

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071624\
 Data File : VN082944.D
 Acq On : 16 Jul 2024 18:50
 Operator : JC\MD
 Sample : P3246-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-CTW2-BL-03

Quant Time: Jul 17 00:59:58 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)

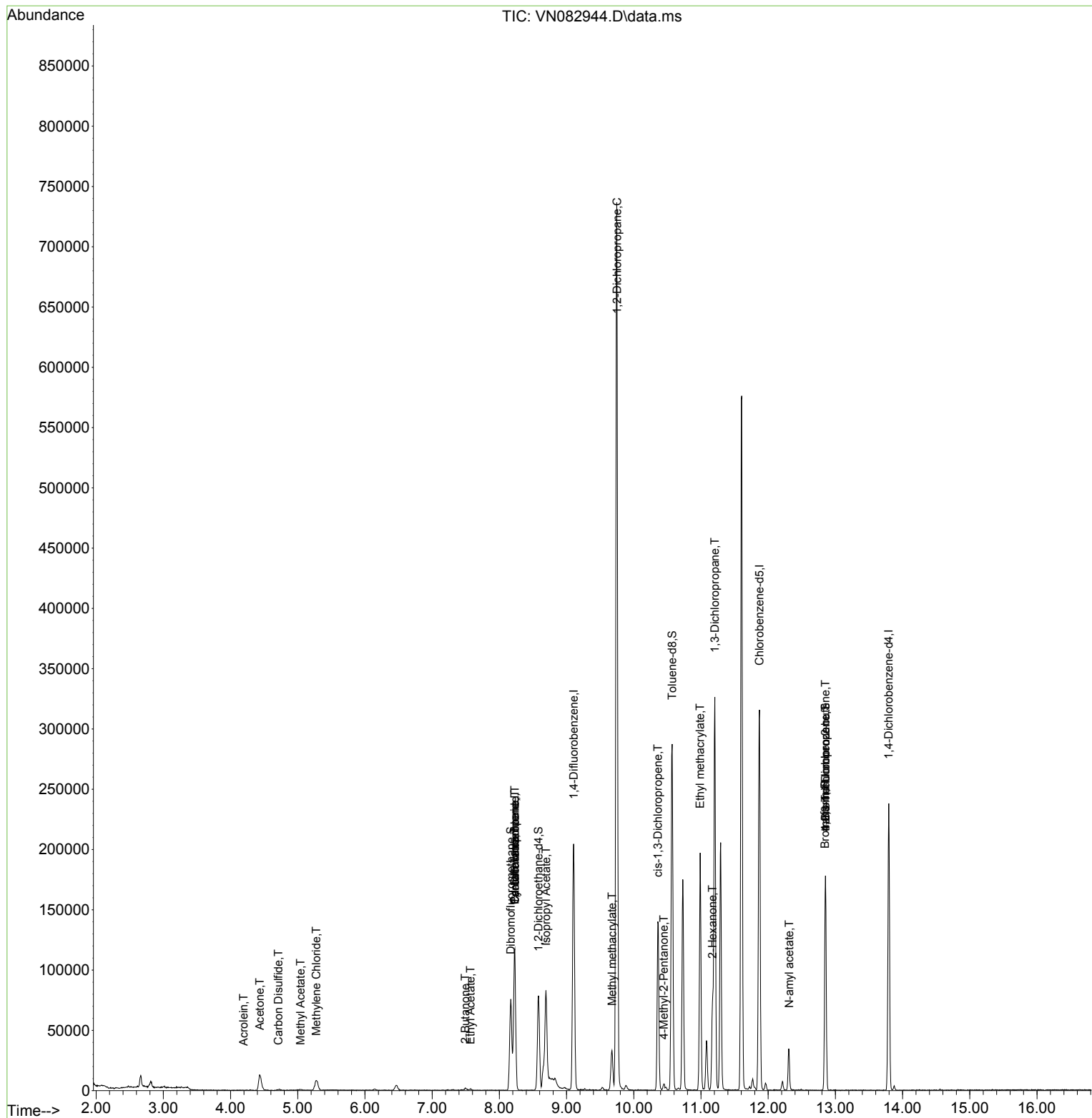
Internal Standards						
1) Pentafluorobenzene	8.230	168	80166	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	172746	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	182215	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	62301	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	64875	57.730	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	115.460%
35) Dibromofluoromethane	8.171	113	51778	46.711	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.420%
50) Toluene-d8	10.571	98	197356	48.205	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.400%
62) 4-Bromofluorobenzene	12.853	95	56945	38.721	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	77.440%
Target Compounds						
					Qvalue	
13) Acrolein	4.195	56	55	0.403	ug/l #	14
16) Acetone	4.436	43	24988	63.157	ug/l	93
17) Carbon Disulfide	4.712	76	1299	0.531	ug/l #	75
18) Methyl Acetate	5.042	43	1185	1.132	ug/l #	56
20) Methylene Chloride	5.277	84	7115	7.446	ug/l #	81
25) 2-Butanone	7.494	43	3132	5.243	ug/l #	64
31) Cyclohexane	8.230	56	2188	1.489	ug/l #	25
36) 1,1-Dichloropropene	8.230	75	7116	4.656	ug/l #	50
37) Ethyl Acetate	7.571	43	2009	1.291	ug/l #	72
38) Carbon Tetrachloride	8.230	117	8855	4.812	ug/l #	17
43) Isopropyl Acetate	8.694	43	111865	37.380	ug/l #	86
45) 1,2-Dichloropropane	9.753	63	732	0.667	ug/l #	44
48) Methyl methacrylate	9.677	41	2173	1.781	ug/l #	53
51) 4-Methyl-2-Pentanone	10.447	43	3541	2.296	ug/l	97
54) cis-1,3-Dichloropropene	10.359	75	24345	12.637	ug/l #	59
56) Ethyl methacrylate	10.988	69	1147	0.683	ug/l #	1
57) 1,3-Dichloropropane	11.206	76	3167	1.657	ug/l #	43
59) 2-Hexanone	11.171	43	54588	47.599	ug/l #	28
71) Bromoform	12.847	173	362	0.331	ug/l #	1
74) N-amyl acetate	12.312	43	10017	5.349	ug/l #	56
76) 1,2,3-Trichloropropane	12.853	75	32130	29.913	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	32130	58.831	ug/l #	6

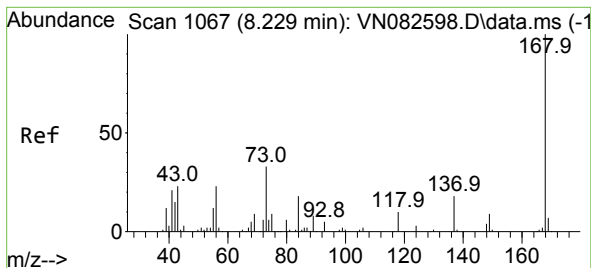
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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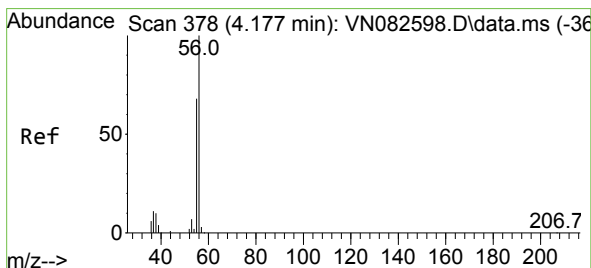
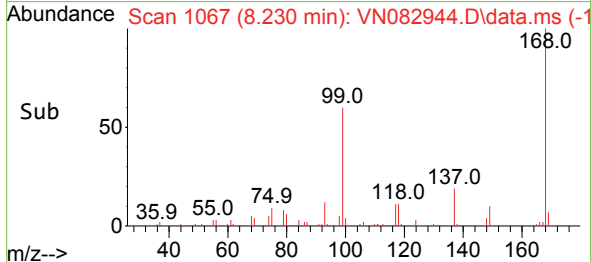
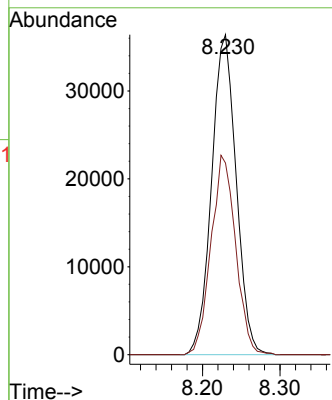
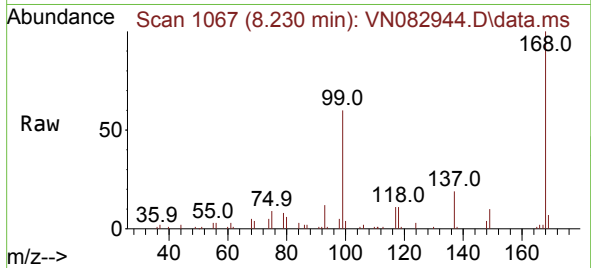




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082944.D
Acq: 16 Jul 2024 18:50

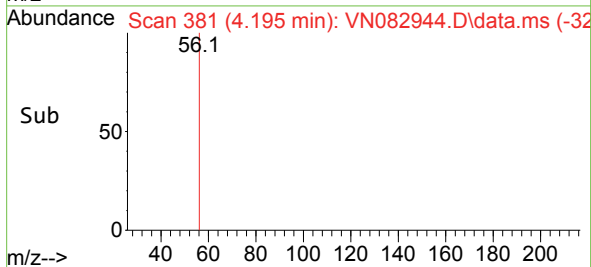
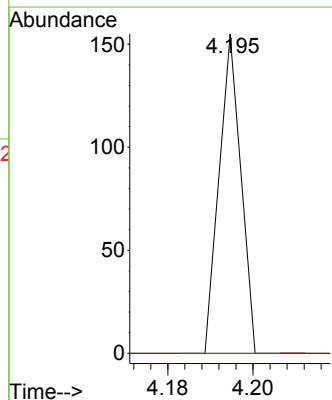
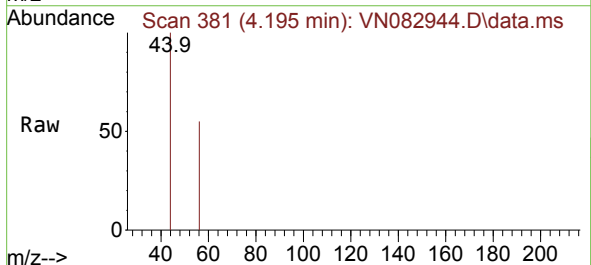
Instrument :
MSVOA_N
ClientSampleId :
WC-CTW2-BL-03

Tgt Ion:168 Resp: 80166
Ion Ratio Lower Upper
168 100
99 59.9 48.2 72.4



#13
Acrolein
Concen: 0.403 ug/l
RT: 4.195 min Scan# 381
Delta R.T. 0.018 min
Lab File: VN082944.D
Acq: 16 Jul 2024 18:50

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





#16

Acetone

Concen: 63.157 ug/l

RT: 4.436 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN082944.D

Acq: 16 Jul 2024 18:50

Instrument :

MSVOA_N

ClientSampleId :

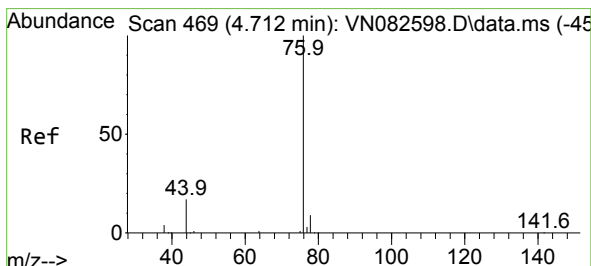
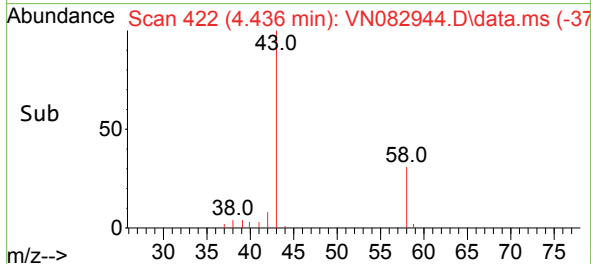
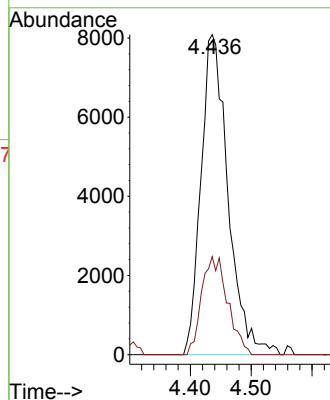
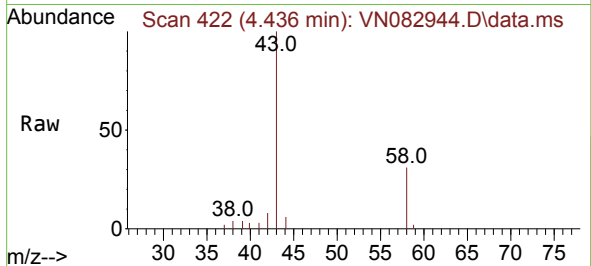
WC-CTW2-BL-03

Tgt Ion: 43 Resp: 24988

Ion Ratio Lower Upper

43 100

58 30.7 21.8 32.6



#17

Carbon Disulfide

Concen: 0.531 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.000 min

Lab File: VN082944.D

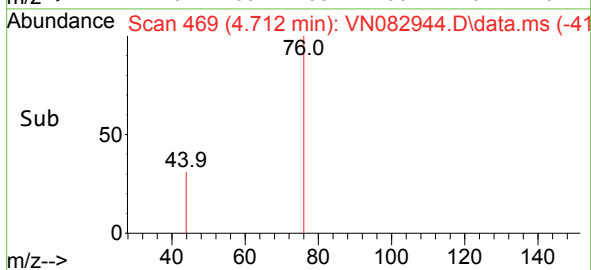
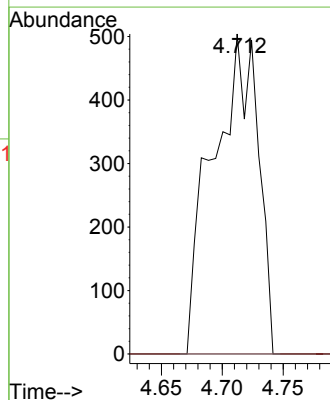
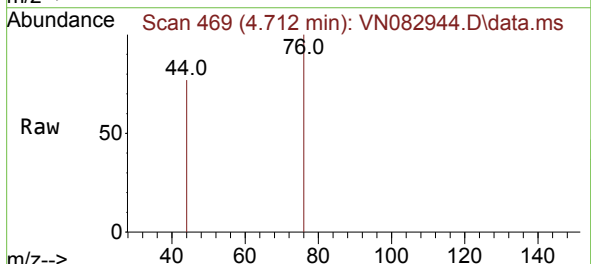
Acq: 16 Jul 2024 18:50

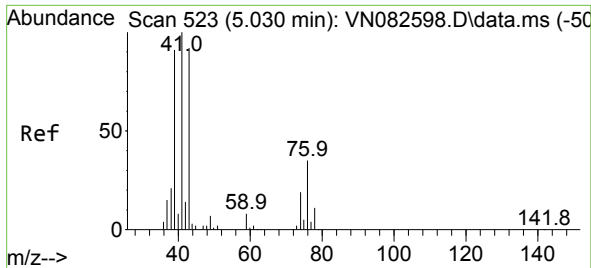
Tgt Ion: 76 Resp: 1299

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#





#18

Methyl Acetate

Concen: 1.132 ug/l

RT: 5.042 min Scan# 51

Delta R.T. 0.012 min

Lab File: VN082944.D

Acq: 16 Jul 2024 18:50

Instrument :

MSVOA_N

ClientSampleId :

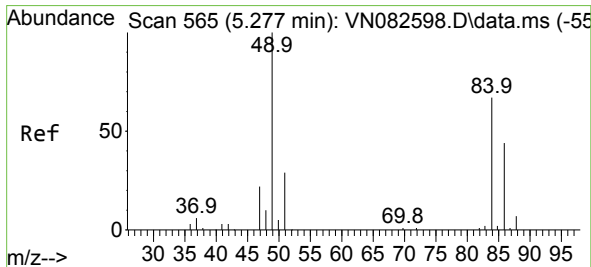
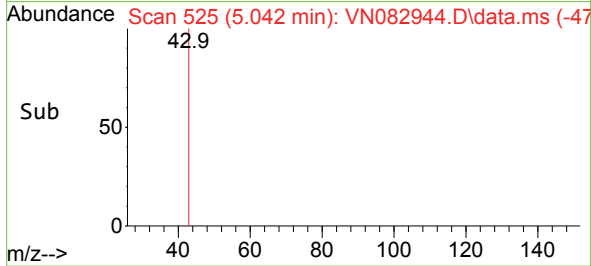
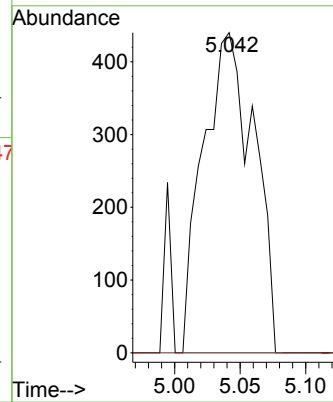
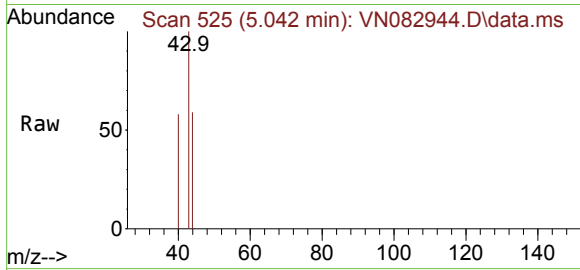
WC-CTW2-BL-03

Tgt Ion: 43 Resp: 1185

Ion Ratio Lower Upper

43 100

74 0.0 16.3 24.5#



#20

Methylene Chloride

Concen: 7.446 ug/l

RT: 5.277 min Scan# 565

Delta R.T. -0.000 min

Lab File: VN082944.D

Acq: 16 Jul 2024 18:50

Tgt Ion: 84 Resp: 7115

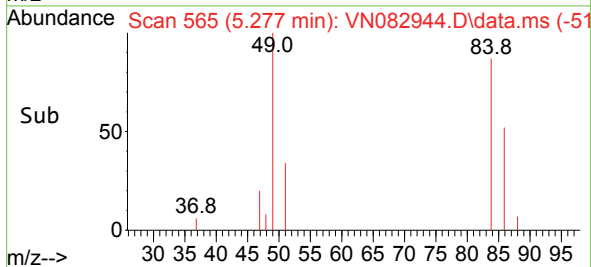
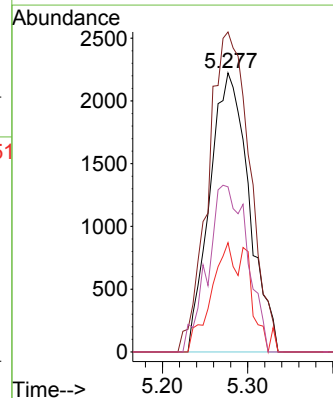
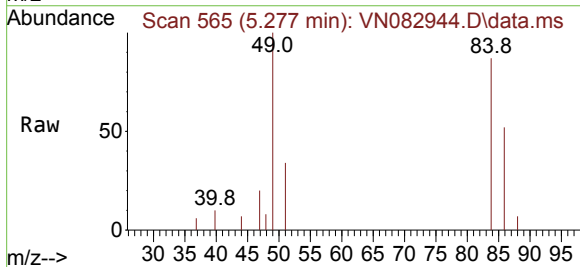
Ion Ratio Lower Upper

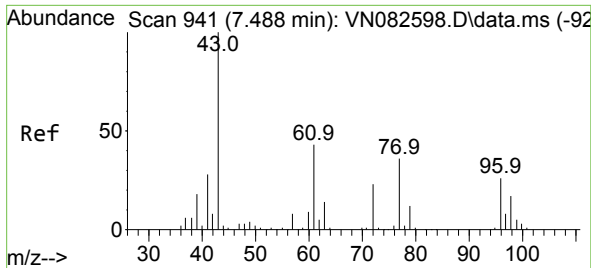
84 100

49 114.7 119.6 179.4#

51 39.1 34.8 52.2

86 59.1 52.9 79.3

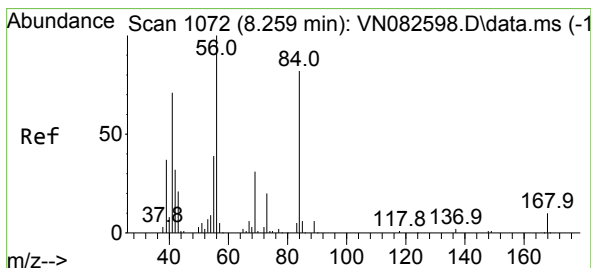
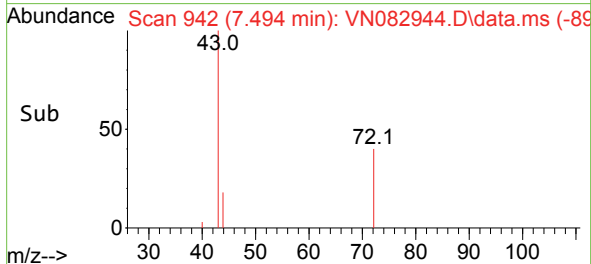
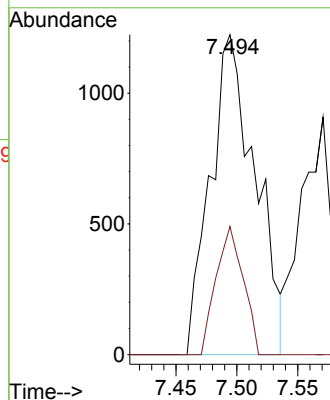
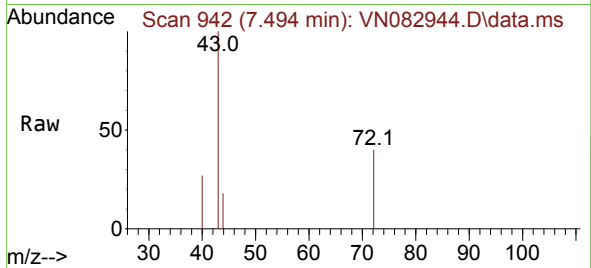




#25
2-Butanone
Concen: 5.243 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN082944.D
Acq: 16 Jul 2024 18:50

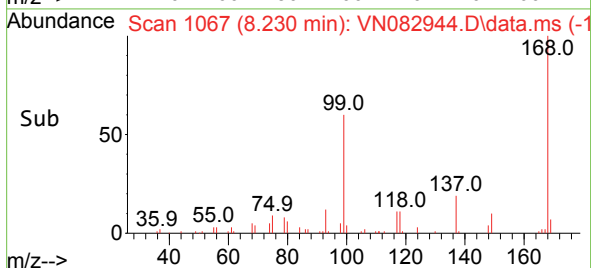
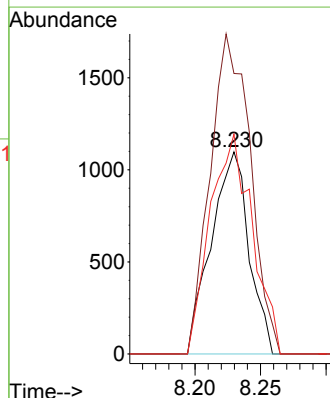
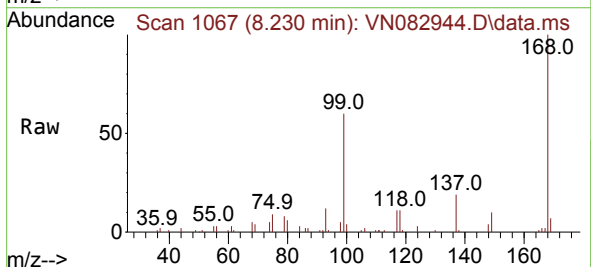
Instrument :
MSVOA_N
ClientSampleId :
WC-CTW2-BL-03

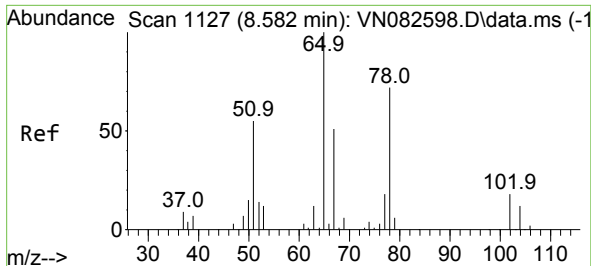
Tgt Ion: 43 Resp: 3132
Ion Ratio Lower Upper
43 100
72 40.0 18.2 27.2#



#31
Cyclohexane
Concen: 1.489 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN082944.D
Acq: 16 Jul 2024 18:50

Tgt Ion: 56 Resp: 2188
Ion Ratio Lower Upper
56 100
69 138.7 24.5 36.7#
84 108.7 66.0 99.0#





#33

1,2-Dichloroethane-d4

Concen: 57.730 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.001 min

Lab File: VN082944.D

Acq: 16 Jul 2024 18:50

Instrument :

MSVOA_N

ClientSampleId :

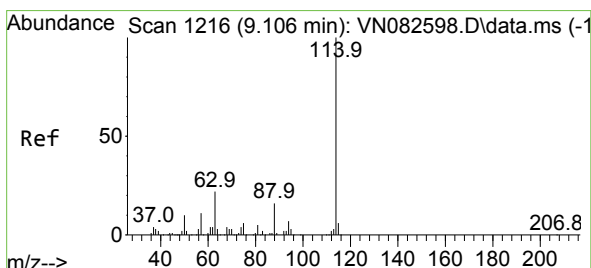
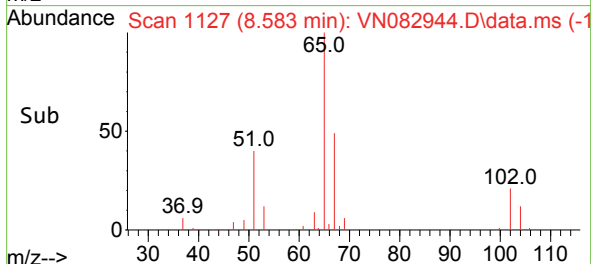
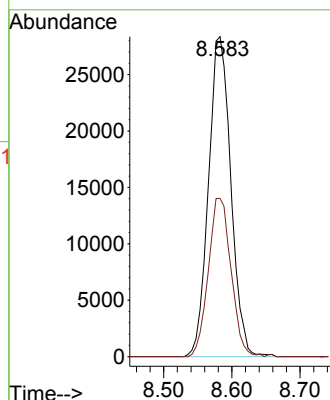
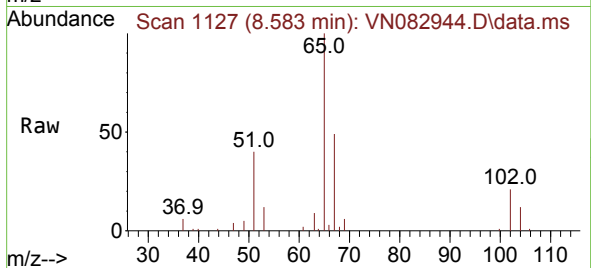
WC-CTW2-BL-03

Tgt Ion: 65 Resp: 64875

Ion Ratio Lower Upper

65 100

67 50.2 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: VN082944.D

Acq: 16 Jul 2024 18:50

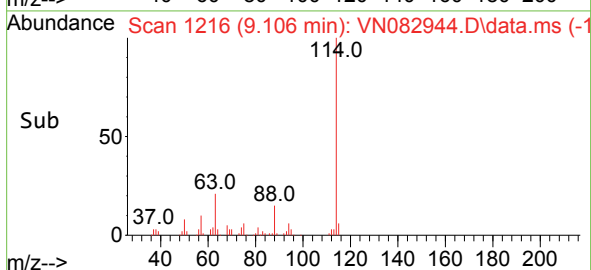
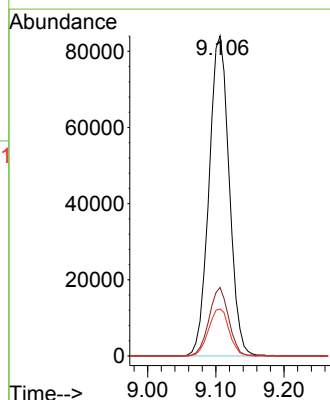
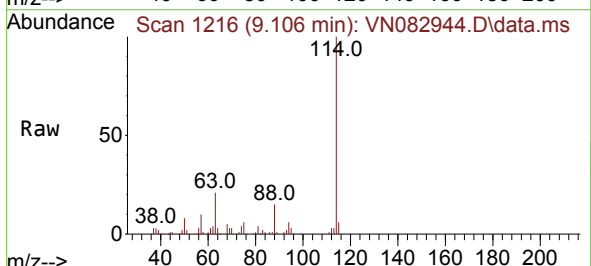
Tgt Ion: 114 Resp: 172746

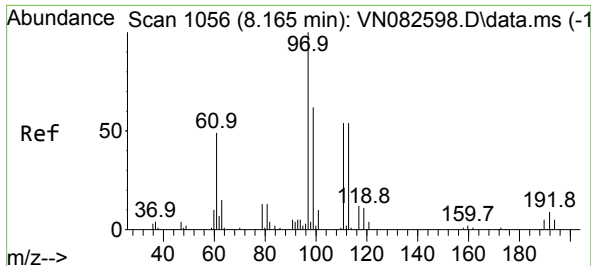
Ion Ratio Lower Upper

114 100

63 21.4 0.0 44.6

88 14.7 0.0 31.4





#35

Dibromofluoromethane

Concen: 46.711 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082944.D

Acq: 16 Jul 2024 18:50

Instrument :

MSVOA_N

ClientSampleId :

WC-CTW2-BL-03

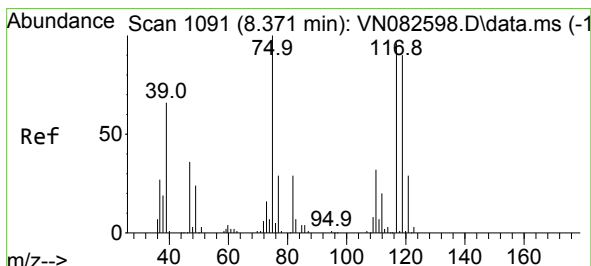
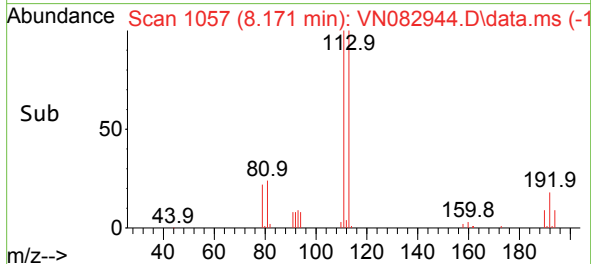
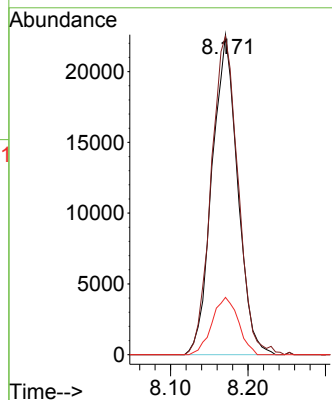
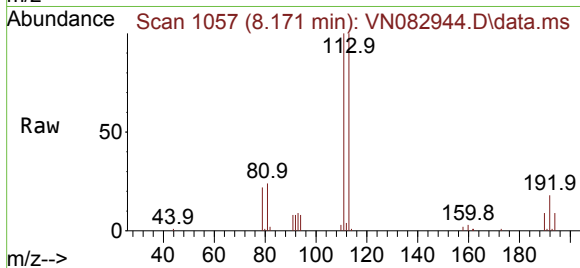
Tgt Ion:113 Resp: 51778

Ion Ratio Lower Upper

113 100

111 104.7 82.4 123.6

192 18.4 14.9 22.3



#36

1,1-Dichloropropene

Concen: 4.656 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

Lab File: VN082944.D

Acq: 16 Jul 2024 18:50

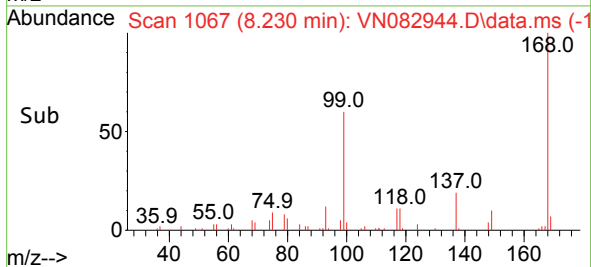
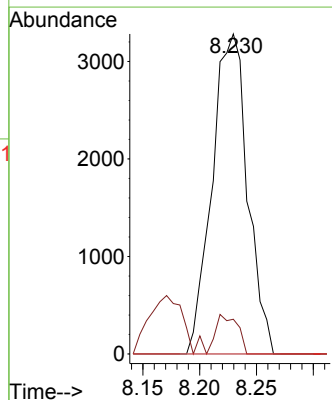
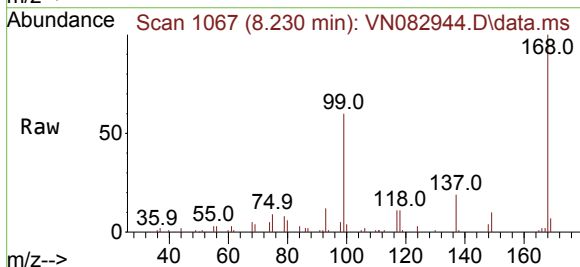
Tgt Ion: 75 Resp: 7116

Ion Ratio Lower Upper

75 100

110 7.6 16.3 48.9#

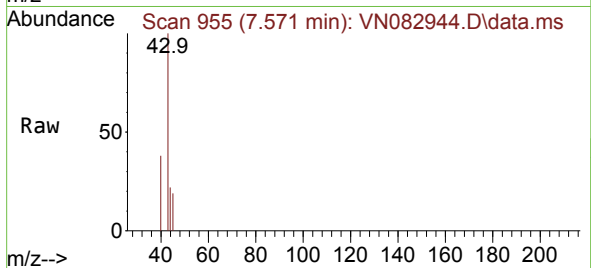
77 0.0 24.6 37.0#



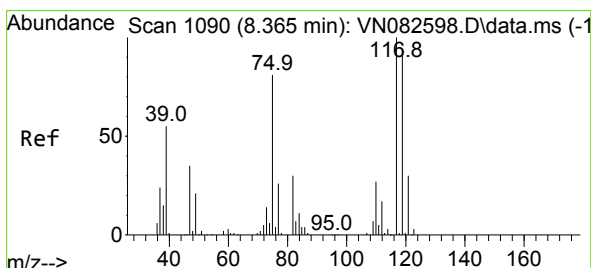
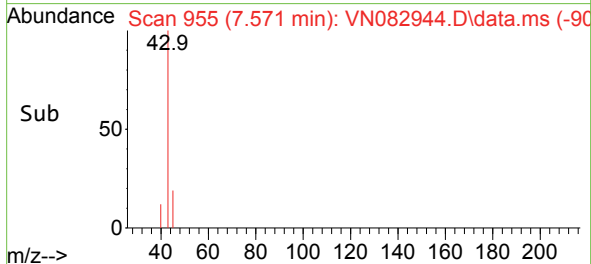
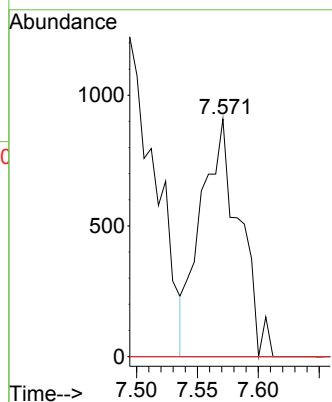


#37
Ethyl Acetate
Concen: 1.291 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN082944.D
Acq: 16 Jul 2024 18:50

Instrument :
MSVOA_N
ClientSampleId :
WC-CTW2-BL-03

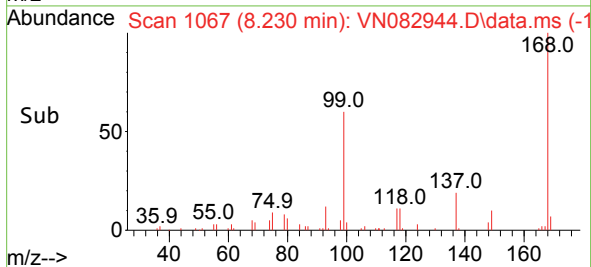
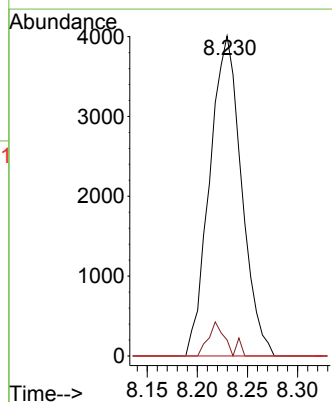
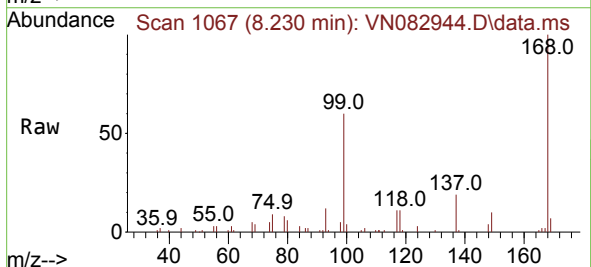


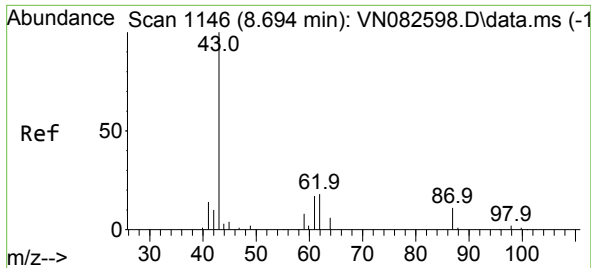
Tgt Ion: 43 Resp: 2009
Ion Ratio Lower Upper
43 100
61 0.0 9.3 13.9#
70 0.0 7.0 10.6#



#38
Carbon Tetrachloride
Concen: 4.812 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.135 min
Lab File: VN082944.D
Acq: 16 Jul 2024 18:50

Tgt Ion: 117 Resp: 8855
Ion Ratio Lower Upper
117 100
119 5.0 74.9 112.3#
121 0.0 24.3 36.5#

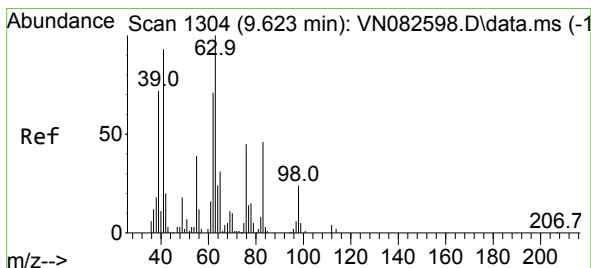
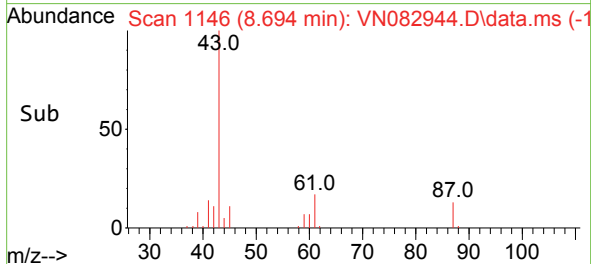
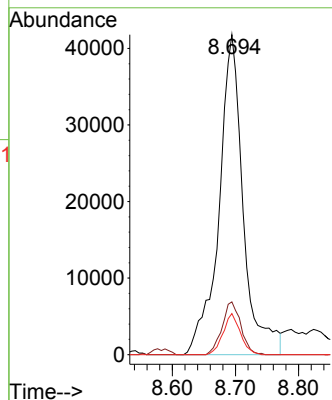
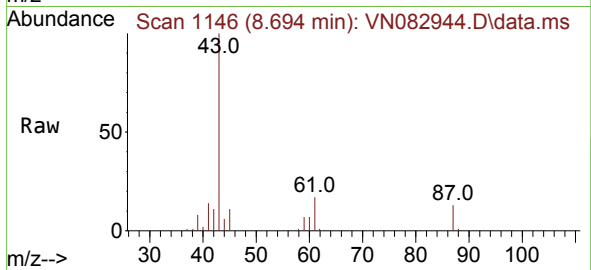




#43
Isopropyl Acetate
Concen: 37.380 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN082944.D
Acq: 16 Jul 2024 18:50

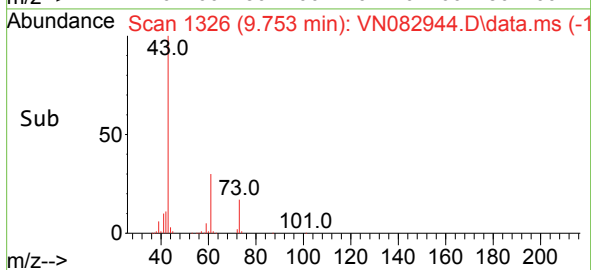
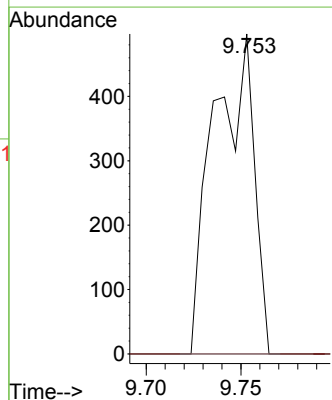
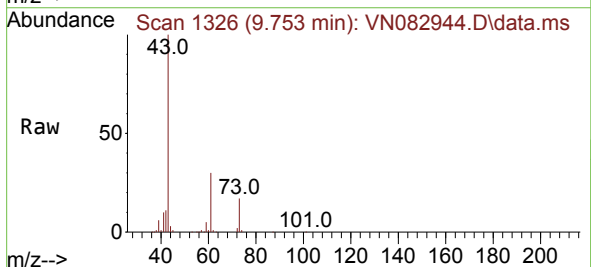
Instrument :
MSVOA_N
ClientSampleId :
WC-CTW2-BL-03

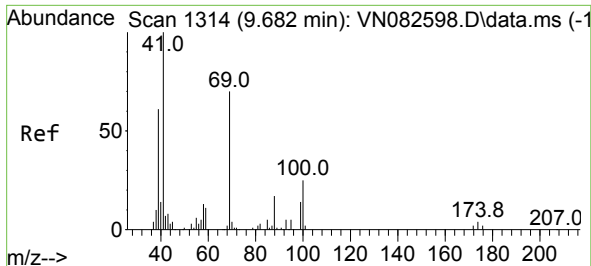
Tgt Ion: 43 Resp: 111865
Ion Ratio Lower Upper
43 100
61 12.8 17.8 26.6#
87 9.1 8.2 12.2



#45
1,2-Dichloropropane
Concen: 0.667 ug/l
RT: 9.753 min Scan# 1326
Delta R.T. 0.130 min
Lab File: VN082944.D
Acq: 16 Jul 2024 18:50

Tgt Ion: 63 Resp: 732
Ion Ratio Lower Upper
63 100
65 0.0 24.4 36.6#

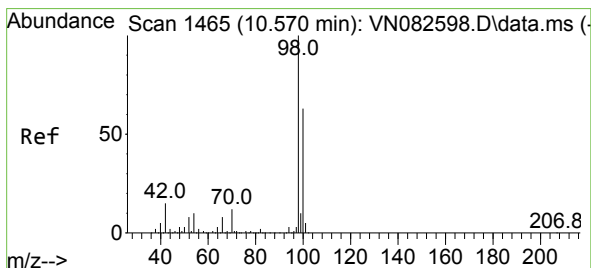
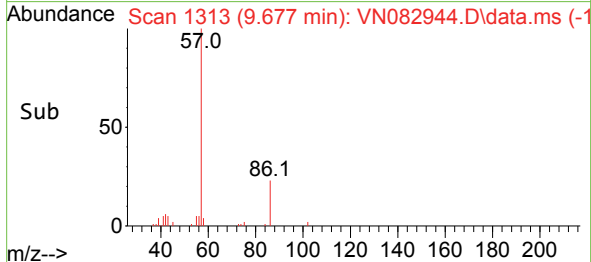
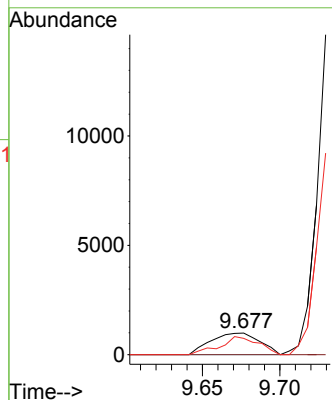
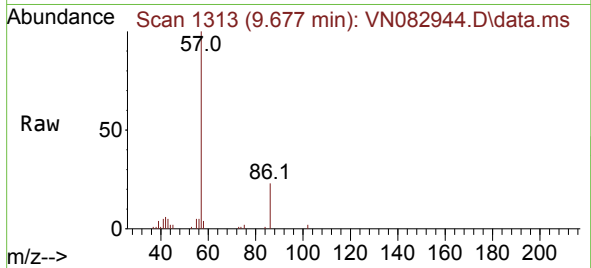




#48
Methyl methacrylate
Concen: 1.781 ug/l
RT: 9.677 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN082944.D
Acq: 16 Jul 2024 18:50

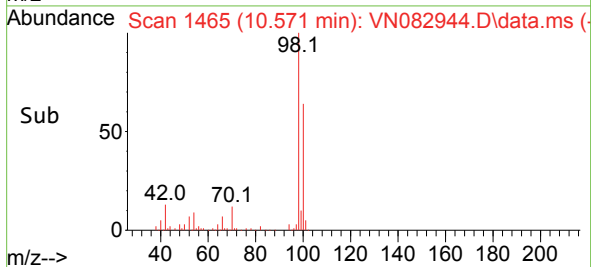
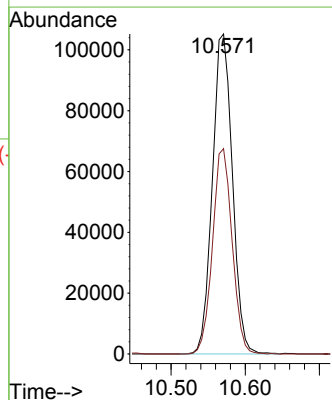
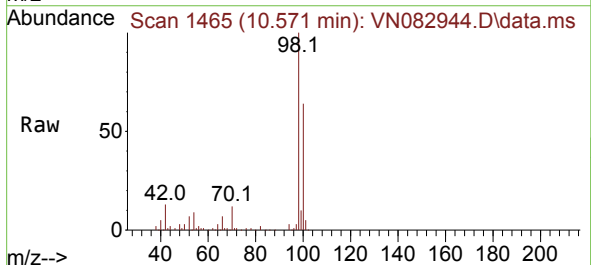
Instrument :
MSVOA_N
ClientSampleId :
WC-CTW2-BL-03

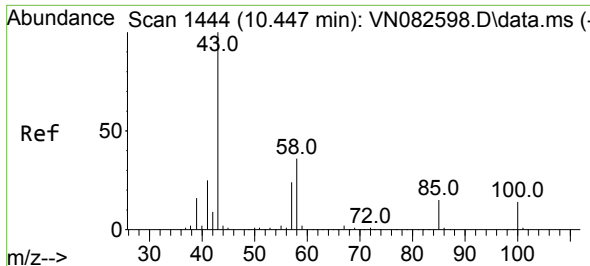
Tgt Ion: 41 Resp: 2173
Ion Ratio Lower Upper
41 100
69 0.0 56.3 84.5#
39 65.9 50.3 75.5



#50
Toluene-d8
Concen: 48.205 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082944.D
Acq: 16 Jul 2024 18:50

Tgt Ion: 98 Resp: 197356
Ion Ratio Lower Upper
98 100
100 62.9 51.5 77.3

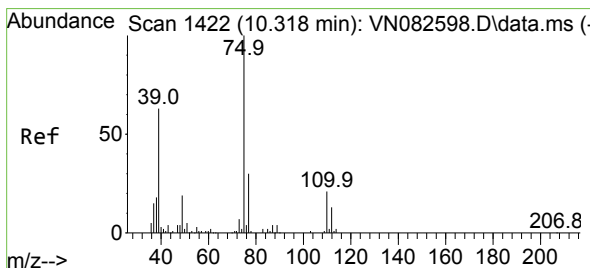
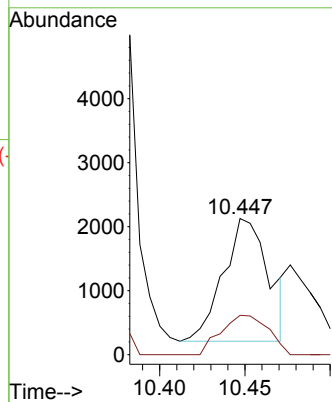
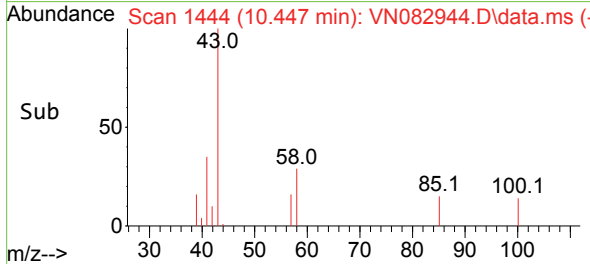
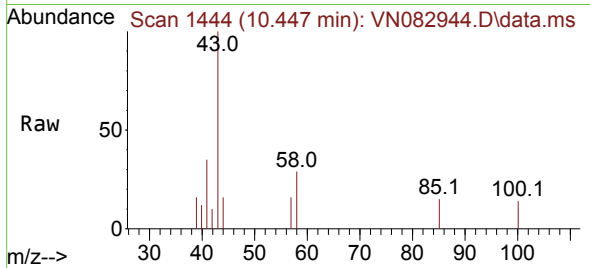




#51
4-Methyl-2-Pentanone
Concen: 2.296 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082944.D
Acq: 16 Jul 2024 18:50

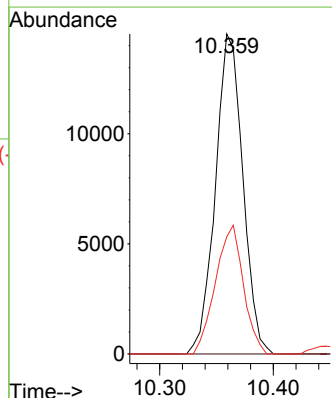
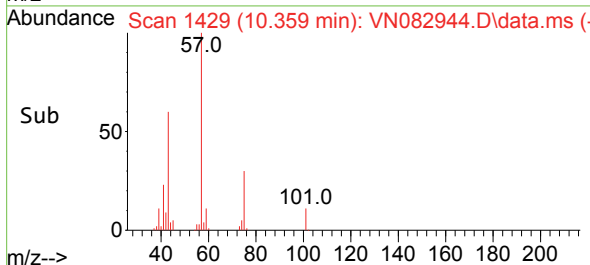
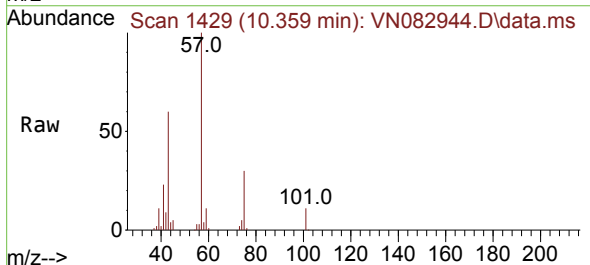
Instrument :
MSVOA_N
ClientSampleId :
WC-CTW2-BL-03

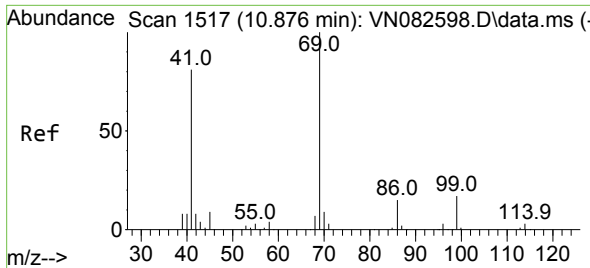
Tgt Ion: 43 Resp: 3541
Ion Ratio Lower Upper
43 100
58 33.6 28.2 42.4



#54
cis-1,3-Dichloropropene
Concen: 12.637 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. 0.041 min
Lab File: VN082944.D
Acq: 16 Jul 2024 18:50

Tgt Ion: 75 Resp: 24345
Ion Ratio Lower Upper
75 100
77 0.0 24.3 36.5#
39 36.6 50.5 75.7#

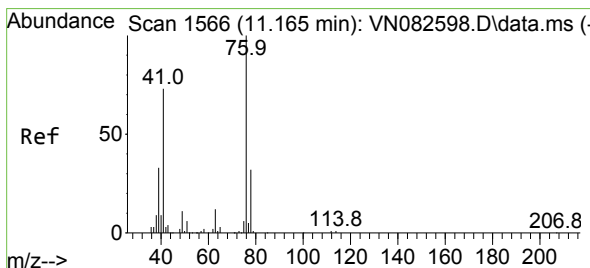
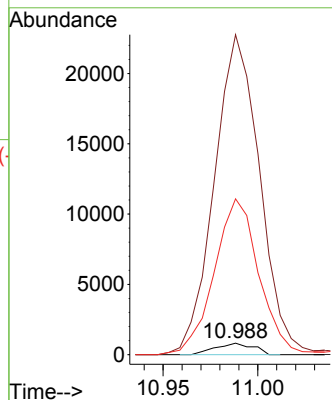
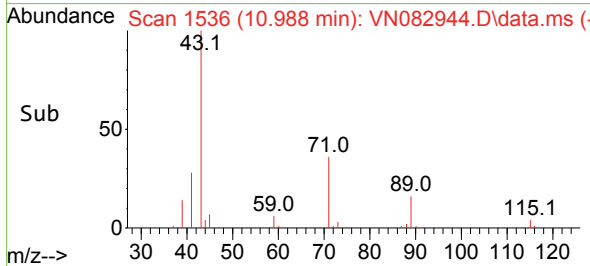
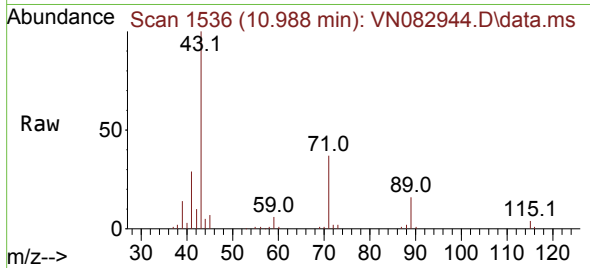




#56
Ethyl methacrylate
Concen: 0.683 ug/l
RT: 10.988 min Scan# 1147
Delta R.T. 0.112 min
Lab File: VN082944.D
Acq: 16 Jul 2024 18:50

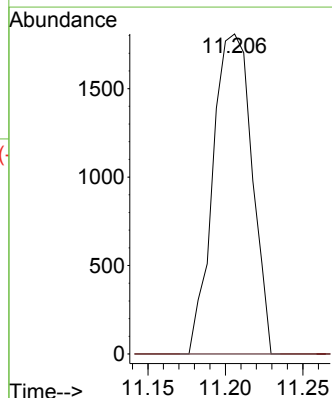
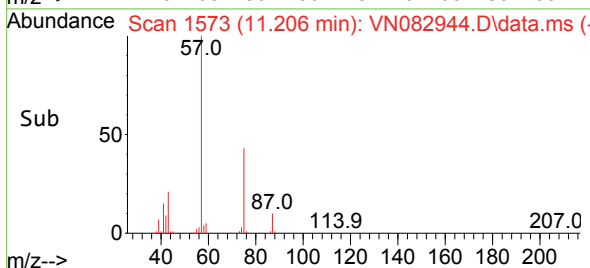
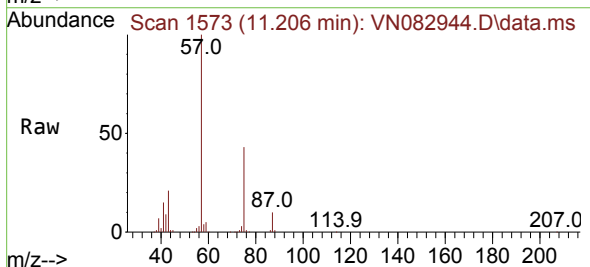
Instrument :
MSVOA_N
ClientSampleId :
WC-CTW2-BL-03

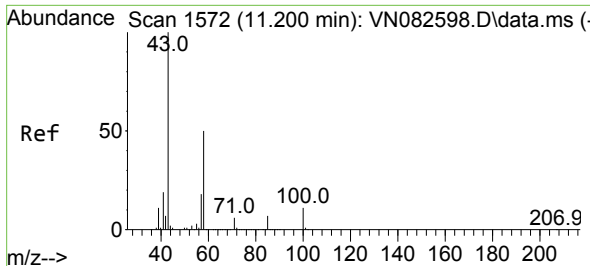
Tgt Ion: 69 Resp: 1147
Ion Ratio Lower Upper
69 100
41 3343.1 63.4 95.2#
39 1601.8 37.4 56.0#



#57
1,3-Dichloropropane
Concen: 1.657 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.041 min
Lab File: VN082944.D
Acq: 16 Jul 2024 18:50

Tgt Ion: 76 Resp: 3167
Ion Ratio Lower Upper
76 100
78 0.0 25.6 38.4#

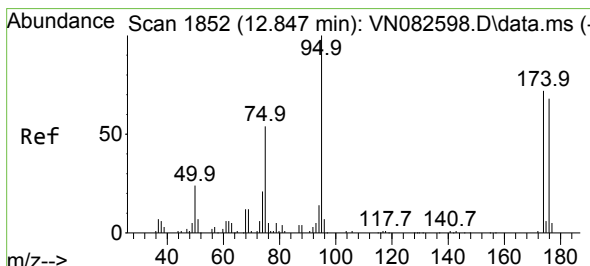
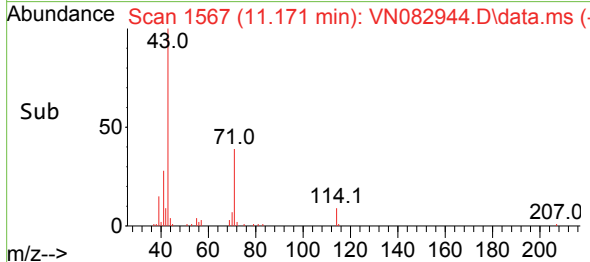
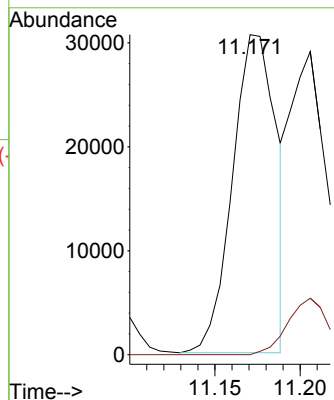
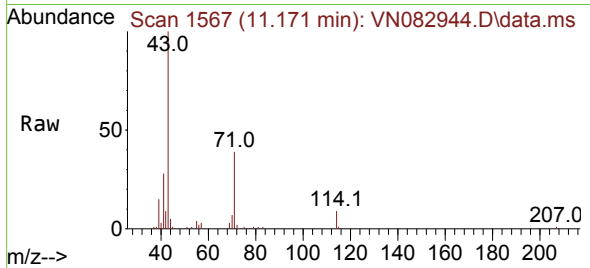




#59
2-Hexanone
Concen: 47.599 ug/l
RT: 11.171 min Scan# 111
Delta R.T. -0.029 min
Lab File: VN082944.D
Acq: 16 Jul 2024 18:50

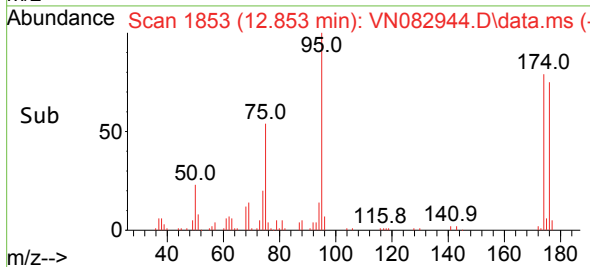
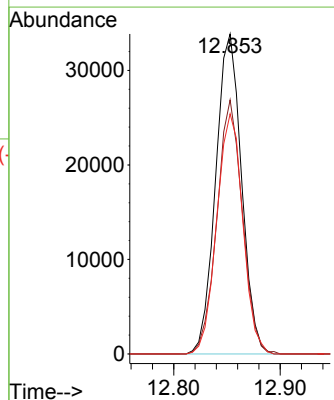
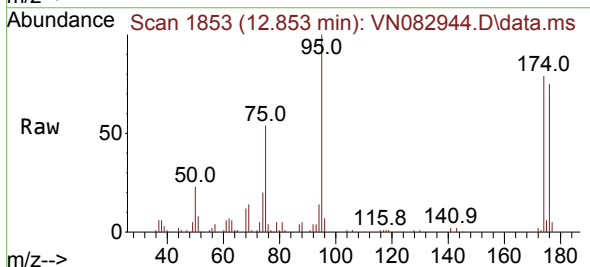
Instrument :
MSVOA_N
ClientSampleId :
WC-CTW2-BL-03

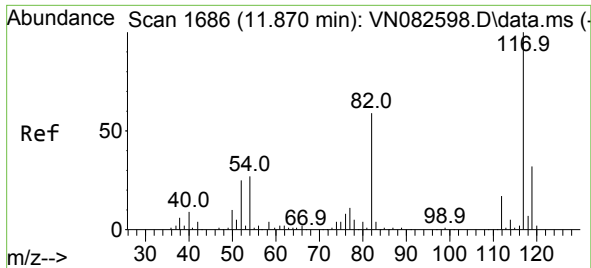
Tgt Ion: 43 Resp: 54588
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.8#



#62
4-Bromofluorobenzene
Concen: 38.721 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082944.D
Acq: 16 Jul 2024 18:50

Tgt Ion: 95 Resp: 56945
Ion Ratio Lower Upper
95 100
174 78.3 0.0 159.2
176 75.6 0.0 147.6

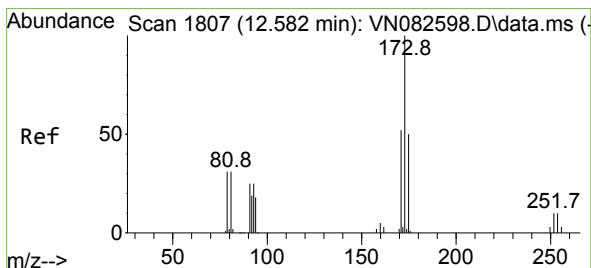
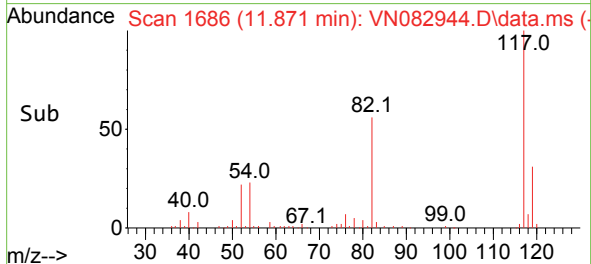
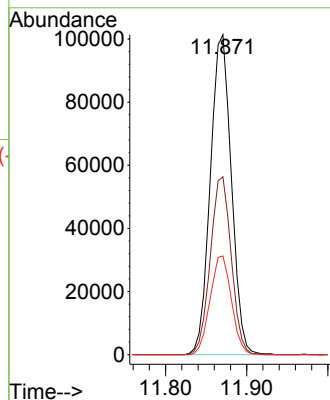
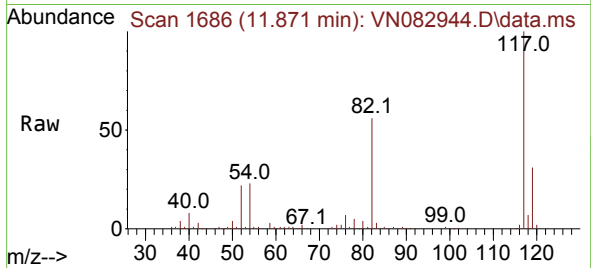




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN082944.D
Acq: 16 Jul 2024 18:50

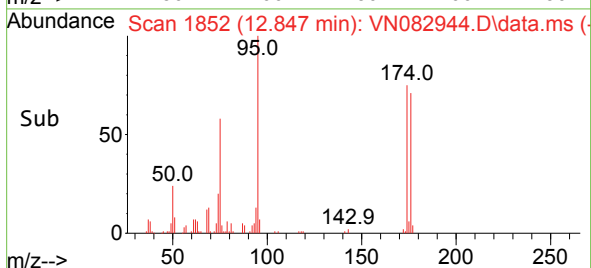
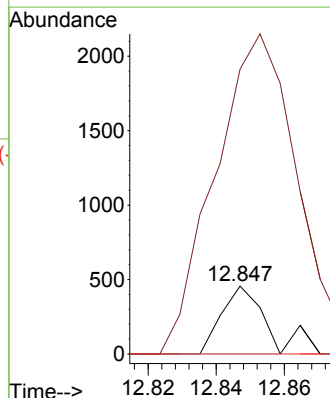
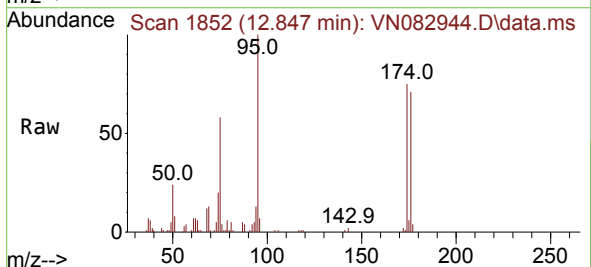
Instrument :
MSVOA_N
ClientSampleId :
WC-CTW2-BL-03

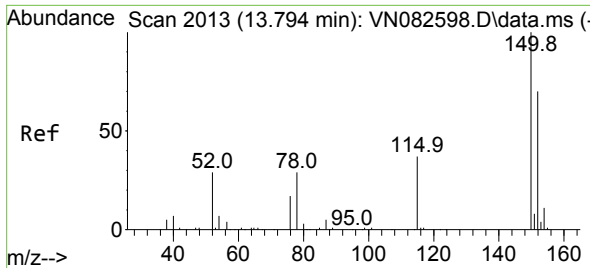
Tgt Ion:117 Resp: 182215
Ion Ratio Lower Upper
117 100
82 55.6 47.5 71.3
119 30.9 25.6 38.4



#71
Bromoform
Concen: 0.331 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.265 min
Lab File: VN082944.D
Acq: 16 Jul 2024 18:50

Tgt Ion:173 Resp: 362
Ion Ratio Lower Upper
173 100
175 815.5 24.0 72.0#
254 0.0 0.0 0.0

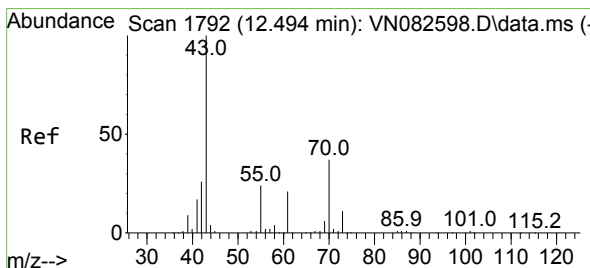
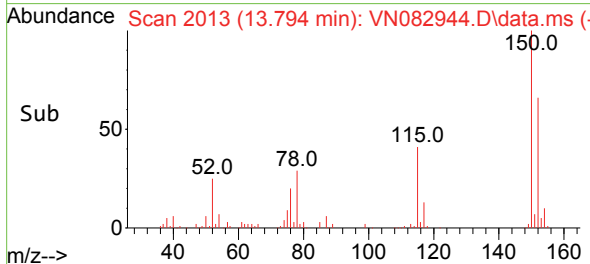
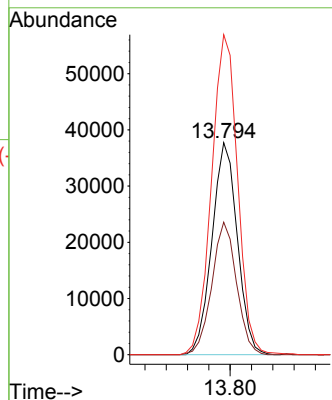
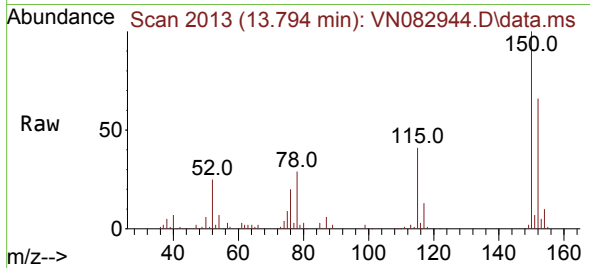




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082944.D
Acq: 16 Jul 2024 18:50

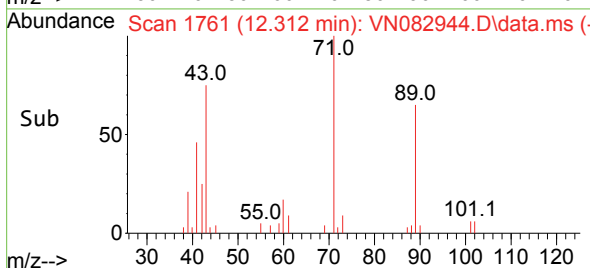
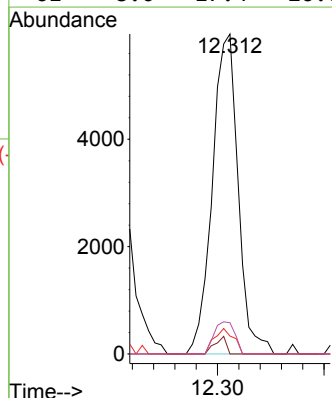
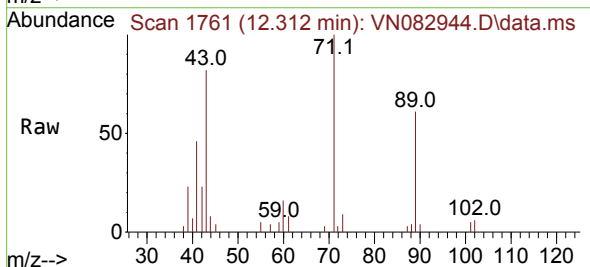
Instrument :
MSVOA_N
ClientSampleId :
WC-CTW2-BL-03

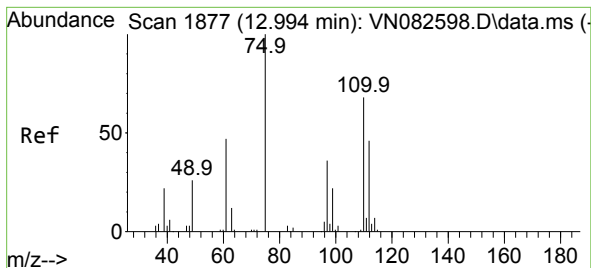
Tgt Ion:152 Resp: 62301
Ion Ratio Lower Upper
152 100
115 60.9 30.6 91.6
150 155.0 0.0 348.6



#74
N-ethyl acetate
Concen: 5.349 ug/l
RT: 12.312 min Scan# 1761
Delta R.T. -0.182 min
Lab File: VN082944.D
Acq: 16 Jul 2024 18:50

Tgt Ion: 43 Resp: 10017
Ion Ratio Lower Upper
43 100
70 2.4 29.8 44.6#
55 6.0 18.7 28.1#
61 8.0 17.4 26.0#





#76

1,2,3-Trichloropropane

Concen: 29.913 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN082944.D

Acq: 16 Jul 2024 18:50

Instrument :

MSVOA_N

ClientSampleId :

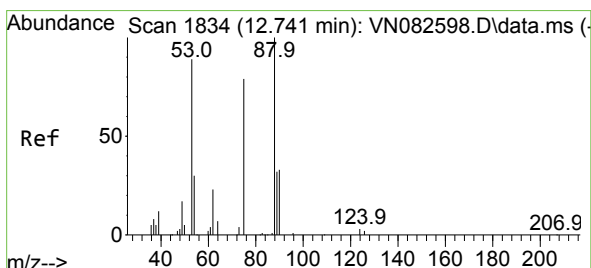
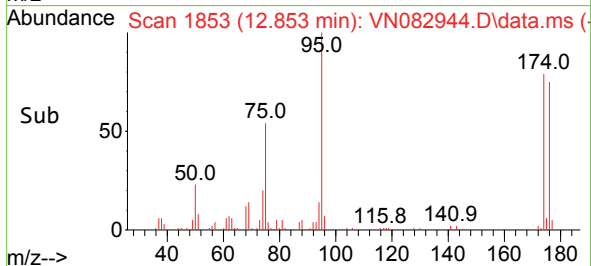
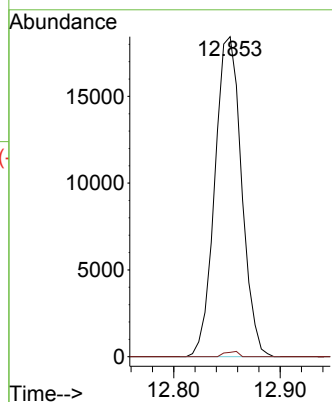
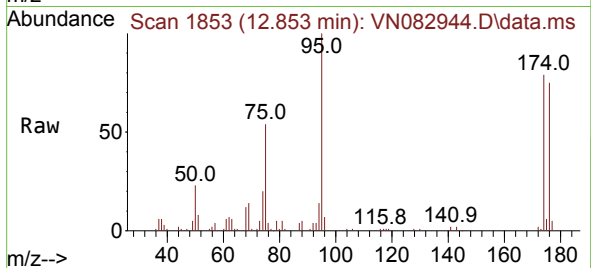
WC-CTW2-BL-03

Tgt Ion: 75 Resp: 32130

Ion Ratio Lower Upper

75 100

77 0.8 110.9 332.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 58.831 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN082944.D

Acq: 16 Jul 2024 18:50

Tgt Ion: 75 Resp: 32130

Ion Ratio Lower Upper

75 100

53 0.0 88.4 132.6#

89 0.0 36.3 54.5#

