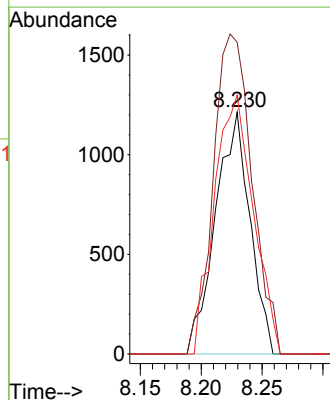
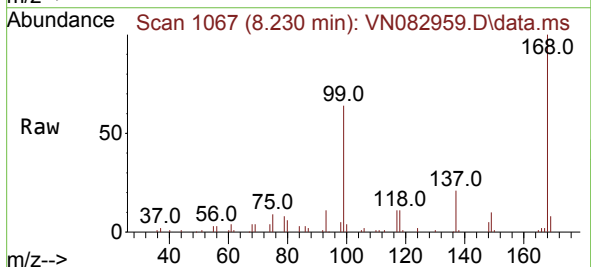
Instrument :
MSVOA_N
ClientSampleId :
WC-CTW2-BL-04RE

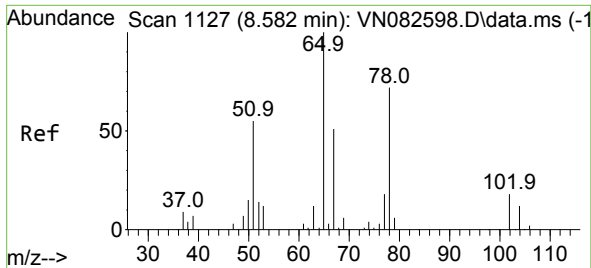
Tgt Ion: 43 Resp: 4223
Ion Ratio Lower Upper
43 100
72 25.4 18.2 27.2



#31
Cyclohexane
Concen: 1.423 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN082959.D
Acq: 17 Jul 2024 13:34

Tgt Ion: 56 Resp: 2387
Ion Ratio Lower Upper
56 100
69 128.9 24.5 36.7#
84 107.1 66.0 99.0#

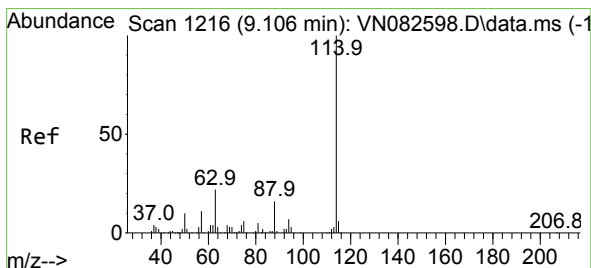
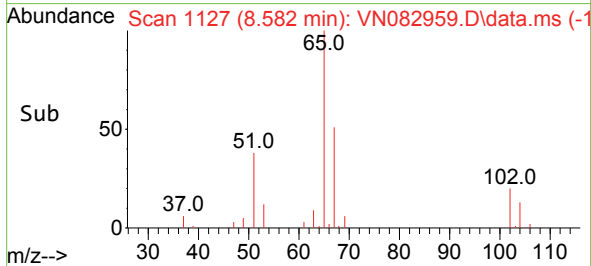
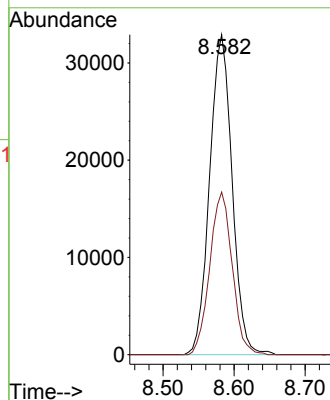
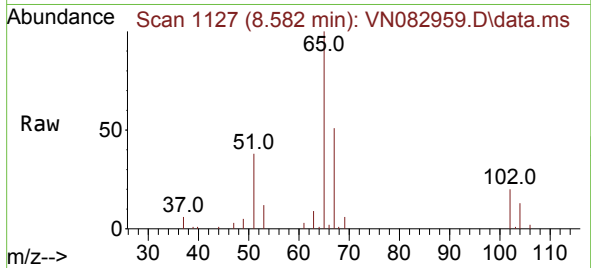




#33
 1,2-Dichloroethane-d4
 Concen: 56.362 ug/l
 RT: 8.582 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VN082959.D
 Acq: 17 Jul 2024 13:34

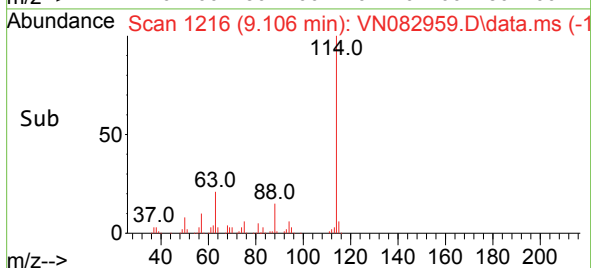
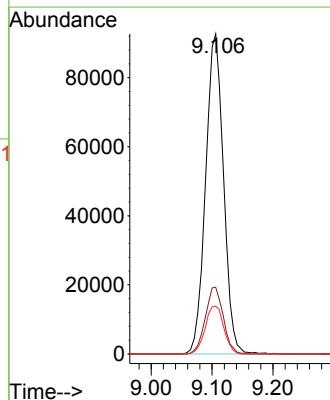
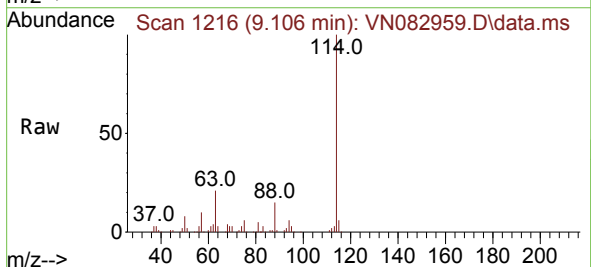
Instrument :
 MSVOA_N
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 WC-CTW2-BL-04RE

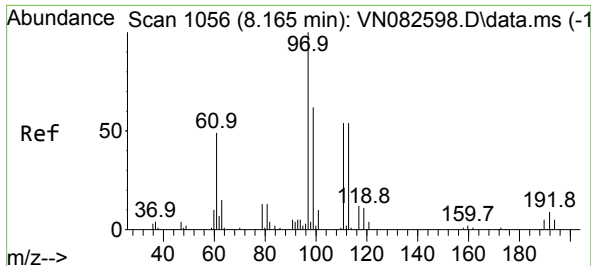
Tgt Ion: 65 Resp: 72333
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. -0.000 min
 Lab File: VN082959.D
 Acq: 17 Jul 2024 13:34

Tgt Ion: 114 Resp: 189300
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 44.6
 88 15.0 0.0 31.4





#35

Dibromofluoromethane

Concen: 49.199 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN082959.D

Acq: 17 Jul 2024 13:34

Instrument :

MSVOA_N

ClientSampleId :

WC-CTW2-BL-04RE

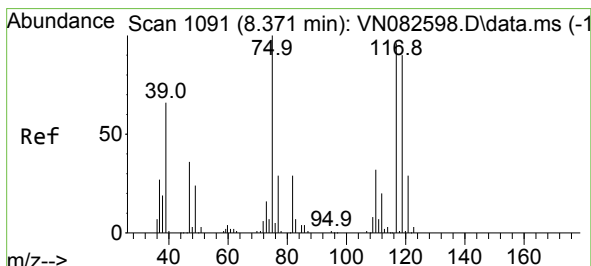
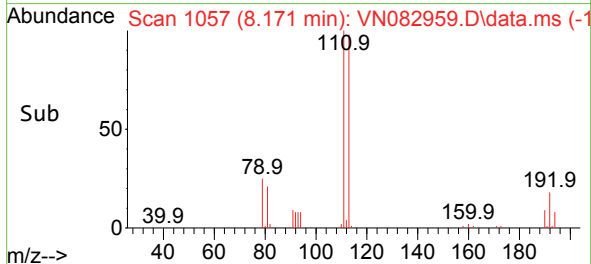
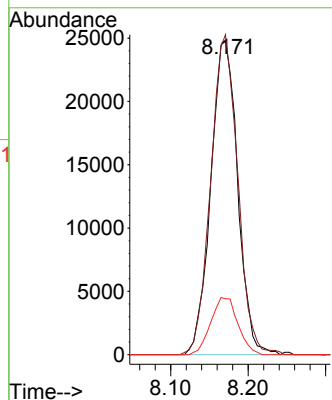
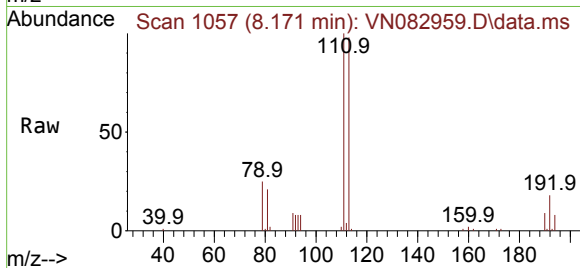
Tgt Ion:113 Resp: 59761

Ion Ratio Lower Upper

113 100

111 102.2 82.4 123.6

192 18.4 14.9 22.3



#36

1,1-Dichloropropene

Concen: 5.075 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN082959.D

Acq: 17 Jul 2024 13:34

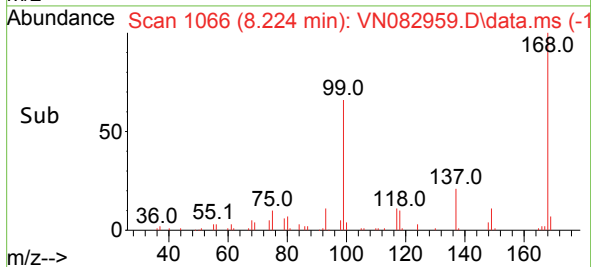
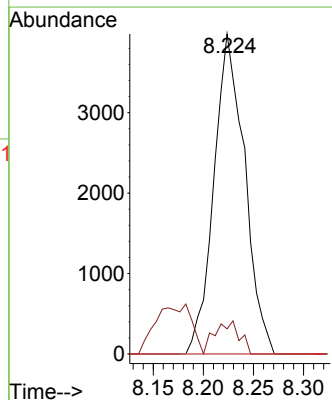
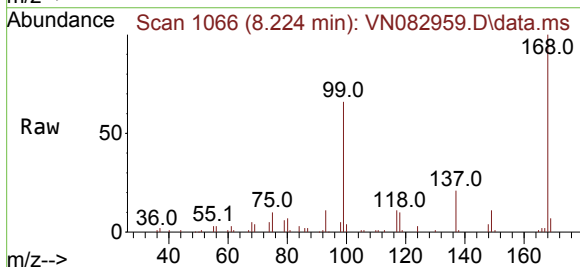
Tgt Ion: 75 Resp: 8500

Ion Ratio Lower Upper

75 100

110 8.3 16.3 48.9#

77 0.0 24.6 37.0#





#37

Ethyl Acetate

Concen: 1.070 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN082959.D

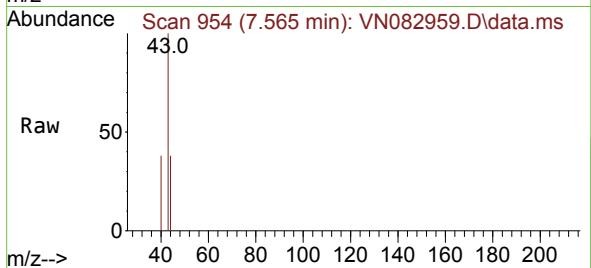
Acq: 17 Jul 2024 13:34

Instrument :

MSVOA_N

ClientSampleId :

WC-CTW2-BL-04RE



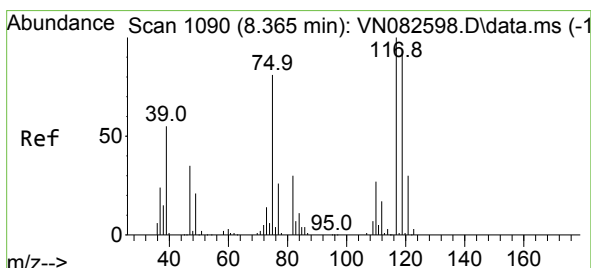
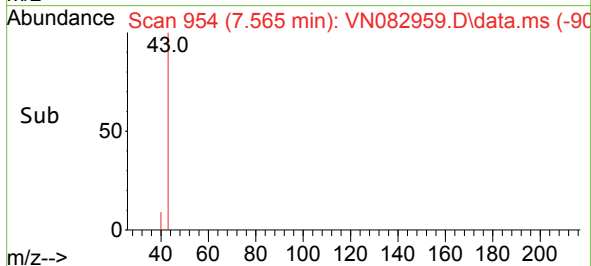
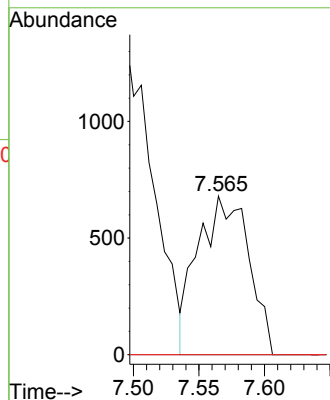
Tgt Ion: 43 Resp: 1825

Ion Ratio Lower Upper

43 100

61 0.0 9.3 13.9#

70 0.0 7.0 10.6#



#38

Carbon Tetrachloride

Concen: 4.953 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.135 min

Lab File: VN082959.D

Acq: 17 Jul 2024 13:34

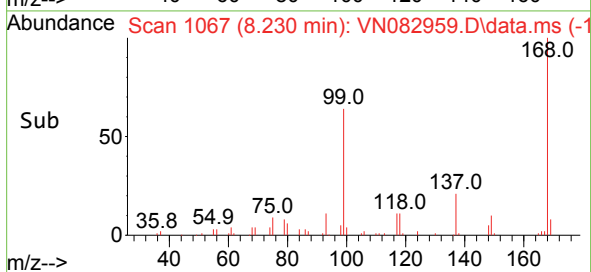
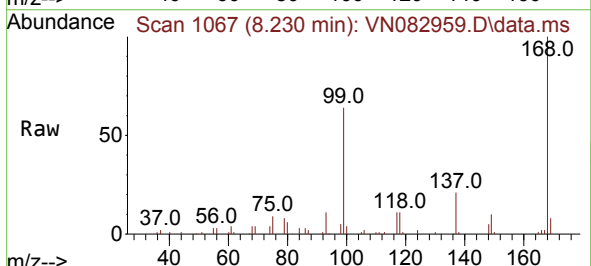
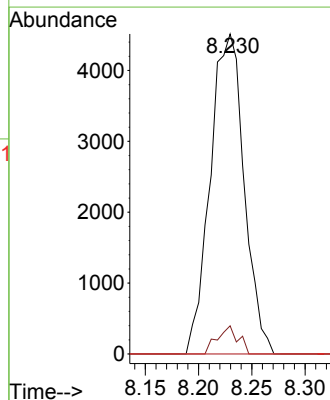
Tgt Ion: 117 Resp: 9987

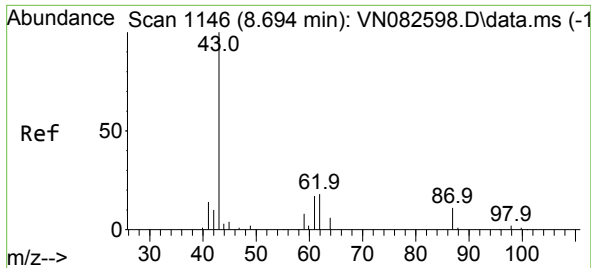
Ion Ratio Lower Upper

117 100

119 8.8 74.9 112.3#

121 0.0 24.3 36.5#

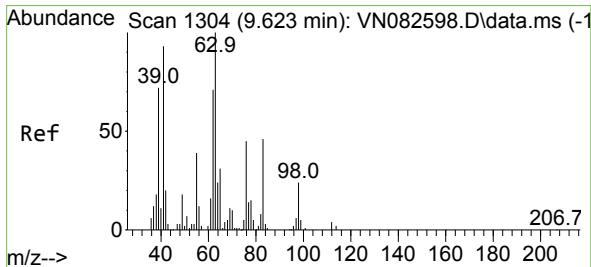
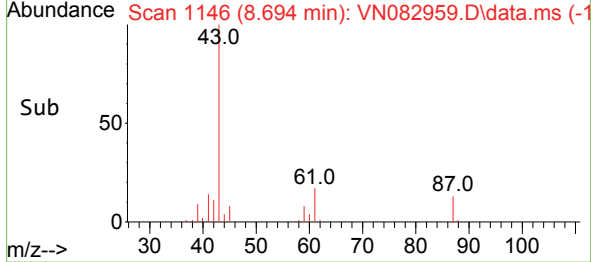
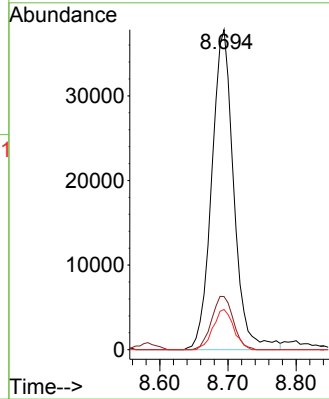
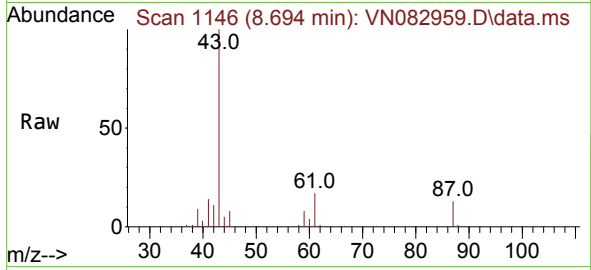




#43
Isopropyl Acetate
Concen: 24.958 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN082959.D
Acq: 17 Jul 2024 13:34

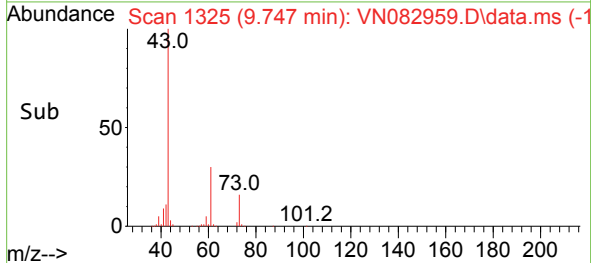
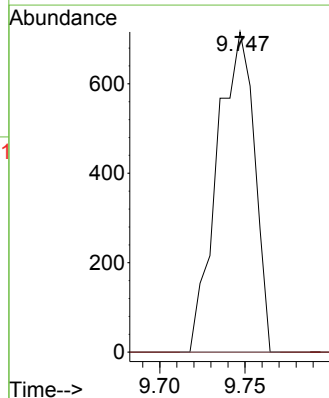
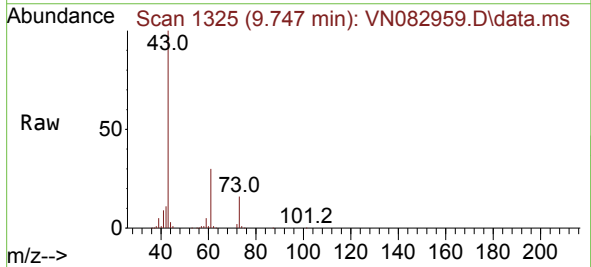
Instrument :
MSVOA_N
ClientSampleId :
WC-CTW2-BL-04RE

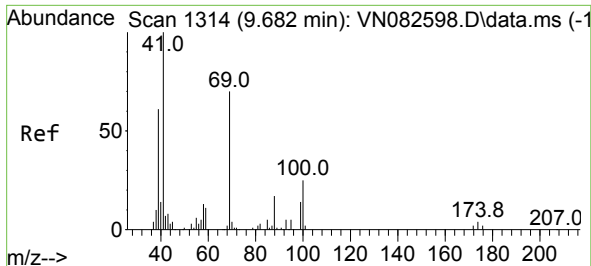
Tgt Ion: 43 Resp: 85016
Ion Ratio Lower Upper
43 100
61 16.5 17.8 26.6#
87 11.8 8.2 12.2



#45
1,2-Dichloropropane
Concen: 0.908 ug/l
RT: 9.747 min Scan# 1325
Delta R.T. 0.124 min
Lab File: VN082959.D
Acq: 17 Jul 2024 13:34

Tgt Ion: 63 Resp: 1092
Ion Ratio Lower Upper
63 100
65 0.0 24.4 36.6#

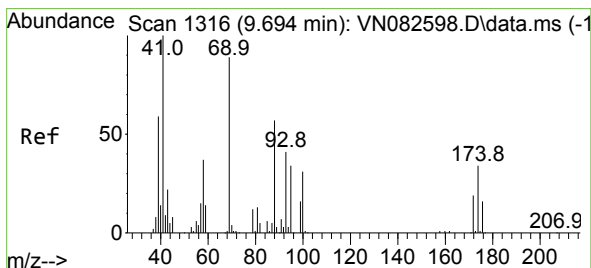
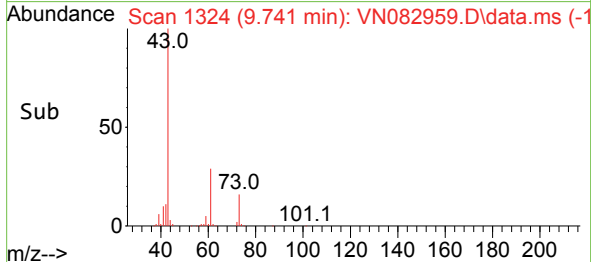
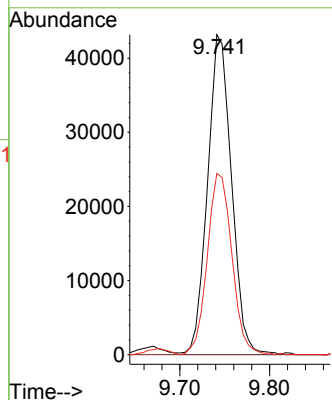
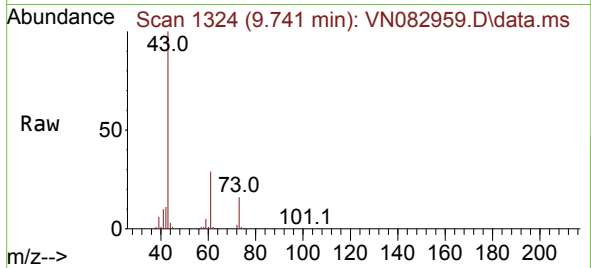




#48
Methyl methacrylate
Concen: 59.825 ug/l
RT: 9.741 min Scan# 1324
Delta R.T. 0.059 min
Lab File: VN082959.D
Acq: 17 Jul 2024 13:34

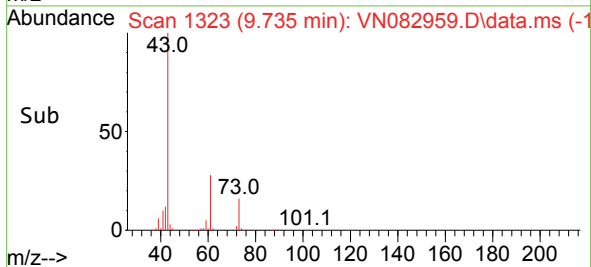
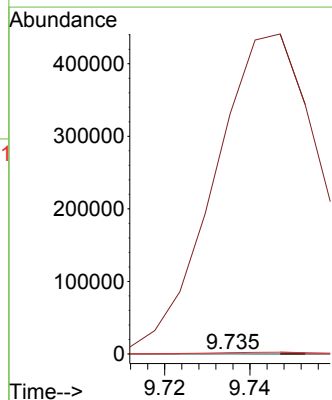
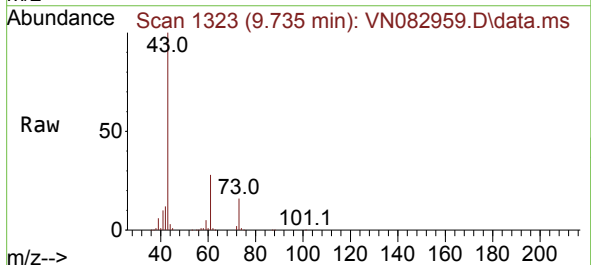
Instrument :
MSVOA_N
ClientSampleId :
WC-CTW2-BL-04RE

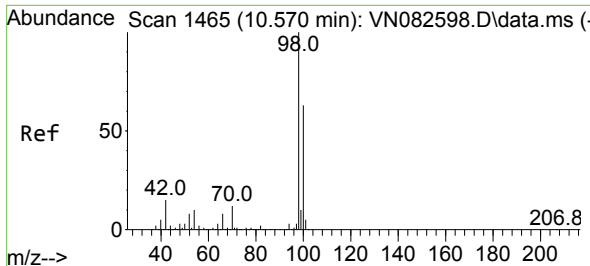
Tgt Ion: 41 Resp: 79982
Ion Ratio Lower Upper
41 100
69 0.0 56.3 84.5#
39 58.3 50.3 75.5



#49
1,4-Dioxane
Concen: 2.496 ug/l
RT: 9.735 min Scan# 1323
Delta R.T. 0.041 min
Lab File: VN082959.D
Acq: 17 Jul 2024 13:34

Tgt Ion: 88 Resp: 55
Ion Ratio Lower Upper
88 100
43 1447461.8 27.8 41.8#
58 7974.5 59.4 89.0#

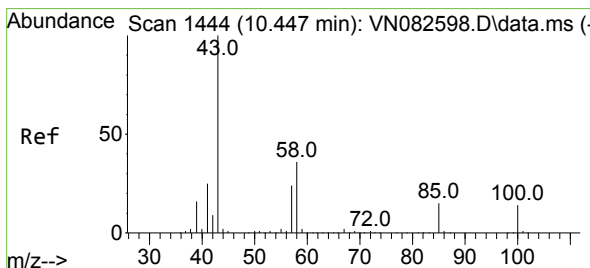
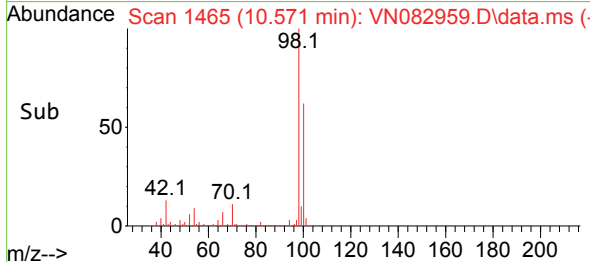
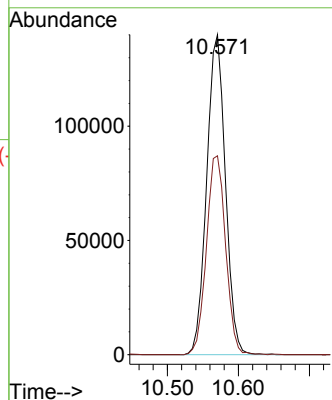
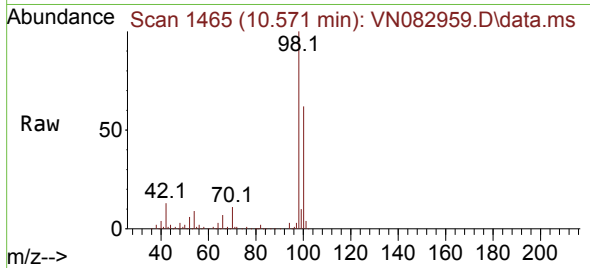




#50
Toluene-d8
Concen: 57.219 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082959.D
Acq: 17 Jul 2024 13:34

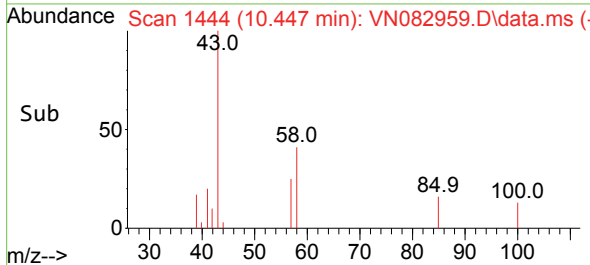
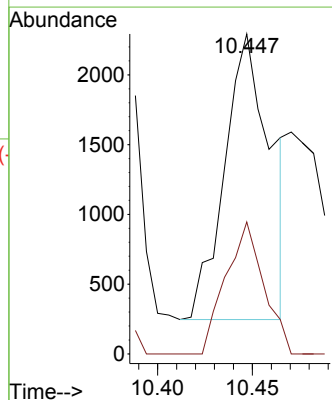
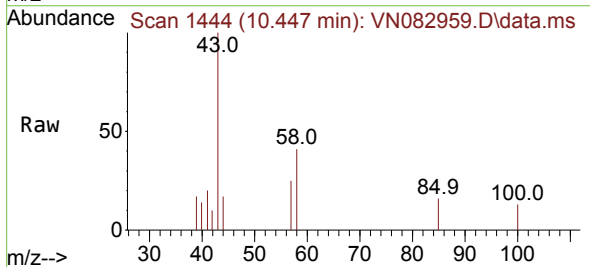
Instrument :
MSVOA_N
ClientSampleId :
WC-CTW2-BL-04RE

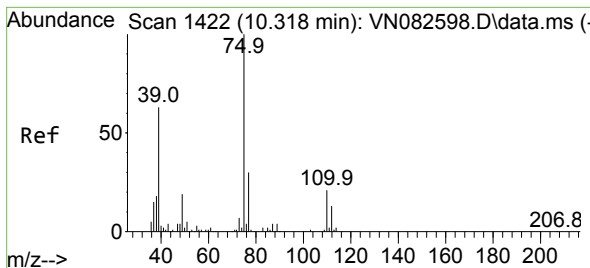
Tgt Ion: 98 Resp: 256709
Ion Ratio Lower Upper
98 100
100 63.7 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 2.034 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082959.D
Acq: 17 Jul 2024 13:34

Tgt Ion: 43 Resp: 3439
Ion Ratio Lower Upper
43 100
58 38.3 28.2 42.4

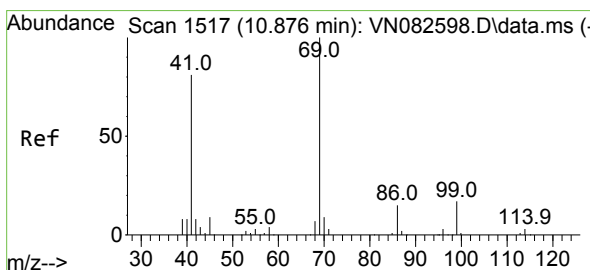
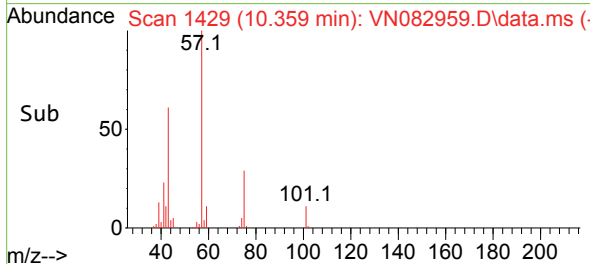
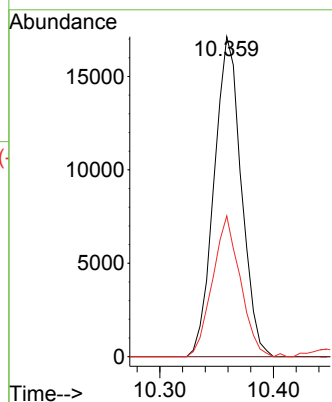
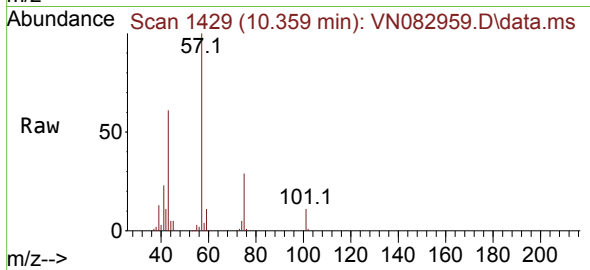




#54
cis-1,3-Dichloropropene
Concen: 13.501 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. 0.041 min
Lab File: VN082959.D
Acq: 17 Jul 2024 13:34

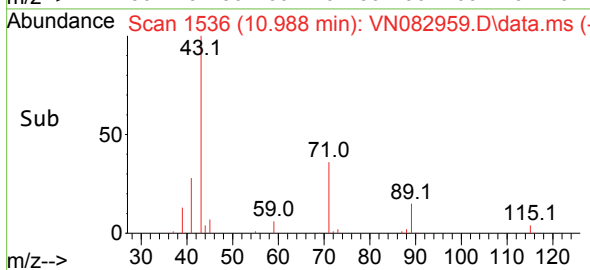
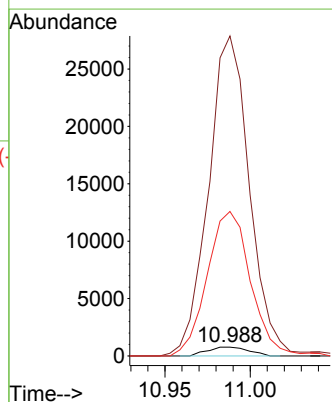
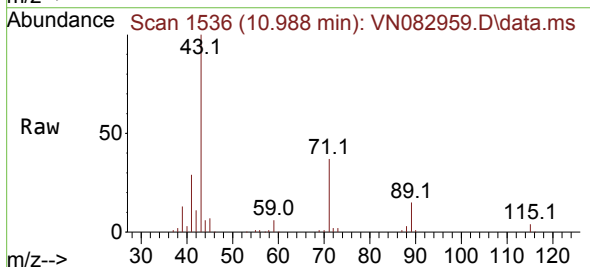
Instrument :
MSVOA_N
ClientSampleId :
WC-CTW2-BL-04RE

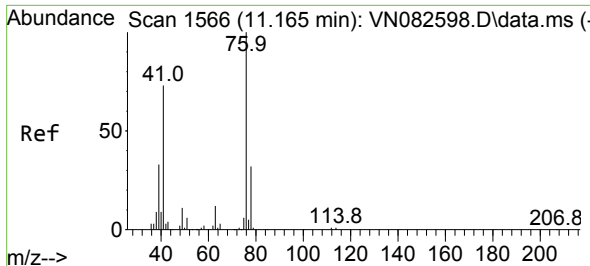
Tgt Ion: 75 Resp: 28501
Ion Ratio Lower Upper
75 100
77 0.0 24.3 36.5#
39 44.0 50.5 75.7#



#56
Ethyl methacrylate
Concen: 0.709 ug/l
RT: 10.988 min Scan# 1536
Delta R.T. 0.112 min
Lab File: VN082959.D
Acq: 17 Jul 2024 13:34

Tgt Ion: 69 Resp: 1305
Ion Ratio Lower Upper
69 100
41 3592.1 63.4 95.2#
39 1712.6 37.4 56.0#

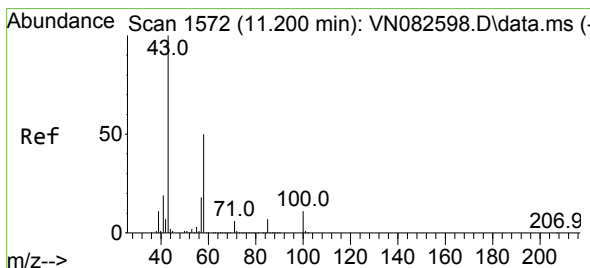
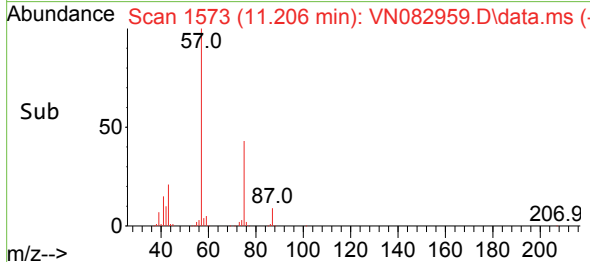
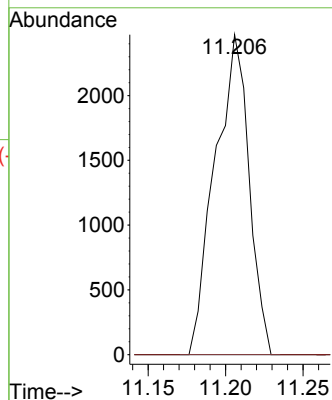
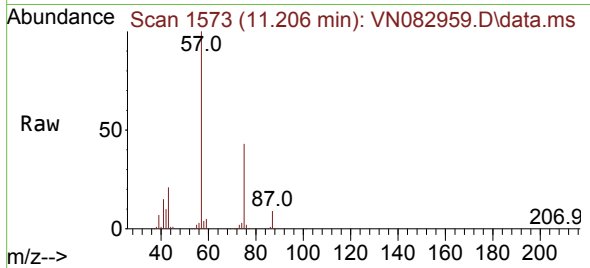




#57
1,3-Dichloropropane
Concen: 1.794 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.041 min
Lab File: VN082959.D
Acq: 17 Jul 2024 13:34

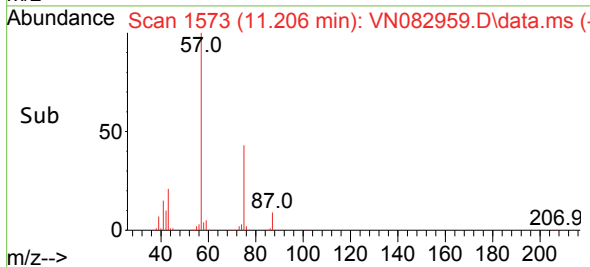
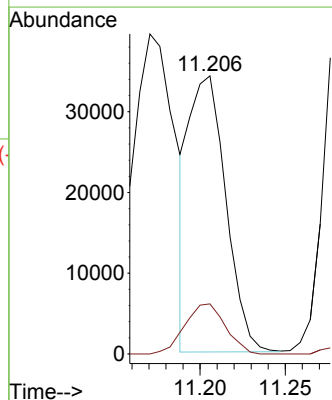
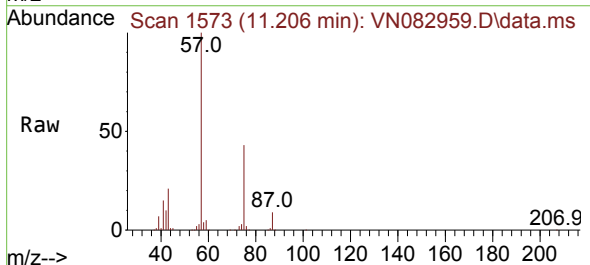
Instrument :
MSVOA_N
ClientSampleId :
WC-CTW2-BL-04RE

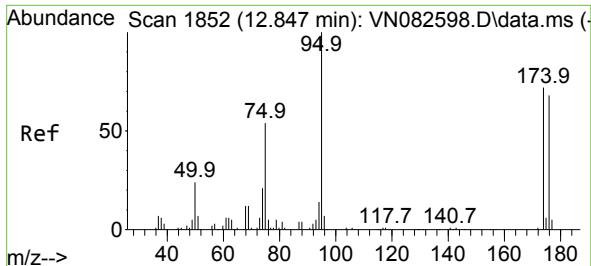
Tgt Ion: 76 Resp: 3758
Ion Ratio Lower Upper
76 100
78 0.0 25.6 38.4#



#59
2-Hexanone
Concen: 41.015 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.006 min
Lab File: VN082959.D
Acq: 17 Jul 2024 13:34

Tgt Ion: 43 Resp: 51545
Ion Ratio Lower Upper
43 100
58 20.0 24.6 73.8#

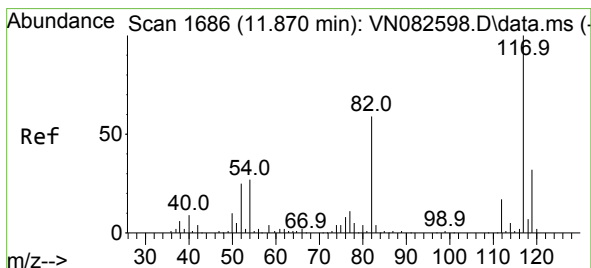
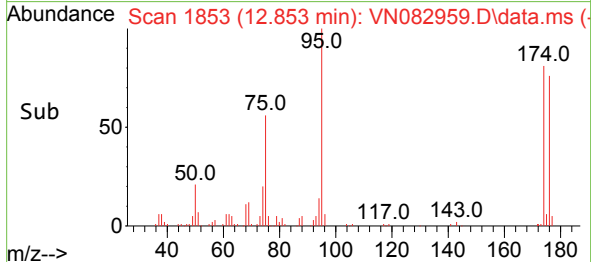
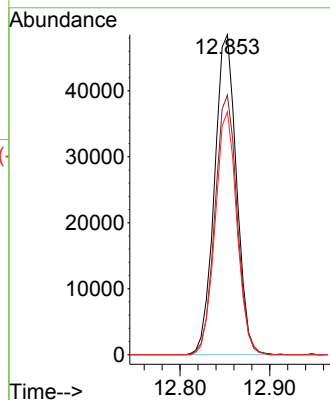
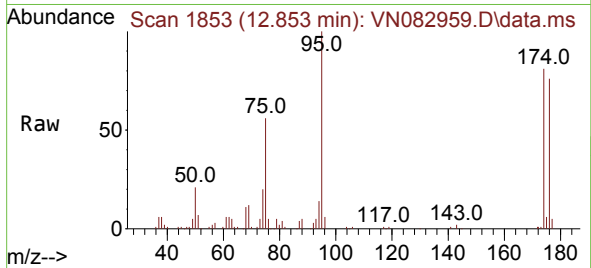




#62
4-Bromofluorobenzene
Concen: 51.211 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082959.D
Acq: 17 Jul 2024 13:34

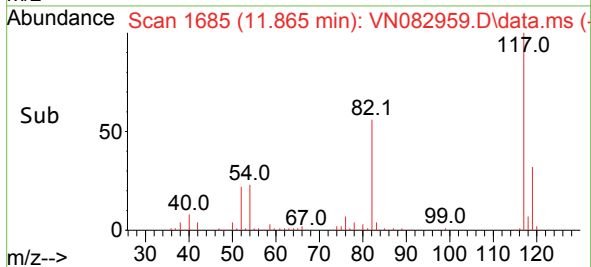
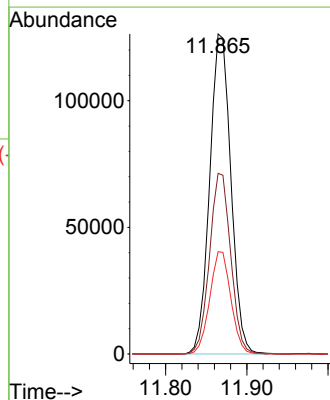
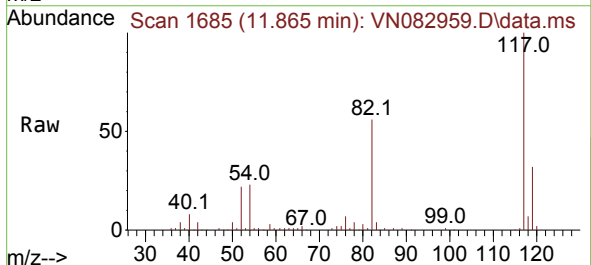
Instrument :
MSVOA_N
ClientSampleId :
WC-CTW2-BL-04RE

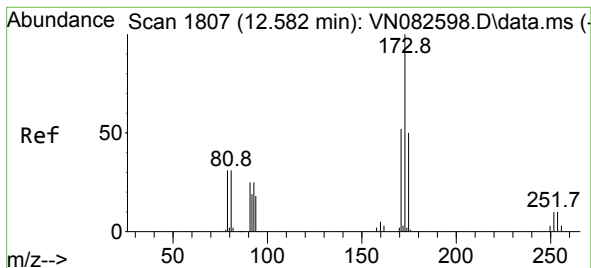
Tgt Ion: 95 Resp: 82530
Ion Ratio Lower Upper
95 100
174 81.6 0.0 159.2
176 74.9 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.005 min
Lab File: VN082959.D
Acq: 17 Jul 2024 13:34

Tgt Ion: 117 Resp: 229260
Ion Ratio Lower Upper
117 100
82 56.4 47.5 71.3
119 32.0 25.6 38.4





#71

Bromoform

Concen: 0.648 ug/l

RT: 12.853 min Scan# 1807

Delta R.T. 0.271 min

Lab File: VN082959.D

Acq: 17 Jul 2024 13:34

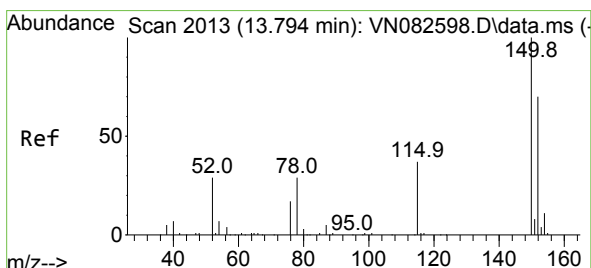
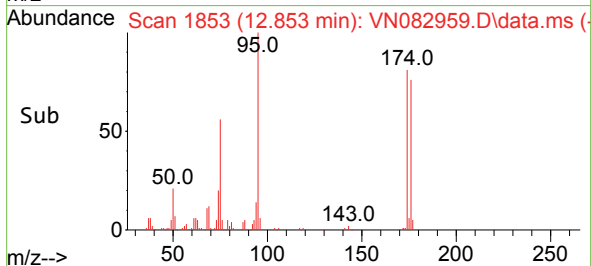
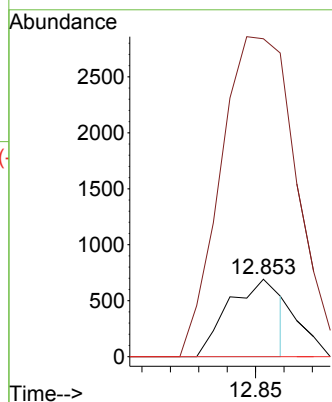
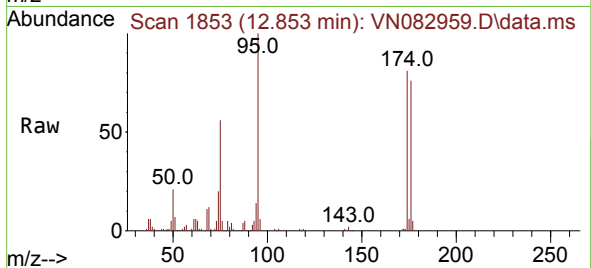
Instrument :

MSVOA_N

ClientSampleId :

WC-CTW2-BL-04RE

Tgt Ion:173	Resp:	890
Ion Ratio	Lower	Upper
173	100	
175	490.6	24.0 72.0#
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

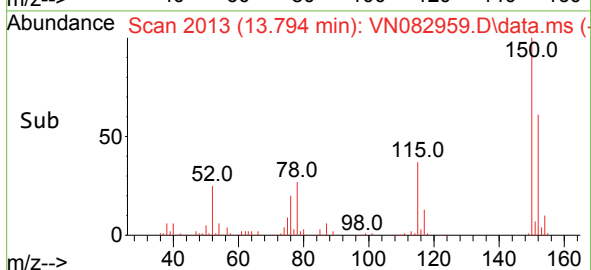
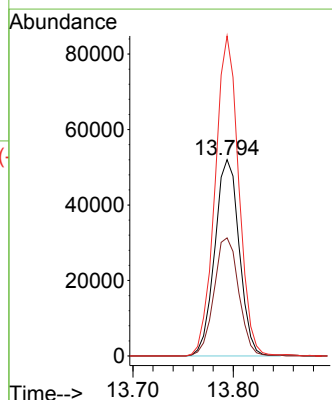
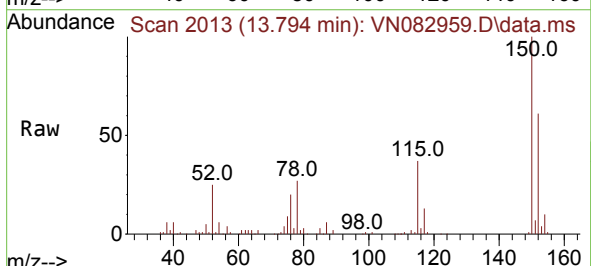
RT: 13.794 min Scan# 2013

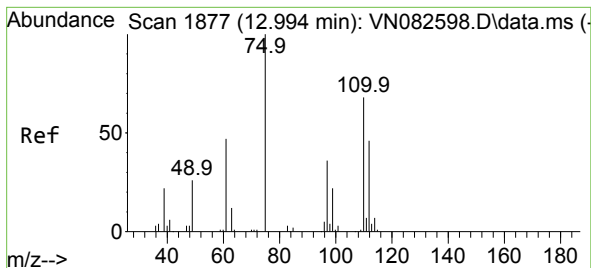
Delta R.T. -0.000 min

Lab File: VN082959.D

Acq: 17 Jul 2024 13:34

Tgt Ion:152	Resp:	88084
Ion Ratio	Lower	Upper
152	100	
115	60.9	30.6 91.6
150	157.7	0.0 348.6





#76

1,2,3-Trichloropropane

Concen: 30.205 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN082959.D

Acq: 17 Jul 2024 13:34

Instrument :

MSVOA_N

ClientSampleId :

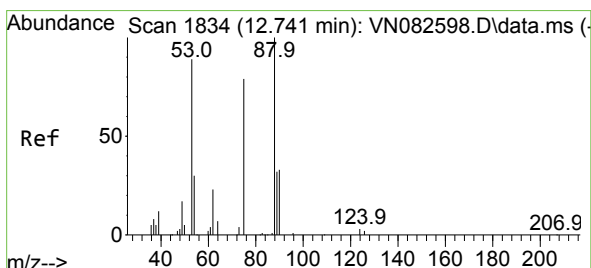
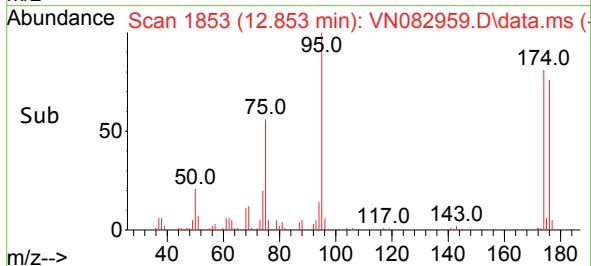
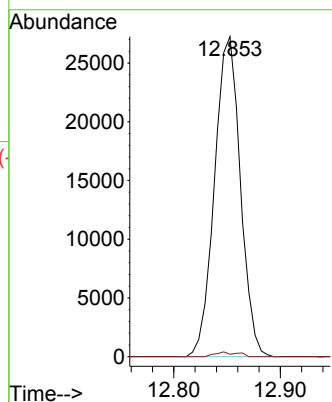
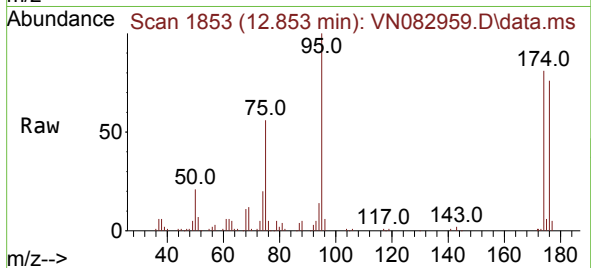
WC-CTW2-BL-04RE

Tgt Ion: 75 Resp: 45870

Ion Ratio Lower Upper

75 100

77 1.3 110.9 332.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 59.405 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN082959.D

Acq: 17 Jul 2024 13:34

Tgt Ion: 75 Resp: 45870

Ion Ratio Lower Upper

75 100

53 0.0 88.4 132.6#

89 0.0 36.3 54.5#

