

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062522\
 Data File : VN073107.D
 Acq On : 25 Jun 2022 13:51
 Operator : JC\MD
 Sample : N3431-05
 Misc : 4.42g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-14B-2-2-GR

Quant Time: Jun 27 03:38:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.010	168	353031	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	553628	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	532867	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	325405	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	195105	40.878	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	81.760%
35) Dibromofluoromethane	7.945	113	166359	48.616	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.240%
50) Toluene-d8	10.375	98	627841	49.308	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.620%
62) 4-Bromofluorobenzene	12.669	95	347579	75.913	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	151.820%#

Target Compounds				Qvalue		
3) Chloromethane	2.263	50	914	0.819	ug/l #	80
5) Bromomethane	2.799	94	244	0.206	ug/l #	2
13) Acrolein	4.081	56	3159	6.506	ug/l #	16
14) Allyl chloride	4.781	41	2680	0.371	ug/l #	24
15) Acrylonitrile	5.481	53	11815	4.157	ug/l #	38
16) Acetone	4.251	43	26308	10.027	ug/l	93
17) Carbon Disulfide	4.393	76	5390	0.622	ug/l #	79
18) Methyl Acetate	4.775	43	28414	4.067	ug/l	90
20) Methylene Chloride	4.975	84	3531	0.629	ug/l #	43
25) 2-Butanone	7.281	43	53544	12.861	ug/l #	86
26) 2,2-Dichloropropane	7.234	77	357	Below Cal	#	42
31) Cyclohexane	8.004	56	228136	35.336	ug/l	94
36) 1,1-Dichloropropene	8.004	75	27555	5.951	ug/l #	63
37) Ethyl Acetate	7.281	43	53544	7.230	ug/l #	74
38) Carbon Tetrachloride	8.010	117	36003	7.392	ug/l #	17
39) Methylcyclohexane	9.380	83	522279	93.581	ug/l	92
40) Benzene	8.381	78	139376	9.578	ug/l	99
43) Isopropyl Acetate	8.469	43	92777	8.763	ug/l #	53
45) 1,2-Dichloropropane	9.392	63	7713	2.074	ug/l #	1
47) Bromodichloromethane	9.657	83	18613	3.724	ug/l #	55
48) Methyl methacrylate	9.439	41	61802	12.786	ug/l #	26
51) 4-Methyl-2-Pentanone	10.298	43	15008	2.174	ug/l #	70
52) Toluene	10.439	92	127321	14.251	ug/l	97
55) 1,1,2-Trichloroethane	10.810	97	217410	55.423	ug/l #	21
56) Ethyl methacrylate	10.716	69	132846	21.129	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.910	63	1500	0.540	ug/l	93
59) 2-Hexanone	10.986	43	398099	74.556	ug/l #	26
60) Dibromochloromethane	10.927	129	1150	0.310	ug/l	78
61) 1,2-Dibromoethane	11.286	107	1166	0.302	ug/l #	3
64) Tetrachloroethene	10.922	164	702	0.217	ug/l #	30
65) Chlorobenzene	11.710	112	4101	0.394	ug/l #	62
66) 1,1,1,2-Tetrachloroethane	11.880	131	3218	0.812	ug/l #	8
67) Ethyl Benzene	11.780	91	87475	4.775	ug/l	95
68) m/p-Xylenes	11.886	106	140926	19.613	ug/l	96
69) o-Xylene	12.216	106	50671	7.058	ug/l	66
70) Styrene	12.221	104	4501	0.390	ug/l #	1

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 ALS Vial : 10 Sample Multiplier: 1

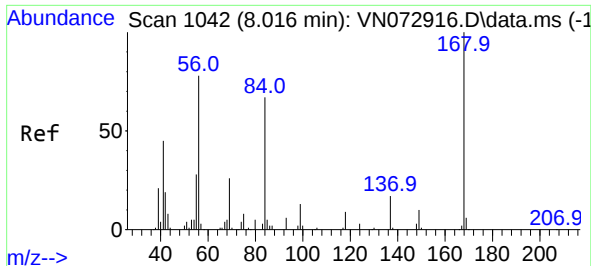
Instrument :
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 ClientSampleId :
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
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 Response via : Initial Calibration

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

71) Bromoform	12.357	173	83683	28.020	ug/l #	30
73) Isopropylbenzene	12.516	105	466896	18.547	ug/l	100
74) N-amyl acetate	12.304	43	563960	43.170	ug/l #	39
75) 1,1,2,2-Tetrachloroethane	12.739	83	75282	8.304	ug/l #	94
76) 1,2,3-Trichloropropane	13.080	75	5410	0.686	ug/l	70
77) Bromobenzene	12.692	156	76169	12.630	ug/l #	1
78) n-propylbenzene	12.857	91	105677	3.816	ug/l	93
79) 2-Chlorotoluene	12.921	91	17557	0.979	ug/l	81
80) 1,3,5-Trimethylbenzene	12.921	105	89879	4.347	ug/l	72
81) trans-1,4-Dichloro-2-b...	12.516	75	6722	2.301	ug/l #	1
82) 4-Chlorotoluene	12.921	91	17557	1.035	ug/l	81
83) tert-Butylbenzene	13.263	119	83945	4.433	ug/l #	65
84) 1,2,4-Trimethylbenzene	13.304	105	467338	22.691	ug/l	92
85) sec-Butylbenzene	13.439	105	756618	29.949	ug/l	80
86) p-Isopropyltoluene	13.710	119	240966	11.781	ug/l	98
88) 1,4-Dichlorobenzene	13.627	146	7248	0.665	ug/l #	1
89) n-Butylbenzene	13.880	91	358593	21.471	ug/l #	81
90) Hexachloroethane	14.151	117	110874	28.754	ug/l #	9
91) 1,2-Dichlorobenzene	13.927	146	26206	2.334	ug/l #	1
92) 1,2-Dibromo-3-Chloropr...	14.551	75	3311	1.367	ug/l #	17
93) 1,2,4-Trichlorobenzene	15.198	180	6097	0.981	ug/l #	1
95) Naphthalene	15.433	128	137465	5.468	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.592	180	16212	2.443	ug/l #	1

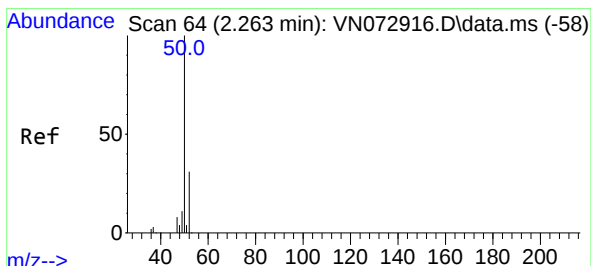
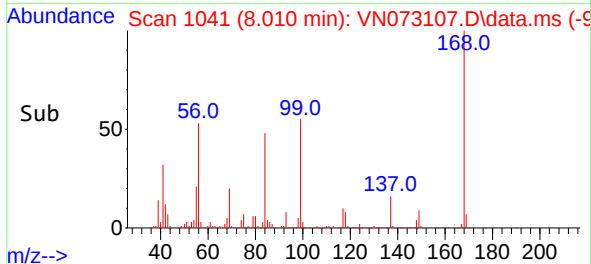
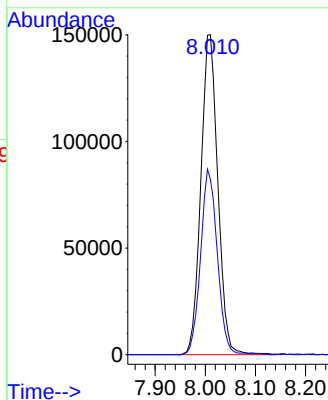
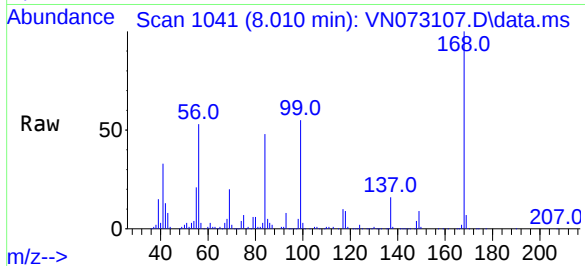
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.010 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN073107.D
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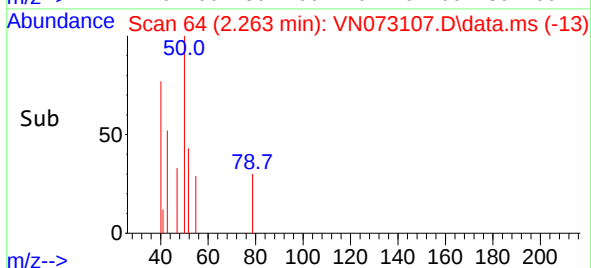
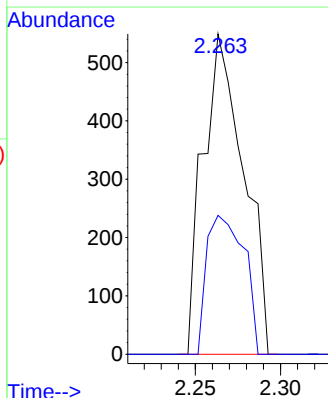
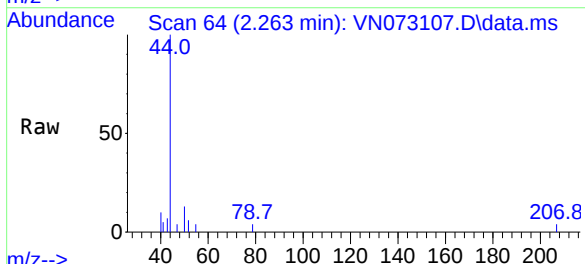
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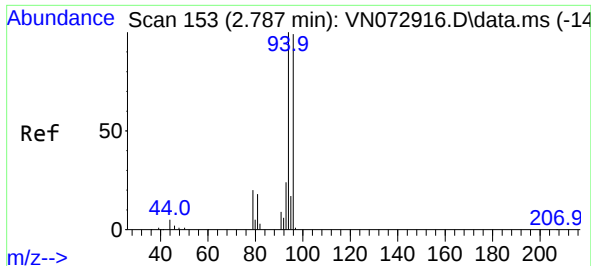
Tgt Ion:168 Resp: 353031
Ion Ratio Lower Upper
168 100
99 54.8 42.3 63.5



#3
Chloromethane
Concen: 0.819 ug/l
RT: 2.263 min Scan# 64
Delta R.T. 0.000 min
Lab File: VN073107.D
Acq: 25 Jun 2022 13:51

Tgt Ion: 50 Resp: 914
Ion Ratio Lower Upper
50 100
52 43.4 25.7 38.5#

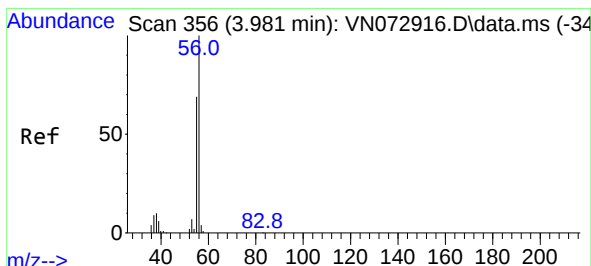
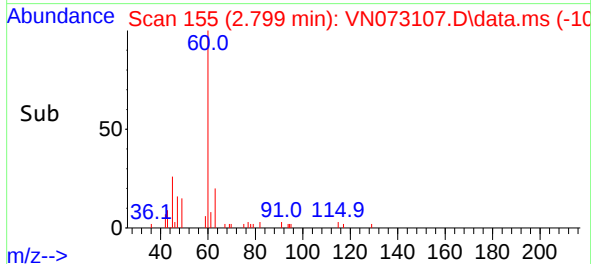
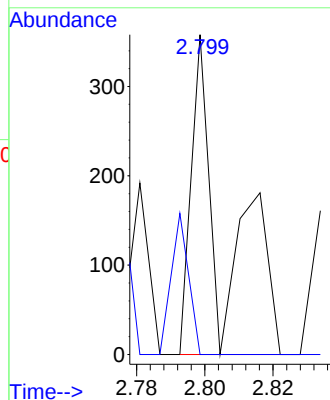
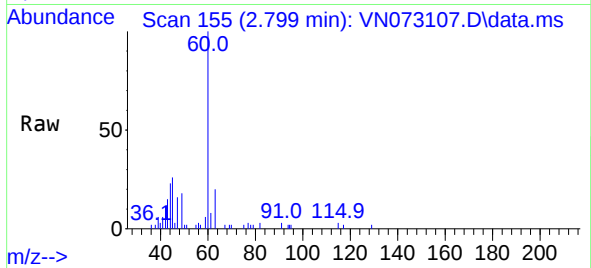




#5
Bromomethane
Concen: 0.206 ug/l
RT: 2.799 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN073107.D
Acq: 25 Jun 2022 13:51

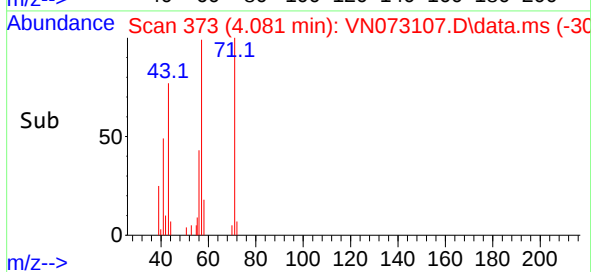
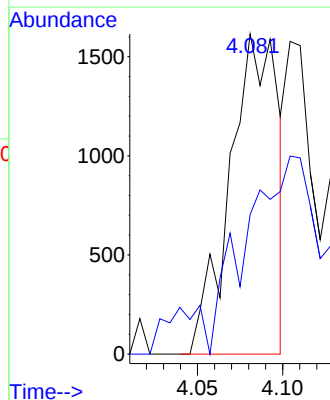
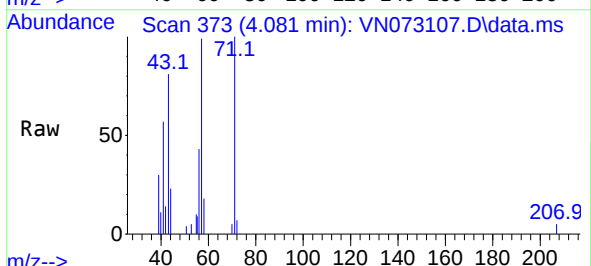
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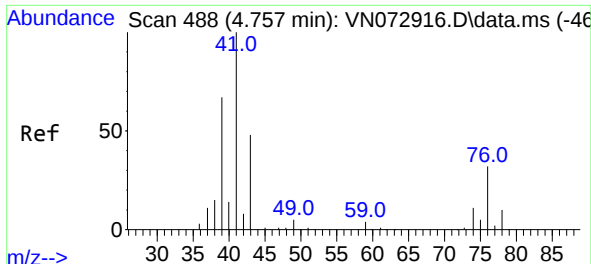
Tgt Ion: 94 Resp: 244
Ion Ratio Lower Upper
94 100
96 0.0 76.0 114.0#



#13
Acrolein
Concen: 6.506 ug/l
RT: 4.081 min Scan# 373
Delta R.T. 0.100 min
Lab File: VN073107.D
Acq: 25 Jun 2022 13:51

Tgt Ion: 56 Resp: 3159
Ion Ratio Lower Upper
56 100
55 0.0 54.8 82.2#

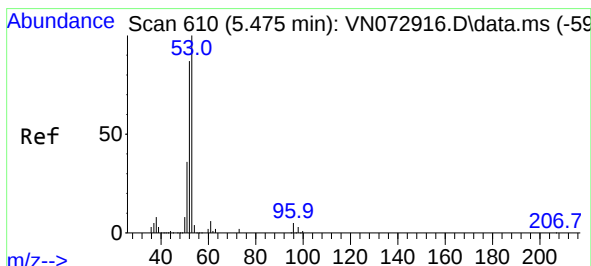
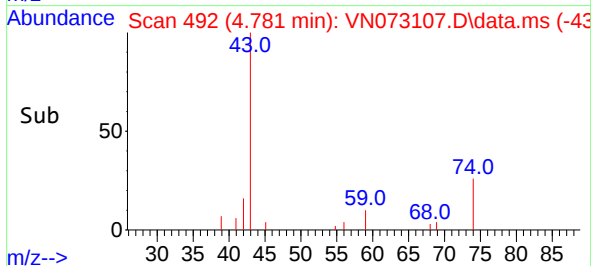
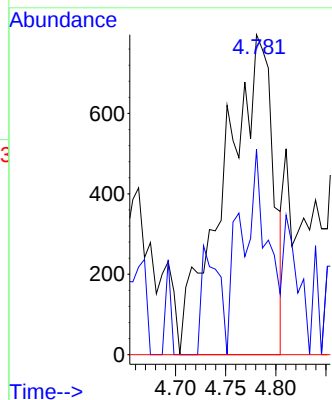
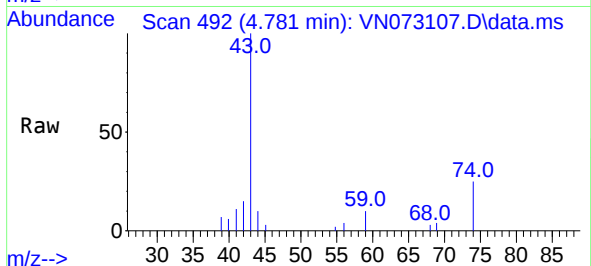




#14
 Allyl chloride
 Concen: 0.371 ug/l
 RT: 4.781 min Scan# 492
 Delta R.T. 0.024 min
 Lab File: VN073107.D
 Acq: 25 Jun 2022 13:51

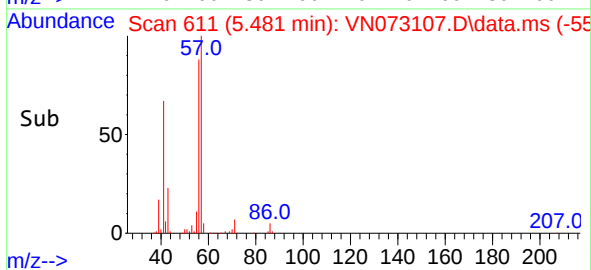
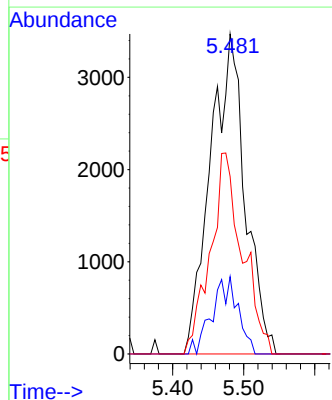
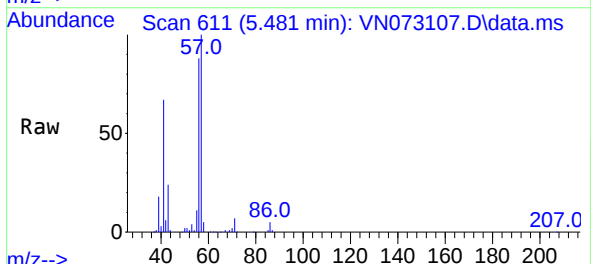
Instrument :
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 ClientSampleId :
 WC-14B-2-GR

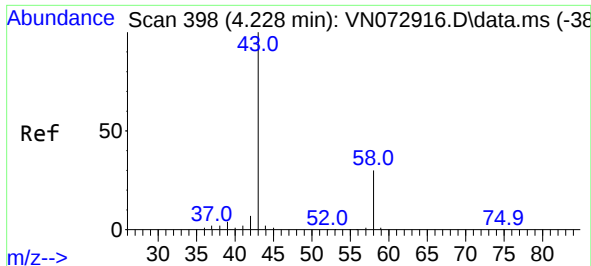
Tgt Ion: 41	Resp: 2680
Ion Ratio	Lower Upper
41 100	
39 0.0	53.2 79.8#
76 0.0	29.9 44.9#



#15
 Acrylonitrile
 Concen: 4.157 ug/l
 RT: 5.481 min Scan# 611
 Delta R.T. 0.006 min
 Lab File: VN073107.D
 Acq: 25 Jun 2022 13:51

Tgt Ion: 53	Resp: 11815
Ion Ratio	Lower Upper
53 100	
52 18.0	66.4 99.6#
51 57.5	28.5 42.7#

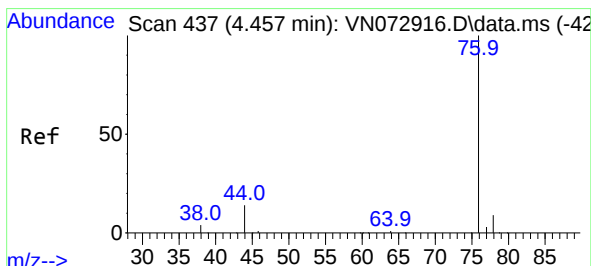
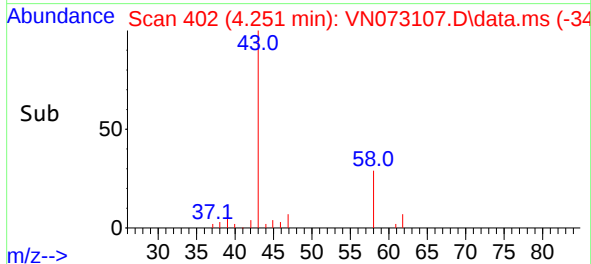
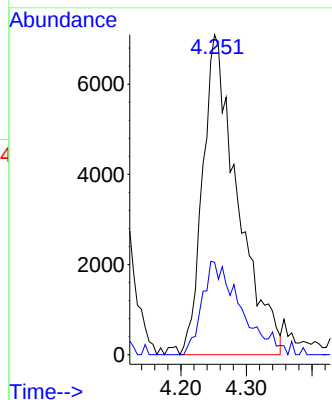
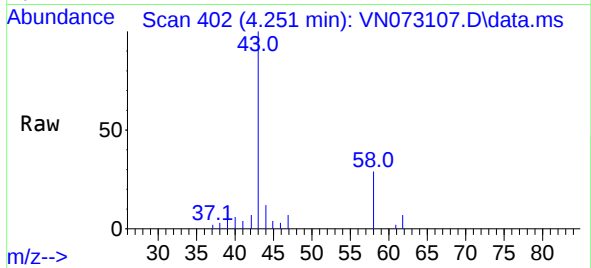




#16
Acetone
Concen: 10.027 ug/l
RT: 4.251 min Scan# 401
Delta R.T. 0.024 min
Lab File: VN073107.D
Acq: 25 Jun 2022 13:51

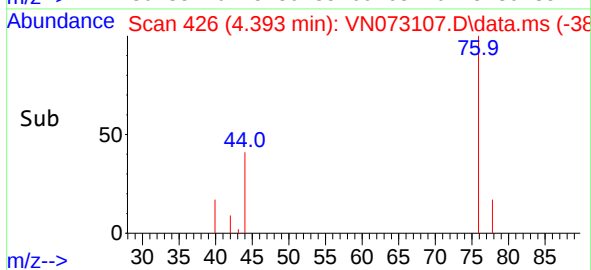
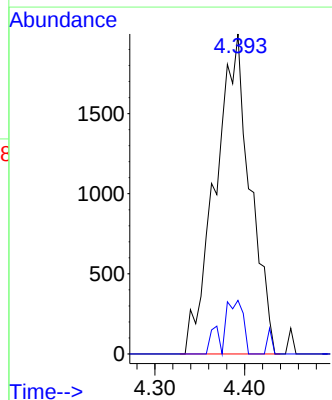
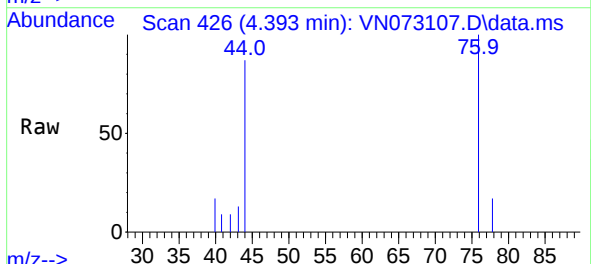
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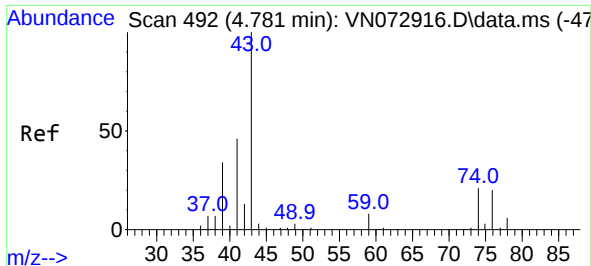
Tgt Ion: 43 Resp: 26308
Ion Ratio Lower Upper
43 100
58 28.8 26.0 39.0



#17
Carbon Disulfide
Concen: 0.622 ug/l
RT: 4.393 min Scan# 426
Delta R.T. -0.065 min
Lab File: VN073107.D
Acq: 25 Jun 2022 13:51

Tgt Ion: 76 Resp: 5390
Ion Ratio Lower Upper
76 100
78 16.7 7.2 10.8#

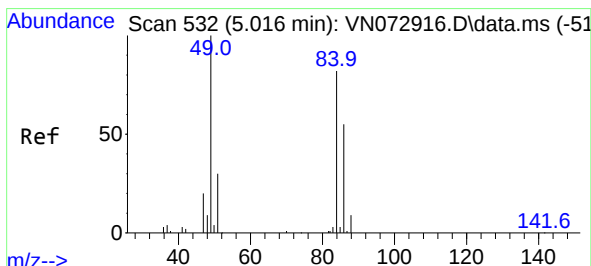
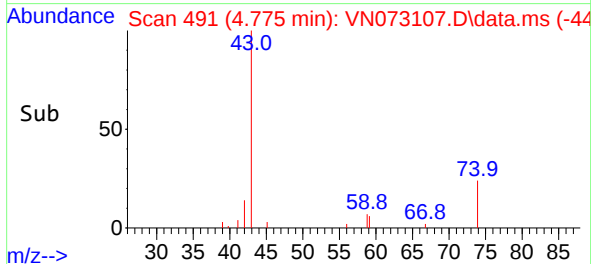
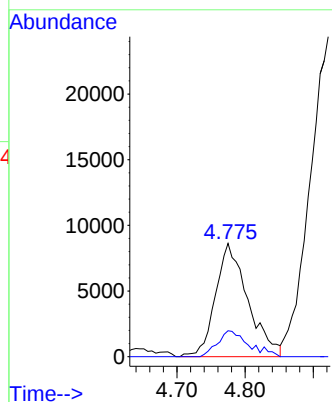
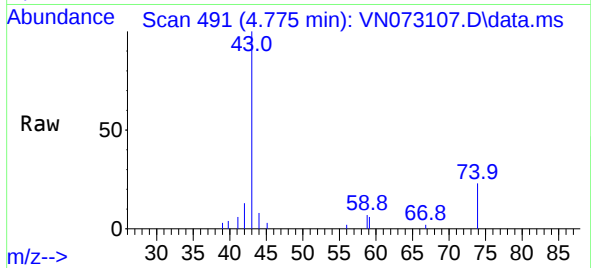




#18
Methyl Acetate
Concen: 4.067 ug/l
RT: 4.775 min Scan# 491
Delta R.T. -0.006 min
Lab File: VN073107.D
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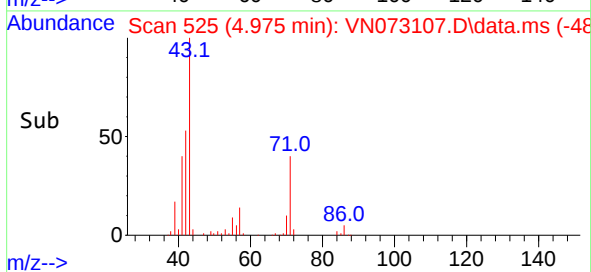
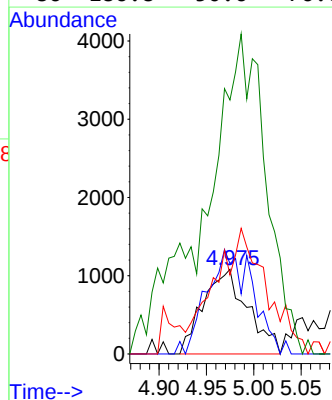
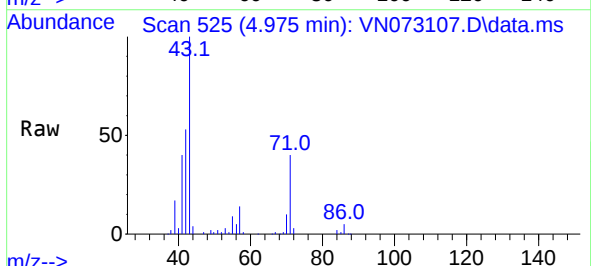
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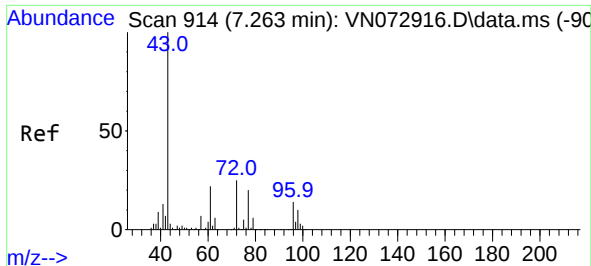
Tgt Ion: 43 Resp: 28414
Ion Ratio Lower Upper
43 100
74 22.0 21.6 32.4



#20
Methylene Chloride
Concen: 0.629 ug/l
RT: 4.975 min Scan# 525
Delta R.T. -0.041 min
Lab File: VN073107.D
Acq: 25 Jun 2022 13:51

Tgt Ion: 84 Resp: 3531
Ion Ratio Lower Upper
84 100
49 106.9 88.3 132.5
51 60.0 28.2 42.2#
86 186.8 50.6 76.0#

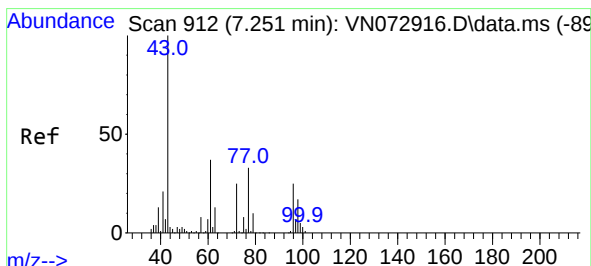
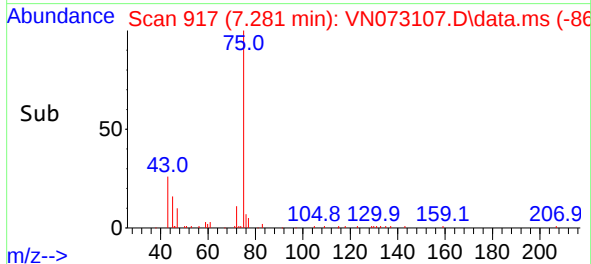
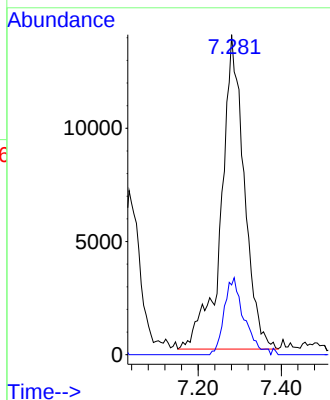
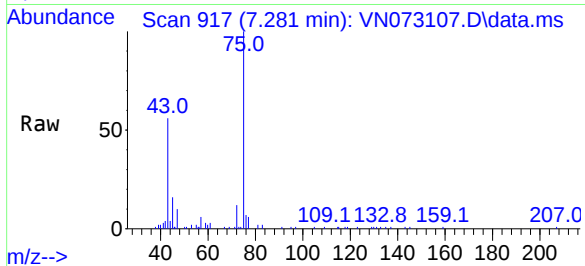




#25
2-Butanone
Concen: 12.861 ug/l
RT: 7.281 min Scan# 917
Delta R.T. 0.018 min
Lab File: VN073107.D
Acq: 25 Jun 2022 13:51

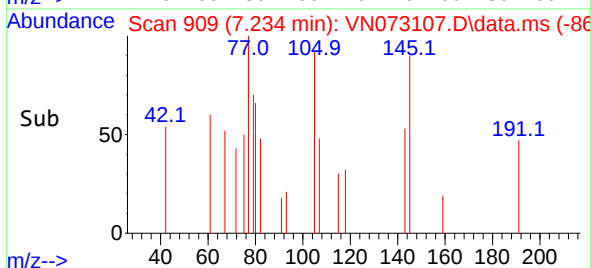
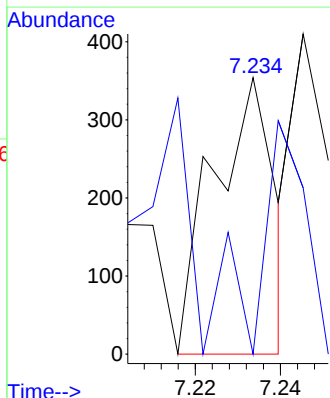
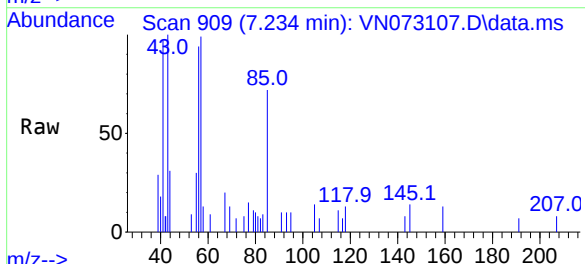
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ClientSampleId :
WC-14B-2-2-GR

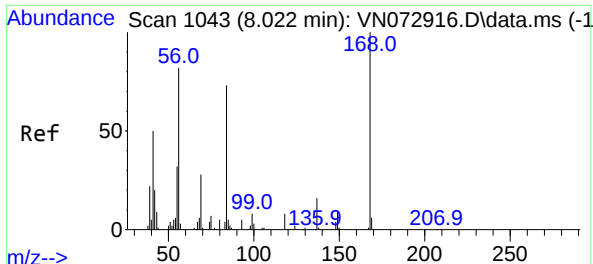
Tgt Ion: 43 Resp: 53544
Ion Ratio Lower Upper
43 100
72 22.2 23.7 35.5#



#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.234 min Scan# 909
Delta R.T. -0.017 min
Lab File: VN073107.D
Acq: 25 Jun 2022 13:51

Tgt Ion: 77 Resp: 357
Ion Ratio Lower Upper
77 100
97 50.7 11.4 34.2#





#31

Cyclohexane

Concen: 35.336 ug/l

RT: 8.004 min Scan# 1

Delta R.T. -0.018 min

Lab File: VN073107.D

Acq: 25 Jun 2022 13:51

Instrument :

MSVOA_N

ClientSampleId :

WC-14B-2-2-GR

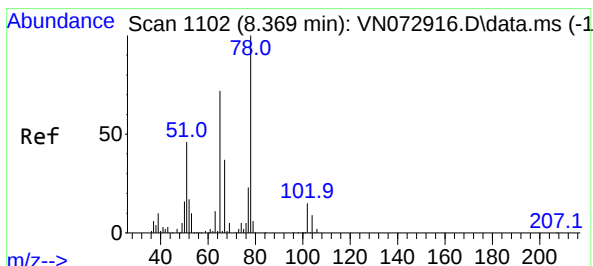
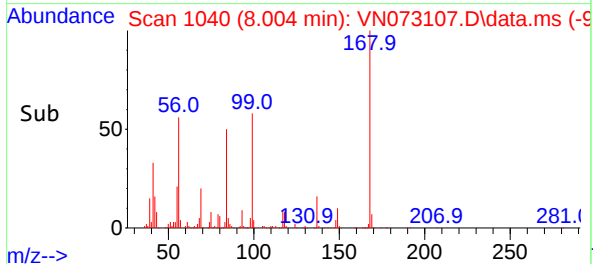
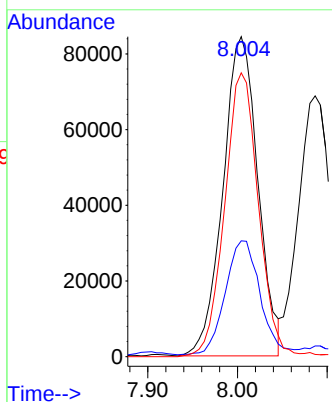
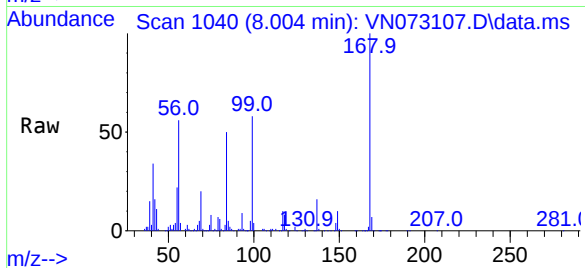
Tgt Ion: 56 Resp: 228136

Ion Ratio Lower Upper

56 100

69 35.7 27.8 41.8

84 88.9 76.9 115.3



#33

1,2-Dichloroethane-d4

Concen: 40.878 ug/l

RT: 8.363 min Scan# 1101

Delta R.T. -0.006 min

Lab File: VN073107.D

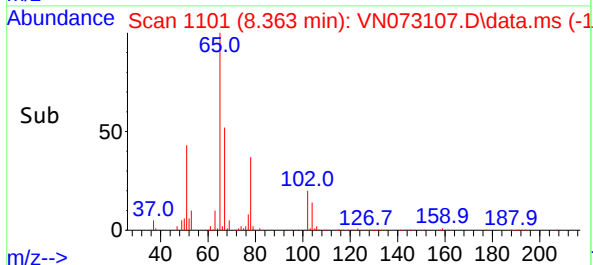
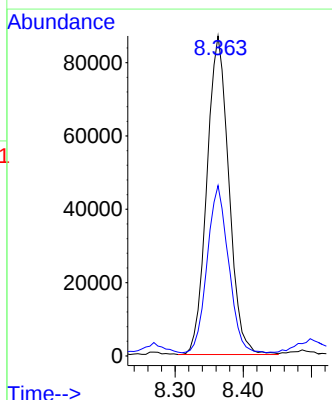
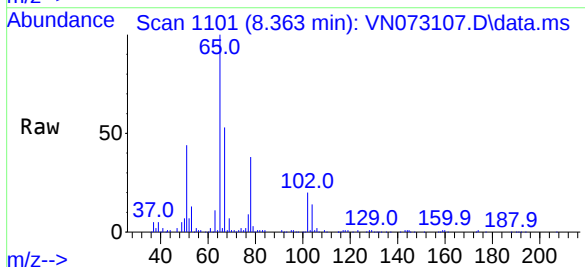
Acq: 25 Jun 2022 13:51

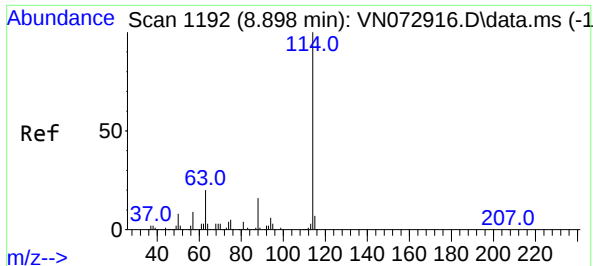
Tgt Ion: 65 Resp: 195105

Ion Ratio Lower Upper

65 100

67 50.8 0.0 104.8



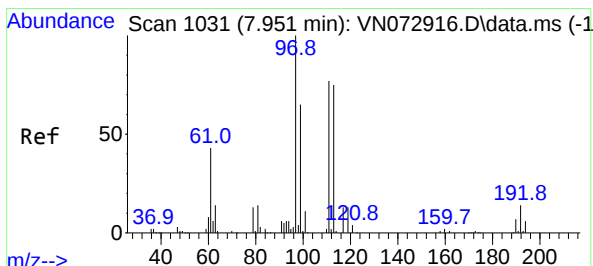
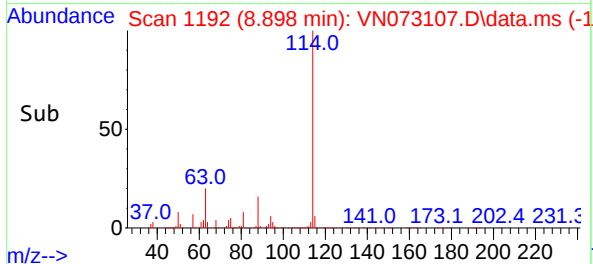
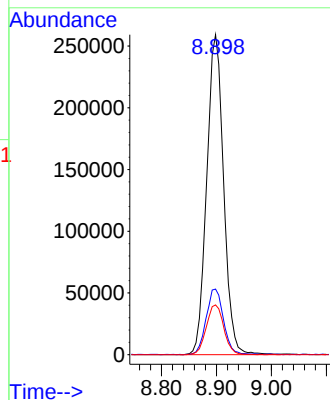
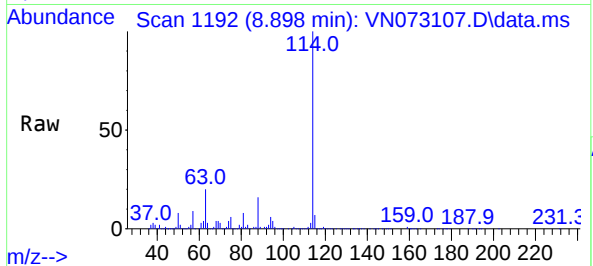


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.898 min Scan# 1192
Delta R.T. 0.000 min
Lab File: VN073107.D
Acq: 25 Jun 2022 13:51

Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-2-GR

Tgt Ion:114 Resp: 553628

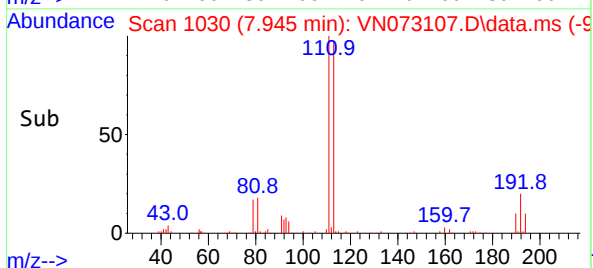
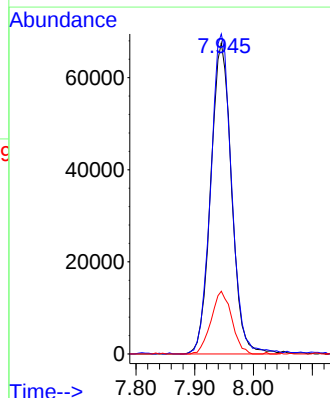
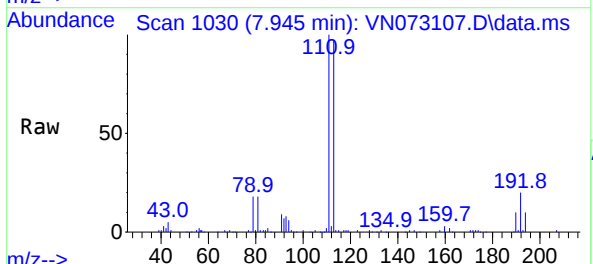
Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	40.0
88	15.6	0.0	32.6

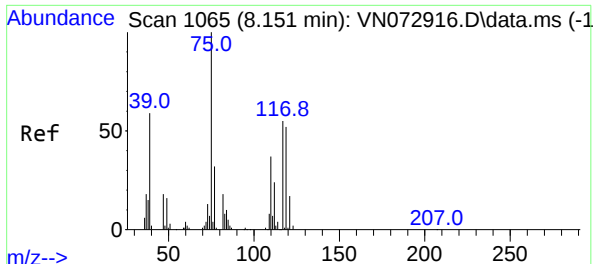


#35
Dibromofluoromethane
Concen: 48.616 ug/l
RT: 7.945 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VN073107.D
Acq: 25 Jun 2022 13:51

Tgt Ion:113 Resp: 166359

Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.4	122.0
192	19.9	17.0	25.6

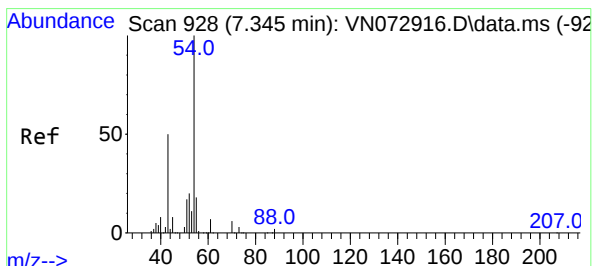
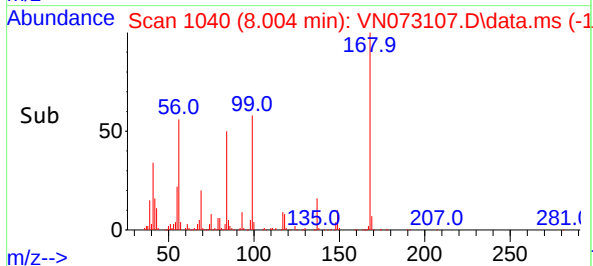
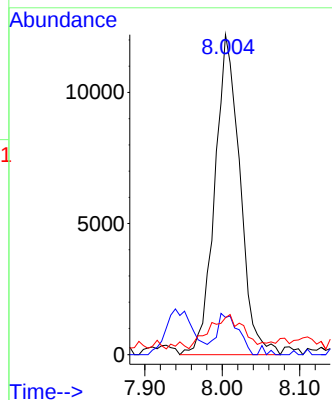
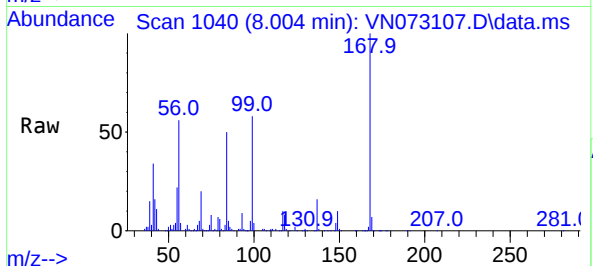




#36
1,1-Dichloropropene
Concen: 5.951 ug/l
RT: 8.004 min Scan# 1
Delta R.T. -0.147 min
Lab File: VN073107.D
Acq: 25 Jun 2022 13:51

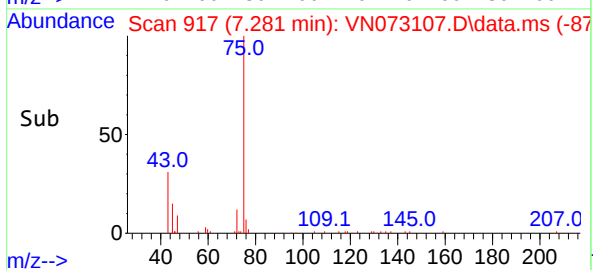
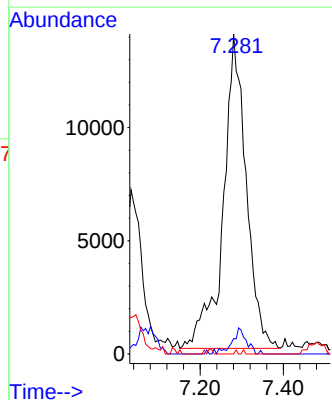
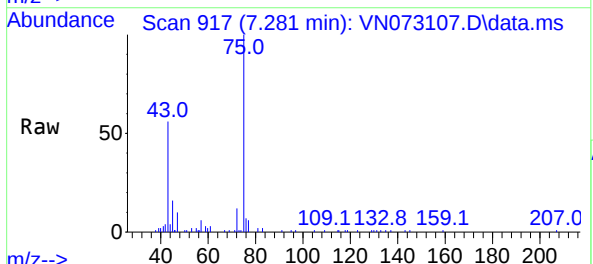
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-2-GR

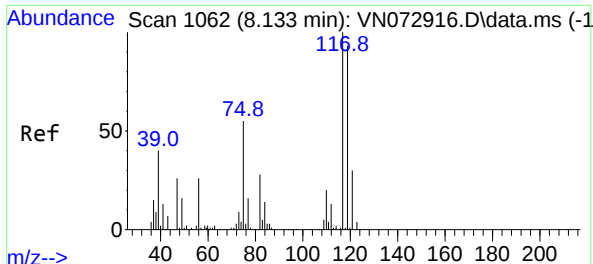
Tgt Ion: 75 Resp: 27555
Ion Ratio Lower Upper
75 100
110 11.0 18.3 54.8#
77 14.3 25.1 37.7#



#37
Ethyl Acetate
Concen: 7.230 ug/l
RT: 7.281 min Scan# 917
Delta R.T. -0.065 min
Lab File: VN073107.D
Acq: 25 Jun 2022 13:51

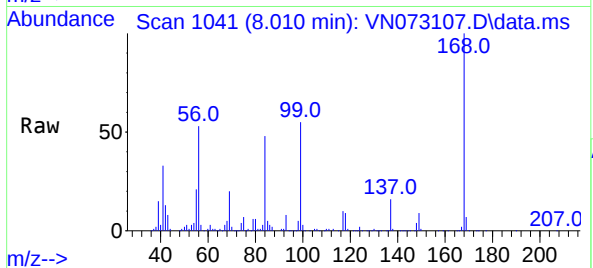
Tgt Ion: 43 Resp: 53544
Ion Ratio Lower Upper
43 100
61 5.1 11.8 17.6#
70 0.1 9.3 13.9#



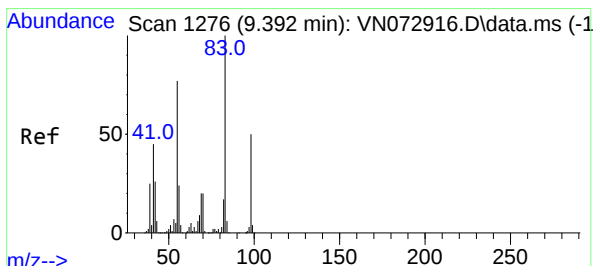
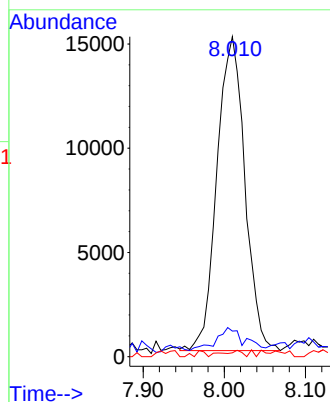
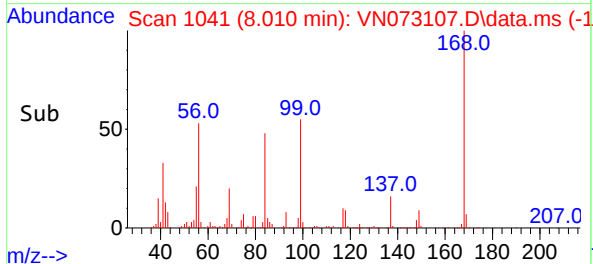


#38
Carbon Tetrachloride
Concen: 7.392 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.123 min
Lab File: VN073107.D
Acq: 25 Jun 2022 13:51

Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-2-GR

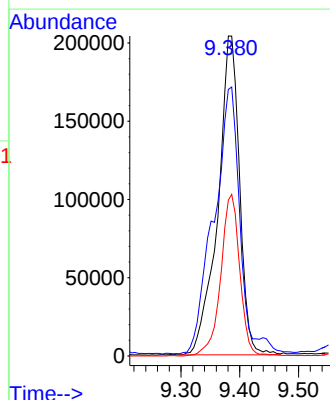
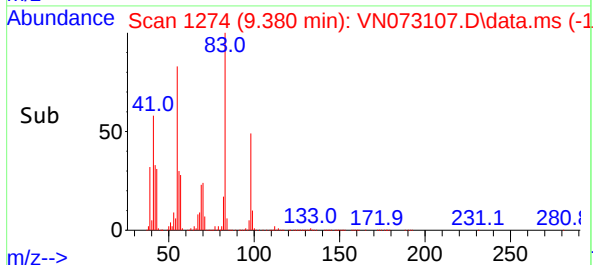
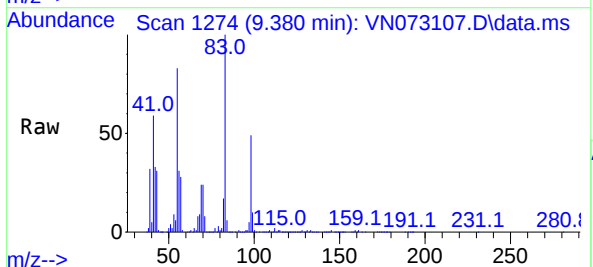


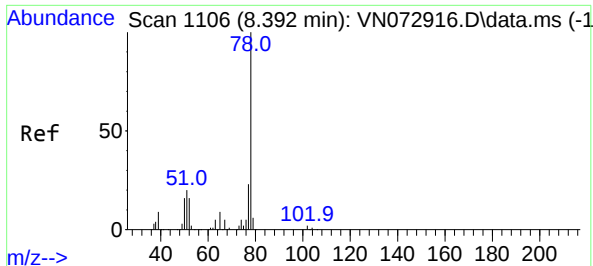
Tgt Ion:117 Resp: 36003
Ion Ratio Lower Upper
117 100
119 5.0 75.8 113.8#
121 1.2 24.6 37.0#



#39
Methylcyclohexane
Concen: 93.581 ug/l
RT: 9.380 min Scan# 1274
Delta R.T. -0.012 min
Lab File: VN073107.D
Acq: 25 Jun 2022 13:51

Tgt Ion: 83 Resp: 522279
Ion Ratio Lower Upper
83 100
55 82.9 57.8 86.8
98 48.9 39.4 59.2

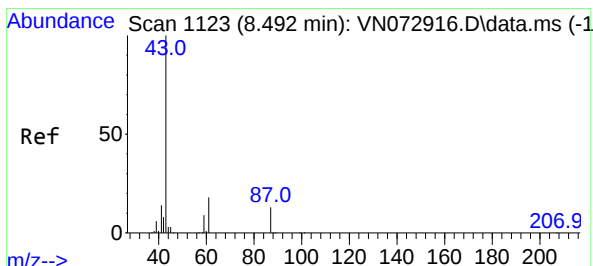
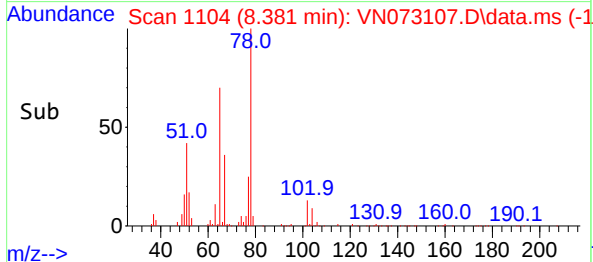
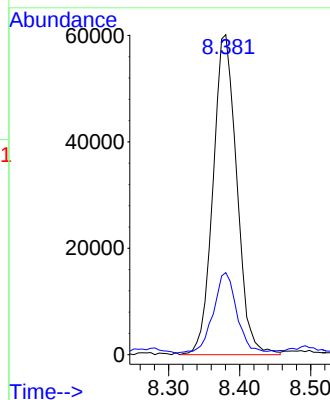
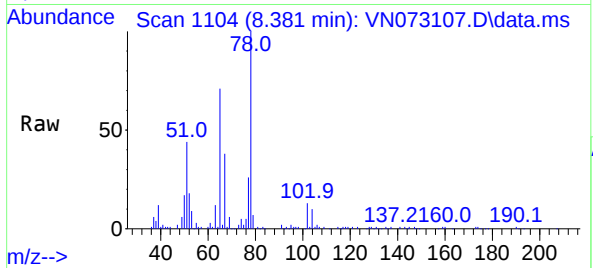




#40
Benzene
Concen: 9.578 ug/l
RT: 8.381 min Scan# 1119
Delta R.T. -0.012 min
Lab File: VN073107.D
Acq: 25 Jun 2022 13:51

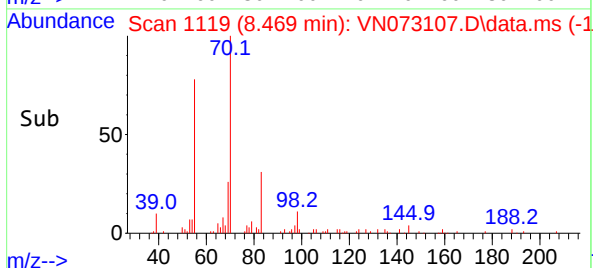
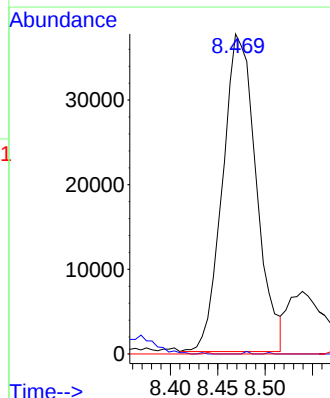
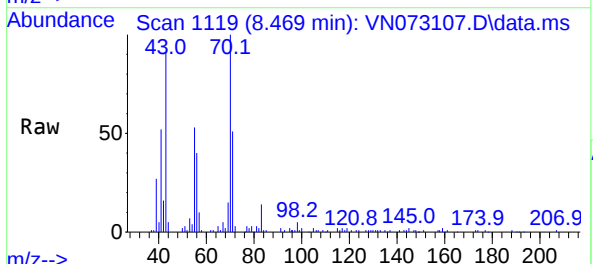
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-2-GR

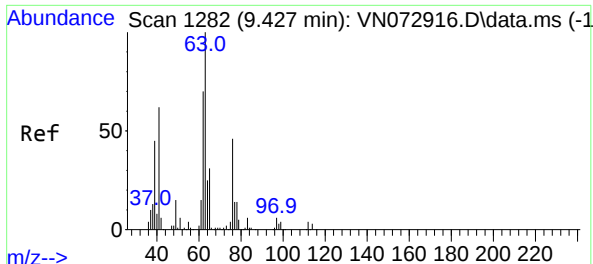
Tgt Ion: 78 Resp: 139376
Ion Ratio Lower Upper
78 100
77 24.9 19.4 29.0



#43
Isopropyl Acetate
Concen: 8.763 ug/l
RT: 8.469 min Scan# 1119
Delta R.T. -0.023 min
Lab File: VN073107.D
Acq: 25 Jun 2022 13:51

Tgt Ion: 43 Resp: 92777
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

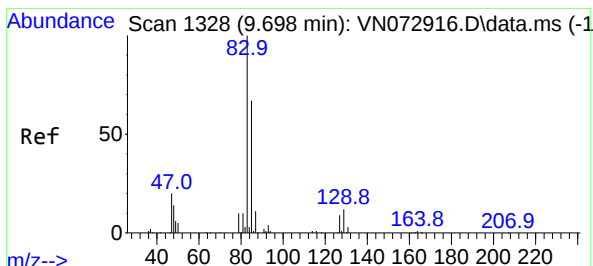
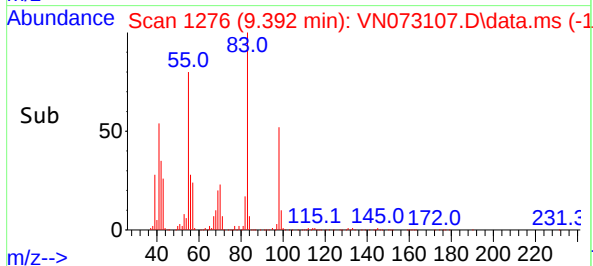
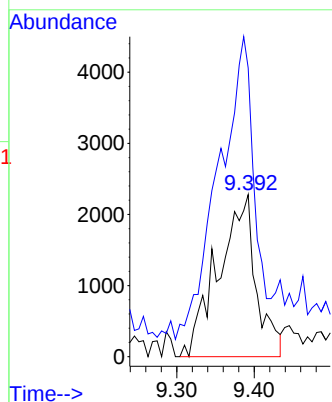
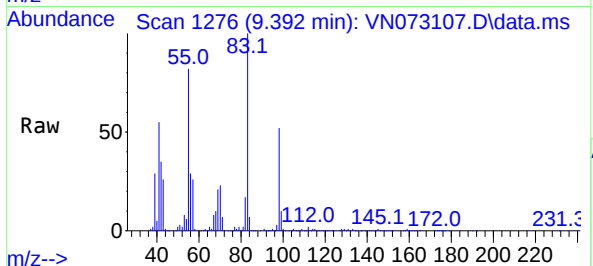




#45
1,2-Dichloropropane
Concen: 2.074 ug/l
RT: 9.392 min Scan# 11
Delta R.T. -0.035 min
Lab File: VN073107.D
Acq: 25 Jun 2022 13:51

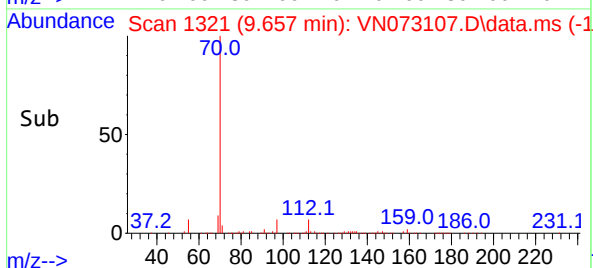
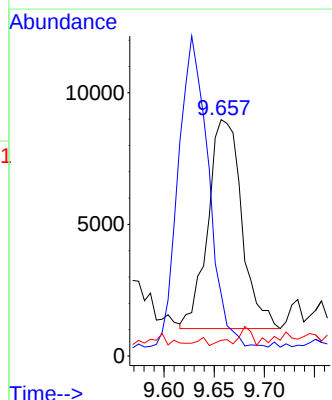
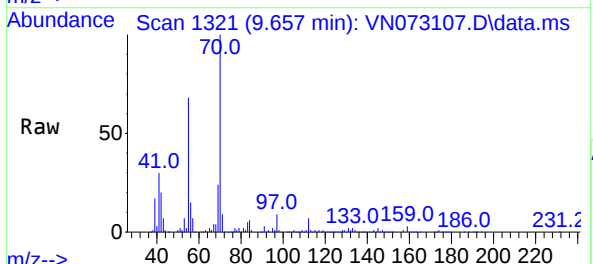
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-2-GR

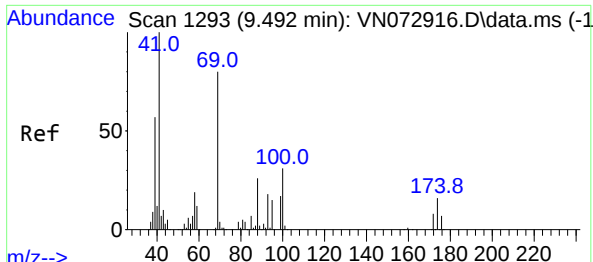
Tgt Ion: 63 Resp: 7713
Ion Ratio Lower Upper
63 100
65 158.1 24.9 37.3#



#47
Bromodichloromethane
Concen: 3.724 ug/l
RT: 9.657 min Scan# 1321
Delta R.T. -0.041 min
Lab File: VN073107.D
Acq: 25 Jun 2022 13:51

Tgt Ion: 83 Resp: 18613
Ion Ratio Lower Upper
83 100
85 25.4 50.5 75.7#
127 1.3 6.8 10.2#

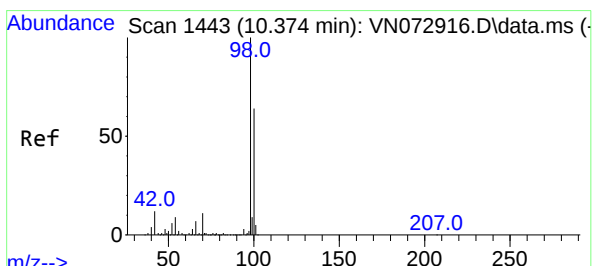
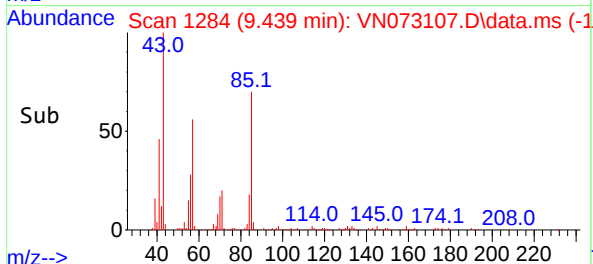
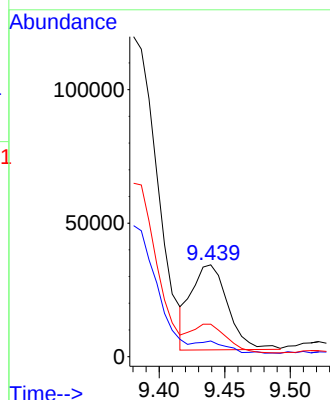
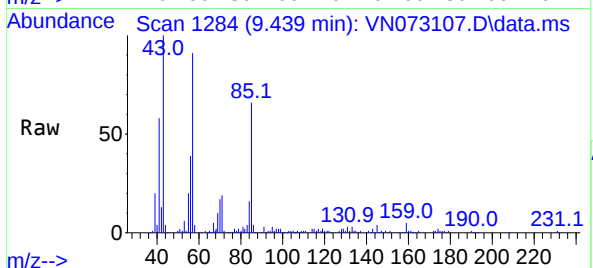




#48
Methyl methacrylate
Concen: 12.786 ug/l
RT: 9.439 min Scan# 11
Delta R.T. -0.053 min
Lab File: VN073107.D
Acq: 25 Jun 2022 13:51

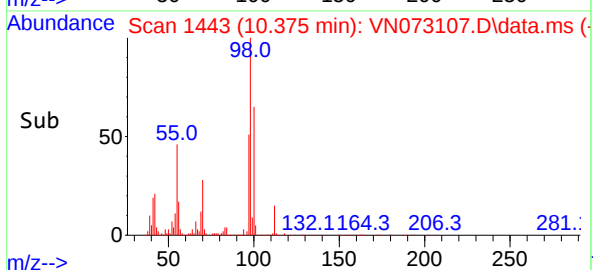
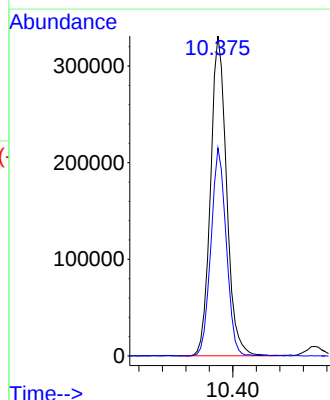
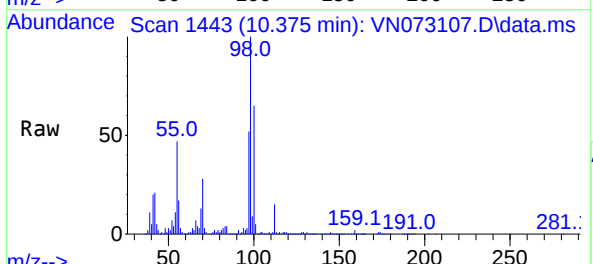
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-2-GR

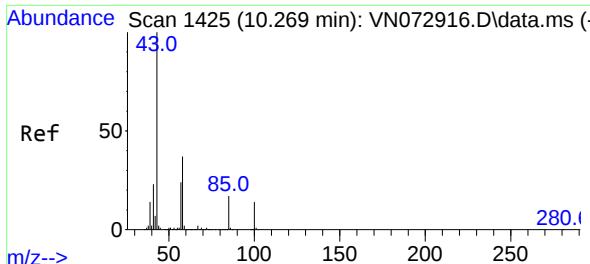
Tgt Ion: 41 Resp: 61802
Ion Ratio Lower Upper
41 100
69 0.0 74.7 112.1#
39 30.5 45.6 68.4#



#50
Toluene-d8
Concen: 49.308 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN073107.D
Acq: 25 Jun 2022 13:51

Tgt Ion: 98 Resp: 627841
Ion Ratio Lower Upper
98 100
100 61.9 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 2.174 ug/l

RT: 10.298 min Scan# 1425

Delta R.T. 0.029 min

Lab File: VN073107.D

Acq: 25 Jun 2022 13:51

Instrument :

MSVOA_N

ClientSampleId :

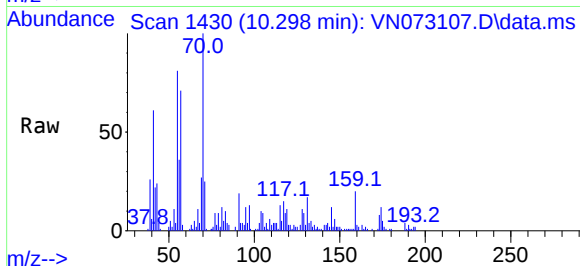
WC-14B-2-2-GR

Tgt Ion: 43 Resp: 15008

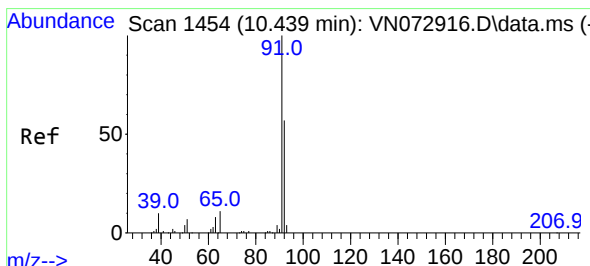
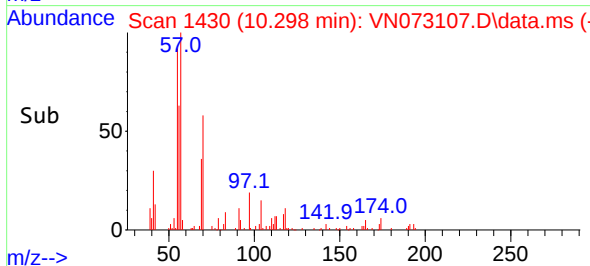
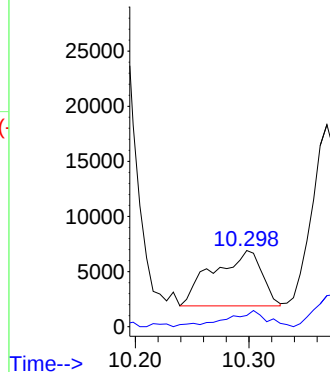
Ion Ratio Lower Upper

43 100

58 23.6 34.1 51.1#



Abundance



#52

Toluene

Concen: 14.251 ug/l

RT: 10.439 min Scan# 1454

Delta R.T. 0.000 min

Lab File: VN073107.D

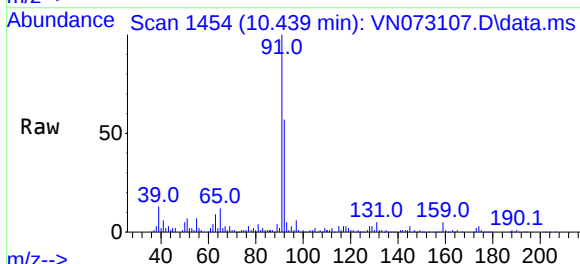
Acq: 25 Jun 2022 13:51

Tgt Ion: 92 Resp: 127321

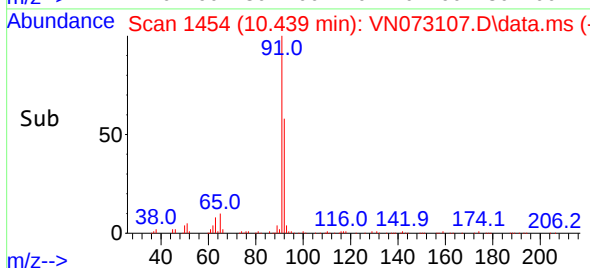
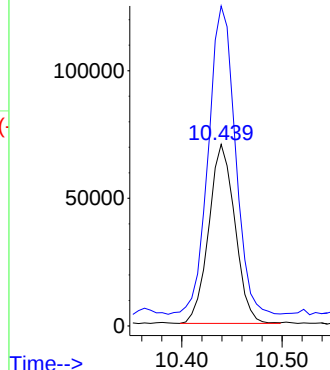
Ion Ratio Lower Upper

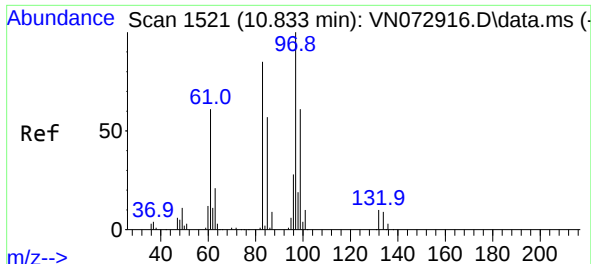
92 100

91 176.9 138.6 207.8



Abundance

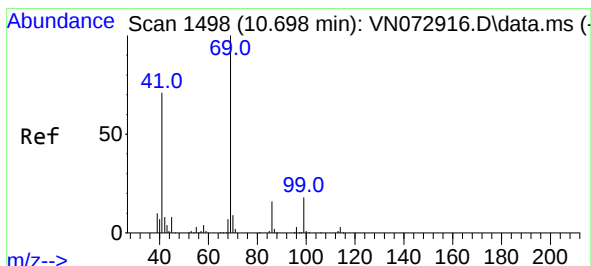
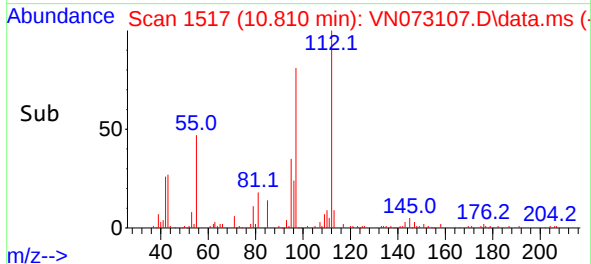
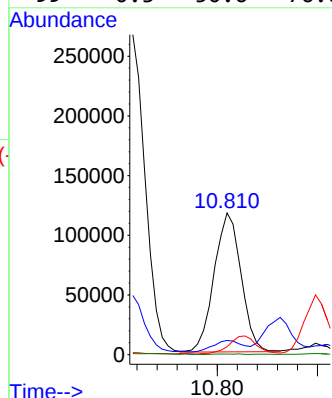
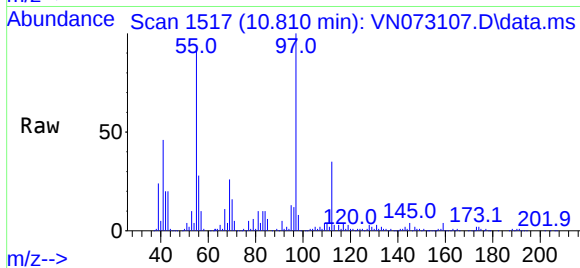




#55
1,1,2-Trichloroethane
Concen: 55.423 ug/l
RT: 10.810 min Scan# 1501
Delta R.T. -0.023 min
Lab File: VN073107.D
Acq: 25 Jun 2022 13:51

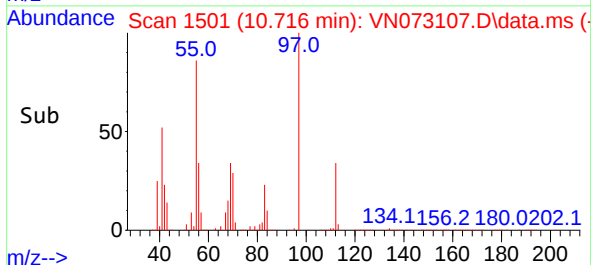
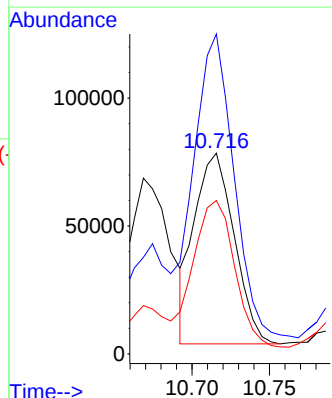
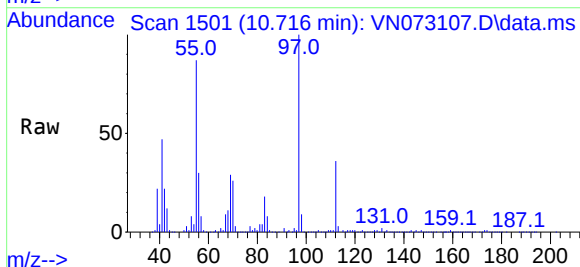
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-2-GR

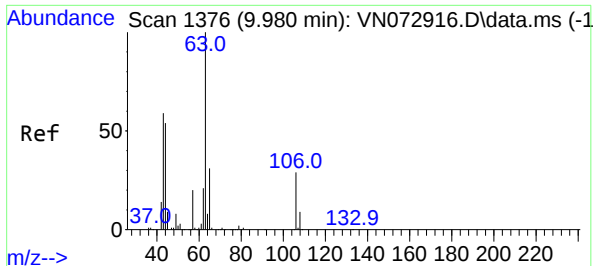
Tgt Ion: 97 Resp: 217410
Ion Ratio Lower Upper
97 100
83 7.8 66.2 99.4#
85 4.9 43.9 65.9#
99 0.3 50.6 76.0#



#56
Ethyl methacrylate
Concen: 21.129 ug/l
RT: 10.716 min Scan# 1501
Delta R.T. 0.018 min
Lab File: VN073107.D
Acq: 25 Jun 2022 13:51

Tgt Ion: 69 Resp: 132846
Ion Ratio Lower Upper
69 100
41 161.4 47.8 71.6#
39 79.9 27.3 40.9#

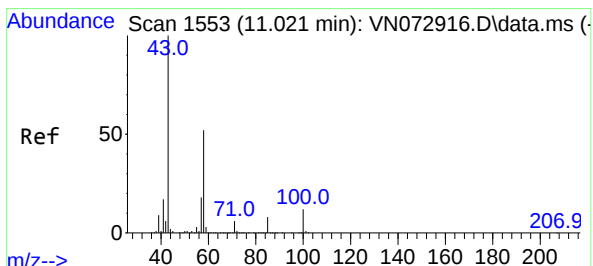
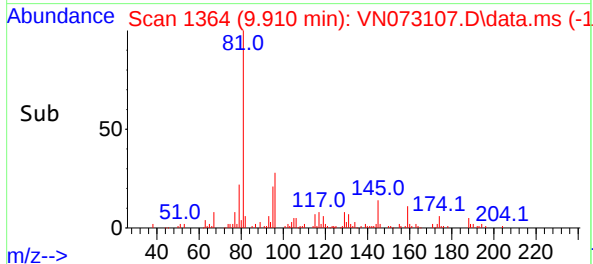
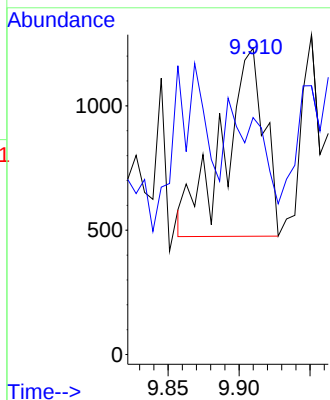
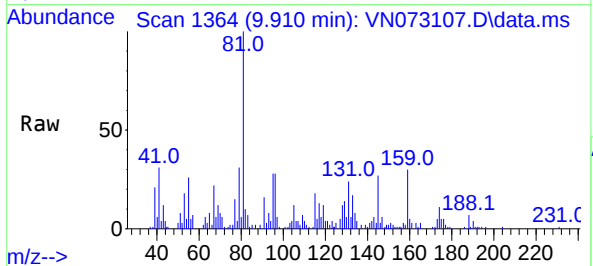




#58
2-Chloroethyl Vinyl ether
Concen: 0.540 ug/l
RT: 9.910 min Scan# 11
Delta R.T. -0.071 min
Lab File: VN073107.D
Acq: 25 Jun 2022 13:51

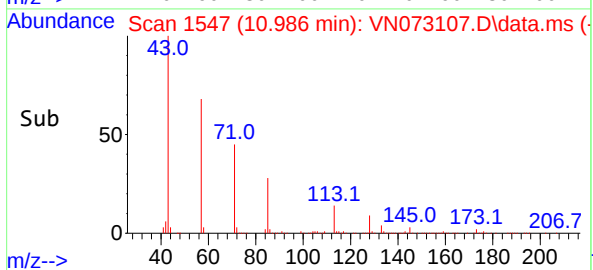
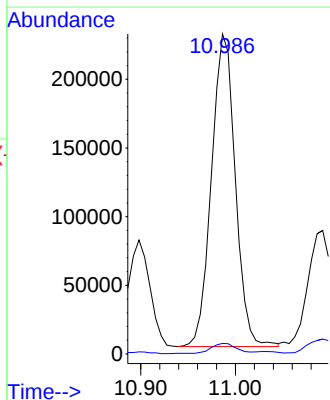
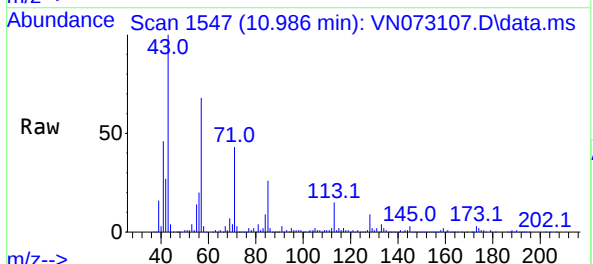
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-2-GR

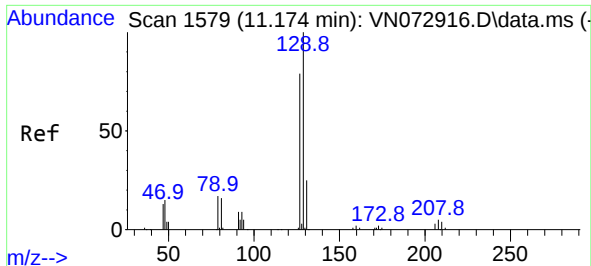
Tgt Ion: 63 Resp: 1500
Ion Ratio Lower Upper
63 100
106 26.7 24.6 36.8



#59
2-Hexanone
Concen: 74.556 ug/l
RT: 10.986 min Scan# 1547
Delta R.T. -0.035 min
Lab File: VN073107.D
Acq: 25 Jun 2022 13:51

Tgt Ion: 43 Resp: 398099
Ion Ratio Lower Upper
43 100
58 3.5 29.7 89.1#

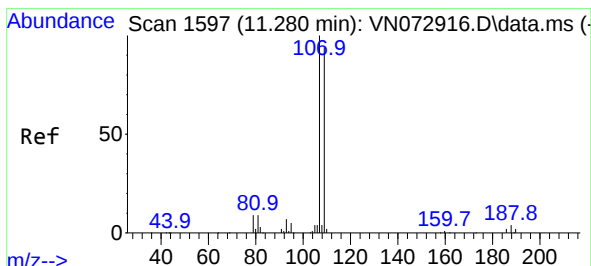
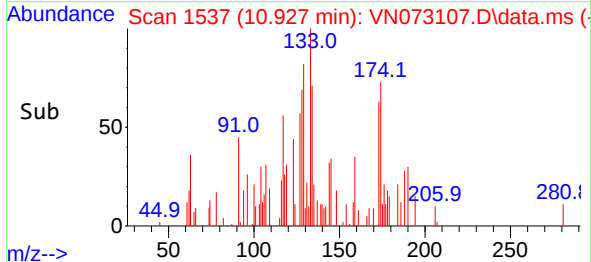
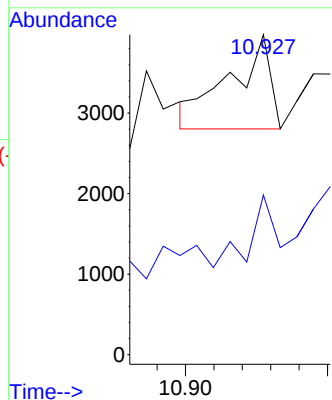
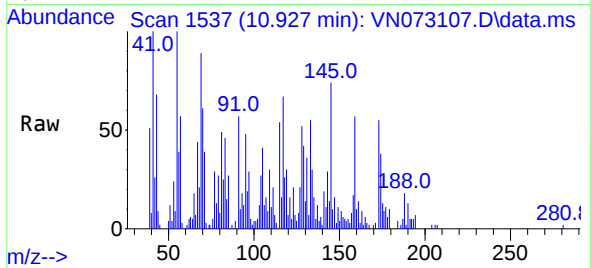




#60
Dibromochloromethane
Concen: 0.310 ug/l
RT: 10.927 min Scan# 11
Delta R.T. -0.247 min
Lab File: VN073107.D
Acq: 25 Jun 2022 13:51

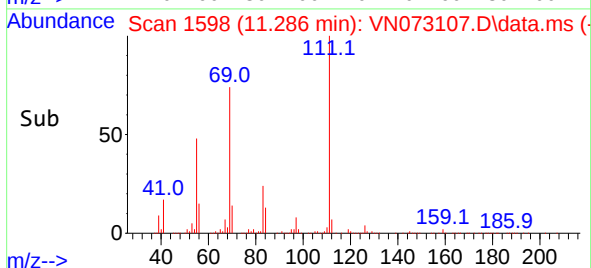
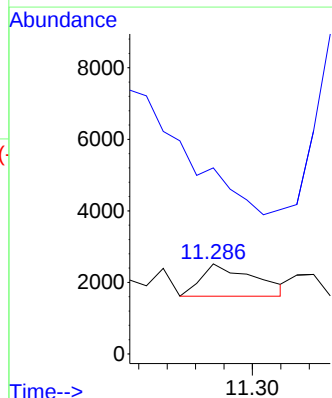
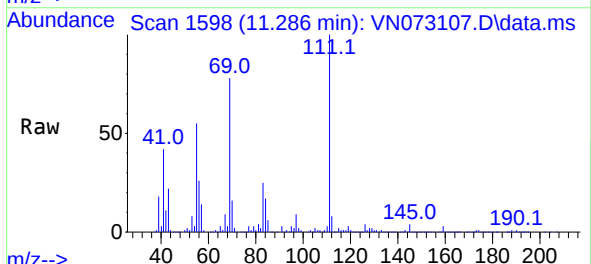
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-2-GR

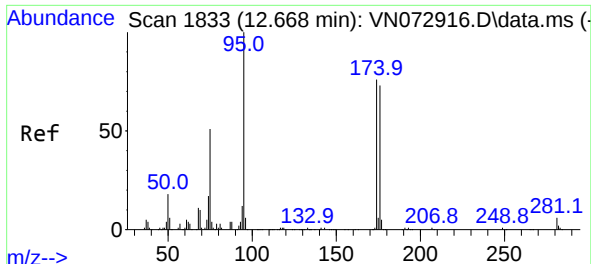
Tgt Ion:129 Resp: 1150
Ion Ratio Lower Upper
129 100
127 58.7 38.8 116.4



#61
1,2-Dibromoethane
Concen: 0.302 ug/l
RT: 11.286 min Scan# 1598
Delta R.T. 0.006 min
Lab File: VN073107.D
Acq: 25 Jun 2022 13:51

Tgt Ion:107 Resp: 1166
Ion Ratio Lower Upper
107 100
109 0.0 75.0 112.6#

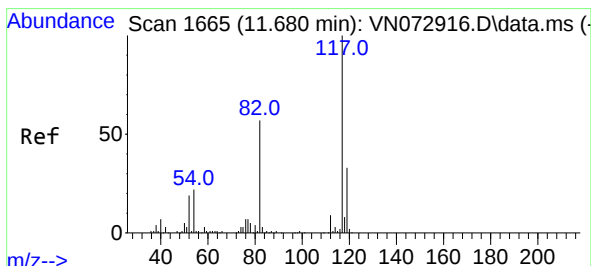
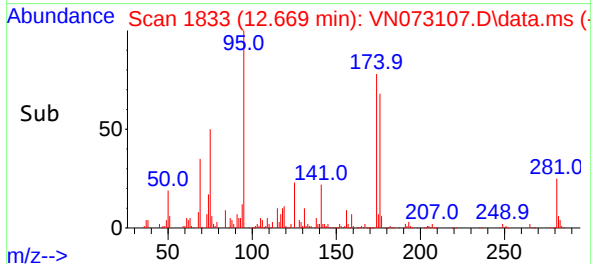
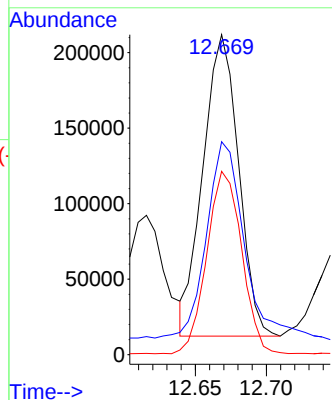
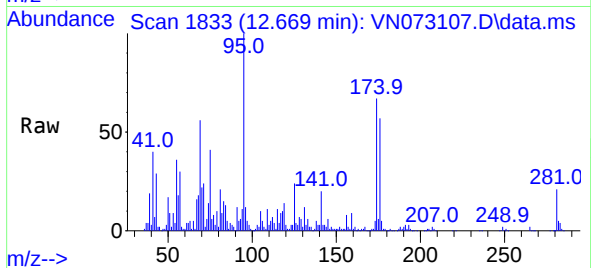




#62
4-Bromofluorobenzene
Concen: 75.913 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN073107.D
Acq: 25 Jun 2022 13:51

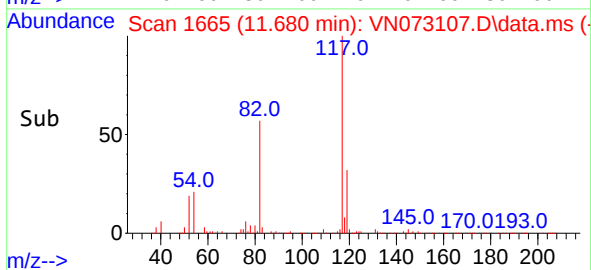
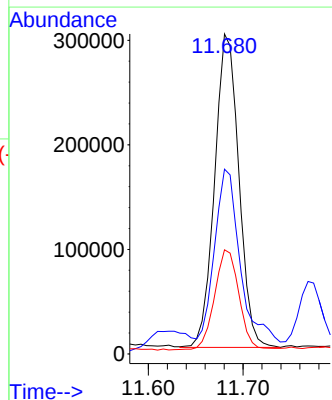
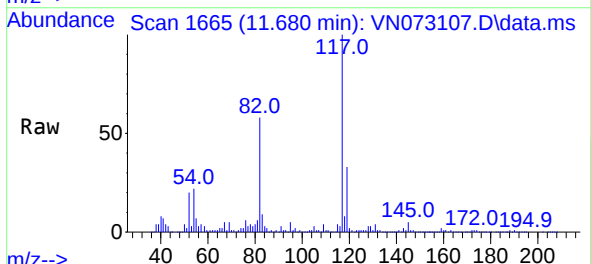
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-2-GR

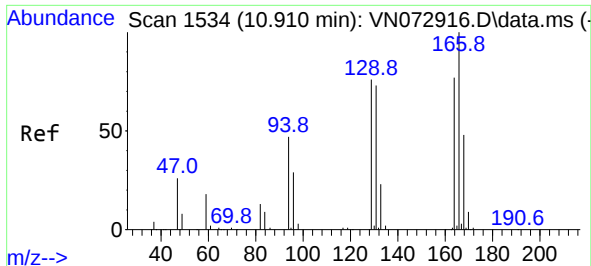
Tgt Ion: 95 Resp: 347579
Ion Ratio Lower Upper
95 100
174 88.5 0.0 167.6
176 59.4 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073107.D
Acq: 25 Jun 2022 13:51

Tgt Ion: 117 Resp: 532867
Ion Ratio Lower Upper
117 100
82 55.2 44.2 66.2
119 31.8 25.4 38.0

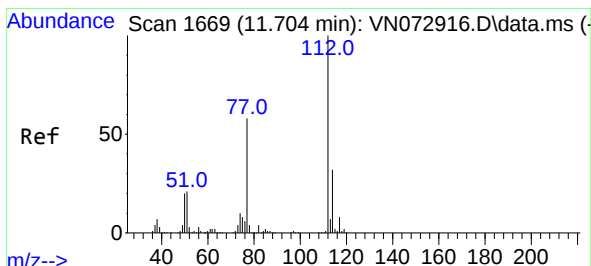
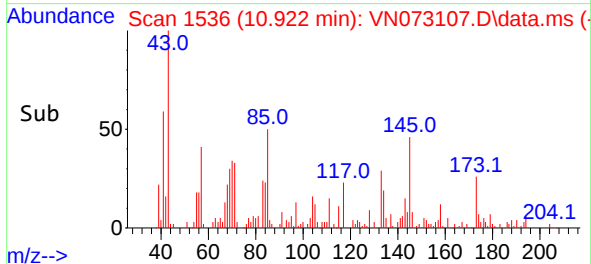
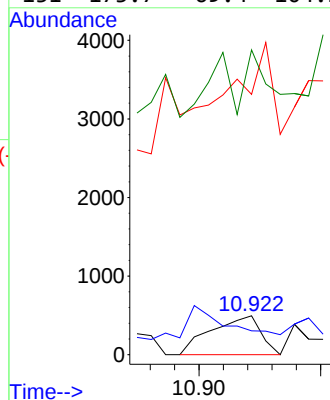
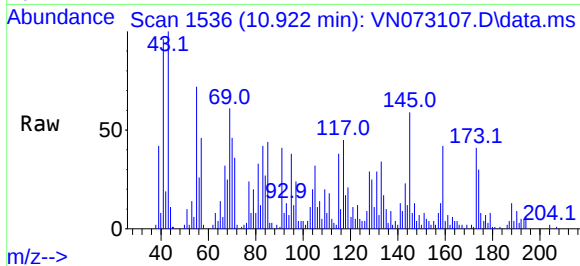




#64
Tetrachloroethene
Concen: 0.217 ug/l
RT: 10.922 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN073107.D
Acq: 25 Jun 2022 13:51

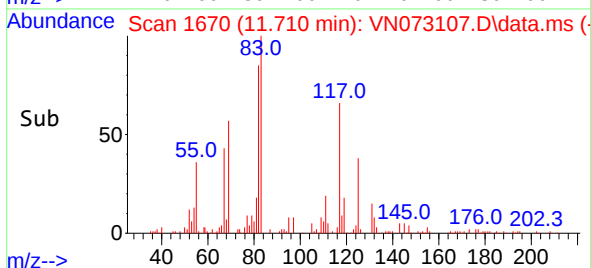
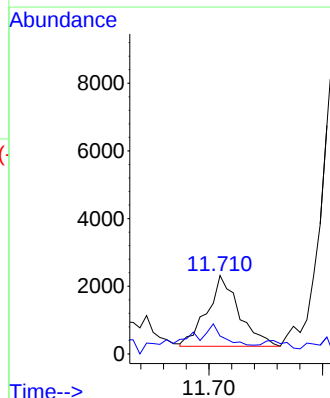
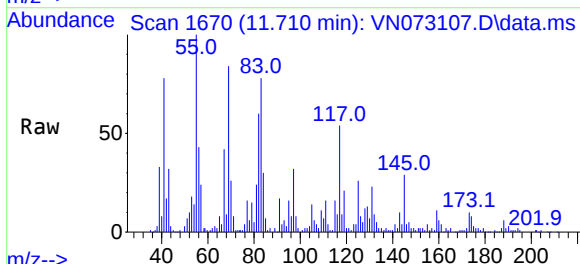
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-2-GR

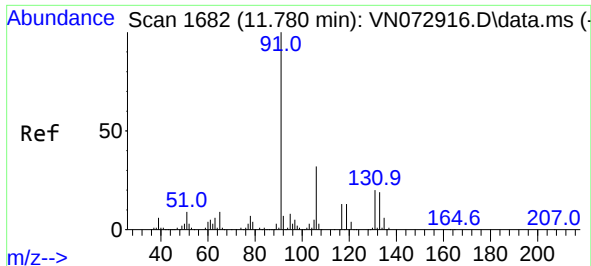
Tgt Ion:164 Resp: 702
Ion Ratio Lower Upper
164 100
166 18.2 104.2 156.2#
129 103.0 73.9 110.9
131 173.7 69.4 104.2#



#65
Chlorobenzene
Concen: 0.394 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. 0.006 min
Lab File: VN073107.D
Acq: 25 Jun 2022 13:51

Tgt Ion:112 Resp: 4101
Ion Ratio Lower Upper
112 100
114 10.8 25.4 38.2#

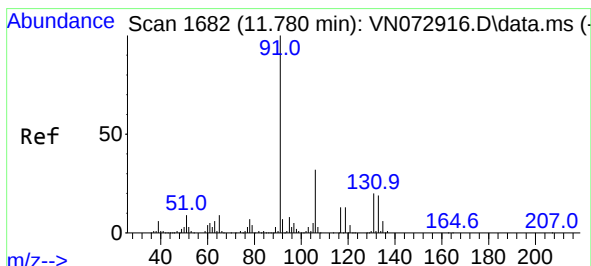
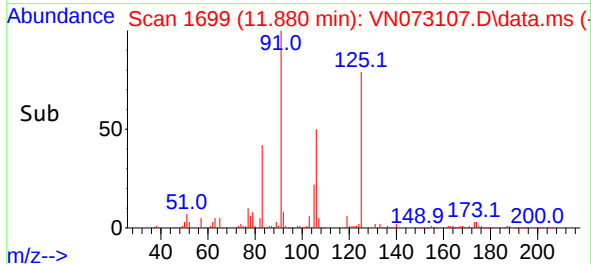
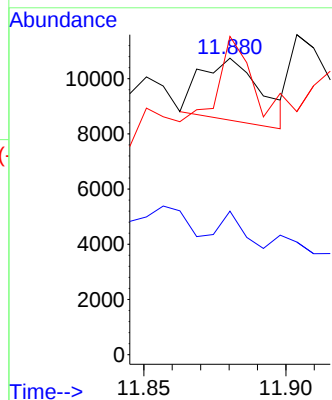
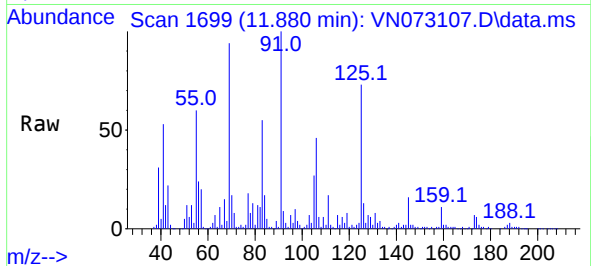




#66
1,1,1,2-Tetrachloroethane
Concen: 0.812 ug/l
RT: 11.880 min Scan# 1699
Delta R.T. 0.100 min
Lab File: VN073107.D
Acq: 25 Jun 2022 13:51

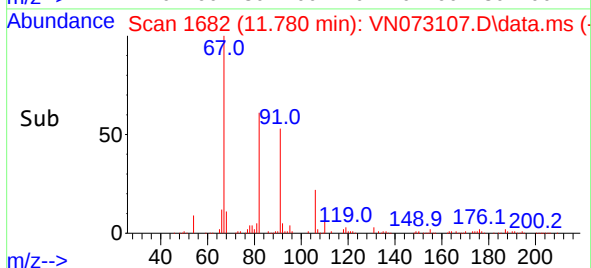
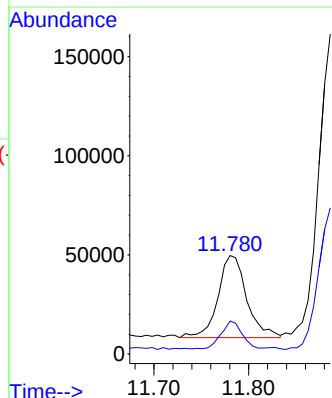
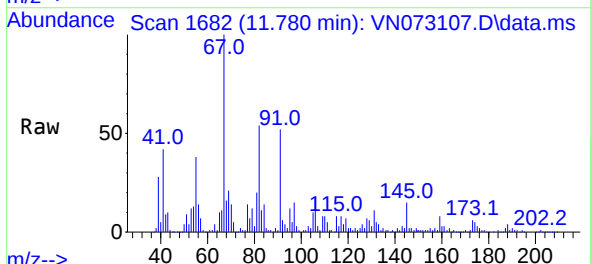
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-GR

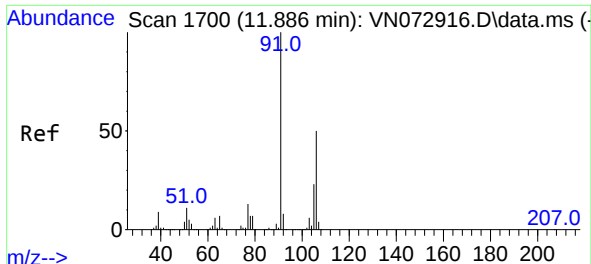
Tgt Ion:131 Resp: 3218
Ion Ratio Lower Upper
131 100
133 0.0 47.8 143.4#
119 0.0 33.4 100.2#



#67
Ethyl Benzene
Concen: 4.775 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073107.D
Acq: 25 Jun 2022 13:51

Tgt Ion: 91 Resp: 87475
Ion Ratio Lower Upper
91 100
106 33.7 24.9 37.3

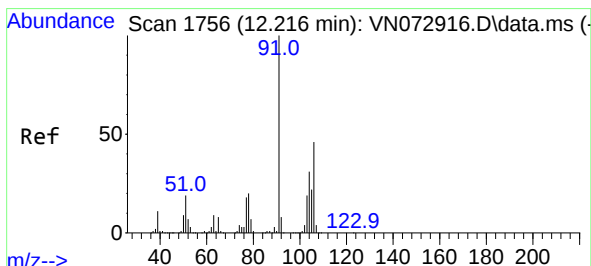
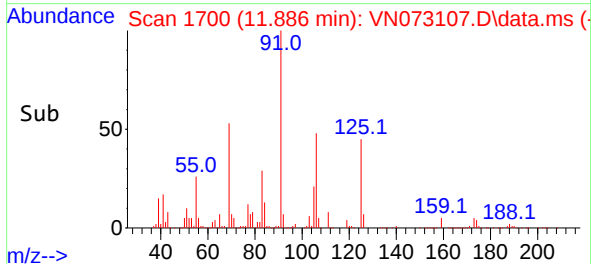
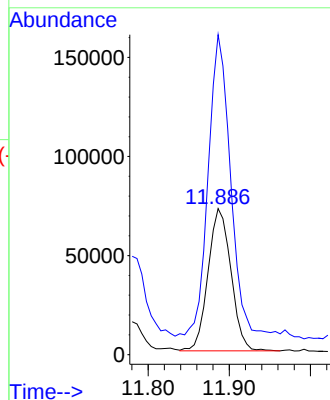
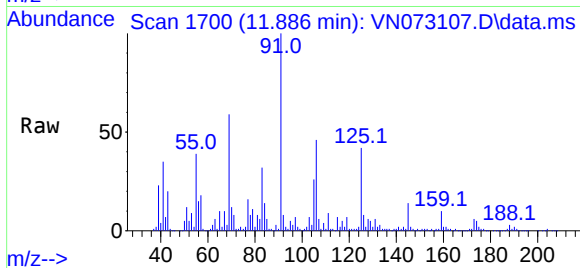




#68
m/p-Xylenes
Concen: 19.613 ug/l
RT: 11.886 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VN073107.D
Acq: 25 Jun 2022 13:51

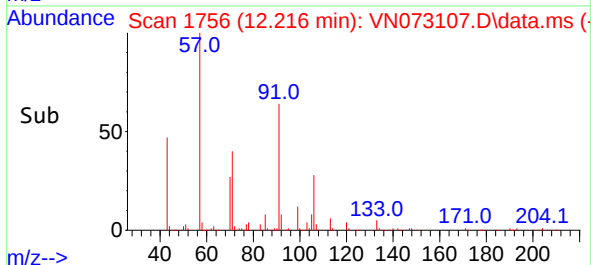
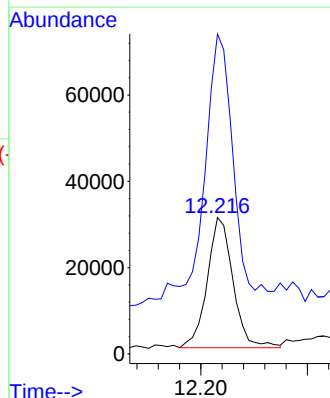
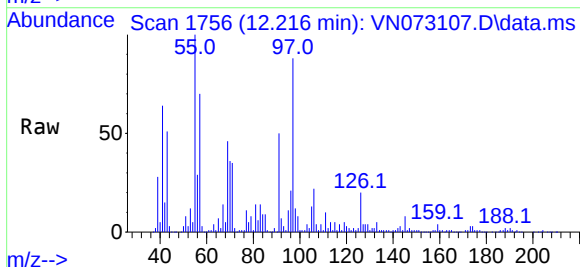
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-2-GR

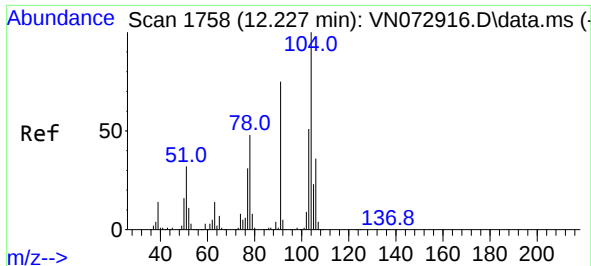
Tgt Ion:106 Resp: 140926
Ion Ratio Lower Upper
106 100
91 204.6 158.9 238.3



#69
o-Xylene
Concen: 7.058 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. 0.000 min
Lab File: VN073107.D
Acq: 25 Jun 2022 13:51

Tgt Ion:106 Resp: 50671
Ion Ratio Lower Upper
106 100
91 266.0 106.0 318.0

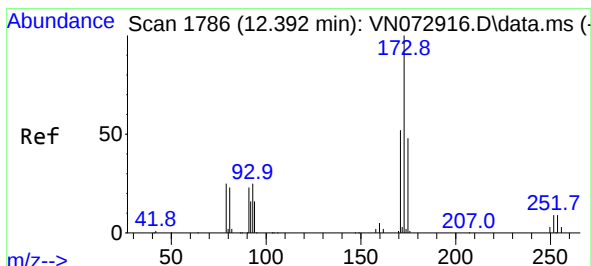
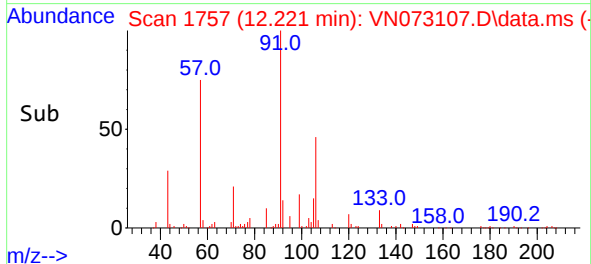
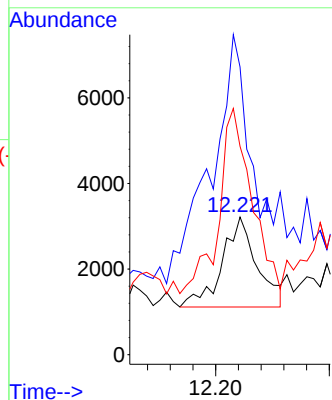
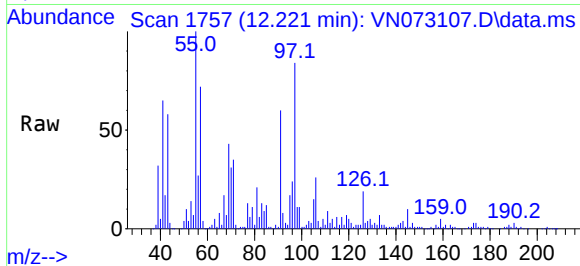




#70
Styrene
Concen: 0.390 ug/l
RT: 12.221 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN073107.D
Acq: 25 Jun 2022 13:51

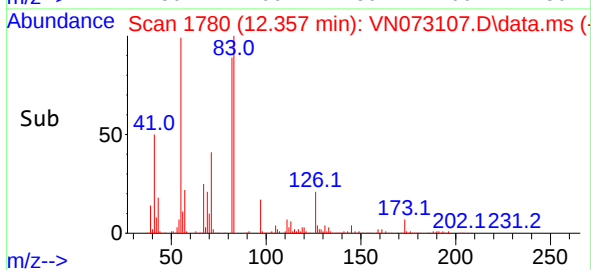
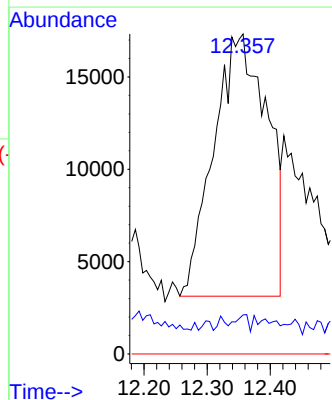
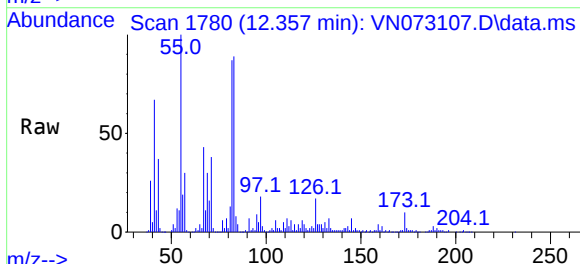
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-2-GR

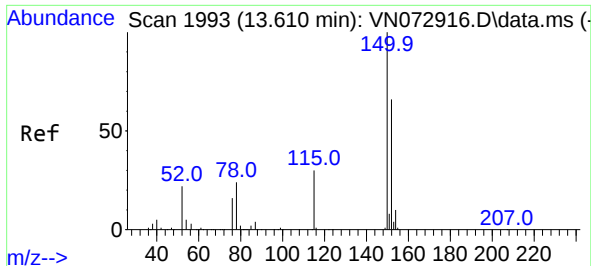
Tgt Ion:104 Resp: 4501
Ion Ratio Lower Upper
104 100
78 349.8 39.5 59.3#
103 192.4 44.0 66.0#



#71
Bromoform
Concen: 28.020 ug/l
RT: 12.357 min Scan# 1780
Delta R.T. -0.035 min
Lab File: VN073107.D
Acq: 25 Jun 2022 13:51

Tgt Ion:173 Resp: 83683
Ion Ratio Lower Upper
173 100
175 1.5 24.6 73.6#
254 0.0 0.1 0.1#

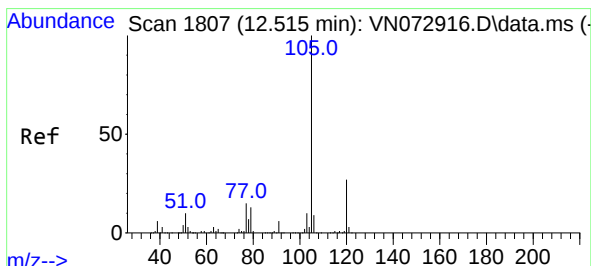
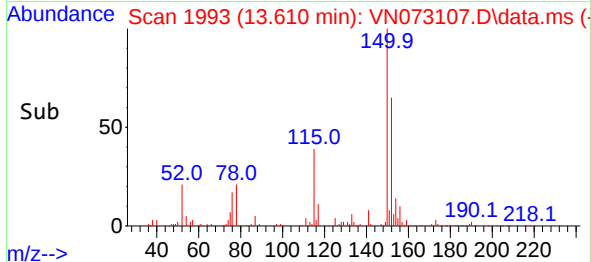
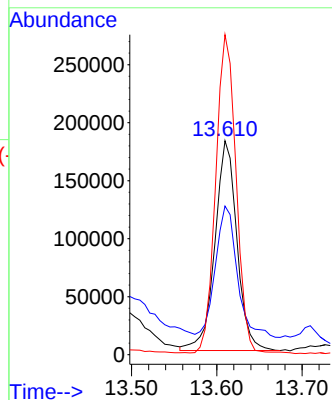
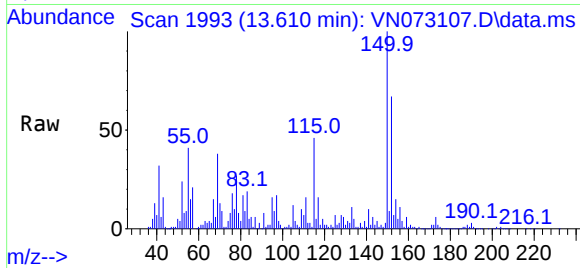




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VN073107.D
Acq: 25 Jun 2022 13:51

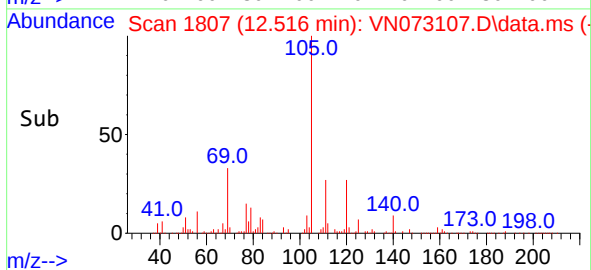
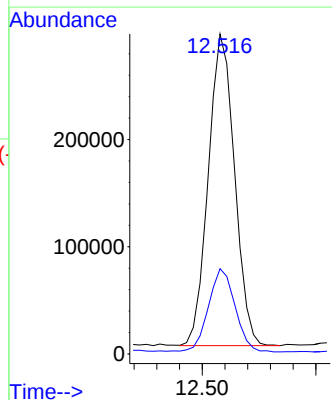
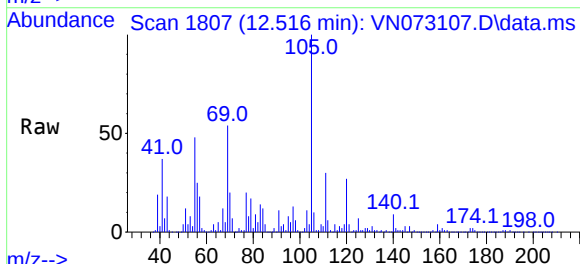
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-2-GR

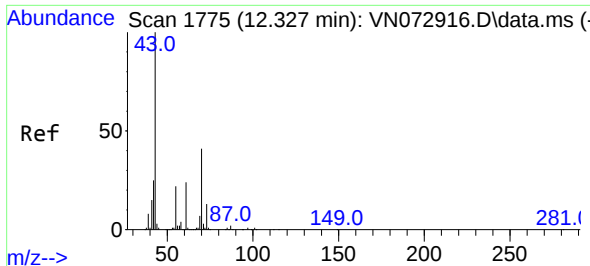
Tgt Ion:152 Resp: 325405
Ion Ratio Lower Upper
152 100
115 62.0 28.9 86.7
150 140.9 0.0 356.2



#73
Isopropylbenzene
Concen: 18.547 ug/l
RT: 12.516 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN073107.D
Acq: 25 Jun 2022 13:51

Tgt Ion:105 Resp: 466896
Ion Ratio Lower Upper
105 100
120 27.0 13.5 40.4

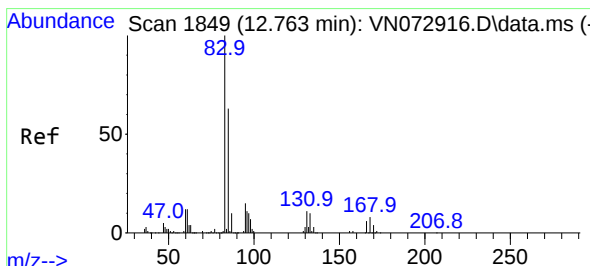
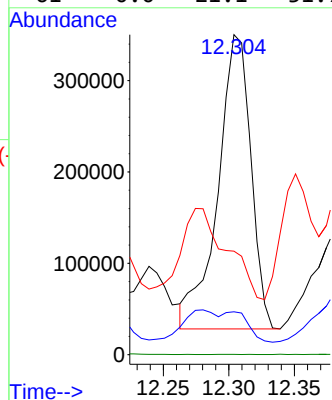
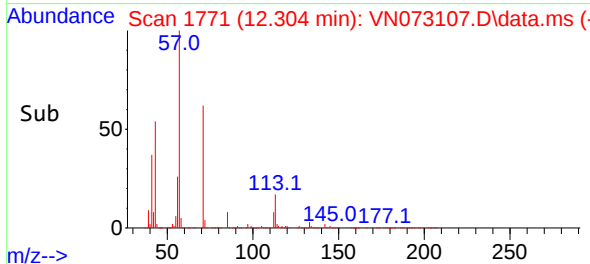
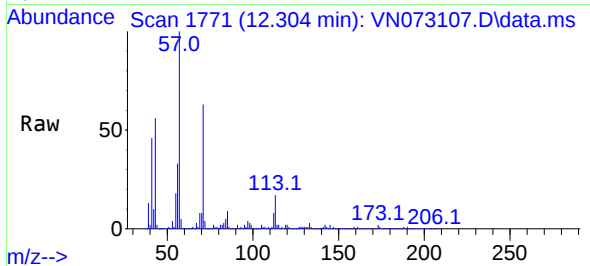




#74
N-amy1 acetate
Concen: 43.170 ug/l
RT: 12.304 min Scan# 1771
Delta R.T. -0.023 min
Lab File: VN073107.D
Acq: 25 Jun 2022 13:51

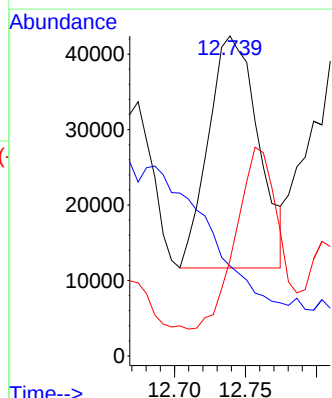
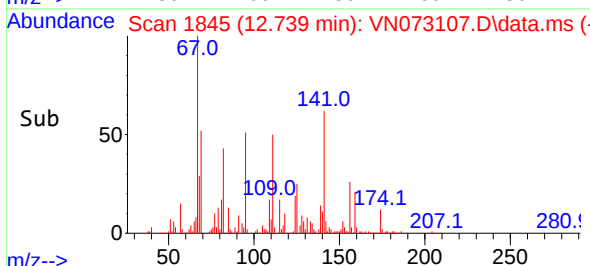
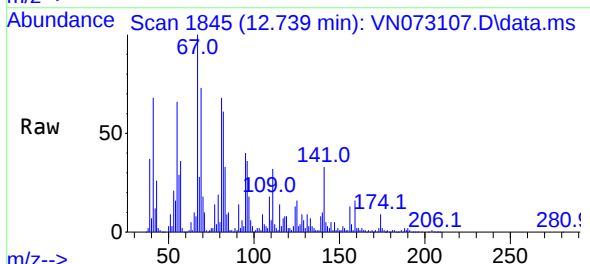
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-2-GR

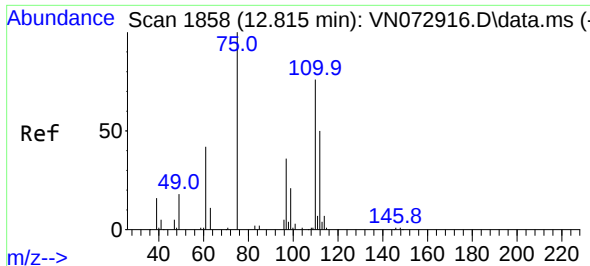
Tgt Ion: 43 Resp: 563960
Ion Ratio Lower Upper
43 100
70 0.0 39.0 58.4#
55 0.0 21.1 31.7#
61 0.0 21.1 31.7#



#75
1,1,2,2-Tetrachloroethane
Concen: 8.304 ug/l
RT: 12.739 min Scan# 1845
Delta R.T. -0.023 min
Lab File: VN073107.D
Acq: 25 Jun 2022 13:51

Tgt Ion: 83 Resp: 75282
Ion Ratio Lower Upper
83 100
131 0.0 5.3 15.9#
85 66.6 32.3 96.9

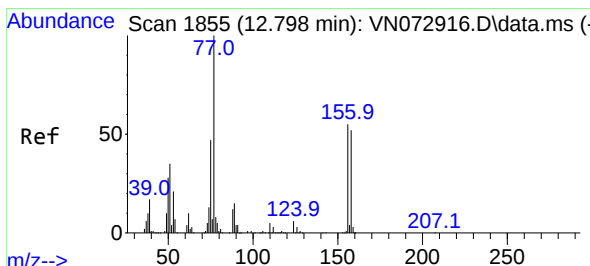
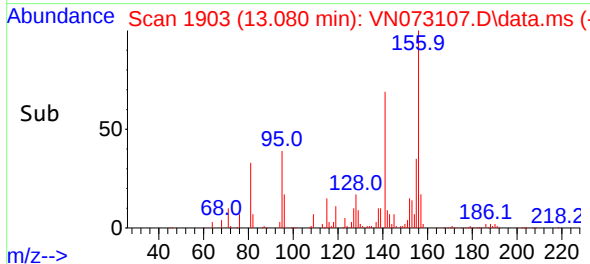
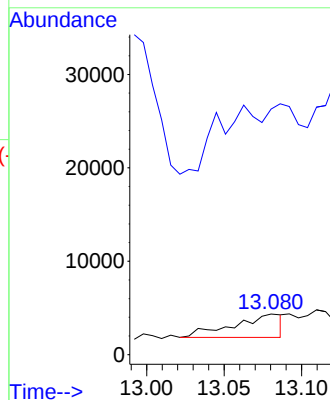
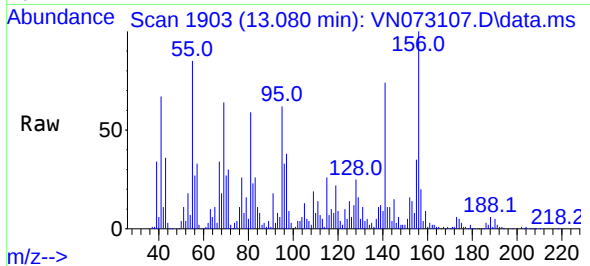




#76
1,2,3-Trichloropropane
Concen: 0.686 ug/l
RT: 13.080 min Scan# 1903
Delta R.T. 0.265 min
Lab File: VN073107.D
Acq: 25 Jun 2022 13:51

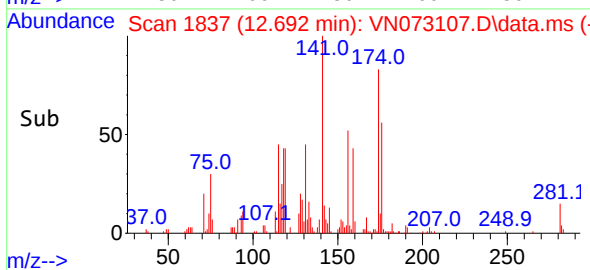
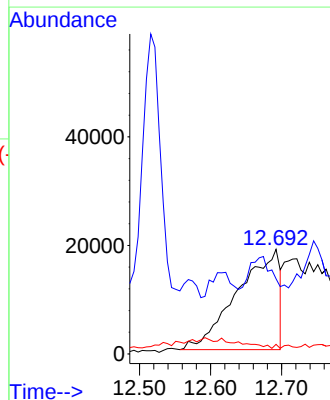
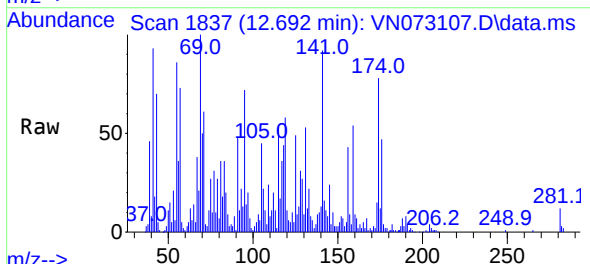
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-2-GR

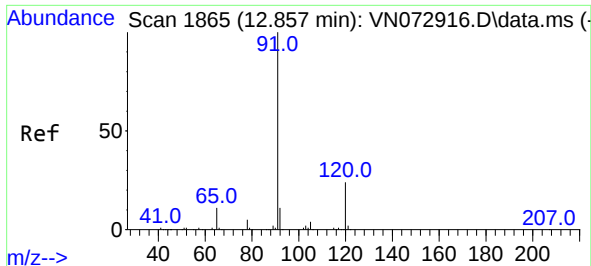
Tgt Ion: 75 Resp: 5410
Ion Ratio Lower Upper
75 100
77 242.2 98.5 295.5



#77
Bromobenzene
Concen: 12.630 ug/l
RT: 12.692 min Scan# 1837
Delta R.T. -0.106 min
Lab File: VN073107.D
Acq: 25 Jun 2022 13:51

Tgt Ion:156 Resp: 76169
Ion Ratio Lower Upper
156 100
77 0.0 100.5 301.5#
158 0.7 48.9 146.6#

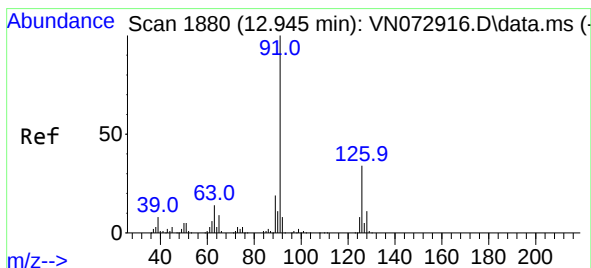
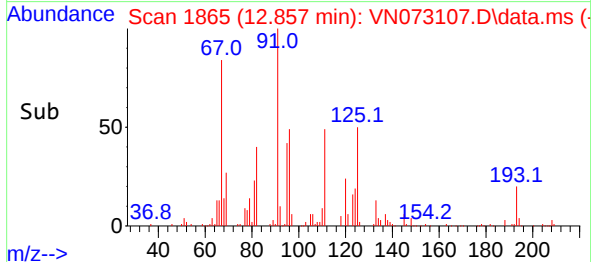
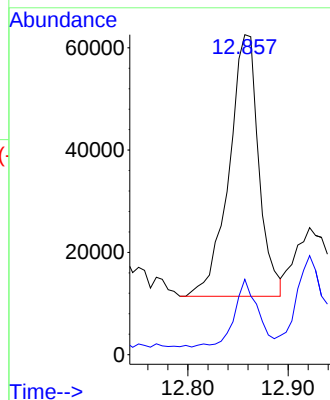
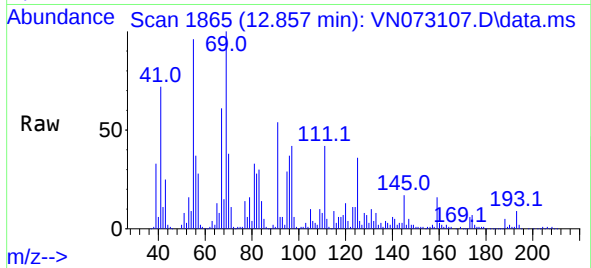




#78
n-propylbenzene
Concen: 3.816 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VN073107.D
Acq: 25 Jun 2022 13:51

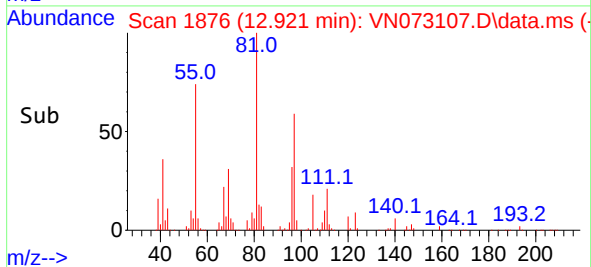
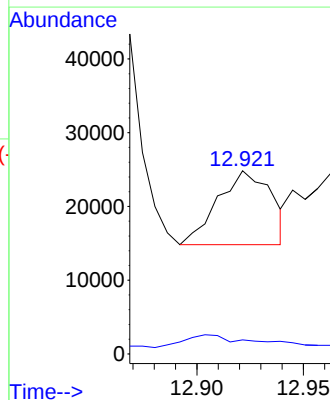
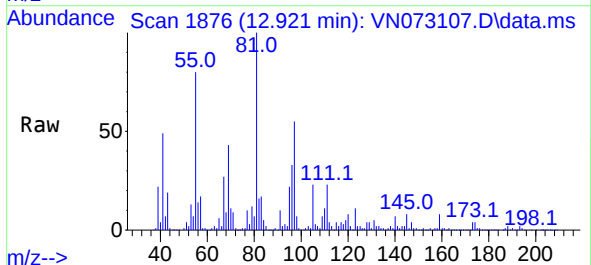
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-2-GR

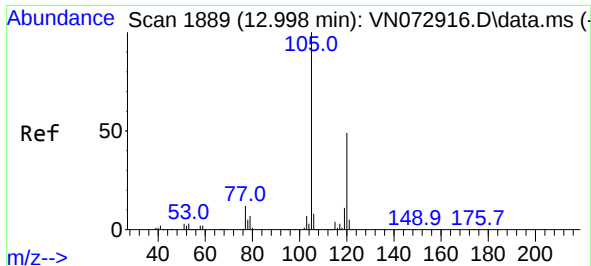
Tgt Ion: 91 Resp: 105677
Ion Ratio Lower Upper
91 100
120 20.2 11.9 35.5



#79
2-Chlorotoluene
Concen: 0.979 ug/l
RT: 12.921 min Scan# 1876
Delta R.T. -0.023 min
Lab File: VN073107.D
Acq: 25 Jun 2022 13:51

Tgt Ion: 91 Resp: 17557
Ion Ratio Lower Upper
91 100
126 23.6 17.3 51.9

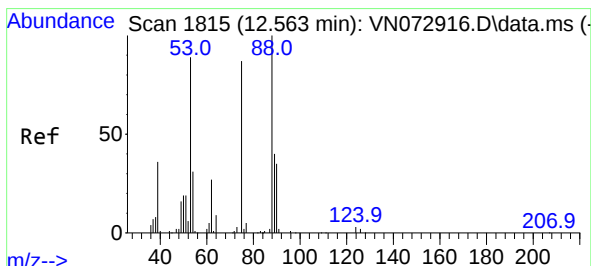
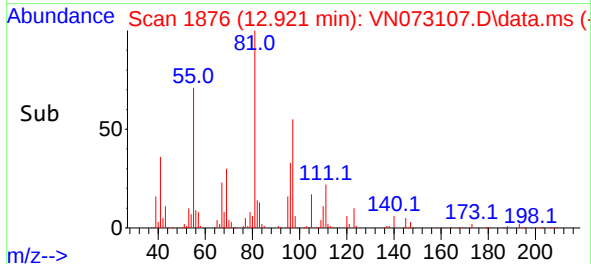
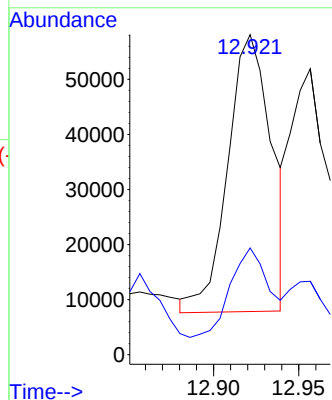
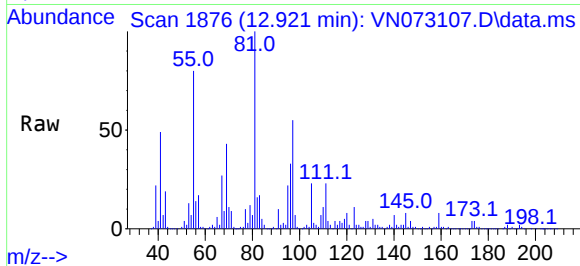




#80
1,3,5-Trimethylbenzene
Concen: 4.347 ug/l
RT: 12.921 min Scan# 11
Delta R.T. -0.076 min
Lab File: VN073107.D
Acq: 25 Jun 2022 13:51

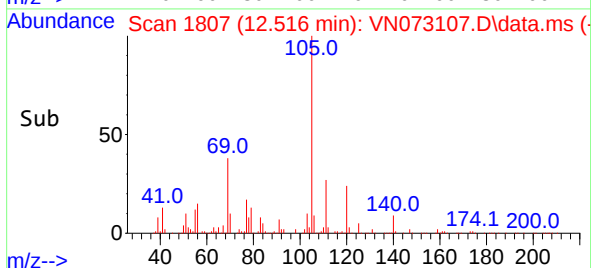
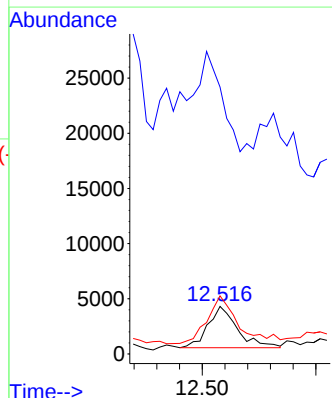
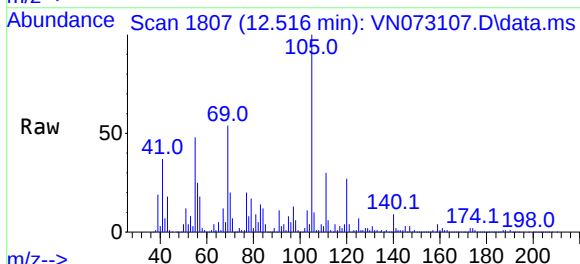
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-2-GR

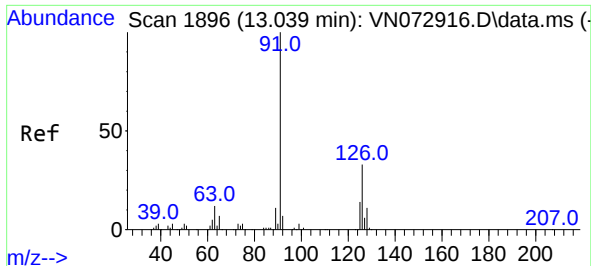
Tgt Ion:105 Resp: 89879
Ion Ratio Lower Upper
105 100
120 30.3 24.9 74.7



#81
trans-1,4-Dichloro-2-butene
Concen: 2.301 ug/l
RT: 12.516 min Scan# 1807
Delta R.T. -0.047 min
Lab File: VN073107.D
Acq: 25 Jun 2022 13:51

Tgt Ion: 75 Resp: 6722
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 123.9 37.2 55.8#

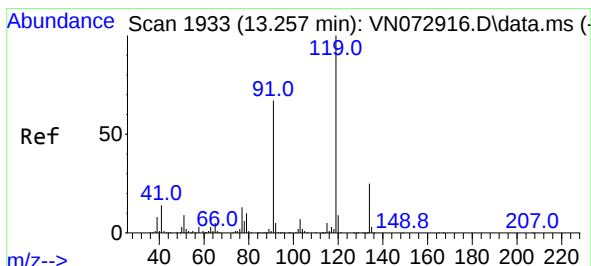
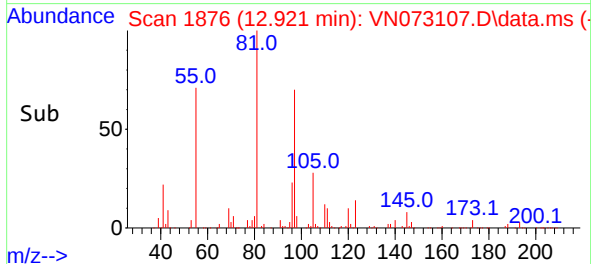
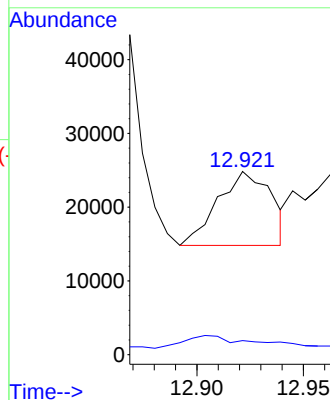
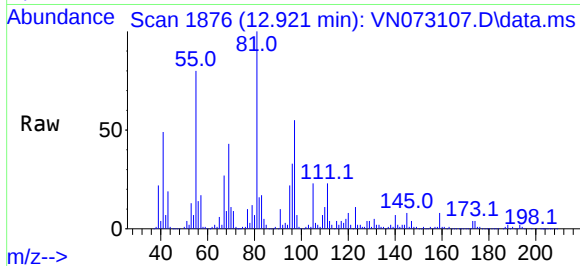




#82
4-Chlorotoluene
Concen: 1.035 ug/l
RT: 12.921 min Scan# 1896
Delta R.T. -0.118 min
Lab File: VN073107.D
Acq: 25 Jun 2022 13:51

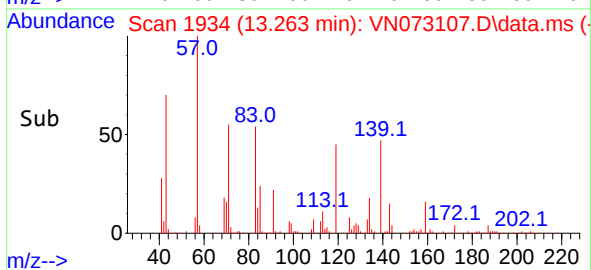
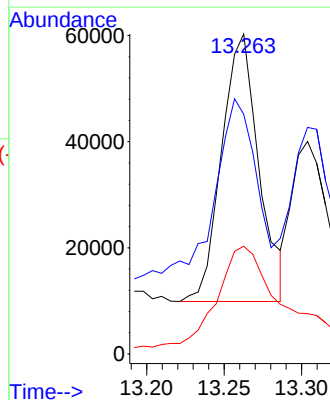
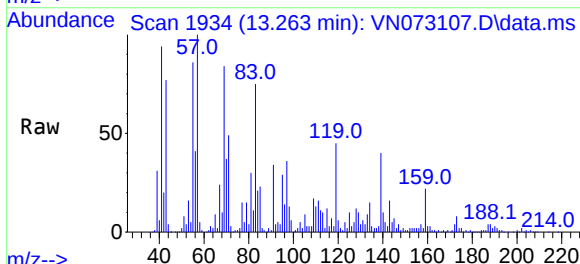
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-2-GR

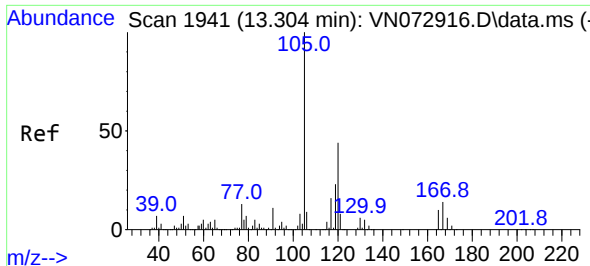
Tgt Ion: 91 Resp: 17557
Ion Ratio Lower Upper
91 100
126 23.6 17.2 51.6



#83
tert-Butylbenzene
Concen: 4.433 ug/l
RT: 13.263 min Scan# 1934
Delta R.T. 0.006 min
Lab File: VN073107.D
Acq: 25 Jun 2022 13:51

Tgt Ion: 119 Resp: 83945
Ion Ratio Lower Upper
119 100
91 74.6 31.6 94.8
134 70.6 13.7 41.1#

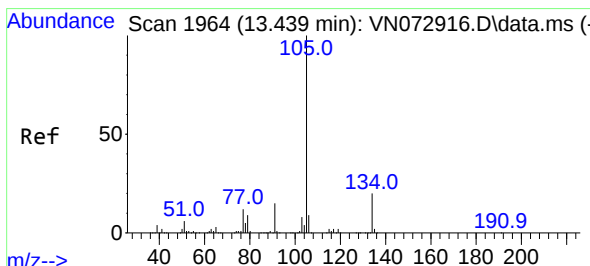
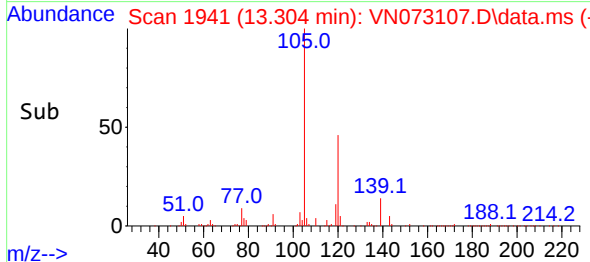
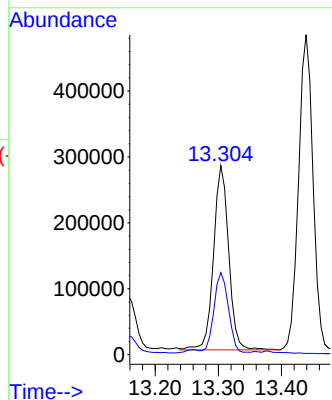
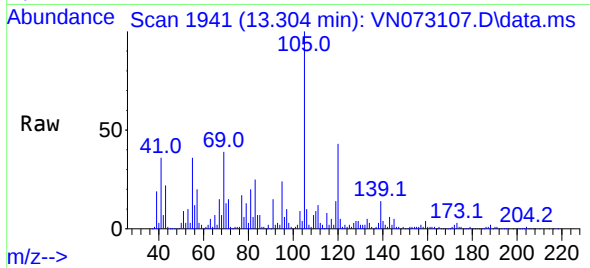




#84
1,2,4-Trimethylbenzene
Concen: 22.691 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VN073107.D
Acq: 25 Jun 2022 13:51

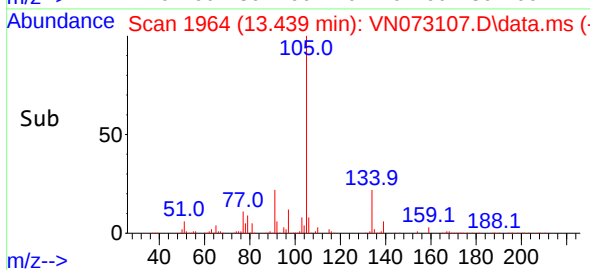
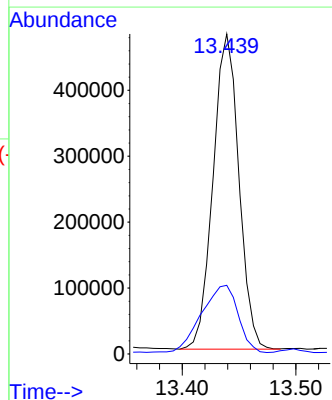
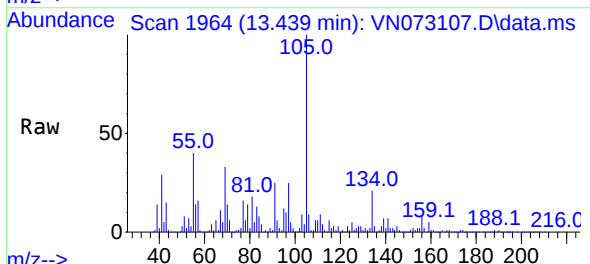
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-2-GR

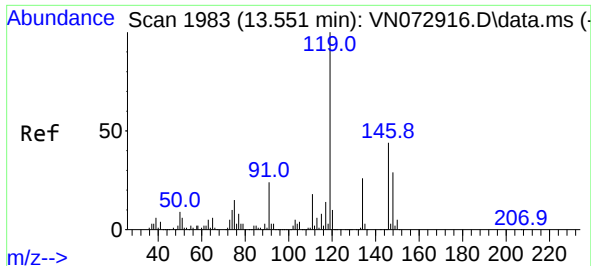
Tgt Ion:105 Resp: 467338
Ion Ratio Lower Upper
105 100
120 41.1 23.3 69.8



#85
sec-Butylbenzene
Concen: 29.949 ug/l
RT: 13.439 min Scan# 1964
Delta R.T. 0.000 min
Lab File: VN073107.D
Acq: 25 Jun 2022 13:51

Tgt Ion:105 Resp: 756618
Ion Ratio Lower Upper
105 100
134 30.2 10.4 31.1

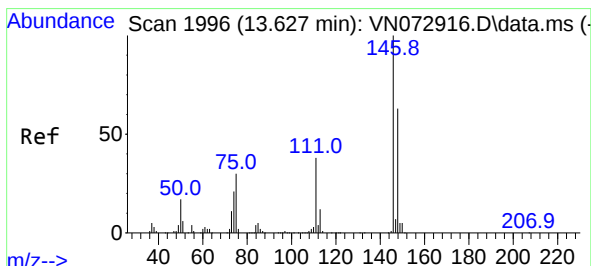
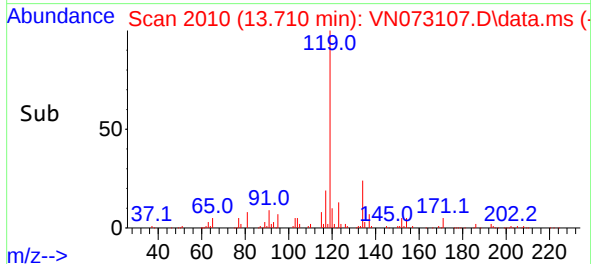
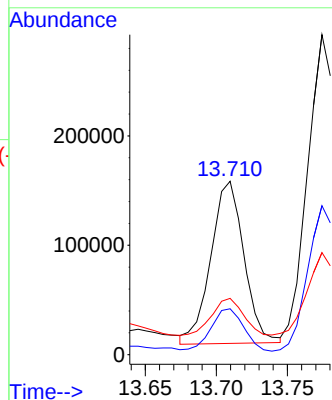
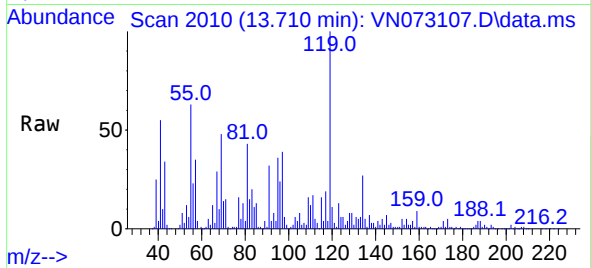




#86
p-Isopropyltoluene
Concen: 11.781 ug/l
RT: 13.710 min Scan# 20
Delta R.T. 0.159 min
Lab File: VN073107.D
Acq: 25 Jun 2022 13:51

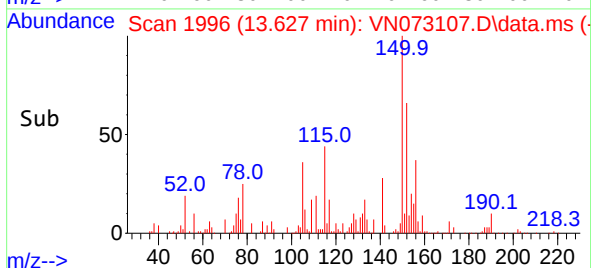
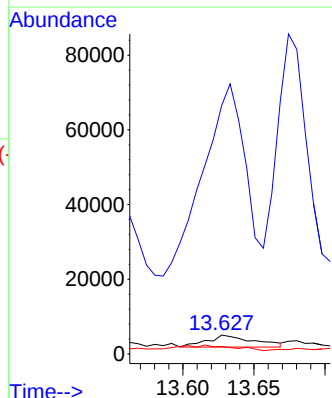
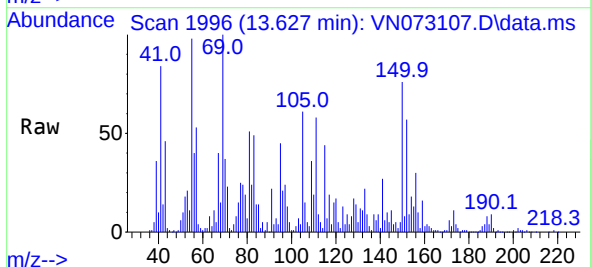
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-2-GR

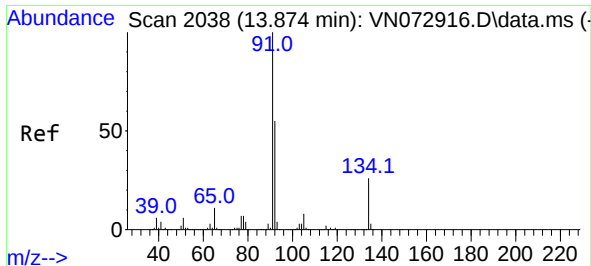
Tgt Ion:119 Resp: 240966
Ion Ratio Lower Upper
119 100
134 25.6 13.3 39.8
91 21.4 11.3 33.9



#88
1,4-Dichlorobenzene
Concen: 0.665 ug/l
RT: 13.627 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN073107.D
Acq: 25 Jun 2022 13:51

Tgt Ion:146 Resp: 7248
Ion Ratio Lower Upper
146 100
111 1471.3 19.1 57.1#
148 0.0 31.4 94.3#





#89

n-Butylbenzene

Concen: 21.471 ug/l

RT: 13.880 min Scan# 2038

Delta R.T. 0.006 min

Lab File: VN073107.D

Acq: 25 Jun 2022 13:51

Instrument :

MSVOA_N

ClientSampleId :

WC-14B-2-2-GR

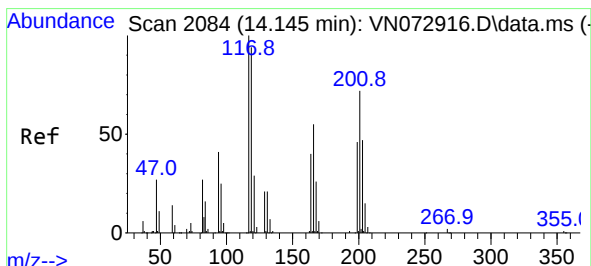
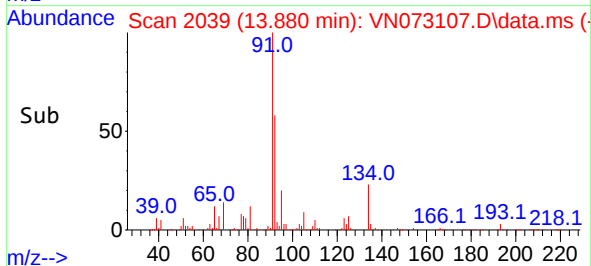
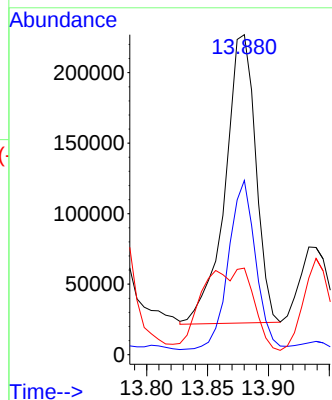
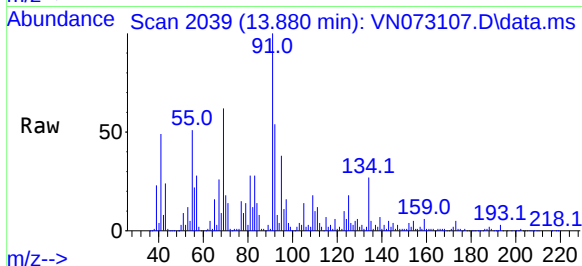
Tgt Ion: 91 Resp: 358593

Ion Ratio Lower Upper

91 100

92 52.1 26.9 80.7

134 0.0 13.6 40.8#



#90

Hexachloroethane

Concen: 28.754 ug/l

RT: 14.151 min Scan# 2085

Delta R.T. 0.006 min

Lab File: VN073107.D

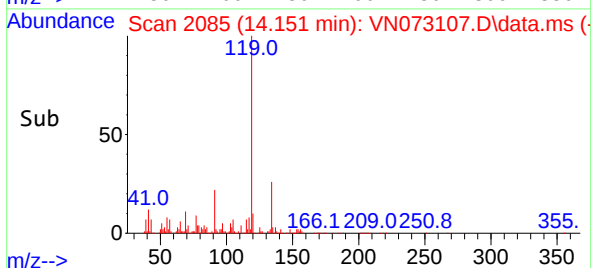
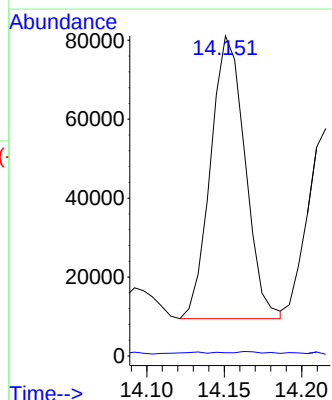
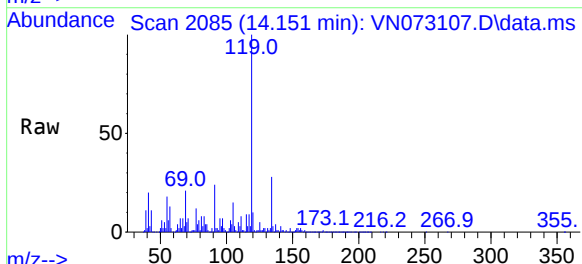
Acq: 25 Jun 2022 13:51

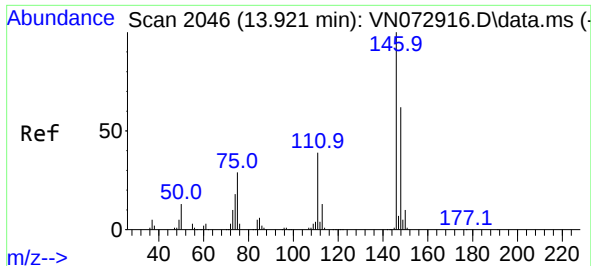
Tgt Ion: 117 Resp: 110874

Ion Ratio Lower Upper

117 100

201 0.5 40.6 122.0#

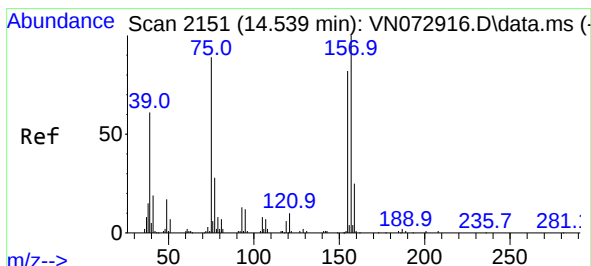
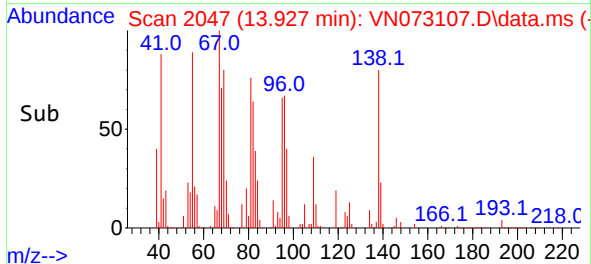
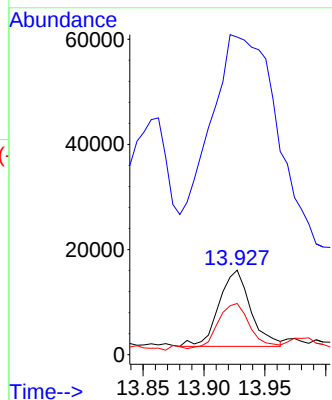
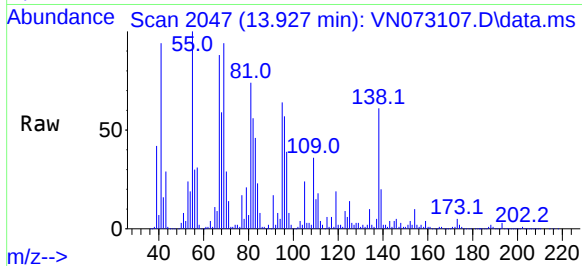




#91
1,2-Dichlorobenzene
Concen: 2.334 ug/l
RT: 13.927 min Scan# 2046
Delta R.T. 0.006 min
Lab File: VN073107.D
Acq: 25 Jun 2022 13:51

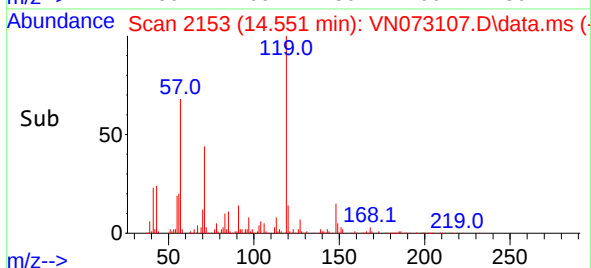
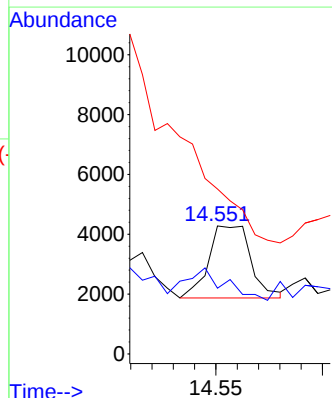
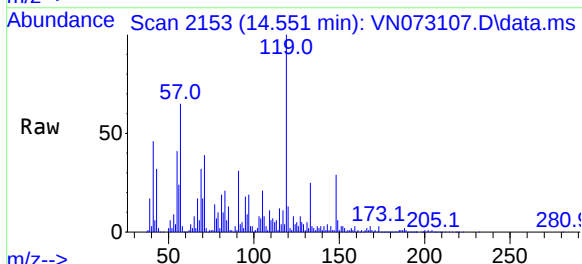
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-2-GR

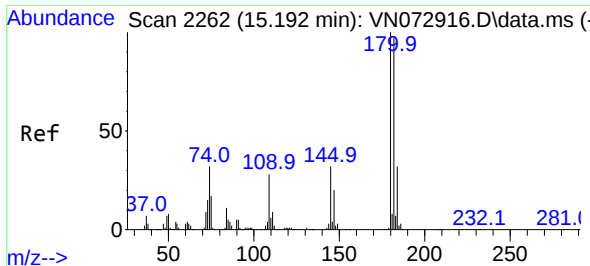
Tgt Ion:146 Resp: 26206
Ion Ratio Lower Upper
146 100
111 639.6 20.9 62.8#
148 62.6 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.367 ug/l
RT: 14.551 min Scan# 2153
Delta R.T. 0.012 min
Lab File: VN073107.D
Acq: 25 Jun 2022 13:51

Tgt Ion: 75 Resp: 3311
Ion Ratio Lower Upper
75 100
155 42.3 44.9 134.5#
157 0.0 59.0 176.8#

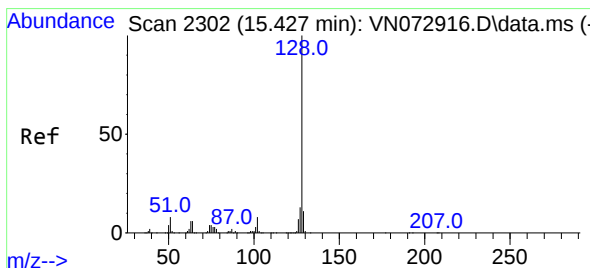
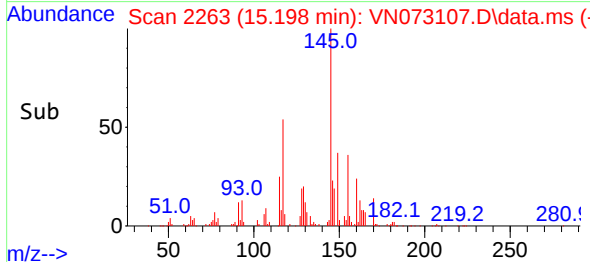
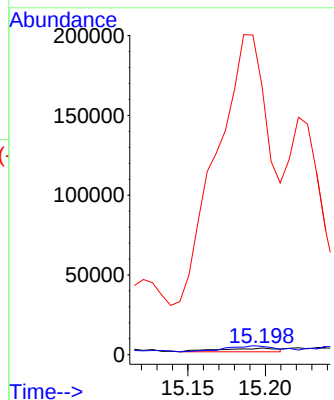
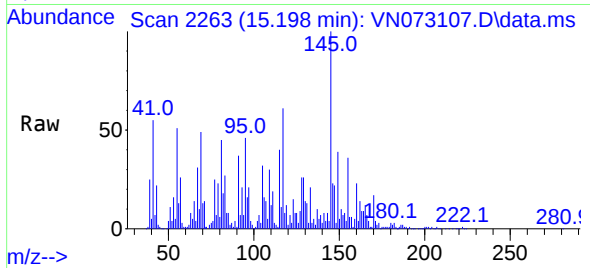




#93
1,2,4-Trichlorobenzene
Concen: 0.981 ug/l
RT: 15.198 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN073107.D
Acq: 25 Jun 2022 13:51

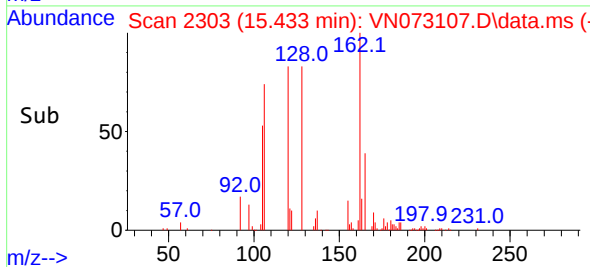
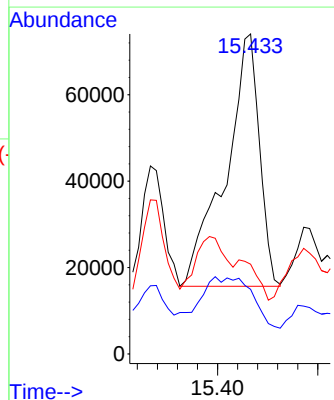
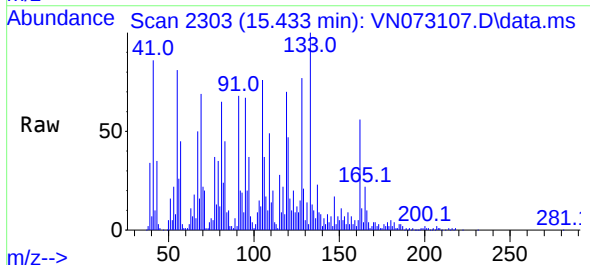
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-2-GR

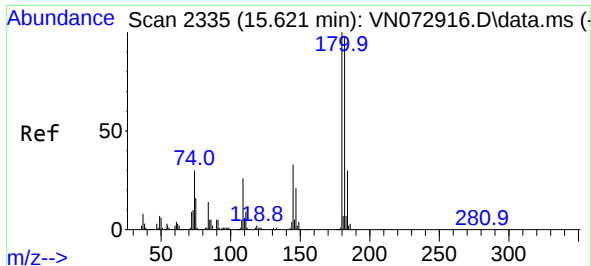
Tgt Ion:180 Resp: 6097
Ion Ratio Lower Upper
180 100
182 146.7 47.5 142.5#
145 8012.0 14.5 43.5#



#95
Naphthalene
Concen: 5.468 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN073107.D
Acq: 25 Jun 2022 13:51

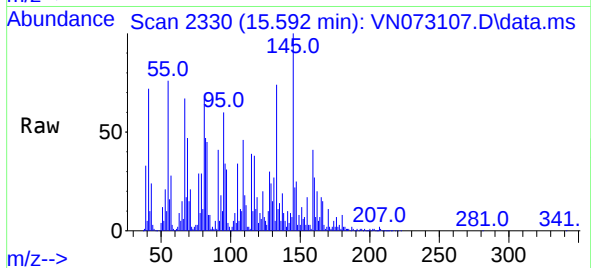
Tgt Ion:128 Resp: 137465
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.443 ug/l
 RT: 15.592 min Scan# 21
 Delta R.T. -0.029 min
 Lab File: VN073107.D
 Acq: 25 Jun 2022 13:51

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-14B-2-2-GR



Tgt Ion:180 Resp: 16212
 Ion Ratio Lower Upper
 180 100
 182 21.8 47.8 143.3#
 145 983.5 15.5 46.5#

