

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031324\
 Data File : VN081394.D
 Acq On : 13 Mar 2024 15:07
 Operator : JC\MD
 Sample : P1733-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-2

Quant Time: Mar 14 01:07:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

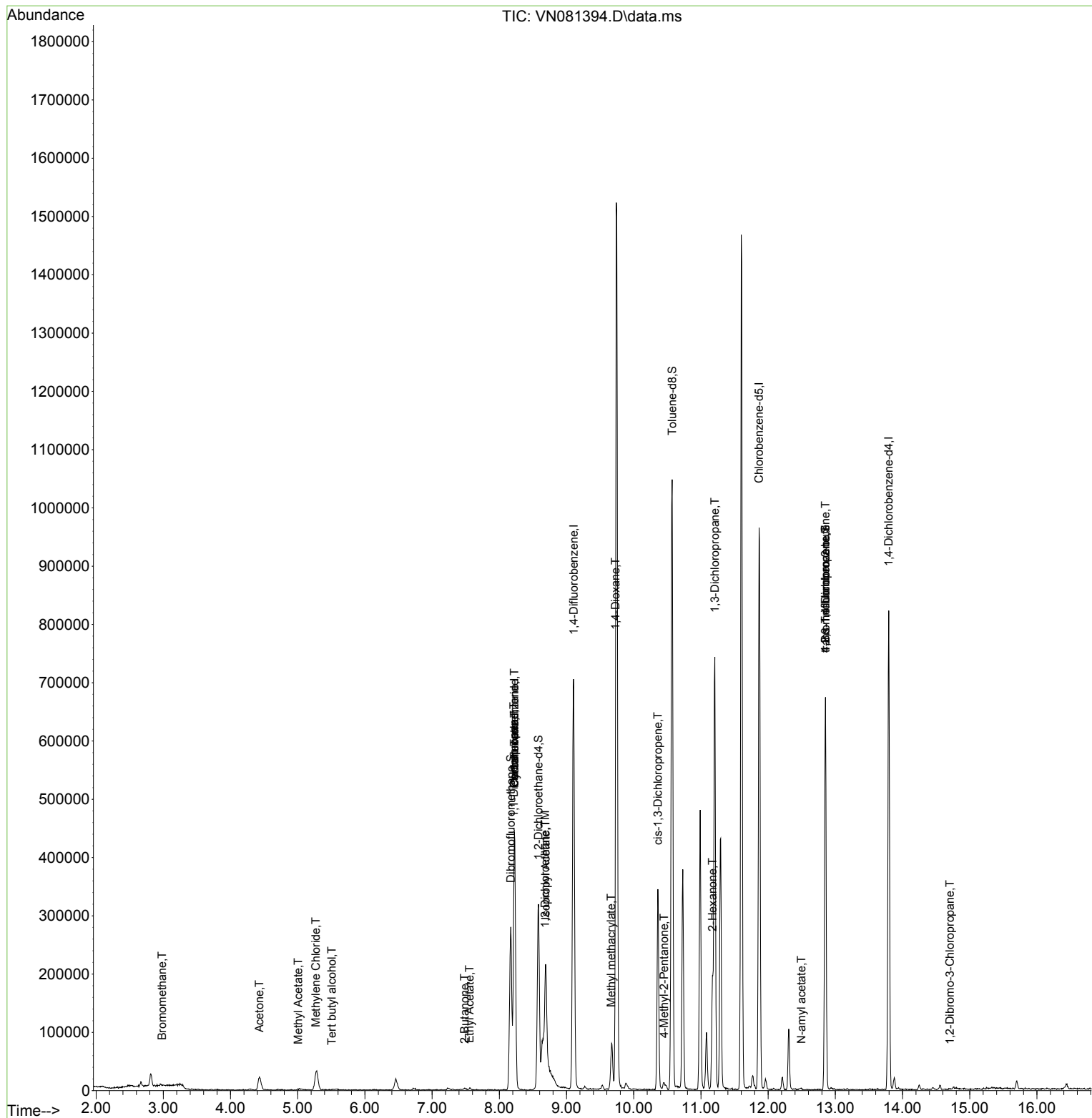
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	302148	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	604291	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	531962	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	191532	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	259630	59.429	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 118.860%	
35) Dibromofluoromethane	8.171	113	195490	52.802	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.600%	
50) Toluene-d8	10.571	98	708719	51.208	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.420%	
62) 4-Bromofluorobenzene	12.853	95	220404	45.058	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 90.120%	
Target Compounds						Qvalue
5) Bromomethane	2.983	94	1017	0.337	ug/l	88
11) Tert butyl alcohol	5.506	59	202	0.264	ug/l #	72
16) Acetone	4.430	43	43853	28.331	ug/l	95
18) Methyl Acetate	5.006	43	1193	0.269	ug/l	98
20) Methylene Chloride	5.271	84	25222	5.885	ug/l	93
25) 2-Butanone	7.483	43	5555	2.143	ug/l	91
31) Cyclohexane	8.224	56	8281	1.252	ug/l #	20
36) 1,1-Dichloropropene	8.218	75	27728	4.642	ug/l #	49
37) Ethyl Acetate	7.559	43	5307	0.909	ug/l #	89
38) Carbon Tetrachloride	8.224	117	34297	5.705	ug/l #	19
42) 1,2-Dichloroethane	8.683	62	1327	0.211	ug/l #	75
43) Isopropyl Acetate	8.688	43	354608	34.699	ug/l #	76
48) Methyl methacrylate	9.665	41	4790	1.060	ug/l #	51
49) 1,4-Dioxane	9.730	88	238	2.390	ug/l #	1
51) 4-Methyl-2-Pentanone	10.453	43	13474	2.271	ug/l #	80
54) cis-1,3-Dichloropropene	10.359	75	58005	8.103	ug/l #	62
57) 1,3-Dichloropropane	11.206	76	7453	1.000	ug/l #	43
59) 2-Hexanone	11.171	43	141841	31.974	ug/l #	26
74) N-amyl acetate	12.494	43	1783	0.275	ug/l #	49
76) 1,2,3-Trichloropropane	12.853	75	121455	26.847	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	121455	74.926	ug/l #	14
92) 1,2-Dibromo-3-Chloropr...	14.706	75	1057	1.035	ug/l #	13

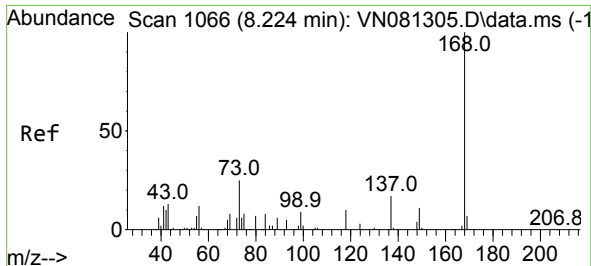
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Mar 06 03:12:57 2024
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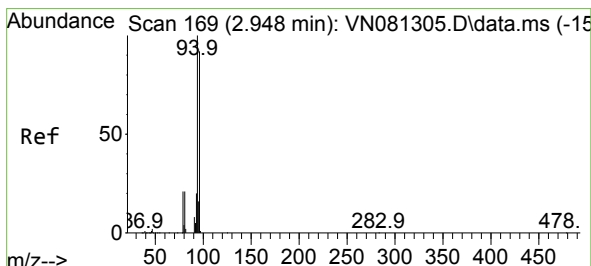
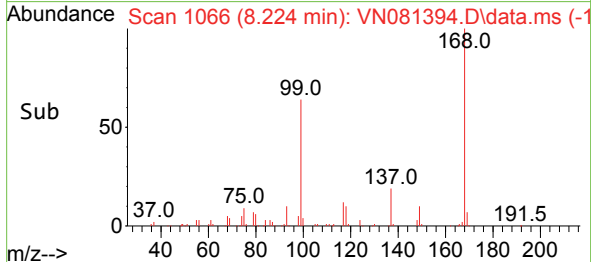
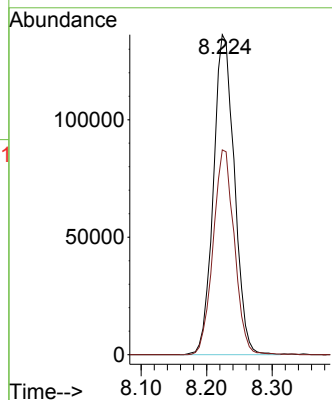
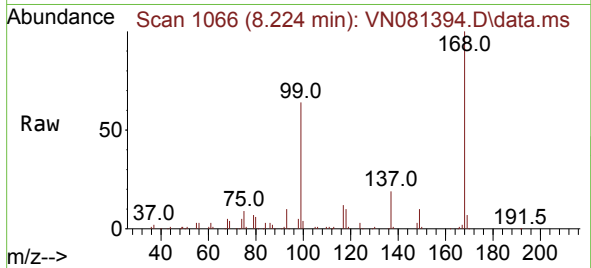




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081394.D
Acq: 13 Mar 2024 15:07

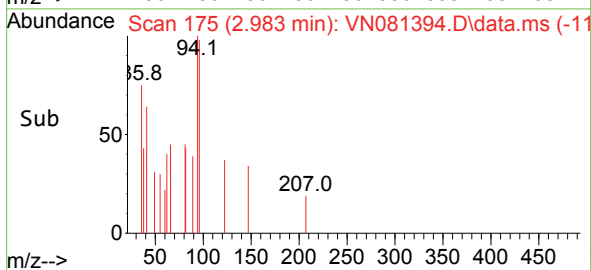
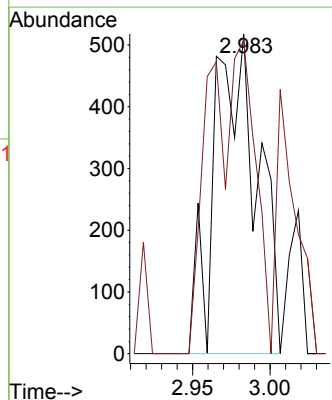
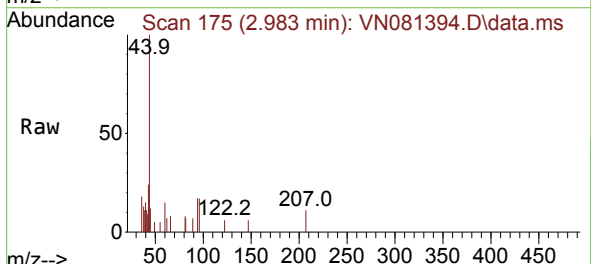
Instrument :
MSVOA_N
ClientSampleId :
WC-2

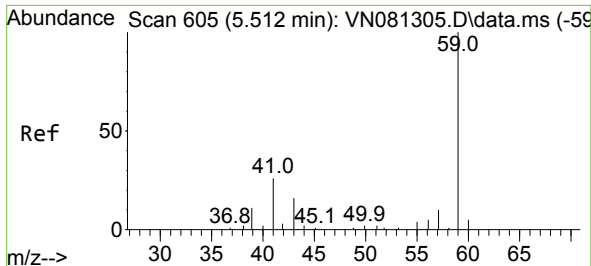
Tgt Ion:168 Resp: 302148
Ion Ratio Lower Upper
168 100
99 64.0 59.9 89.9



#5
Bromomethane
Concen: 0.337 ug/l
RT: 2.983 min Scan# 175
Delta R.T. 0.035 min
Lab File: VN081394.D
Acq: 13 Mar 2024 15:07

Tgt Ion: 94 Resp: 1017
Ion Ratio Lower Upper
94 100
96 97.9 69.2 103.8

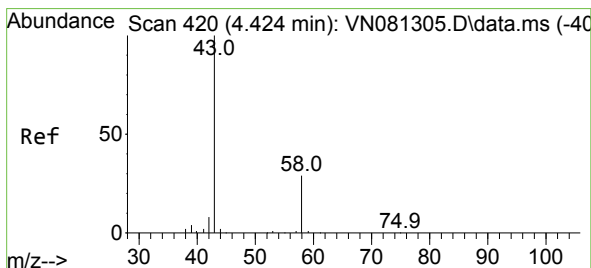
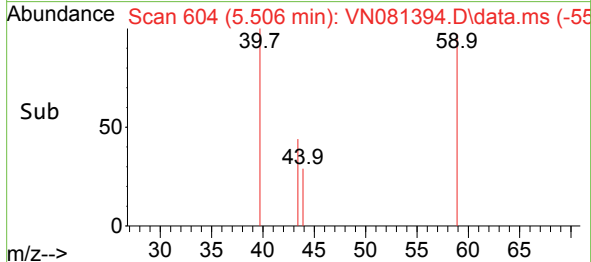
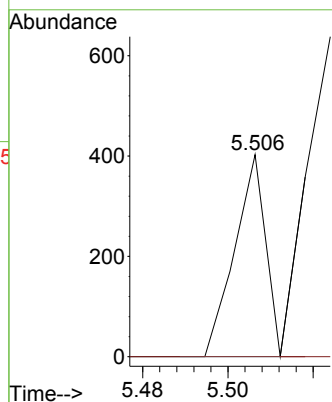
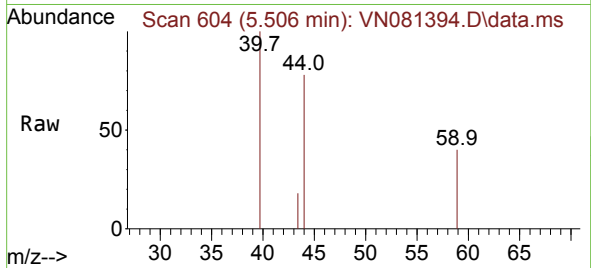




#11
Tert butyl alcohol
Concen: 0.264 ug/l
RT: 5.506 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN081394.D
Acq: 13 Mar 2024 15:07

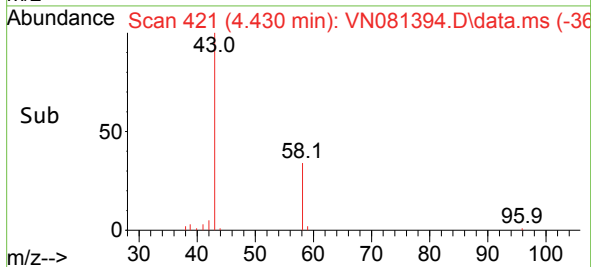
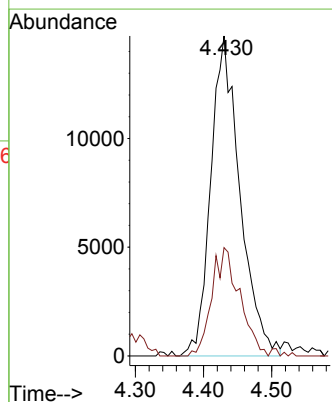
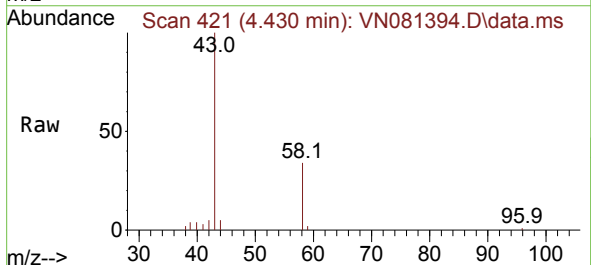
Instrument :
MSVOA_N
ClientSampleId :
WC-2

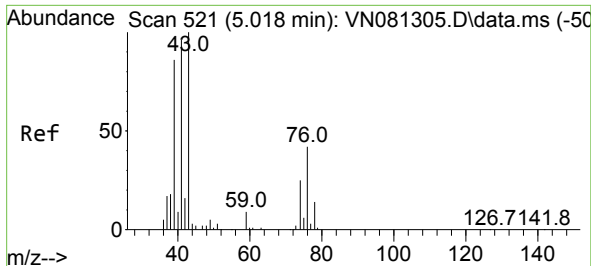
Tgt Ion: 59 Resp: 202
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#16
Acetone
Concen: 28.331 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN081394.D
Acq: 13 Mar 2024 15:07

Tgt Ion: 43 Resp: 43853
Ion Ratio Lower Upper
43 100
58 33.9 24.8 37.2

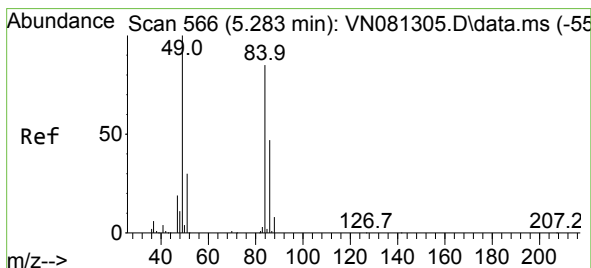
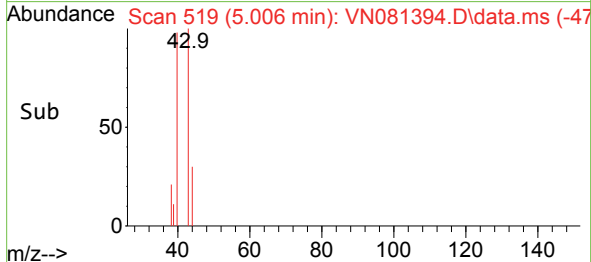
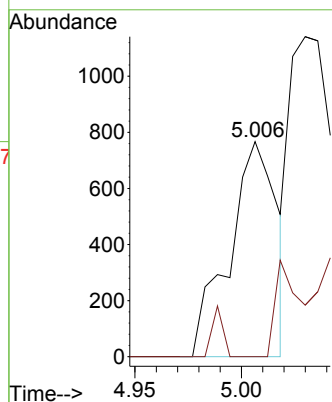
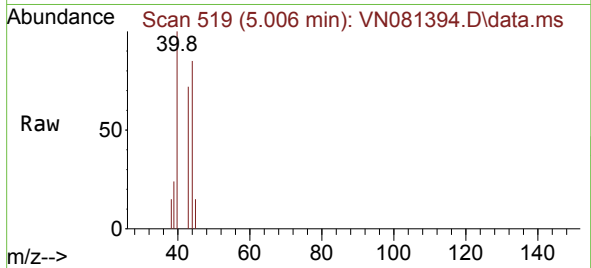




#18
Methyl Acetate
Concen: 0.269 ug/l
RT: 5.006 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN081394.D
Acq: 13 Mar 2024 15:07

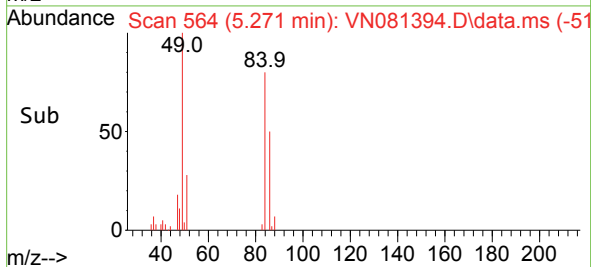
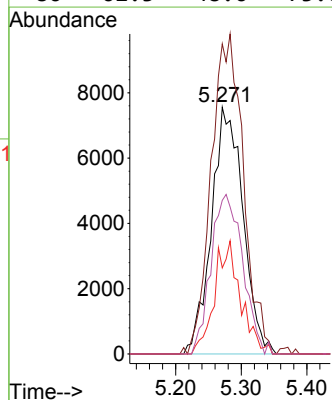
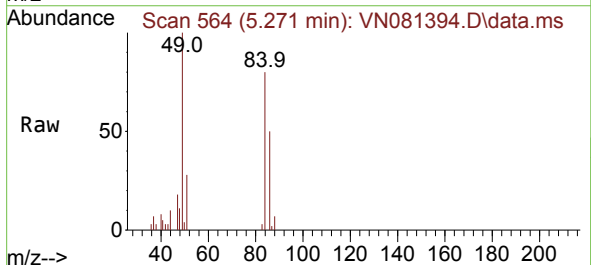
Instrument :
MSVOA_N
ClientSampleId :
WC-2

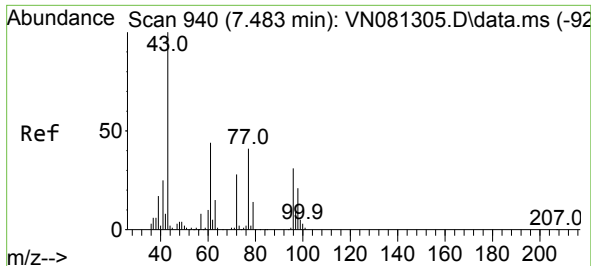
Tgt Ion: 43 Resp: 1193
Ion Ratio Lower Upper
43 100
74 22.4 17.3 25.9



#20
Methylene Chloride
Concen: 5.885 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.012 min
Lab File: VN081394.D
Acq: 13 Mar 2024 15:07

Tgt Ion: 84 Resp: 25222
Ion Ratio Lower Upper
84 100
49 125.7 108.1 162.1
51 34.9 32.9 49.3
86 62.3 48.6 73.0

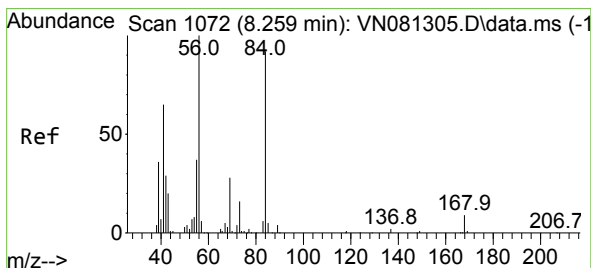
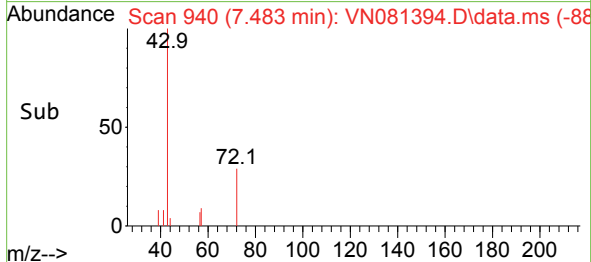
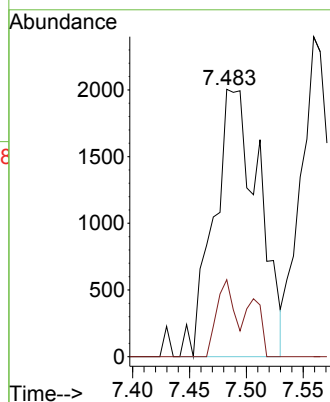
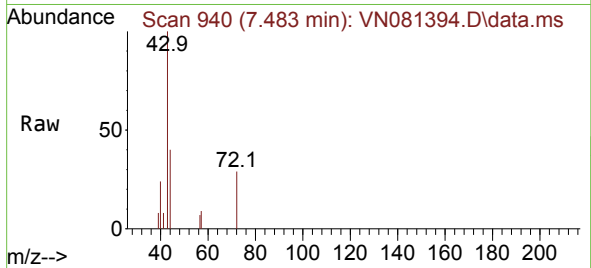




#25
2-Butanone
Concen: 2.143 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN081394.D
Acq: 13 Mar 2024 15:07

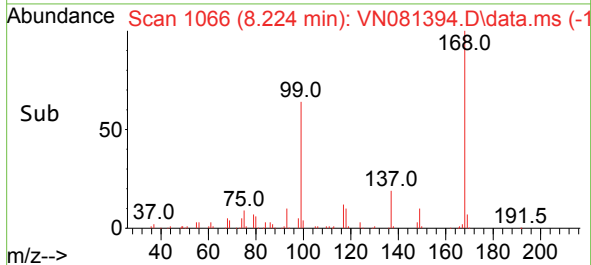
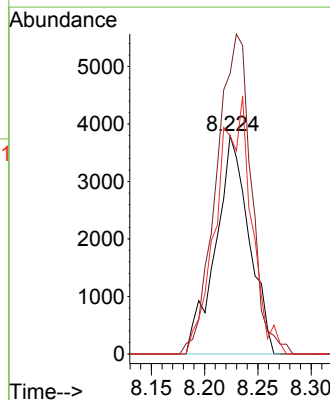
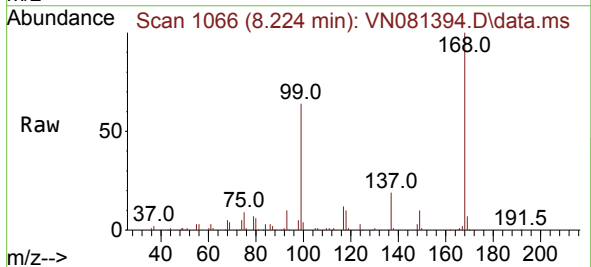
Instrument :
MSVOA_N
ClientSampleId :
WC-2

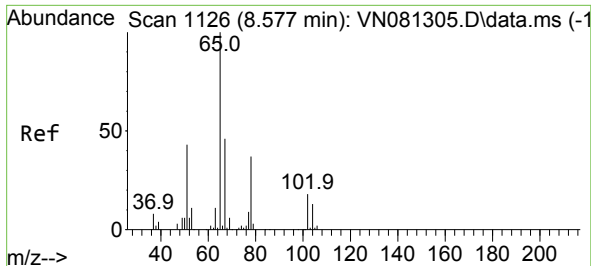
Tgt Ion: 43 Resp: 5555
Ion Ratio Lower Upper
43 100
72 28.8 19.5 29.3



#31
Cyclohexane
Concen: 1.252 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN081394.D
Acq: 13 Mar 2024 15:07

Tgt Ion: 56 Resp: 8281
Ion Ratio Lower Upper
56 100
69 128.6 20.1 30.1#
84 99.9 56.9 85.3#





#33

1,2-Dichloroethane-d4

Concen: 59.429 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081394.D

Acq: 13 Mar 2024 15:07

Instrument :

MSVOA_N

ClientSampleId :

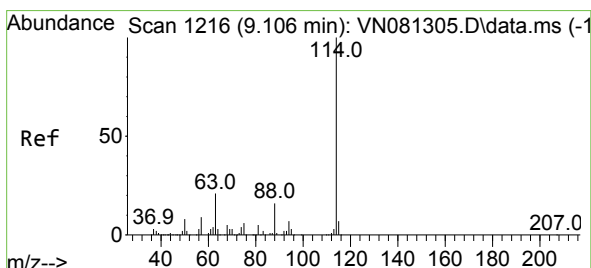
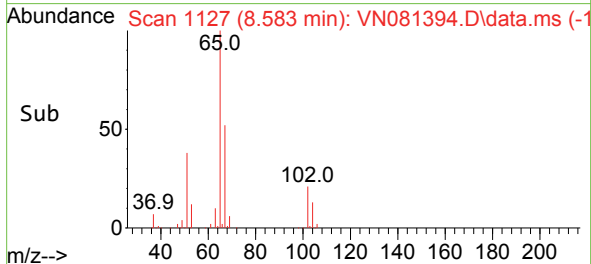
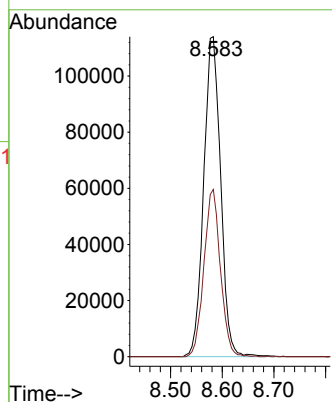
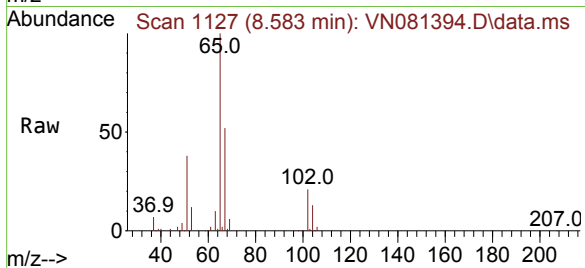
WC-2

Tgt Ion: 65 Resp: 259630

Ion Ratio Lower Upper

65 100

67 50.9 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN081394.D

Acq: 13 Mar 2024 15:07

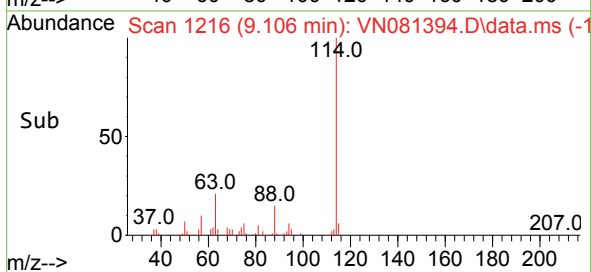
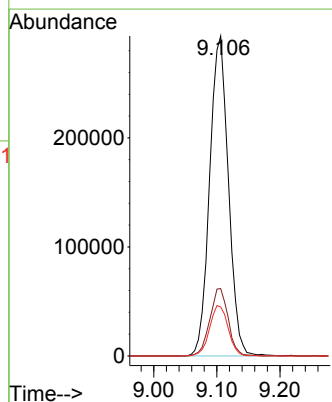
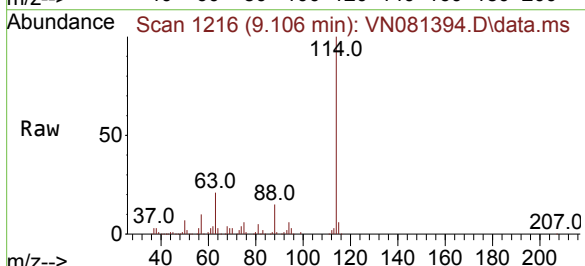
Tgt Ion: 114 Resp: 604291

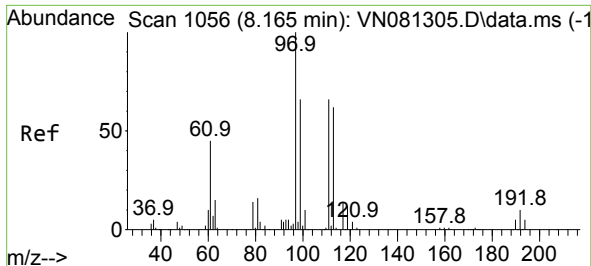
Ion Ratio Lower Upper

114 100

63 21.1 0.0 48.0

88 15.3 0.0 34.8

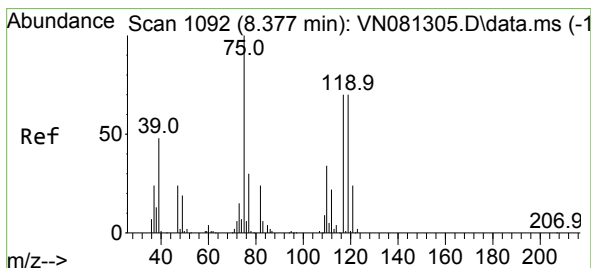
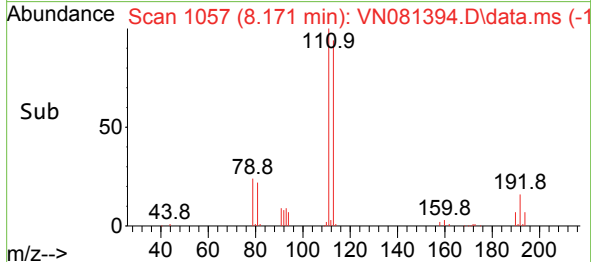
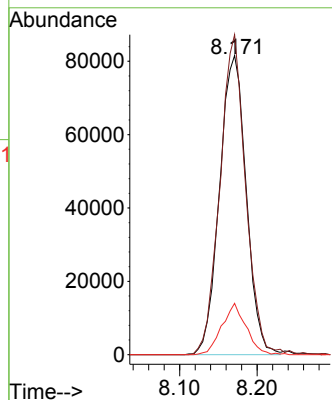
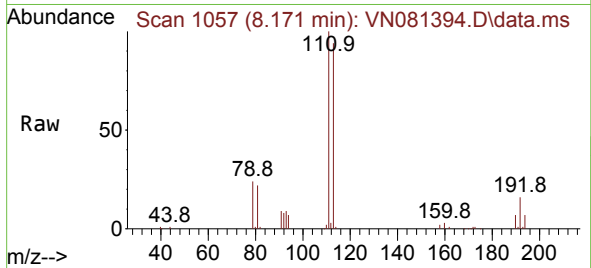




#35
Dibromofluoromethane
Concen: 52.802 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN081394.D
Acq: 13 Mar 2024 15:07

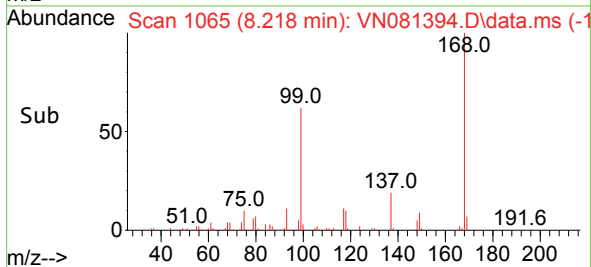
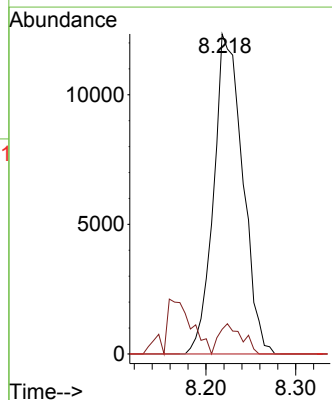
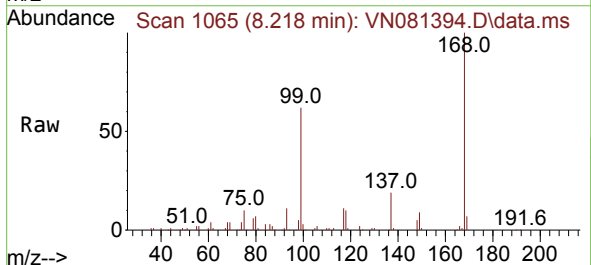
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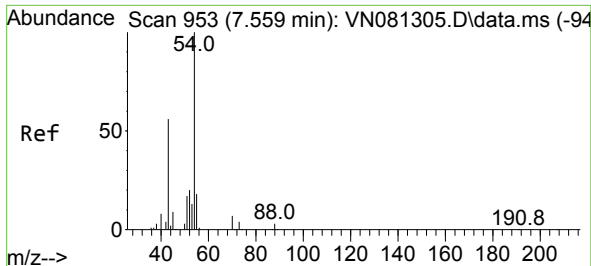
Tgt Ion:113 Resp: 195490
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.4
192 15.7 12.5 18.7



#36
1,1-Dichloropropene
Concen: 4.642 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.159 min
Lab File: VN081394.D
Acq: 13 Mar 2024 15:07

Tgt Ion: 75 Resp: 27728
Ion Ratio Lower Upper
75 100
110 7.5 16.0 48.0#
77 0.0 25.8 38.6#

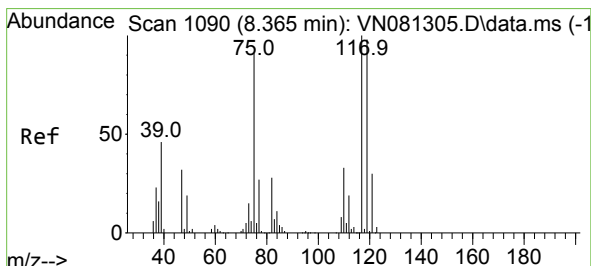
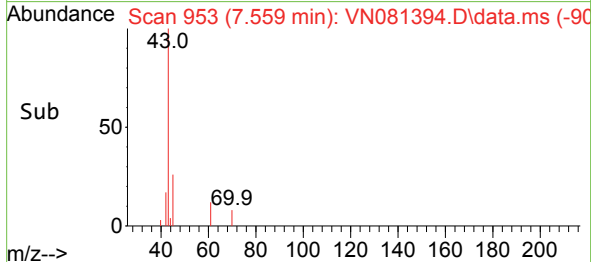
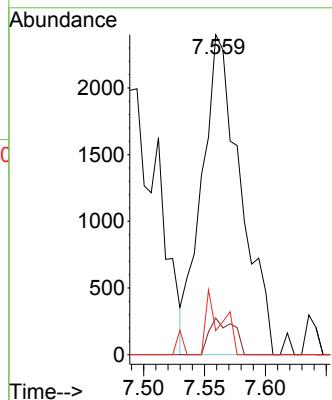
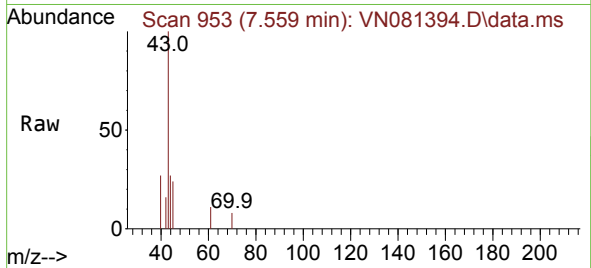




#37
Ethyl Acetate
Concen: 0.909 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN081394.D
Acq: 13 Mar 2024 15:07

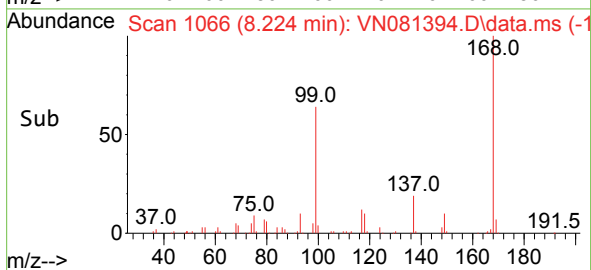
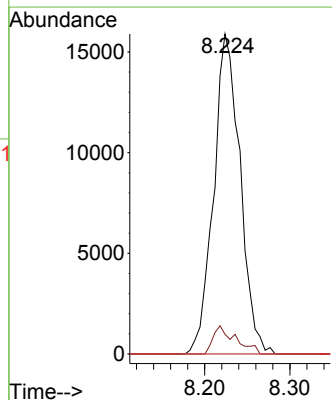
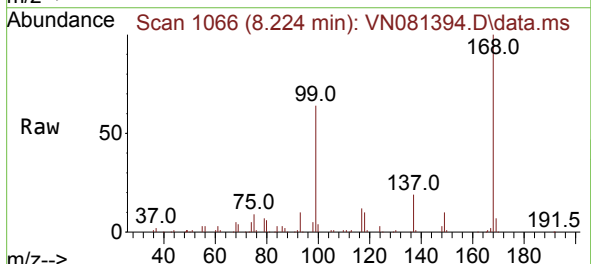
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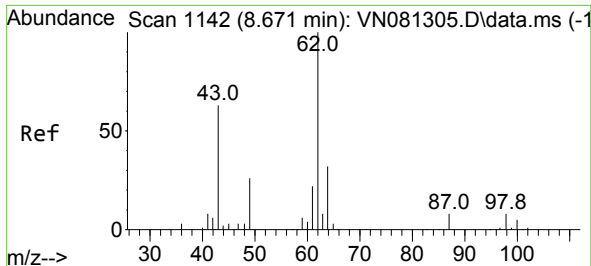
Tgt Ion: 43 Resp: 5307
Ion Ratio Lower Upper
43 100
61 7.2 10.6 15.8#
70 8.2 8.0 12.0



#38
Carbon Tetrachloride
Concen: 5.705 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN081394.D
Acq: 13 Mar 2024 15:07

Tgt Ion: 117 Resp: 34297
Ion Ratio Lower Upper
117 100
119 6.1 73.4 110.2#
121 0.0 24.4 36.6#





#42

1,2-Dichloroethane

Concen: 0.211 ug/l

RT: 8.683 min Scan# 1142

Delta R.T. 0.012 min

Lab File: VN081394.D

Acq: 13 Mar 2024 15:07

Instrument :

MSVOA_N

ClientSampleId :

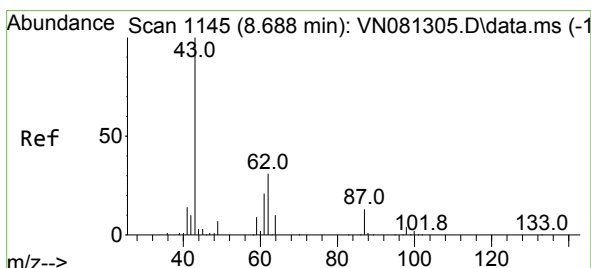
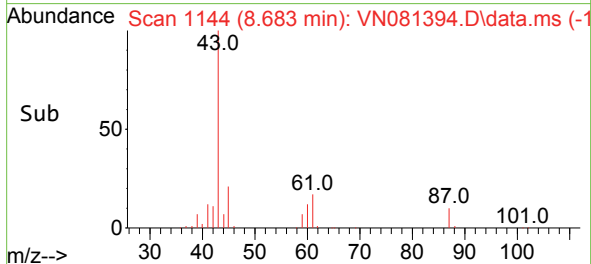
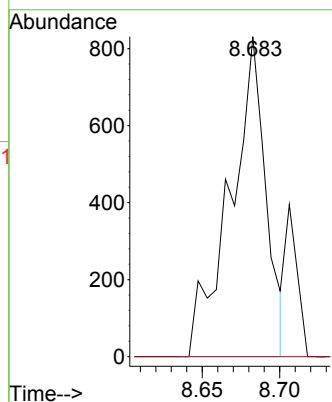
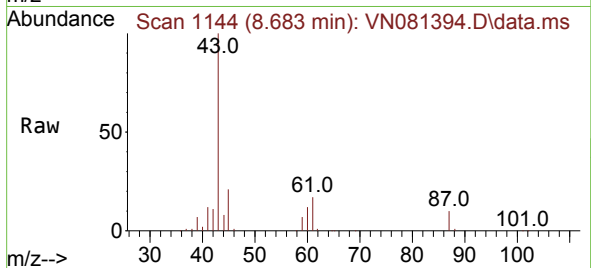
WC-2

Tgt Ion: 62 Resp: 1327

Ion Ratio Lower Upper

62 100

98 0.0 0.0 18.0



#43

Isopropyl Acetate

Concen: 34.699 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN081394.D

Acq: 13 Mar 2024 15:07

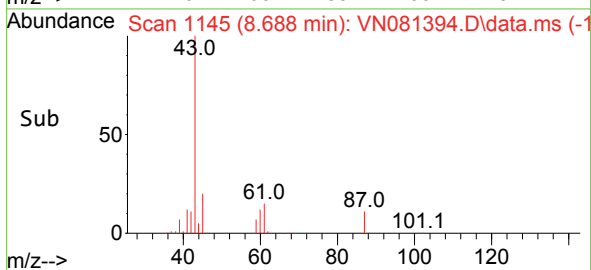
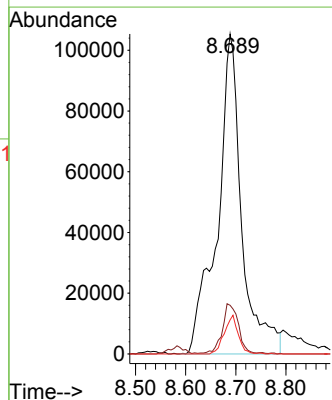
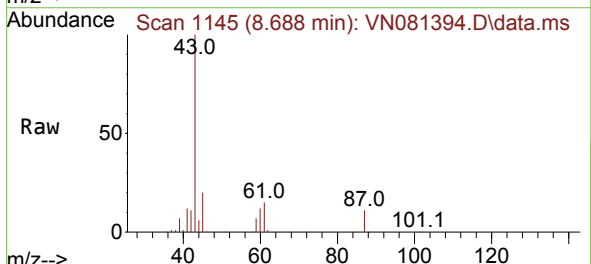
Tgt Ion: 43 Resp: 354608

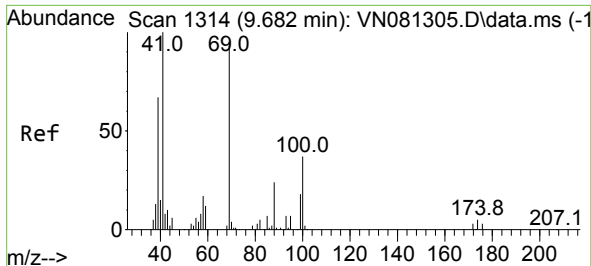
Ion Ratio Lower Upper

43 100

61 10.1 19.9 29.9#

87 7.0 9.0 13.6#

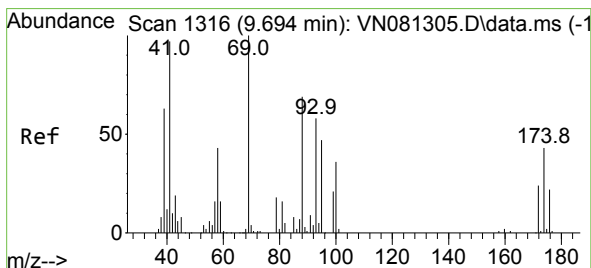
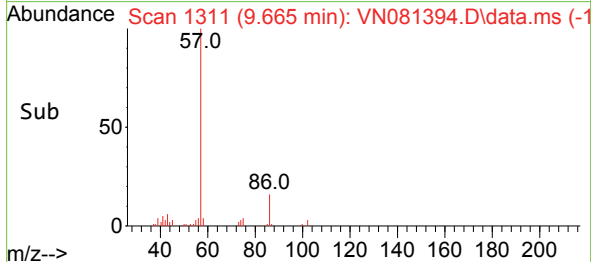
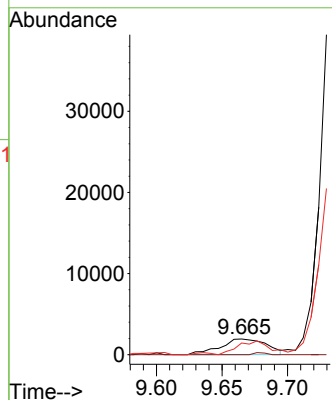
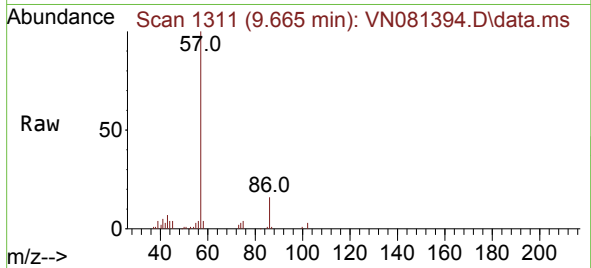




#48
Methyl methacrylate
Concen: 1.060 ug/l
RT: 9.665 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN081394.D
Acq: 13 Mar 2024 15:07

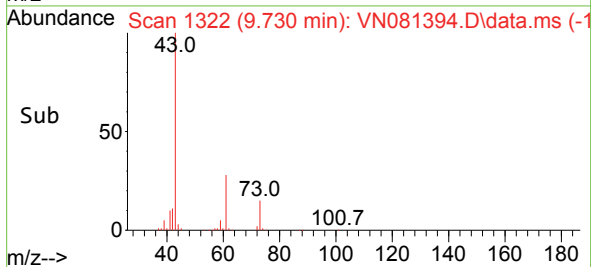
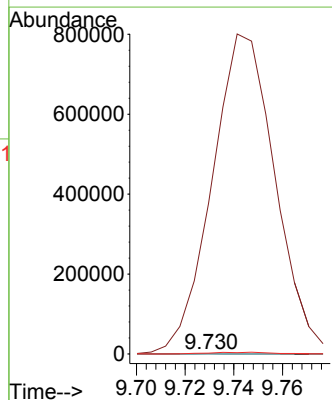
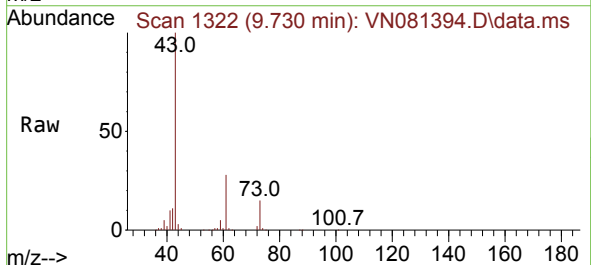
Instrument :
MSVOA_N
ClientSampleId :
WC-2

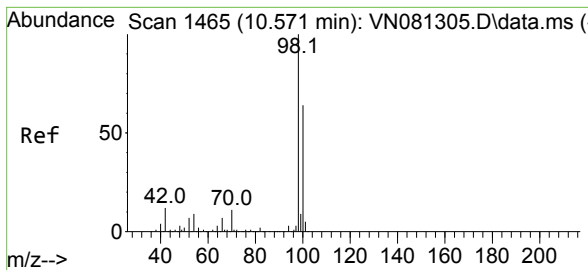
Tgt Ion: 41 Resp: 4790
Ion Ratio Lower Upper
41 100
69 3.3 62.2 93.2#
39 60.4 47.6 71.4



#49
1,4-Dioxane
Concen: 2.390 ug/l
RT: 9.730 min Scan# 1322
Delta R.T. 0.035 min
Lab File: VN081394.D
Acq: 13 Mar 2024 15:07

Tgt Ion: 88 Resp: 238
Ion Ratio Lower Upper
88 100
43 608672.3 30.1 45.1#
58 3304.6 63.9 95.9#

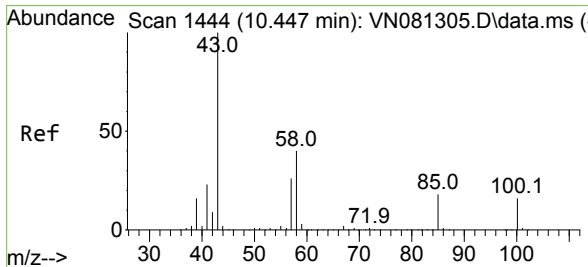
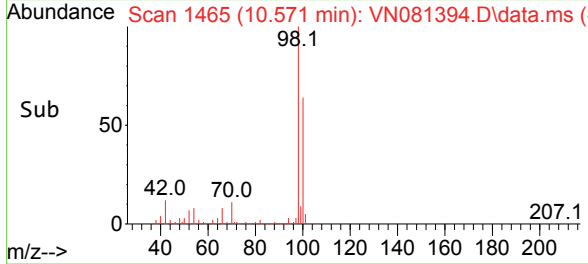
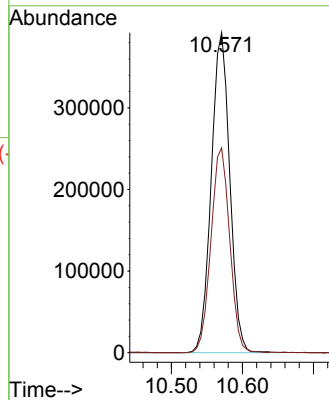
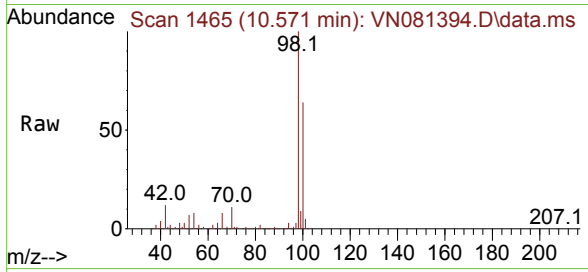




#50
Toluene-d8
Concen: 51.208 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081394.D
Acq: 13 Mar 2024 15:07

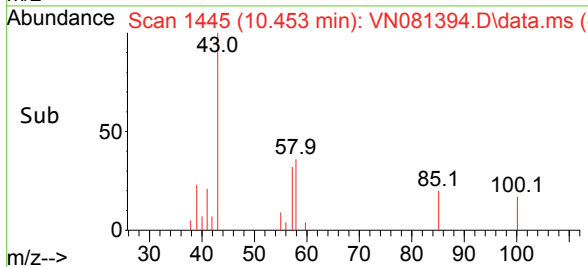
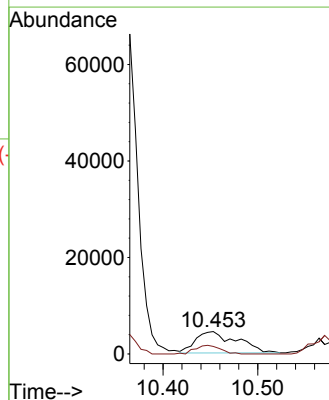
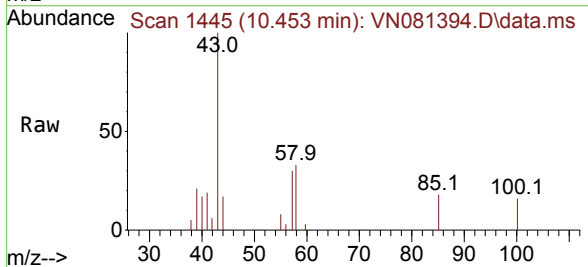
Instrument :
MSVOA_N
ClientSampleId :
WC-2

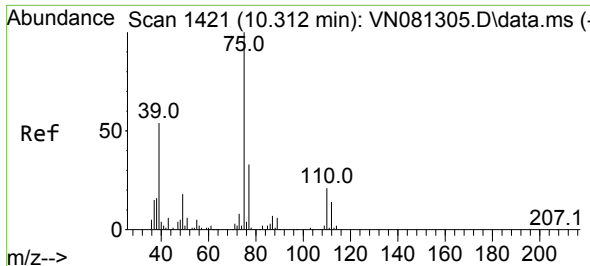
Tgt Ion: 98 Resp: 708719
Ion Ratio Lower Upper
98 100
100 64.9 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 2.271 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN081394.D
Acq: 13 Mar 2024 15:07

Tgt Ion: 43 Resp: 13474
Ion Ratio Lower Upper
43 100
58 24.6 29.4 44.0#

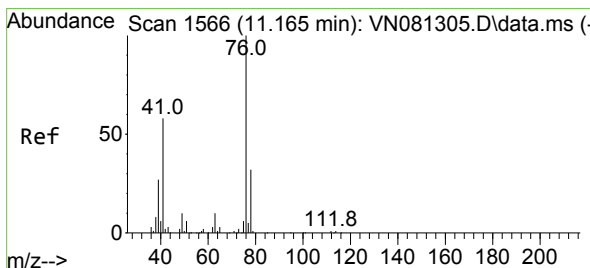
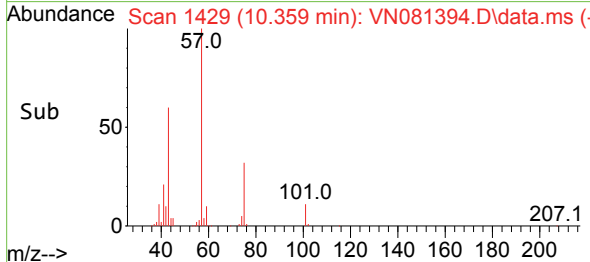
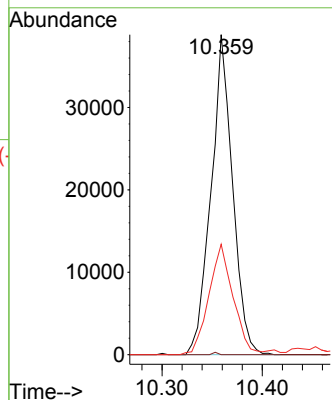
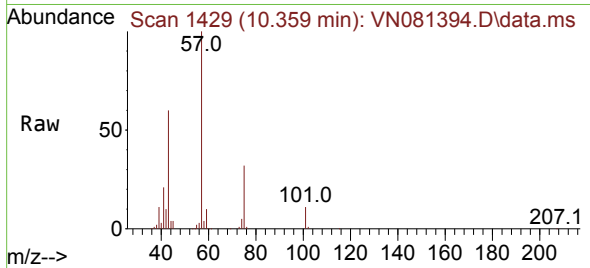




#54
cis-1,3-Dichloropropene
Concen: 8.103 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. 0.047 min
Lab File: VN081394.D
Acq: 13 Mar 2024 15:07

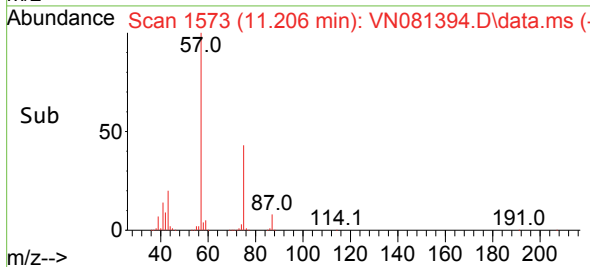
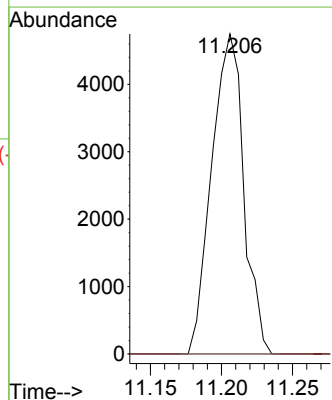
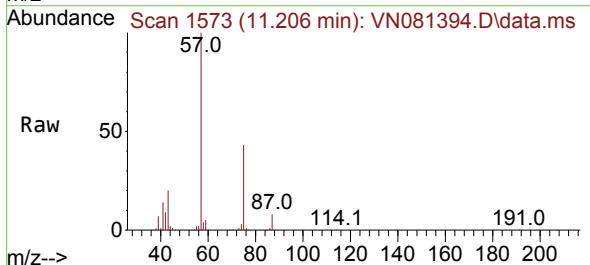
Instrument :
MSVOA_N
ClientSampleId :
WC-2

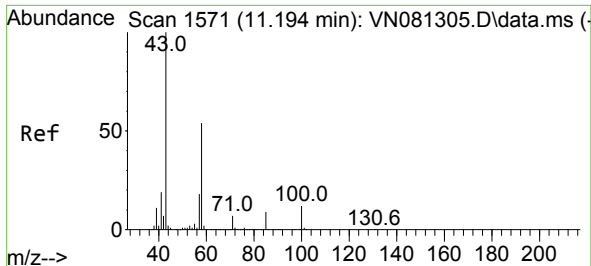
Tgt Ion:	75	Resp:	58005
Ion	Ratio	Lower	Upper
75	100		
77	0.0	23.3	34.9#
39	34.5	44.6	66.8#



#57
1,3-Dichloropropane
Concen: 1.000 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.041 min
Lab File: VN081394.D
Acq: 13 Mar 2024 15:07

Tgt Ion:	76	Resp:	7453
Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.5	38.3#

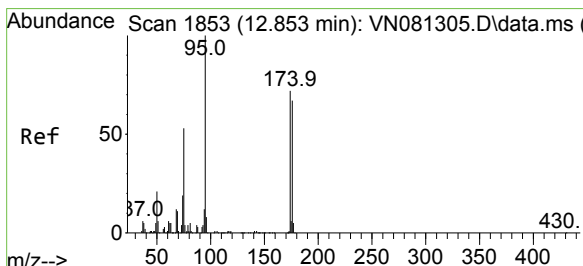
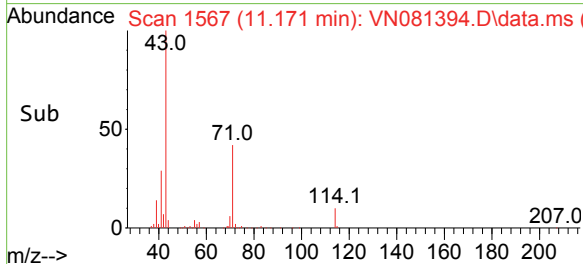
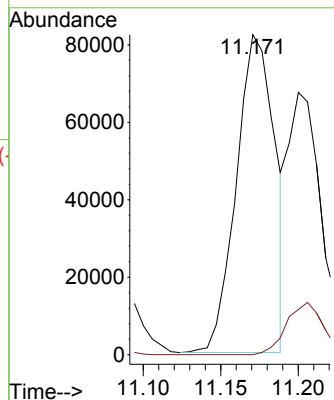
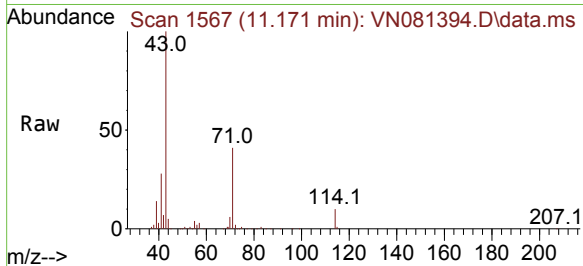




#59
2-Hexanone
Concen: 31.974 ug/l
RT: 11.171 min Scan# 11
Delta R.T. -0.023 min
Lab File: VN081394.D
Acq: 13 Mar 2024 15:07

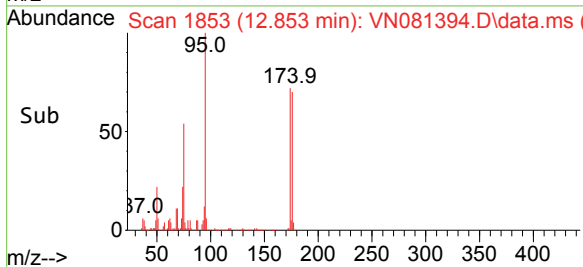
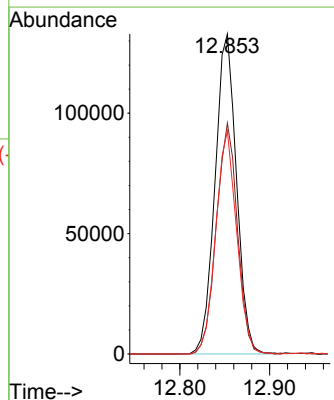
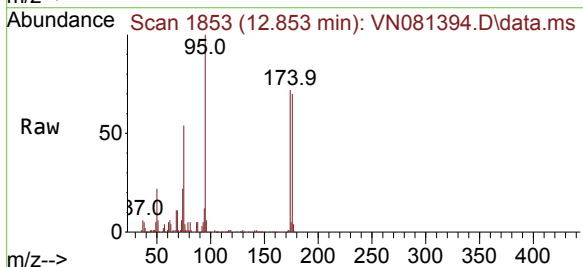
Instrument :
MSVOA_N
ClientSampleId :
WC-2

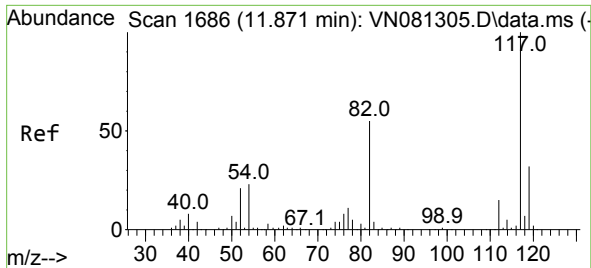
Tgt Ion: 43 Resp: 141841
Ion Ratio Lower Upper
43 100
58 0.0 25.9 77.8#



#62
4-Bromofluorobenzene
Concen: 45.058 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081394.D
Acq: 13 Mar 2024 15:07

Tgt Ion: 95 Resp: 220404
Ion Ratio Lower Upper
95 100
174 71.2 0.0 120.4
176 68.2 0.0 121.0

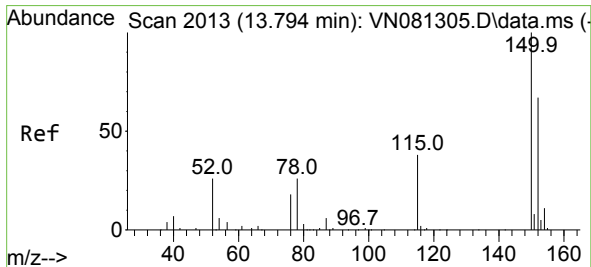
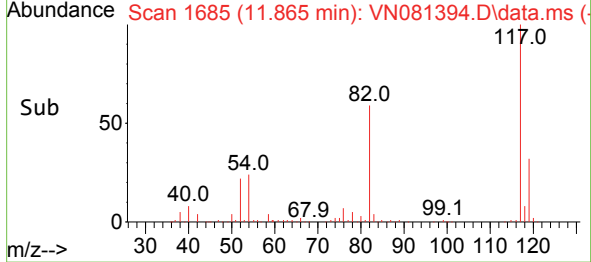
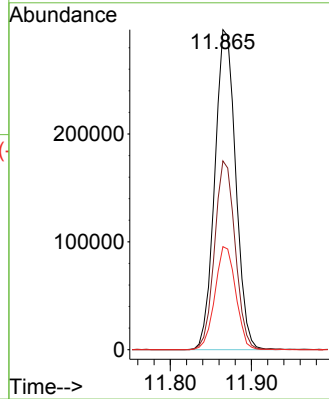
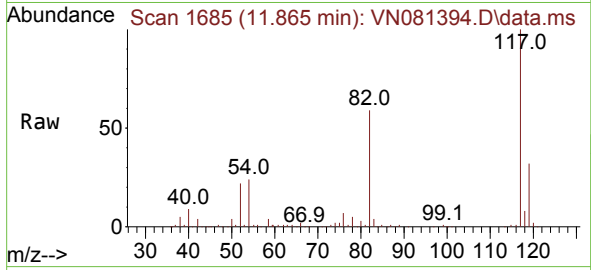




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN081394.D
Acq: 13 Mar 2024 15:07

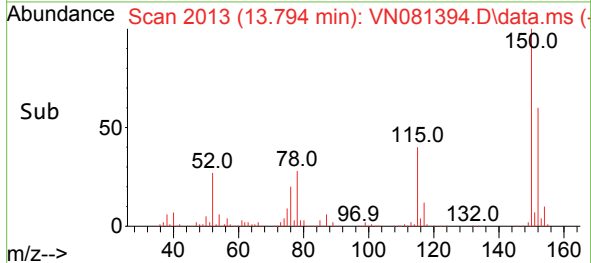
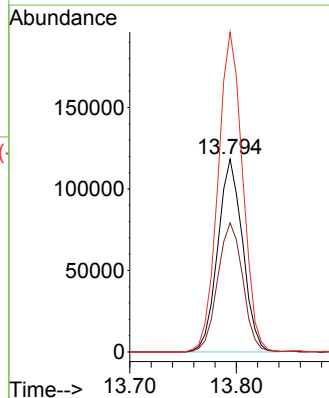
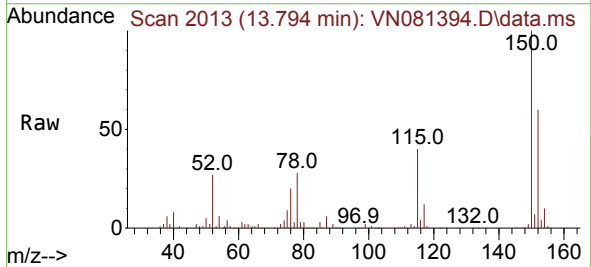
Instrument :
MSVOA_N
ClientSampleId :
WC-2

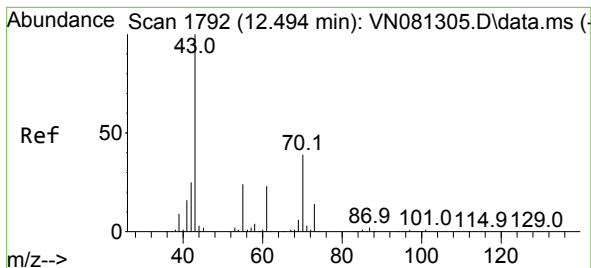
Tgt Ion:117 Resp: 531962
Ion Ratio Lower Upper
117 100
82 59.0 52.7 79.1
119 32.2 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081394.D
Acq: 13 Mar 2024 15:07

Tgt Ion:152 Resp: 191532
Ion Ratio Lower Upper
152 100
115 67.9 32.3 96.8
150 165.0 0.0 339.8





#74

N-amy1 acetate

Concen: 0.275 ug/l

RT: 12.494 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081394.D

Acq: 13 Mar 2024 15:07

Instrument :

MSVOA_N

ClientSampleId :

WC-2

Tgt Ion: 43 Resp: 1783

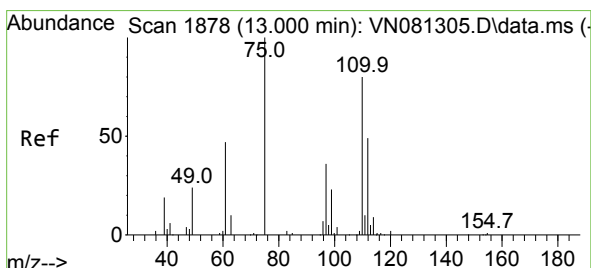
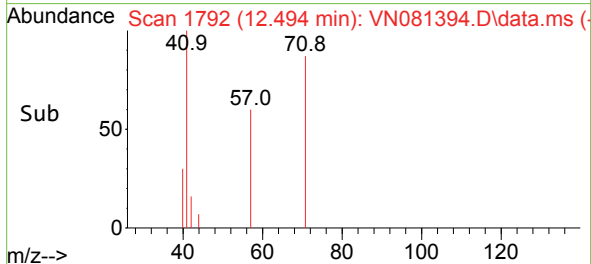
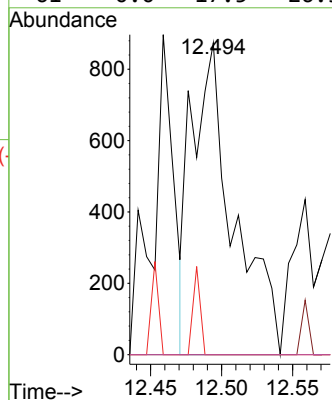
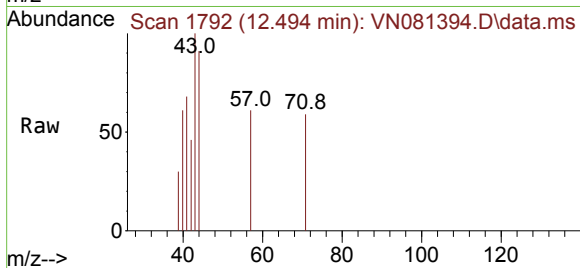
Ion Ratio Lower Upper

43 100

70 0.0 30.1 45.1#

55 4.9 17.0 25.4#

61 0.0 17.5 26.3#



#76

1,2,3-Trichloropropane

Concen: 26.847 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN081394.D

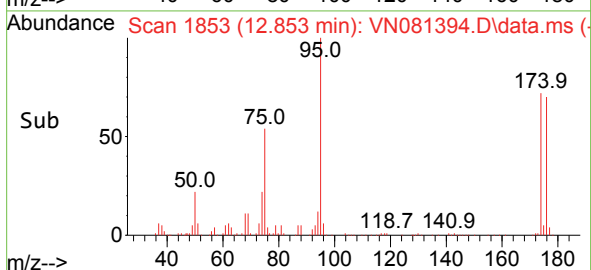
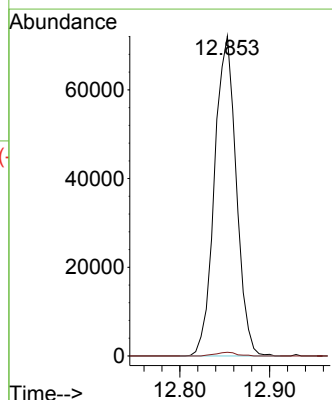
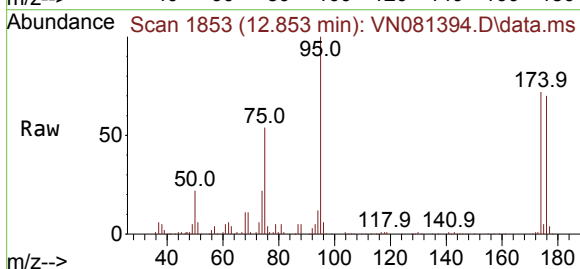
Acq: 13 Mar 2024 15:07

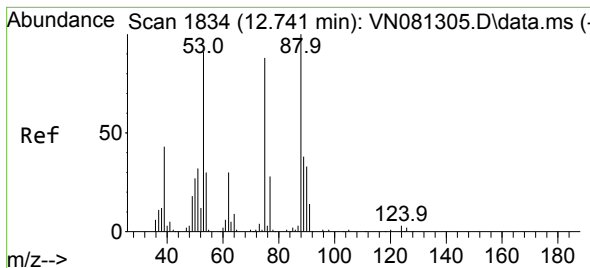
Tgt Ion: 75 Resp: 121455

Ion Ratio Lower Upper

75 100

77 1.1 91.0 272.8#

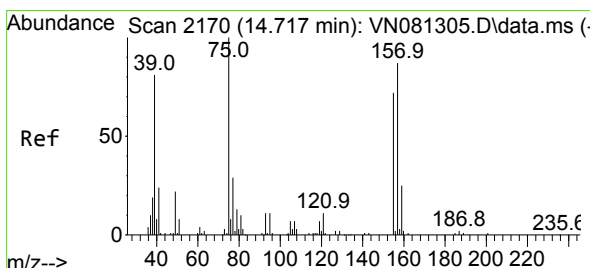
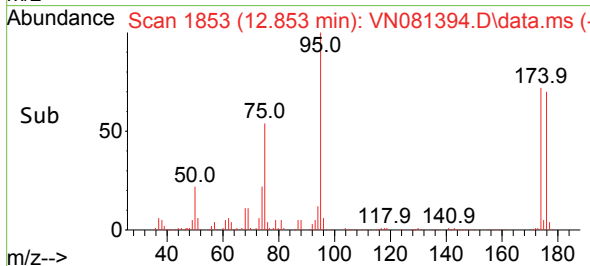
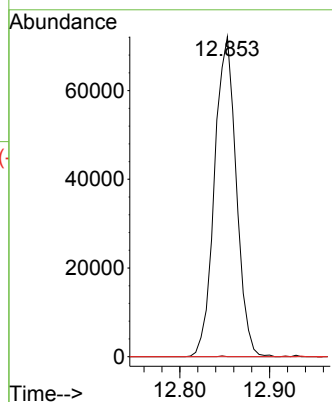
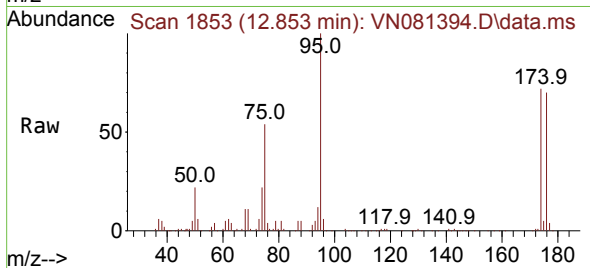




#81
trans-1,4-Dichloro-2-butene
Concen: 74.926 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN081394.D
Acq: 13 Mar 2024 15:07

Instrument :
MSVOA_N
ClientSampleId :
WC-2

Tgt Ion: 75 Resp: 121455
Ion Ratio Lower Upper
75 100
53 0.1 71.4 107.2#
89 0.0 33.4 50.0#



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.035 ug/l
RT: 14.706 min Scan# 2168
Delta R.T. -0.012 min
Lab File: VN081394.D
Acq: 13 Mar 2024 15:07

Tgt Ion: 75 Resp: 1057
Ion Ratio Lower Upper
75 100
155 0.0 31.8 95.4#
157 0.0 41.1 123.4#

