

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062322\
 Data File : VN073057.D
 Acq On : 23 Jun 2022 18:42
 Operator : JC\MD
 Sample : N3431-14
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-14B-2-4

Quant Time: Jun 24 01:20:35 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	8.016	168	313127	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	518607	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.681	117	468821	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	234590	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	194535	45.952	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.900%		
35) Dibromofluoromethane	7.951	113	163509	51.009	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.020%		
50) Toluene-d8	10.375	98	535031	44.857	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.720%		
62) 4-Bromofluorobenzene	12.669	95	235062	54.806	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	109.620%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.264	50	686	0.781	ug/l #	43
6) Chloroethane	2.993	64	707	0.423	ug/l #	42
11) Tert butyl alcohol	5.310	59	451	0.412	ug/l #	72
13) Acrolein	3.981	56	312	0.724	ug/l	98
16) Acetone	4.228	43	78722	33.829	ug/l	91
17) Carbon Disulfide	4.457	76	3181	0.414	ug/l #	75
18) Methyl Acetate	4.793	43	7859	1.268	ug/l #	73
20) Methylene Chloride	5.016	84	28269	7.627	ug/l	90
25) 2-Butanone	7.269	43	22116	5.989	ug/l	89
26) 2,2-Dichloropropane	7.234	77	1758	Below Cal	#	53
29) Tetrahydrofuran	7.622	42	921	0.378	ug/l #	76
31) Cyclohexane	8.016	56	14293	2.496	ug/l #	60
36) 1,1-Dichloropropene	8.016	75	25997	5.994	ug/l #	49
37) Ethyl Acetate	7.340	43	47333	6.823	ug/l	98
38) Carbon Tetrachloride	8.016	117	32851	7.201	ug/l #	17
39) Methylcyclohexane	9.392	83	35128	6.719	ug/l	96
40) Benzene	8.398	78	7655	0.562	ug/l #	81
42) 1,2-Dichloroethane	8.475	62	1143	0.236	ug/l #	74
43) Isopropyl Acetate	8.493	43	209687	21.144	ug/l #	86
48) Methyl methacrylate	9.487	41	10861	2.399	ug/l #	32
49) 1,4-Dioxane	9.563	88	202	1.983	ug/l #	1
51) 4-Methyl-2-Pentanone	10.269	43	8710	1.347	ug/l #	83
53) t-1,3-Dichloropropene	10.545	75	1133	0.225	ug/l #	1
54) cis-1,3-Dichloropropene	10.181	75	78728	14.314	ug/l #	62
55) 1,1,2-Trichloroethane	10.810	97	13697	3.727	ug/l #	19
56) Ethyl methacrylate	10.716	69	7978	1.355	ug/l #	1
57) 1,3-Dichloropropane	11.028	76	17129	2.810	ug/l #	42
59) 2-Hexanone	11.028	43	245937	49.169	ug/l #	46
67) Ethyl Benzene	11.781	91	3833	0.238	ug/l #	85
68) m/p-Xylenes	11.892	106	2906	0.460	ug/l	80
69) o-Xylene	12.216	106	4192	0.664	ug/l	83
71) Bromoform	12.663	173	1530	0.582	ug/l #	28
73) Isopropylbenzene	12.516	105	243633	13.424	ug/l	100
74) N-amyl acetate	12.286	43	3688	0.392	ug/l #	50
75) 1,1,2,2-Tetrachloroethane	12.745	83	1936	0.296	ug/l #	47
76) 1,2,3-Trichloropropane	12.669	75	125226	22.017	ug/l #	1

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

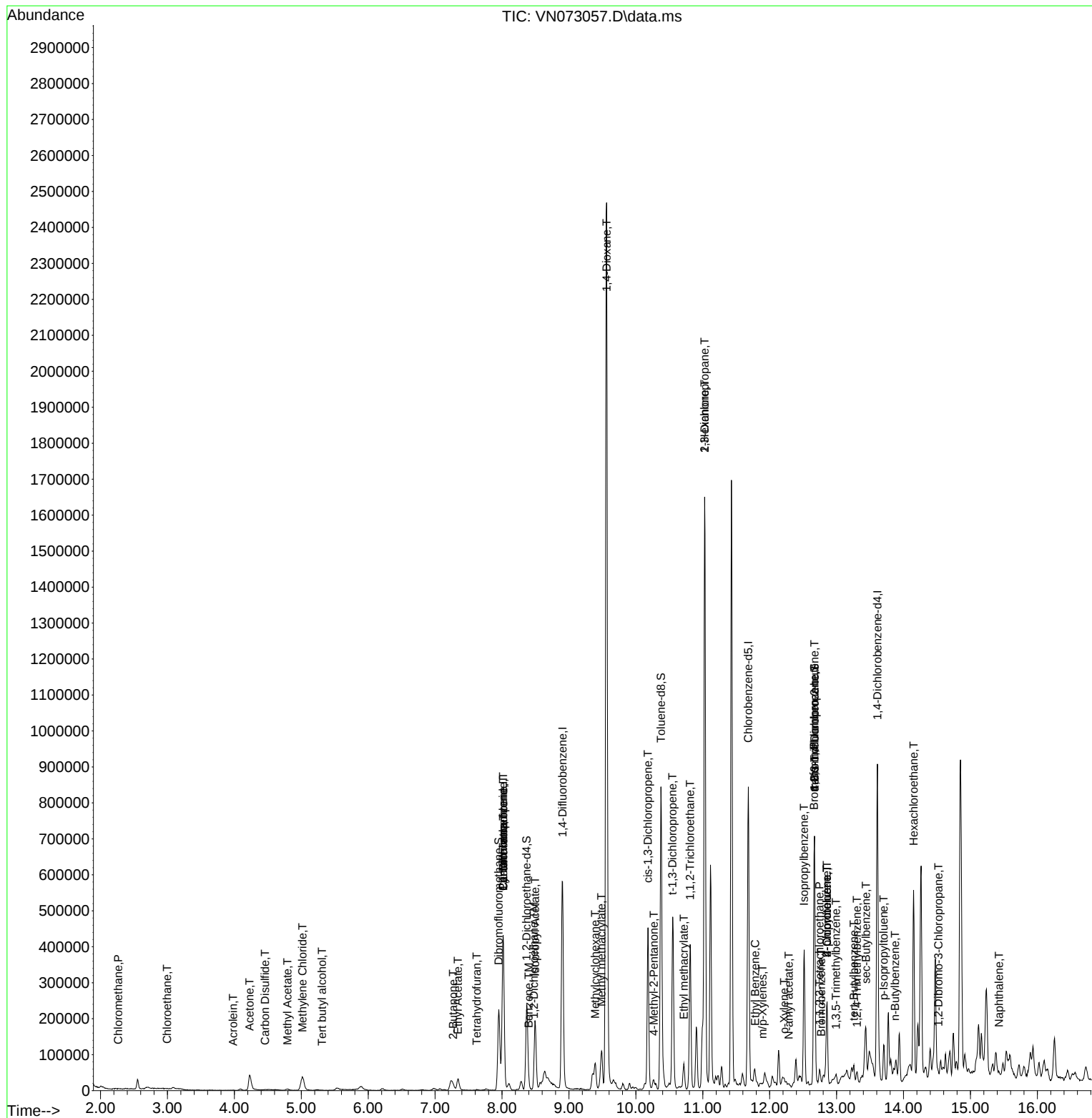
77) Bromobenzene	12.769	156	1018	0.234	ug/l #	57
78) n-propylbenzene	12.857	91	185767	9.306	ug/l	97
79) 2-Chlorotoluene	12.857	91	185767	14.371	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.992	105	4885	0.328	ug/l	89
81) trans-1,4-Dichloro-2-b...	12.669	75	125226	59.461	ug/l #	11
82) 4-Chlorotoluene	12.857	91	185767	15.189	ug/l #	41
83) tert-Butylbenzene	13.257	119	22637	1.658	ug/l	90
84) 1,2,4-Trimethylbenzene	13.304	105	17032	1.147	ug/l	85
85) sec-Butylbenzene	13.439	105	90679	4.979	ug/l	81
86) p-Isopropyltoluene	13.704	119	46426	3.148	ug/l	96
89) n-Butylbenzene	13.875	91	14212	1.180	ug/l #	81
90) Hexachloroethane	14.151	117	26445	9.513	ug/l #	9
92) 1,2-Dibromo-3-Chloropr...	14.522	75	471	0.203	ug/l #	11
95) Naphthalene	15.427	128	9209	0.508	ug/l #	83

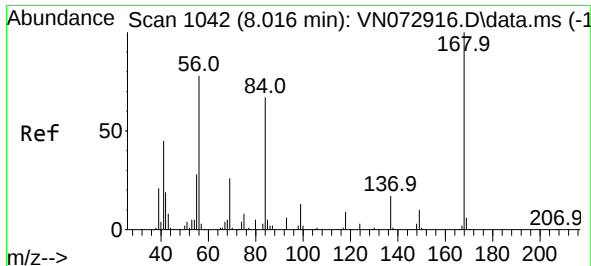
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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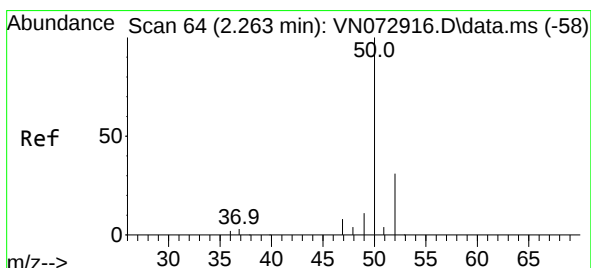
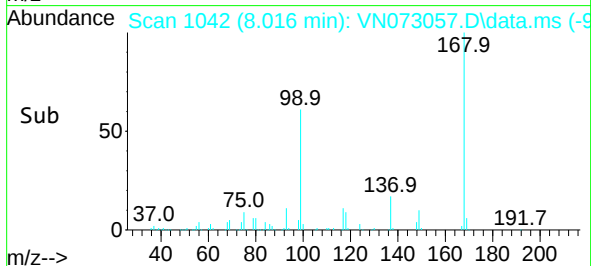
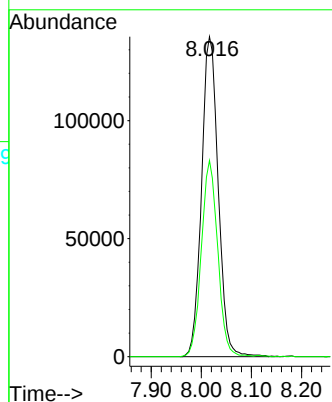
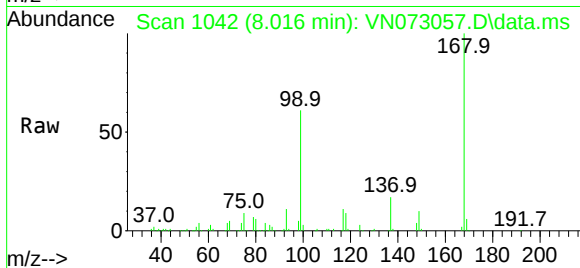




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VN073057.D
Acq: 23 Jun 2022 18:42

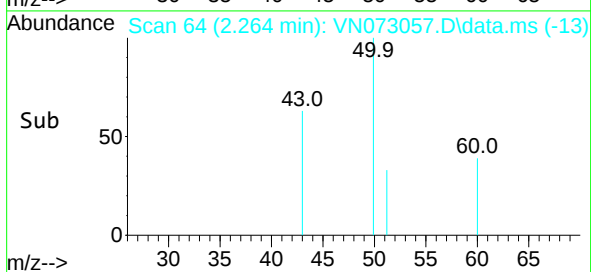
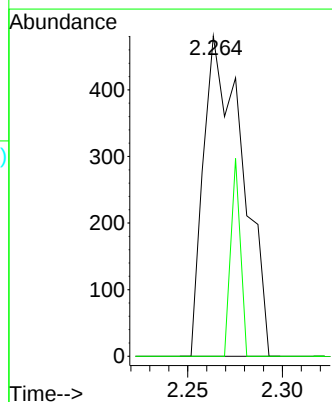
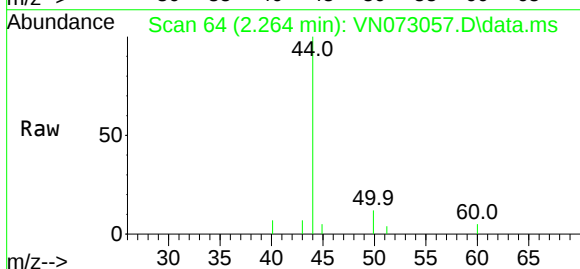
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-4

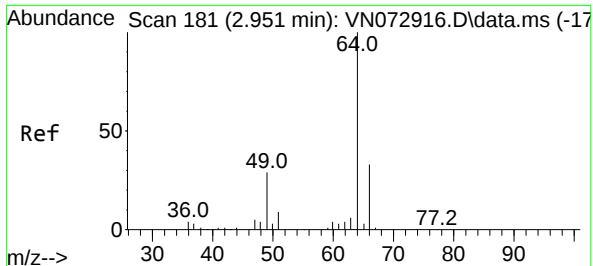
Tgt Ion:168 Resp: 313127
Ion Ratio Lower Upper
168 100
99 61.3 42.3 63.5



#3
Chloromethane
Concen: 0.781 ug/l
RT: 2.264 min Scan# 64
Delta R.T. 0.001 min
Lab File: VN073057.D
Acq: 23 Jun 2022 18:42

Tgt Ion: 50 Resp: 686
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

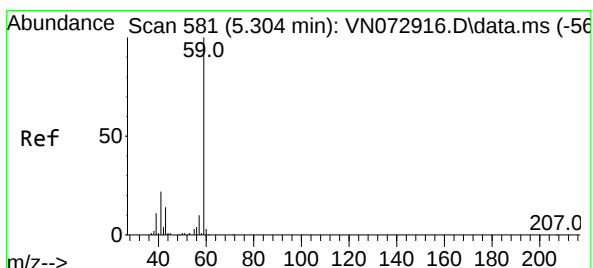
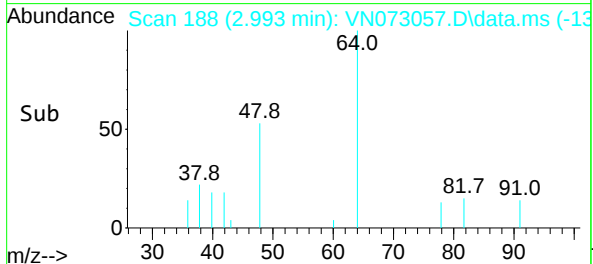
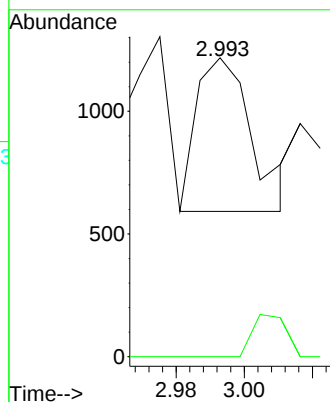
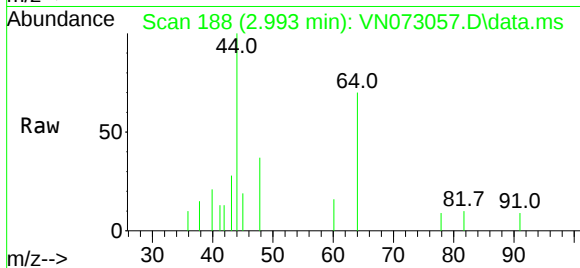




#6
Chloroethane
Concen: 0.423 ug/l
RT: 2.993 min Scan# 11
Delta R.T. 0.041 min
Lab File: VN073057.D
Acq: 23 Jun 2022 18:42

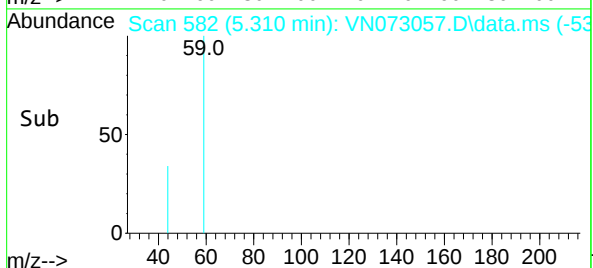
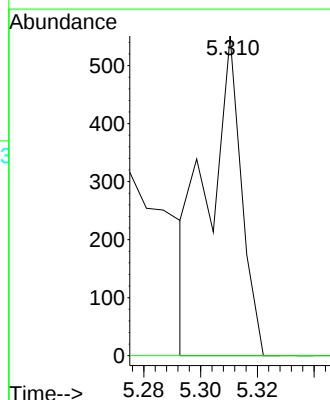
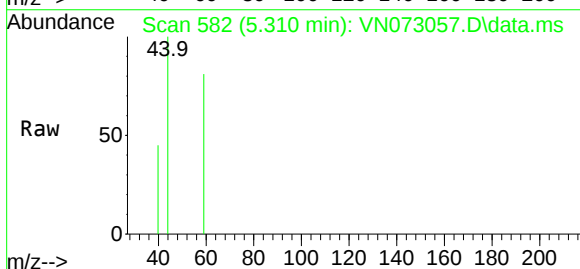
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-4

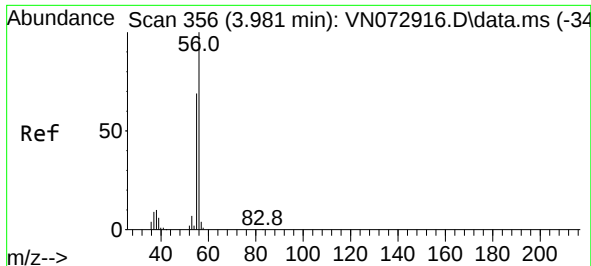
Tgt Ion: 64 Resp: 707
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#11
Tert butyl alcohol
Concen: 0.412 ug/l
RT: 5.310 min Scan# 582
Delta R.T. 0.006 min
Lab File: VN073057.D
Acq: 23 Jun 2022 18:42

Tgt Ion: 59 Resp: 451
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#13

Acrolein

Concen: 0.724 ug/l

RT: 3.981 min Scan# 312

Delta R.T. 0.000 min

Lab File: VN073057.D

Acq: 23 Jun 2022 18:42

Instrument :

MSVOA_N

ClientSampleId :

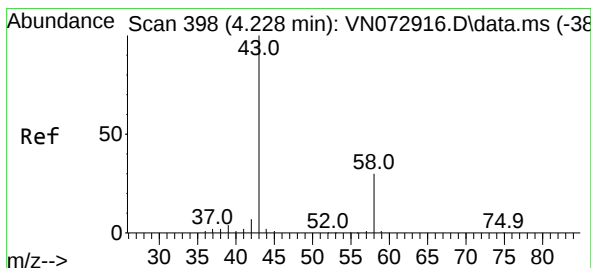
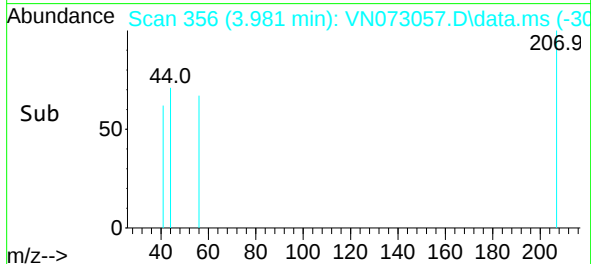
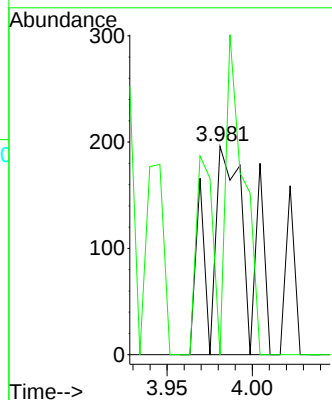
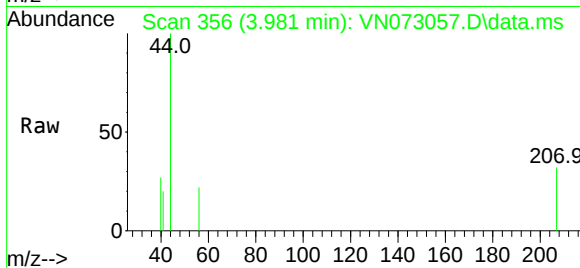
WC-14B-2-4

Tgt Ion: 56 Resp: 312

Ion Ratio Lower Upper

56 100

55 70.5 54.8 82.2



#16

Acetone

Concen: 33.829 ug/l

RT: 4.228 min Scan# 398

Delta R.T. 0.000 min

Lab File: VN073057.D

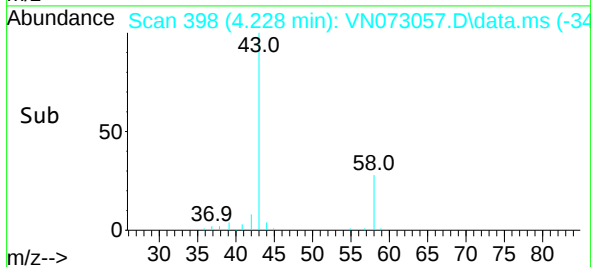
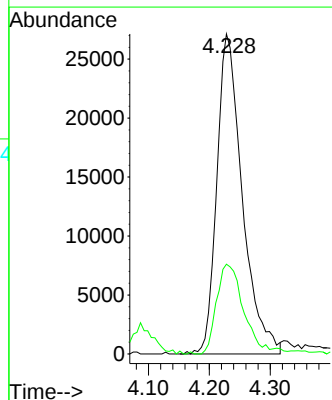
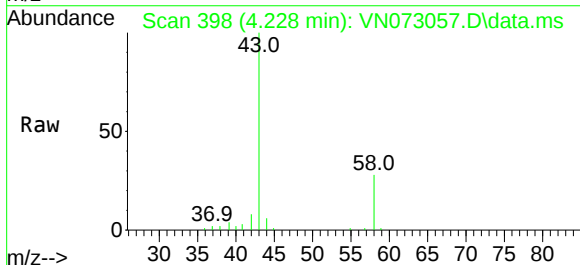
Acq: 23 Jun 2022 18:42

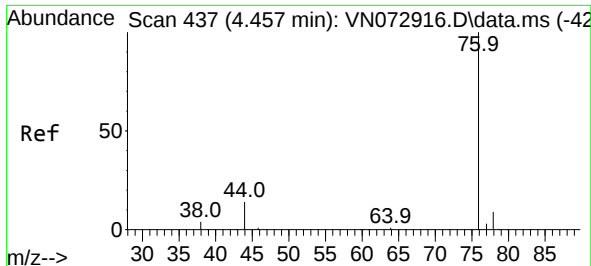
Tgt Ion: 43 Resp: 78722

Ion Ratio Lower Upper

43 100

58 27.2 26.0 39.0





#17

Carbon Disulfide

Concen: 0.414 ug/l

RT: 4.457 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN073057.D

Acq: 23 Jun 2022 18:42

Instrument :

MSVOA_N

ClientSampleId :

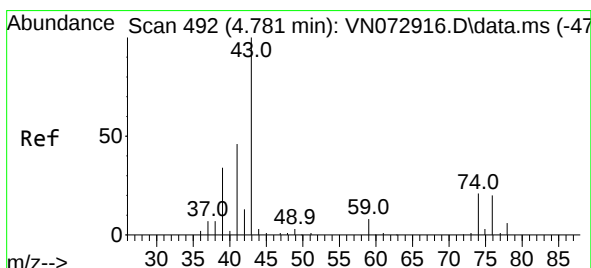
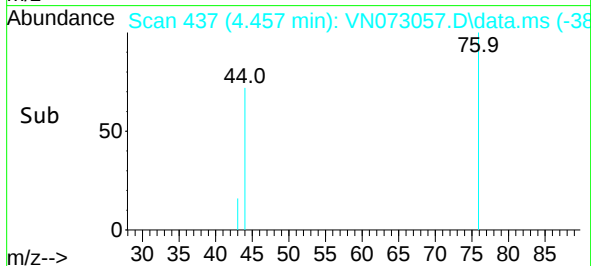
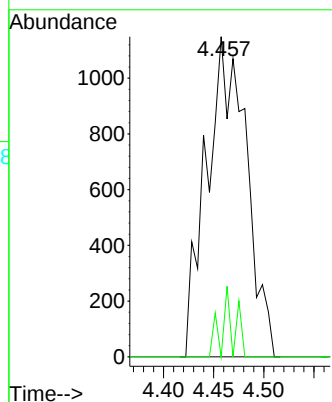
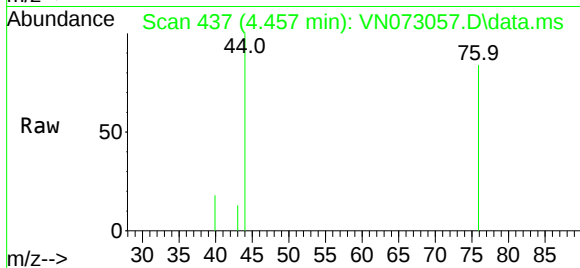
WC-14B-2-4

Tgt Ion: 76 Resp: 3181

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#



#18

Methyl Acetate

Concen: 1.268 ug/l

RT: 4.793 min Scan# 494

Delta R.T. 0.012 min

Lab File: VN073057.D

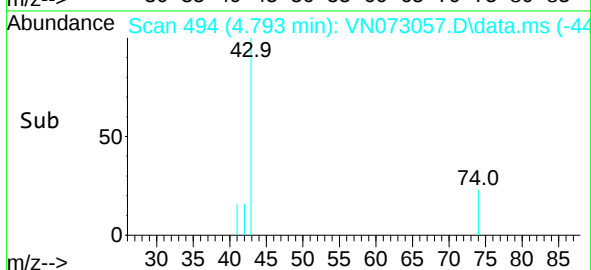
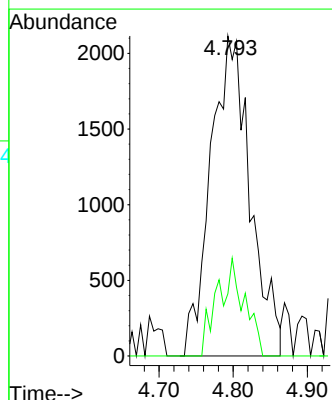
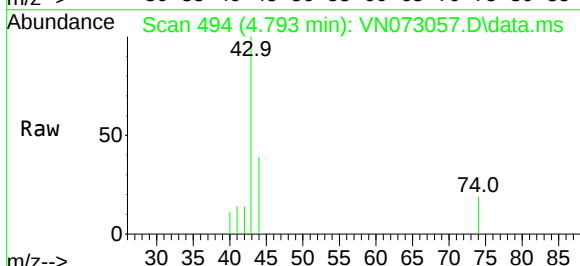
Acq: 23 Jun 2022 18:42

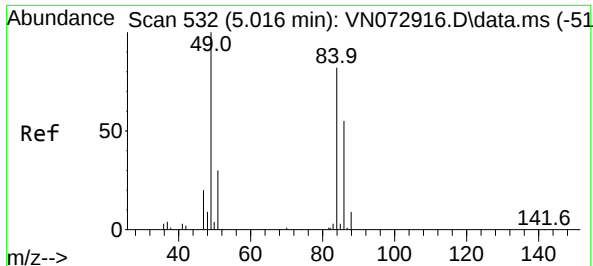
Tgt Ion: 43 Resp: 7859

Ion Ratio Lower Upper

43 100

74 13.0 21.6 32.4#

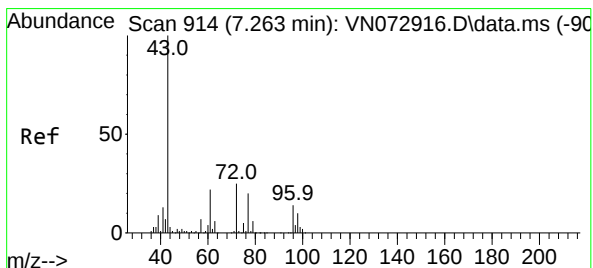
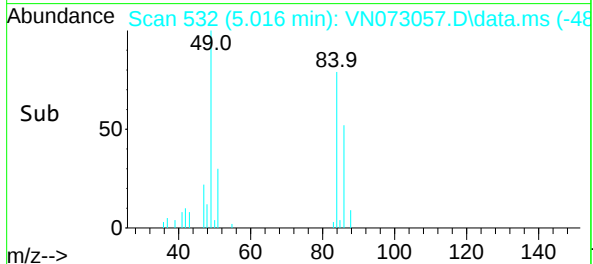
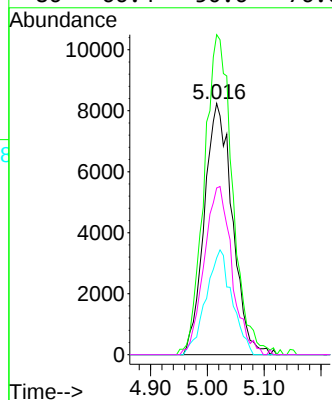
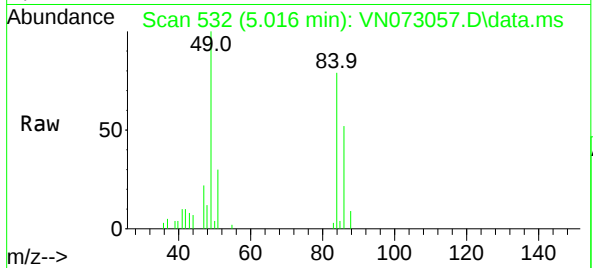




#20
Methylene Chloride
Concen: 7.627 ug/l
RT: 5.016 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN073057.D
Acq: 23 Jun 2022 18:42

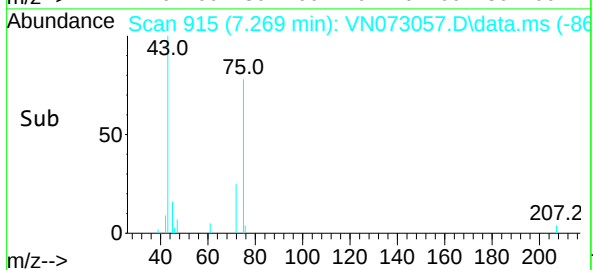
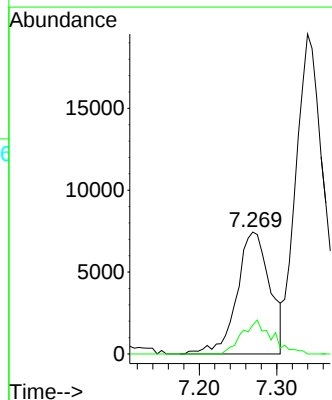
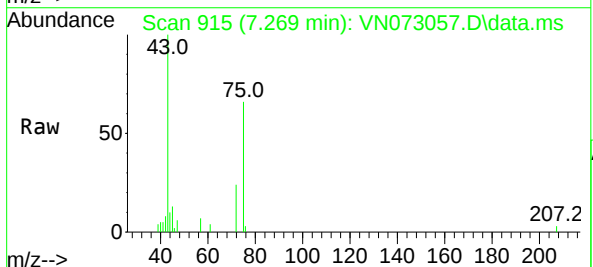
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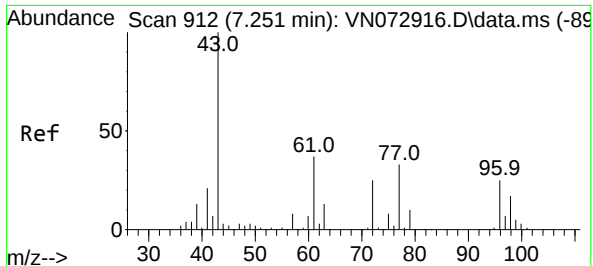
Tgt Ion:	84	Resp:	28269
Ion	Ratio	Lower	Upper
84	100		
49	125.4	88.3	132.5
51	38.5	28.2	42.2
86	66.4	50.6	76.0



#25
2-Butanone
Concen: 5.989 ug/l
RT: 7.269 min Scan# 915
Delta R.T. 0.006 min
Lab File: VN073057.D
Acq: 23 Jun 2022 18:42

Tgt Ion:	43	Resp:	22116
Ion	Ratio	Lower	Upper
43	100		
72	23.8	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: VN073057.D

Acq: 23 Jun 2022 18:42

Instrument :

MSVOA_N

ClientSampleId :

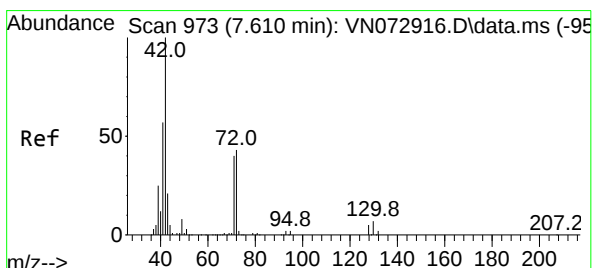
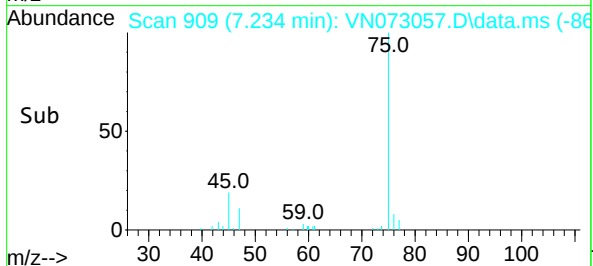
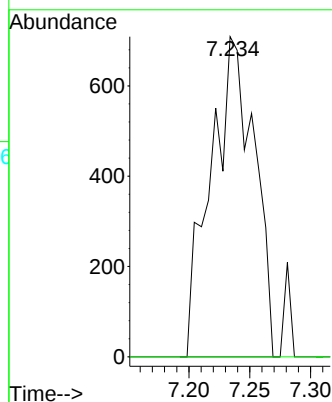
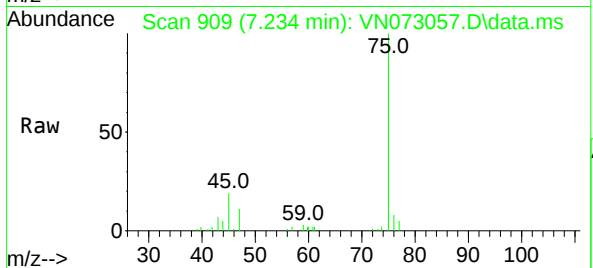
WC-14B-2-4

Tgt Ion: 77 Resp: 1758

Ion Ratio Lower Upper

77 100

97 0.0 11.4 34.2#



#29

Tetrahydrofuran

Concen: 0.378 ug/l

RT: 7.622 min Scan# 975

Delta R.T. 0.012 min

Lab File: VN073057.D

Acq: 23 Jun 2022 18:42

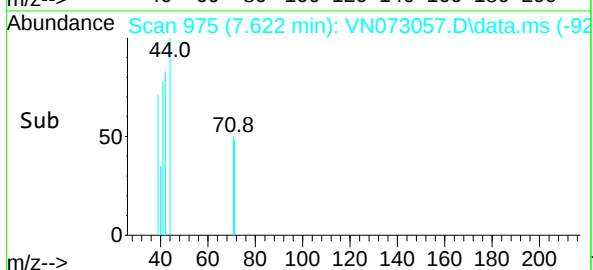
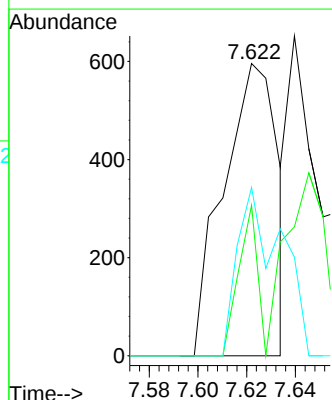
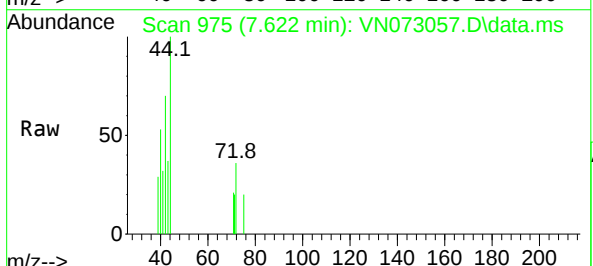
Tgt Ion: 42 Resp: 921

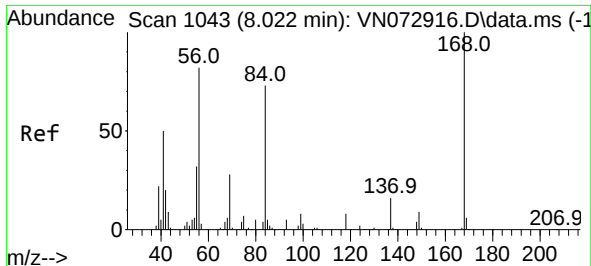
Ion Ratio Lower Upper

42 100

72 17.8 39.7 59.5#

71 46.3 36.6 55.0

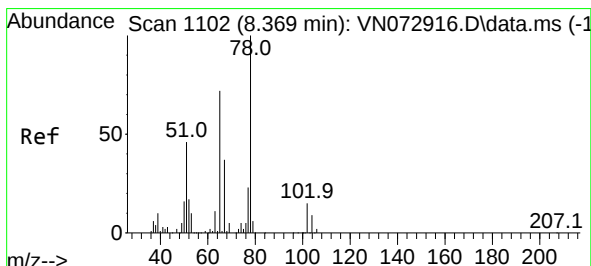
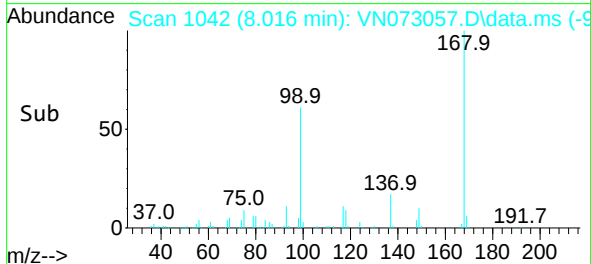
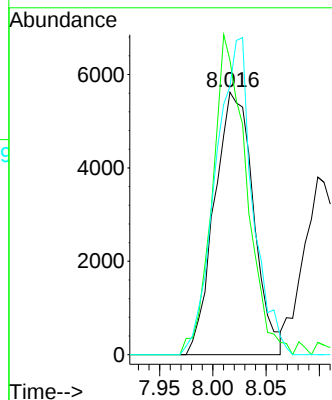
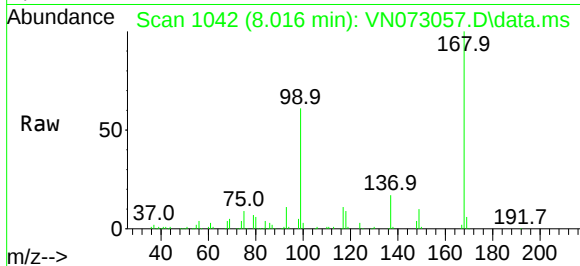




#31
Cyclohexane
Concen: 2.496 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073057.D
Acq: 23 Jun 2022 18:42

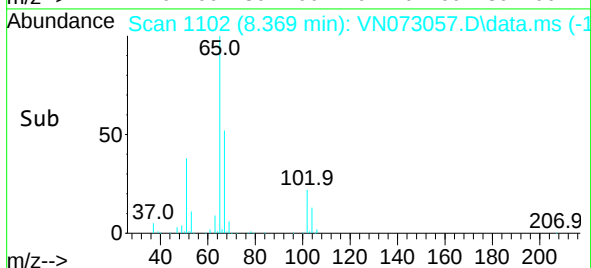
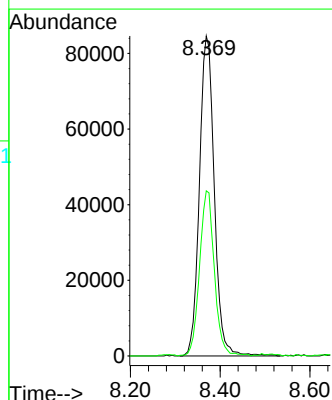
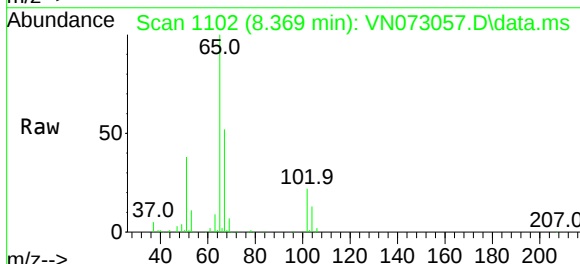
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-4

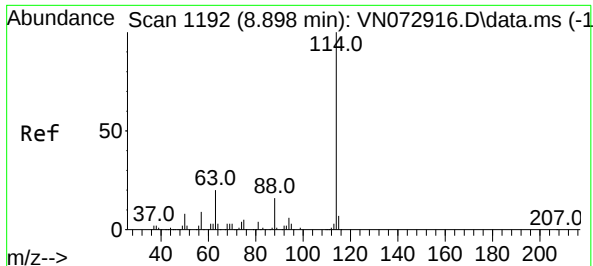
Tgt Ion: 56 Resp: 14293
Ion Ratio Lower Upper
56 100
69 112.1 27.8 41.8#
84 102.3 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 45.952 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN073057.D
Acq: 23 Jun 2022 18:42

Tgt Ion: 65 Resp: 194535
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VN073057.D

Acq: 23 Jun 2022 18:42

Instrument :

MSVOA_N

ClientSampleId :

WC-14B-2-4

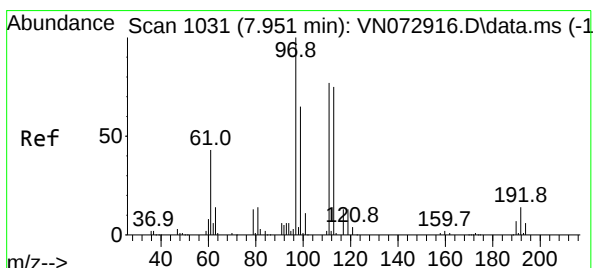
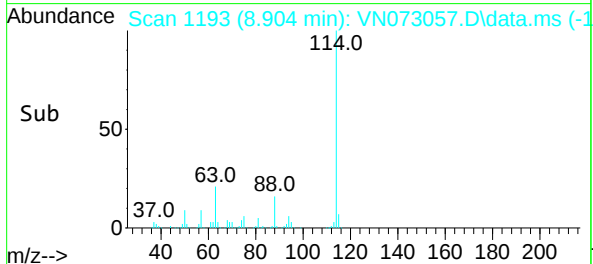
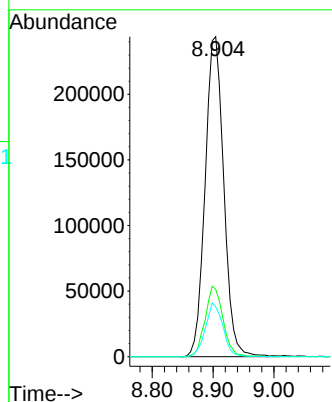
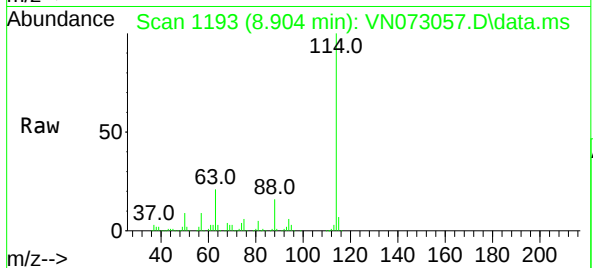
Tgt Ion:114 Resp: 518607

Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.0

88 15.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.009 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073057.D

Acq: 23 Jun 2022 18:42

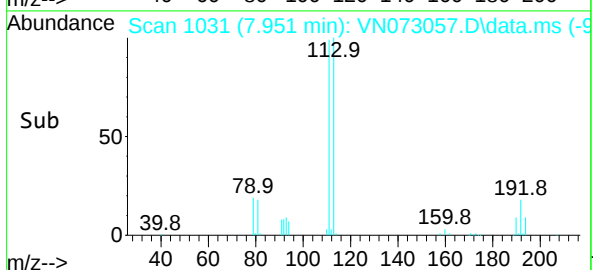
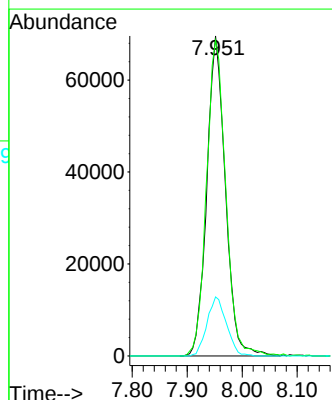
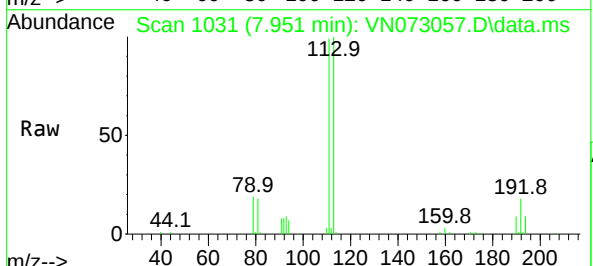
Tgt Ion:113 Resp: 163509

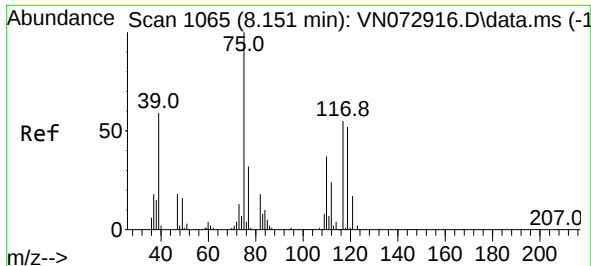
Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.0

192 19.2 17.0 25.6





#36

1,1-Dichloropropene

Concen: 5.994 ug/l

RT: 8.016 min Scan# 1

Delta R.T. -0.135 min

Lab File: VN073057.D

Acq: 23 Jun 2022 18:42

Instrument :

MSVOA_N

ClientSampleId :

WC-14B-2-4

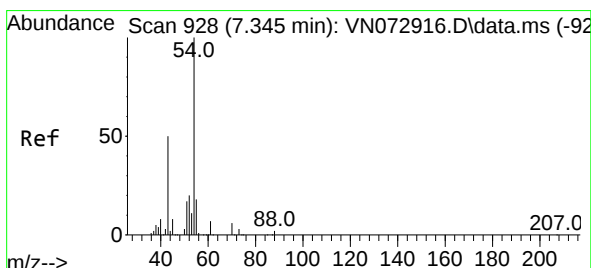
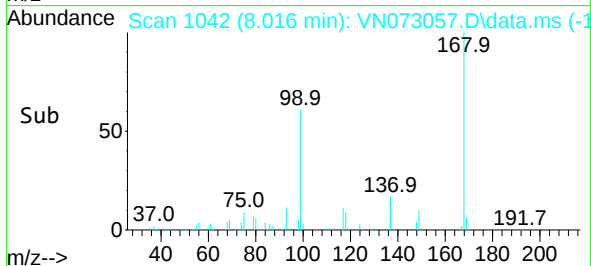
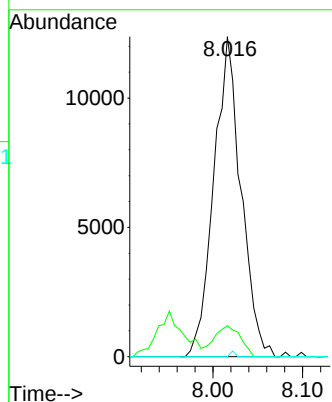
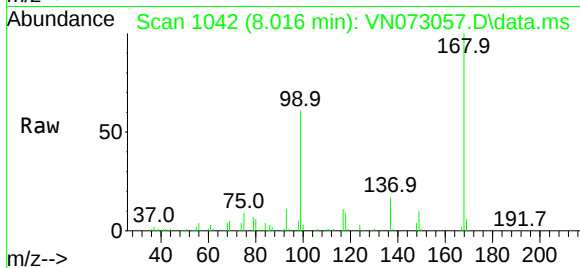
Tgt Ion: 75 Resp: 25997

Ion Ratio Lower Upper

75 100

110 9.5 18.3 54.8#

77 0.3 25.1 37.7#



#37

Ethyl Acetate

Concen: 6.823 ug/l

RT: 7.340 min Scan# 927

Delta R.T. -0.006 min

Lab File: VN073057.D

Acq: 23 Jun 2022 18:42

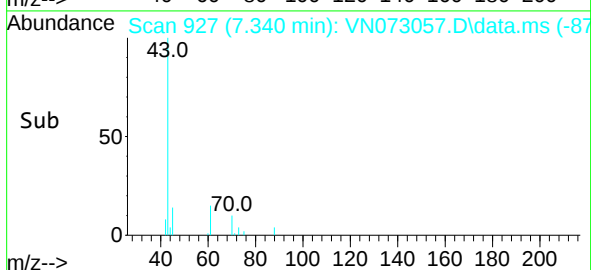
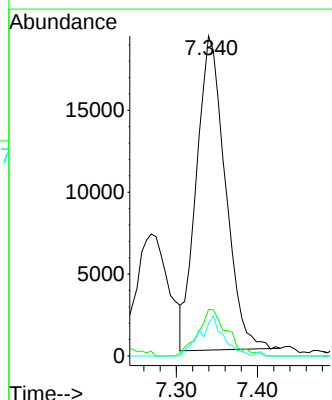
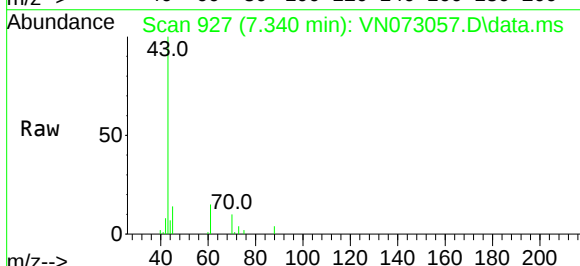
Tgt Ion: 43 Resp: 47333

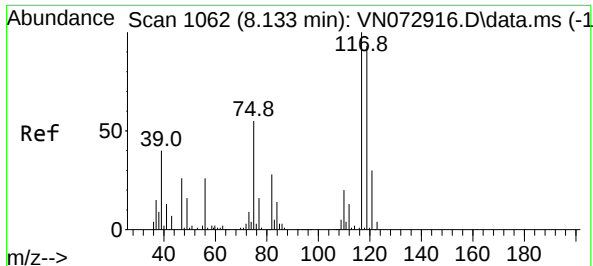
Ion Ratio Lower Upper

43 100

61 15.2 11.8 17.6

70 10.6 9.3 13.9

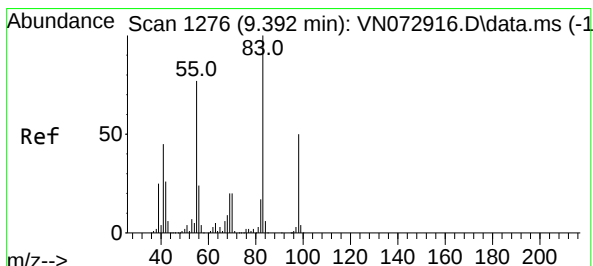
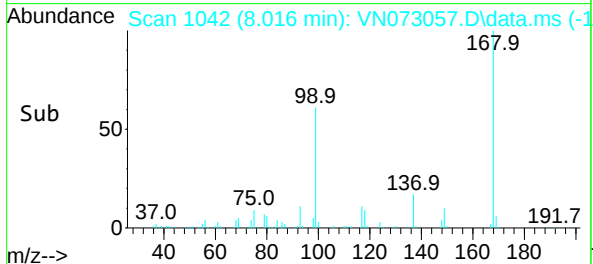
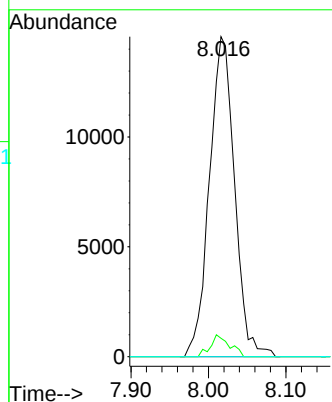
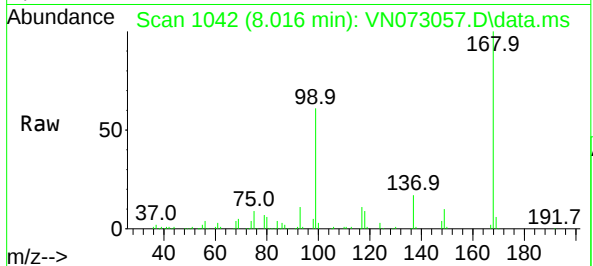




#38
Carbon Tetrachloride
Concen: 7.201 ug/l
RT: 8.016 min Scan# 1062
Delta R.T. -0.117 min
Lab File: VN073057.D
Acq: 23 Jun 2022 18:42

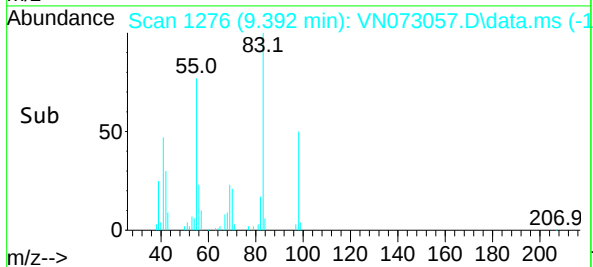
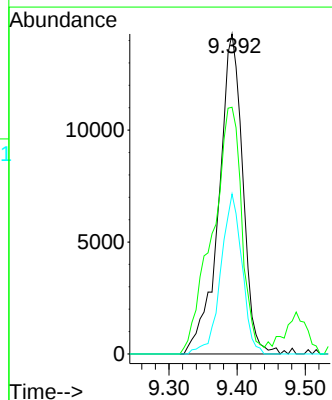
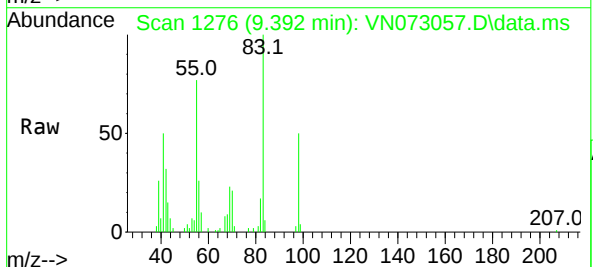
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-4

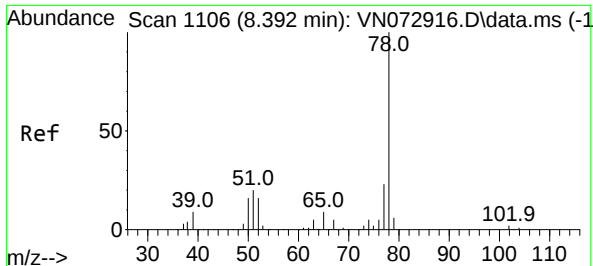
Tgt Ion:117 Resp: 32851
Ion Ratio Lower Upper
117 100
119 5.8 75.8 113.8#
121 0.0 24.6 37.0#



#39
Methylcyclohexane
Concen: 6.719 ug/l
RT: 9.392 min Scan# 1276
Delta R.T. 0.000 min
Lab File: VN073057.D
Acq: 23 Jun 2022 18:42

Tgt Ion: 83 Resp: 35128
Ion Ratio Lower Upper
83 100
55 77.1 57.8 86.8
98 50.0 39.4 59.2





#40

Benzene

Concen: 0.562 ug/l

RT: 8.398 min Scan# 1106

Delta R.T. 0.006 min

Lab File: VN073057.D

Acq: 23 Jun 2022 18:42

Instrument :

MSVOA_N

ClientSampleId :

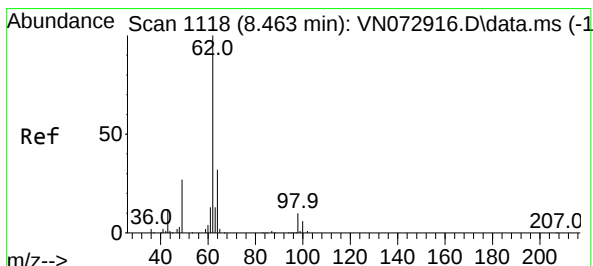
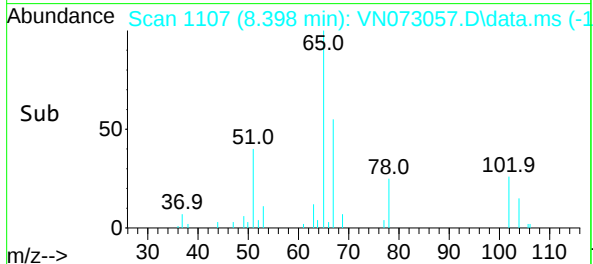
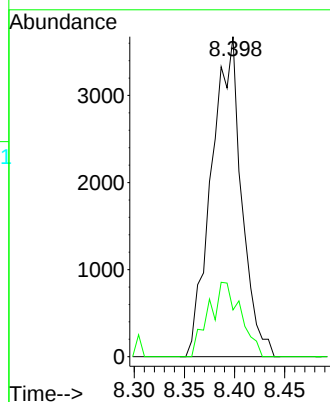
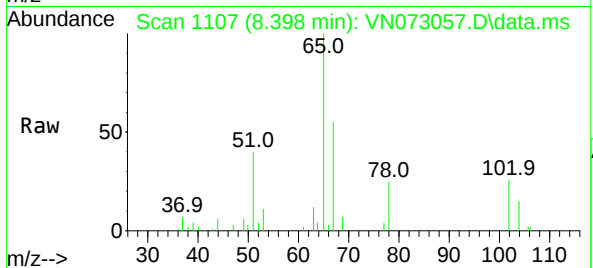
WC-14B-2-4

Tgt Ion: 78 Resp: 7655

Ion Ratio Lower Upper

78 100

77 14.6 19.4 29.0#



#42

1,2-Dichloroethane

Concen: 0.236 ug/l

RT: 8.475 min Scan# 1120

Delta R.T. 0.012 min

Lab File: VN073057.D

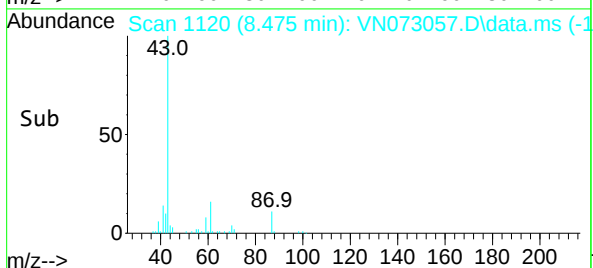
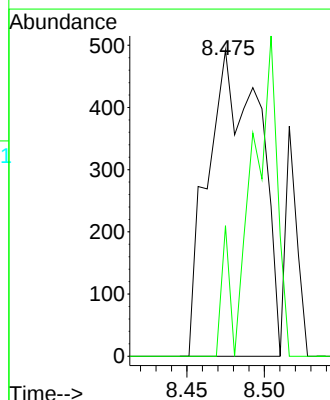
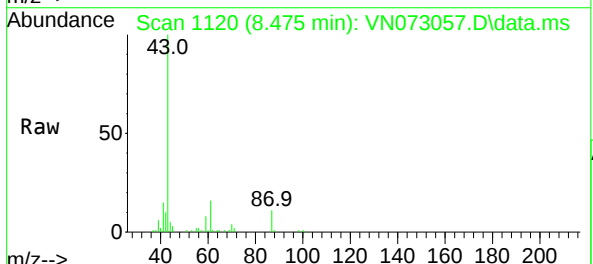
Acq: 23 Jun 2022 18:42

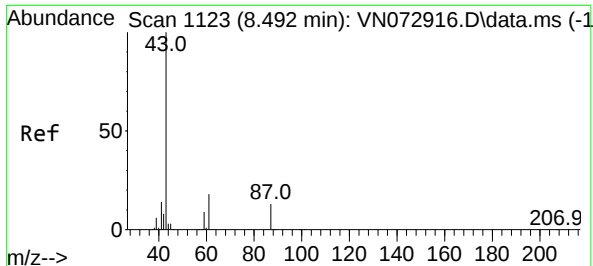
Tgt Ion: 62 Resp: 1143

Ion Ratio Lower Upper

62 100

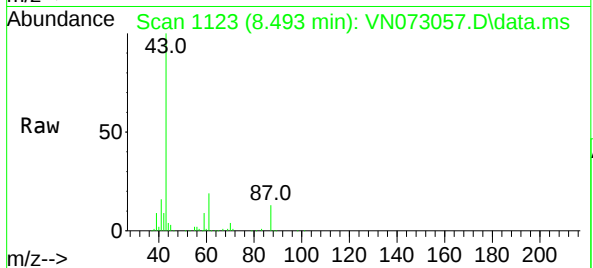
98 0.0 0.0 19.4



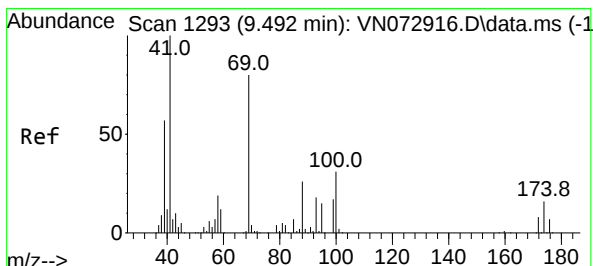
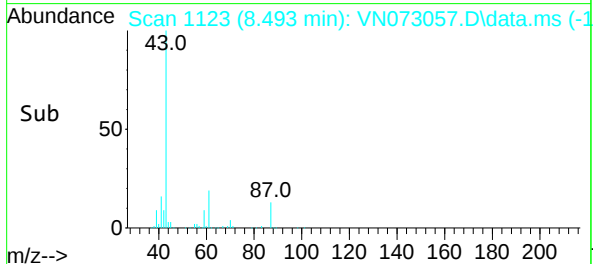
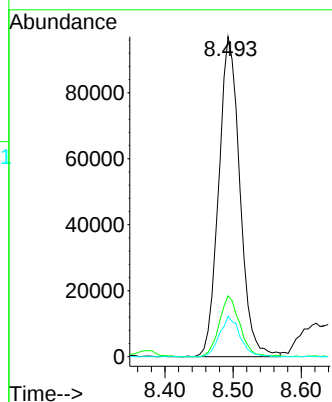


#43
Isopropyl Acetate
Concen: 21.144 ug/l
RT: 8.493 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN073057.D
Acq: 23 Jun 2022 18:42

Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-4

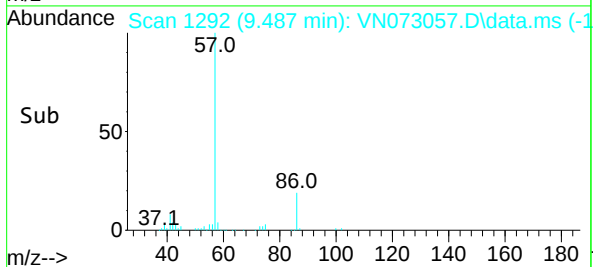
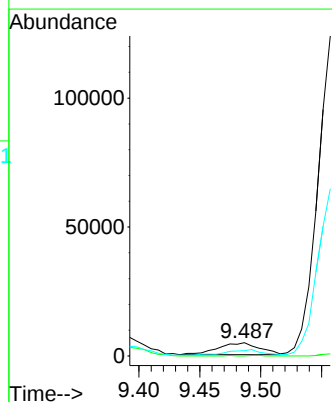
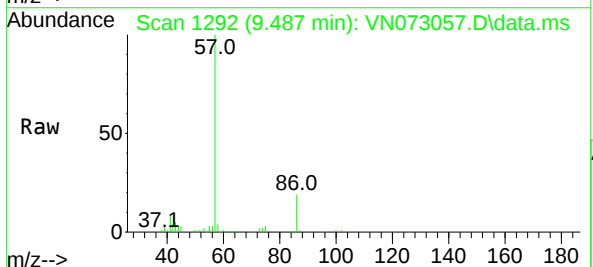


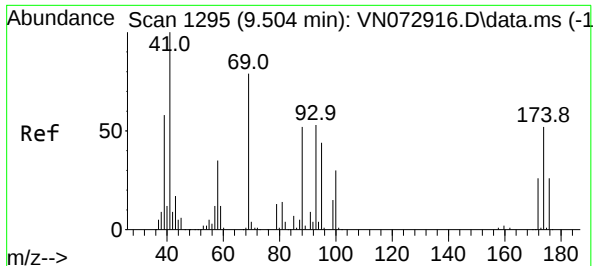
Tgt Ion: 43 Resp: 209687
Ion Ratio Lower Upper
43 100
61 18.4 21.9 32.9#
87 12.1 12.0 18.0



#48
Methyl methacrylate
Concen: 2.399 ug/l
RT: 9.487 min Scan# 1292
Delta R.T. -0.006 min
Lab File: VN073057.D
Acq: 23 Jun 2022 18:42

Tgt Ion: 41 Resp: 10861
Ion Ratio Lower Upper
41 100
69 0.0 74.7 112.1#
39 41.7 45.6 68.4#





#49

1,4-Dioxane

Concen: 1.983 ug/l

RT: 9.563 min Scan# 11

Delta R.T. 0.059 min

Lab File: VN073057.D

Acq: 23 Jun 2022 18:42

Instrument :

MSVOA_N

ClientSampleId :

WC-14B-2-4

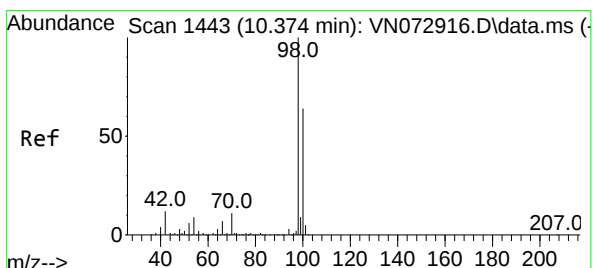
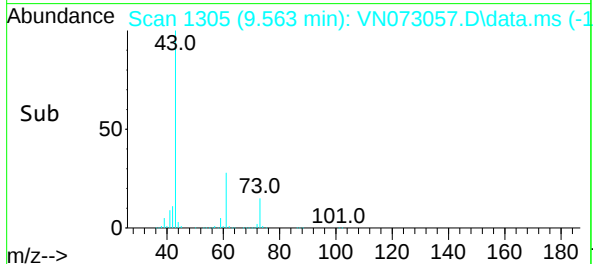
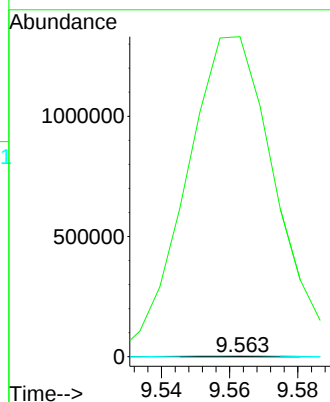
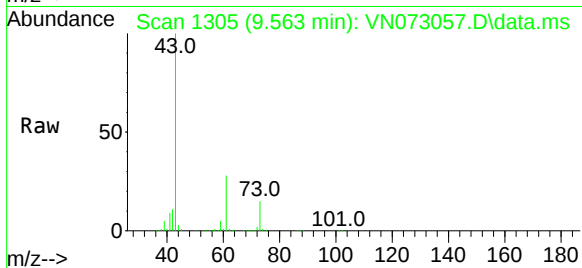
Tgt Ion: 88 Resp: 202

Ion Ratio Lower Upper

88 100

43 1233273.3 20.2 30.4#

58 4760.4 54.2 81.4#



#50

Toluene-d8

Concen: 44.857 ug/l

RT: 10.375 min Scan# 1443

Delta R.T. 0.000 min

Lab File: VN073057.D

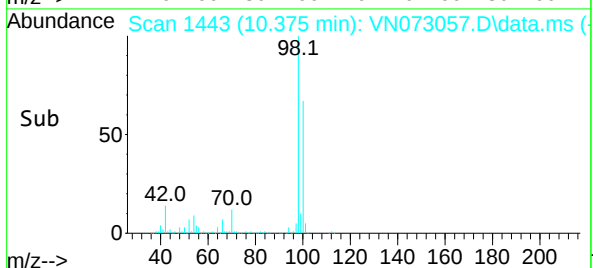
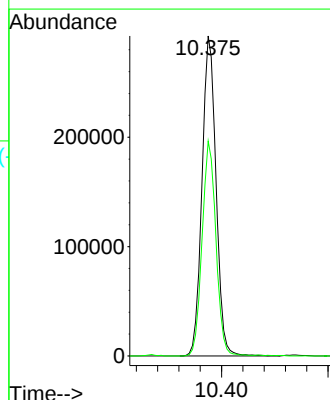
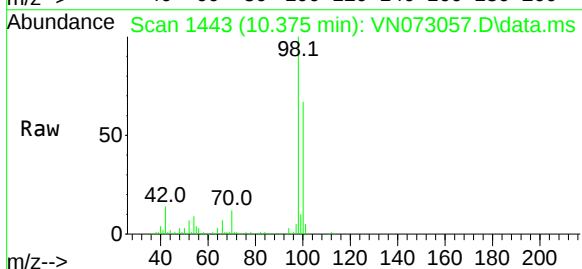
Acq: 23 Jun 2022 18:42

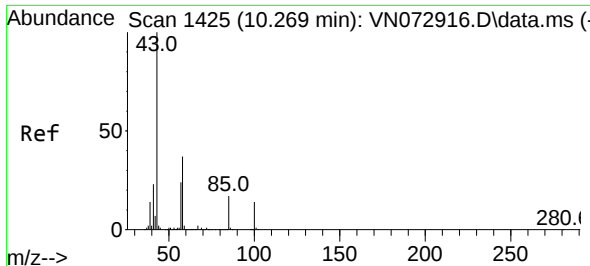
Tgt Ion: 98 Resp: 535031

Ion Ratio Lower Upper

98 100

100 66.2 52.6 78.8

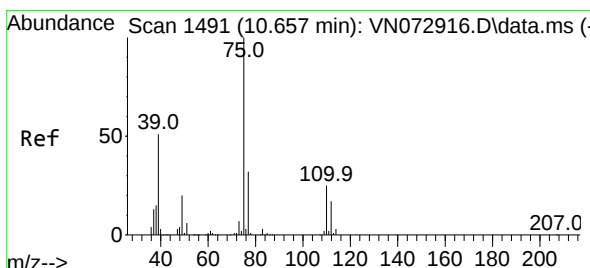
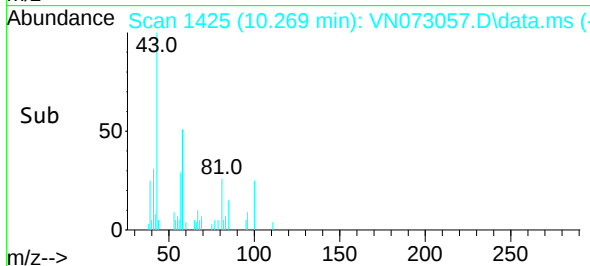
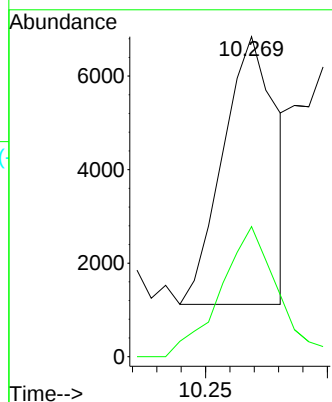
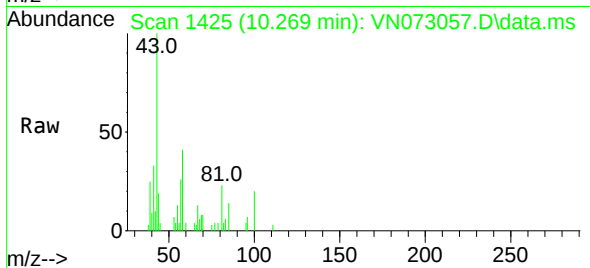




#51
4-Methyl-2-Pentanone
Concen: 1.347 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VN073057.D
Acq: 23 Jun 2022 18:42

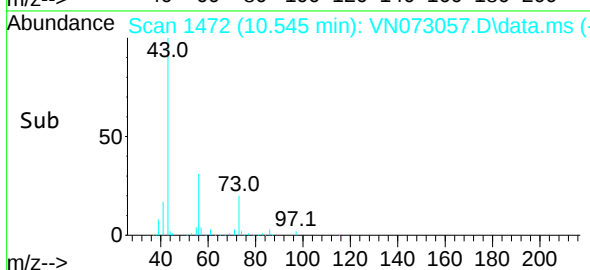
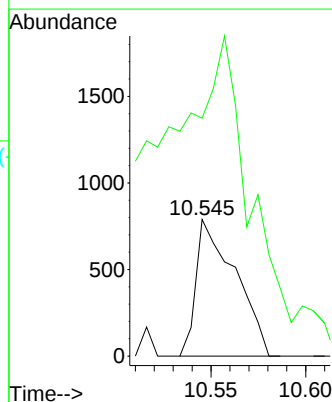
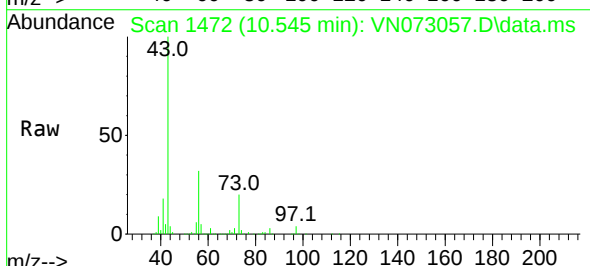
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-4

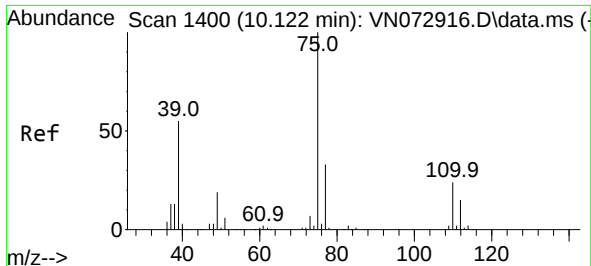
Tgt Ion: 43 Resp: 8710
Ion Ratio Lower Upper
43 100
58 53.6 34.1 51.1#



#53
t-1,3-Dichloropropene
Concen: 0.225 ug/l
RT: 10.545 min Scan# 1472
Delta R.T. -0.111 min
Lab File: VN073057.D
Acq: 23 Jun 2022 18:42

Tgt Ion: 75 Resp: 1133
Ion Ratio Lower Upper
75 100
77 124.5 25.6 38.4#

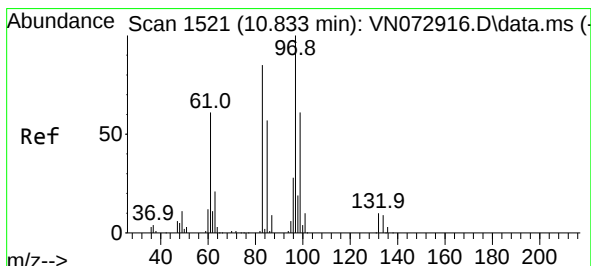
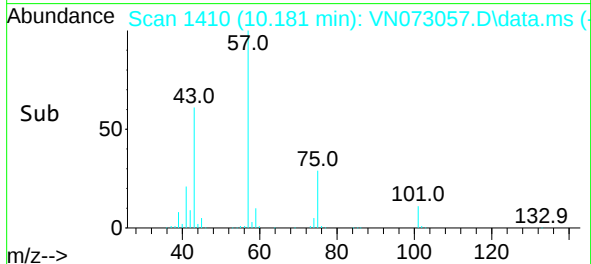
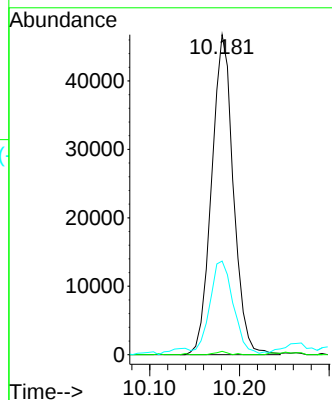
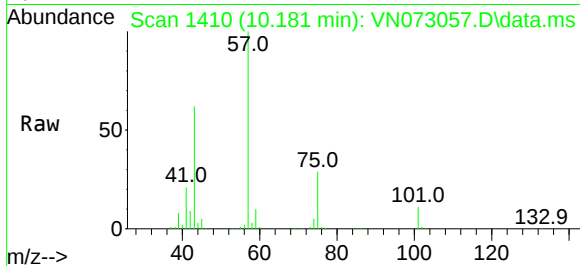




#54
cis-1,3-Dichloropropene
Concen: 14.314 ug/l
RT: 10.181 min Scan# 1410
Delta R.T. 0.059 min
Lab File: VN073057.D
Acq: 23 Jun 2022 18:42

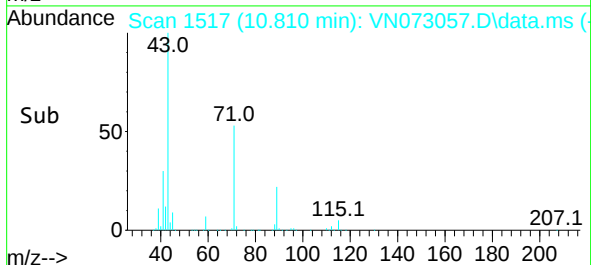
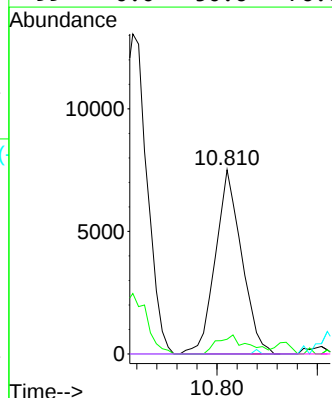
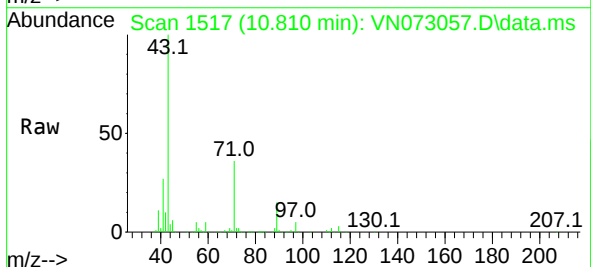
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-4

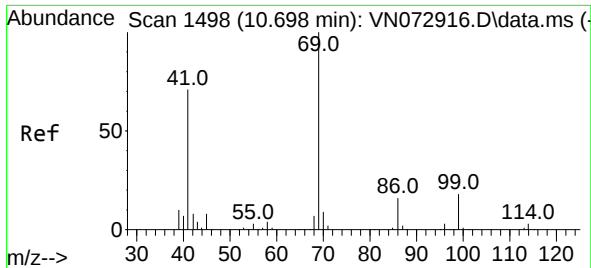
Tgt Ion: 75 Resp: 78728
Ion Ratio Lower Upper
75 100
77 1.1 25.2 37.8#
39 27.5 35.7 53.5#



#55
1,1,2-Trichloroethane
Concen: 3.727 ug/l
RT: 10.810 min Scan# 1517
Delta R.T. -0.023 min
Lab File: VN073057.D
Acq: 23 Jun 2022 18:42

Tgt Ion: 97 Resp: 13697
Ion Ratio Lower Upper
97 100
83 8.0 66.2 99.4#
85 0.0 43.9 65.9#
99 0.0 50.6 76.0#

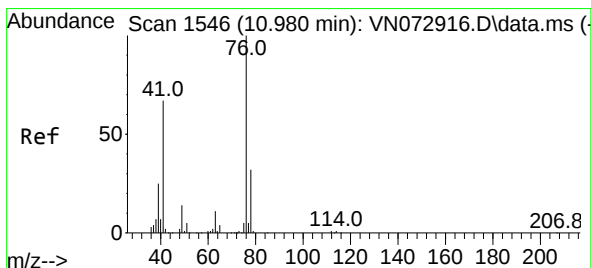
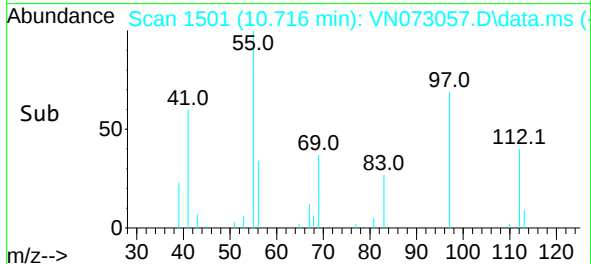
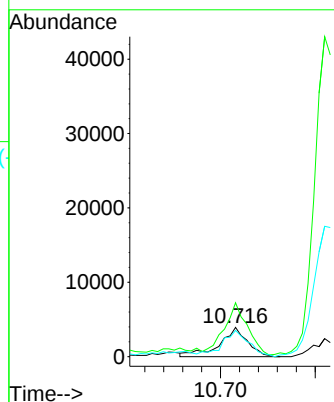
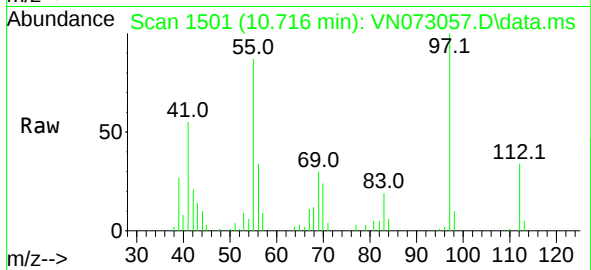




#56
Ethyl methacrylate
Concen: 1.355 ug/l
RT: 10.716 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN073057.D
Acq: 23 Jun 2022 18:42

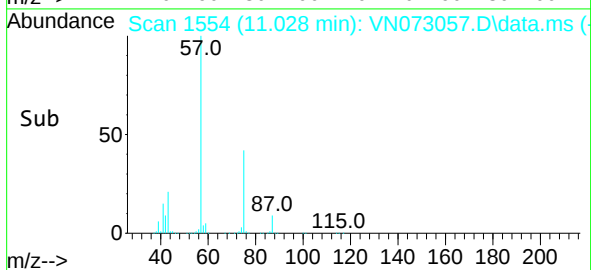
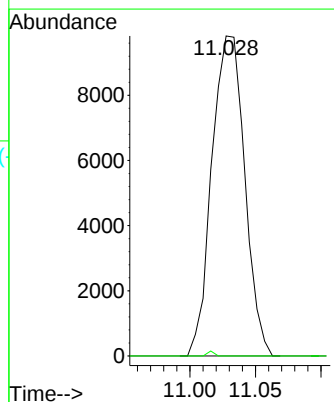
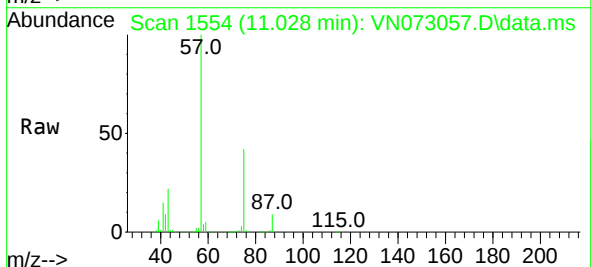
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-4

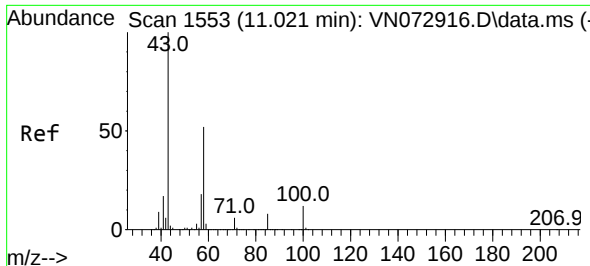
Tgt Ion: 69 Resp: 7978
Ion Ratio Lower Upper
69 100
41 147.2 47.8 71.6#
39 86.0 27.3 40.9#



#57
1,3-Dichloropropane
Concen: 2.810 ug/l
RT: 11.028 min Scan# 1554
Delta R.T. 0.047 min
Lab File: VN073057.D
Acq: 23 Jun 2022 18:42

Tgt Ion: 76 Resp: 17129
Ion Ratio Lower Upper
76 100
78 0.3 26.2 39.2#

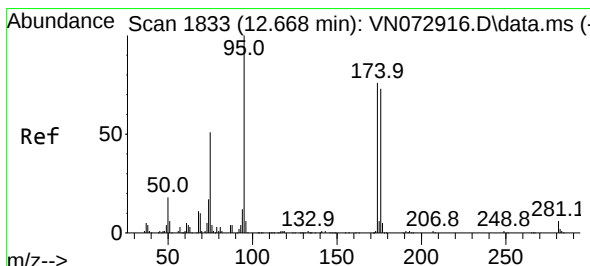
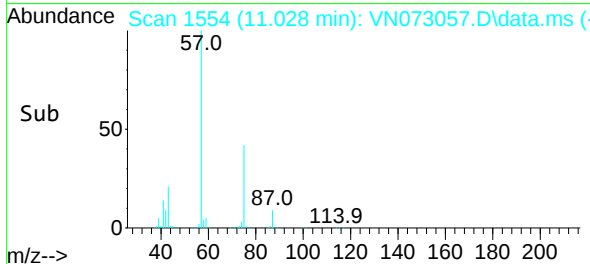
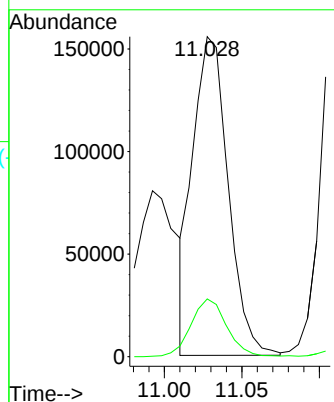
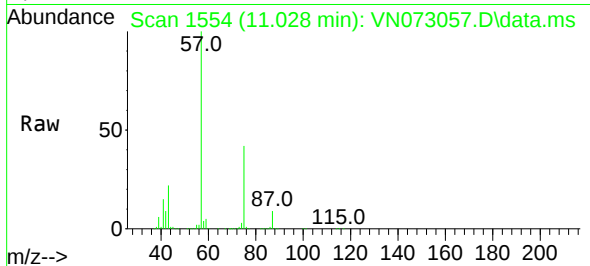




#59
2-Hexanone
Concen: 49.169 ug/l
RT: 11.028 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073057.D
Acq: 23 Jun 2022 18:42

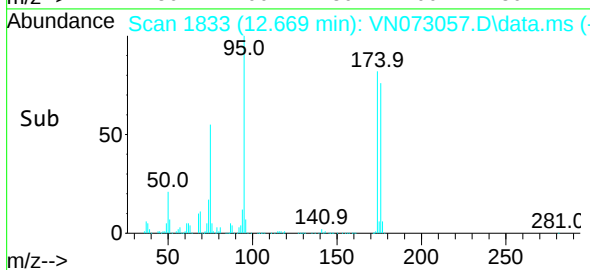
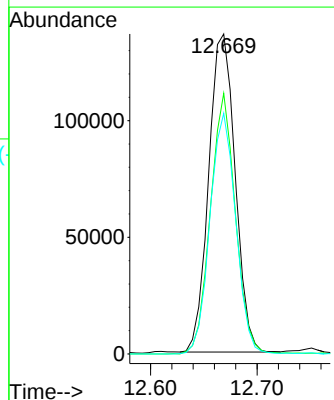
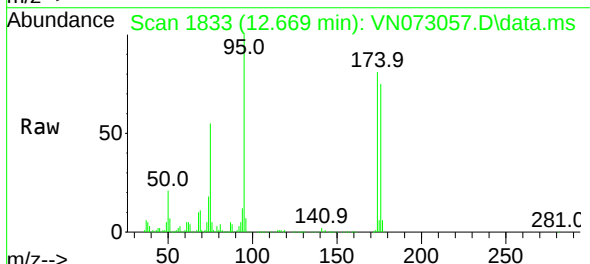
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-4

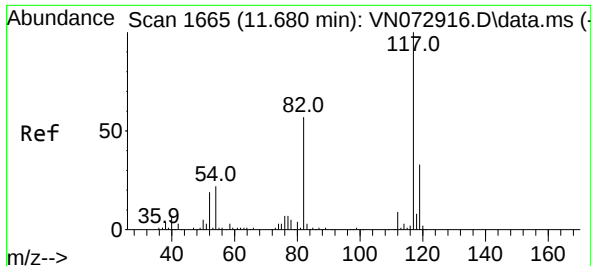
Tgt Ion: 43 Resp: 245937
Ion Ratio Lower Upper
43 100
58 18.5 29.7 89.1#



#62
4-Bromofluorobenzene
Concen: 54.806 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN073057.D
Acq: 23 Jun 2022 18:42

Tgt Ion: 95 Resp: 235062
Ion Ratio Lower Upper
95 100
174 77.7 0.0 167.6
176 73.7 0.0 163.4

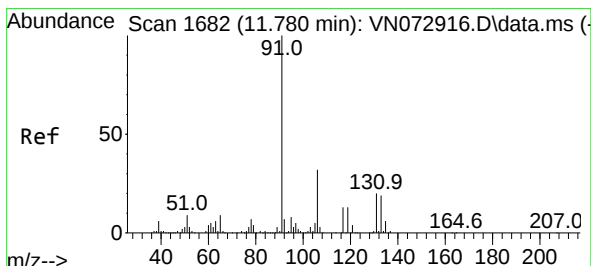
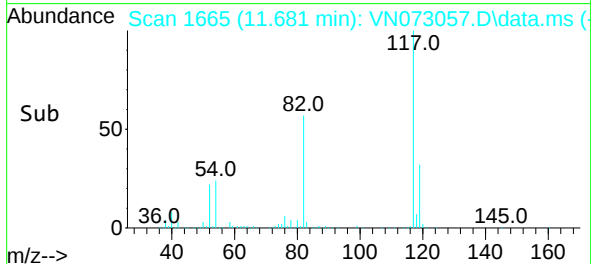
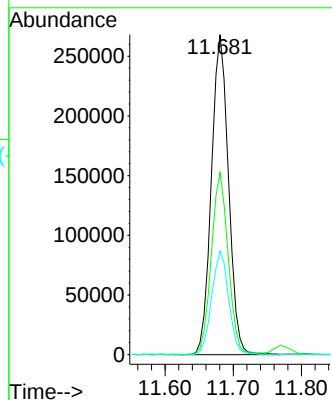
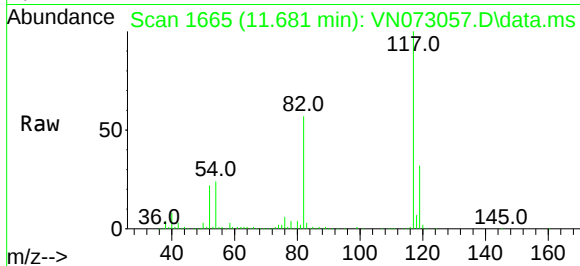




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.681 min Scan# 1165
Delta R.T. 0.000 min
Lab File: VN073057.D
Acq: 23 Jun 2022 18:42

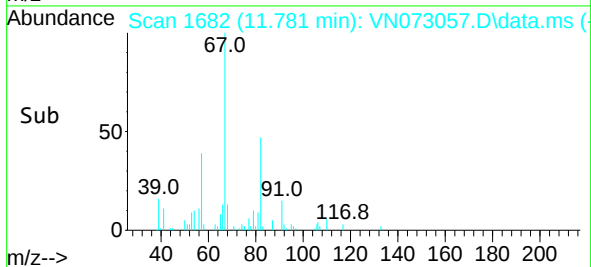
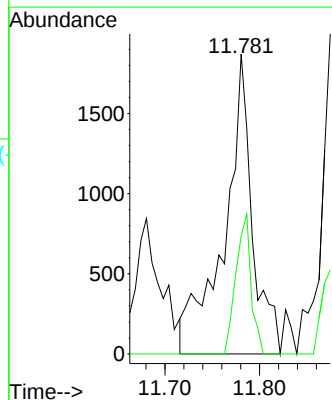
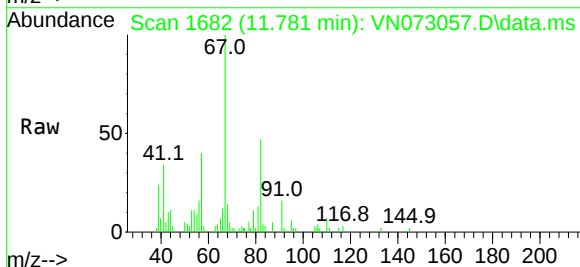
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-4

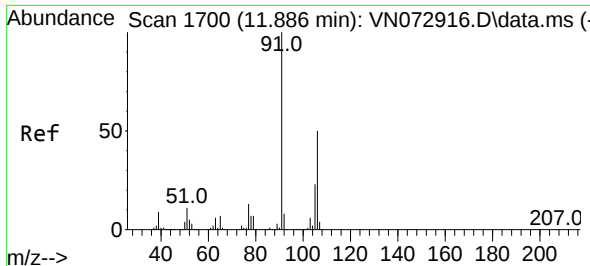
Tgt Ion:117 Resp: 468821
Ion Ratio Lower Upper
117 100
82 56.8 44.2 66.2
119 32.4 25.4 38.0



#67
Ethyl Benzene
Concen: 0.238 ug/l
RT: 11.781 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073057.D
Acq: 23 Jun 2022 18:42

Tgt Ion: 91 Resp: 3833
Ion Ratio Lower Upper
91 100
106 39.3 24.9 37.3#

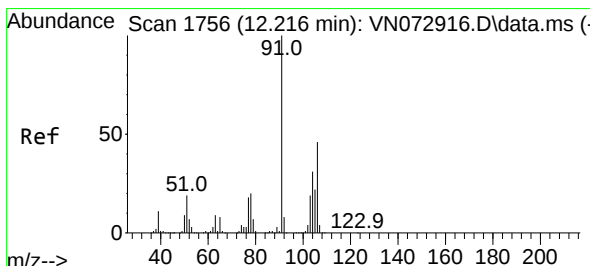
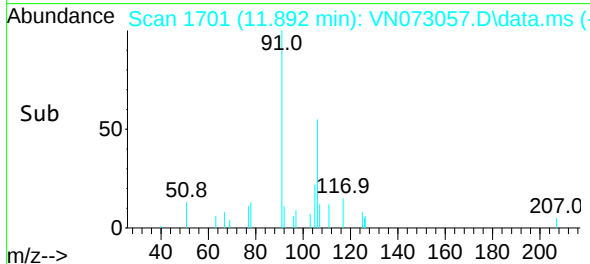
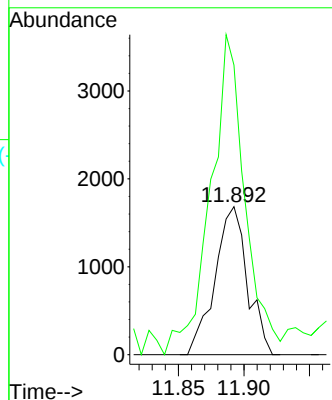
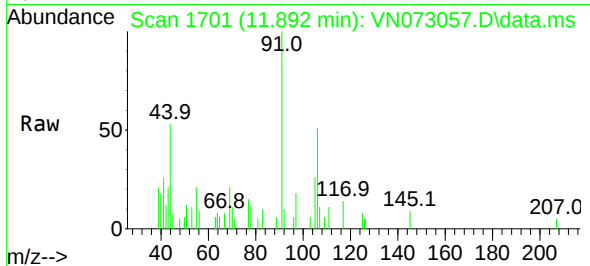




#68
m/p-Xylenes
Concen: 0.460 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN073057.D
Acq: 23 Jun 2022 18:42

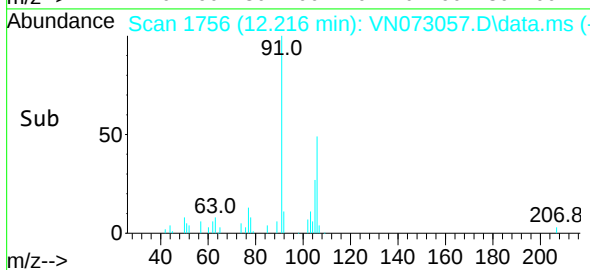
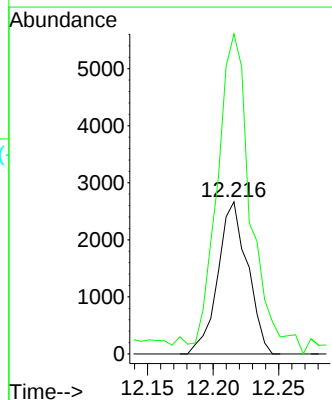
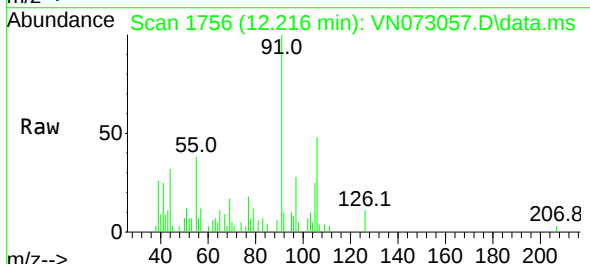
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-4

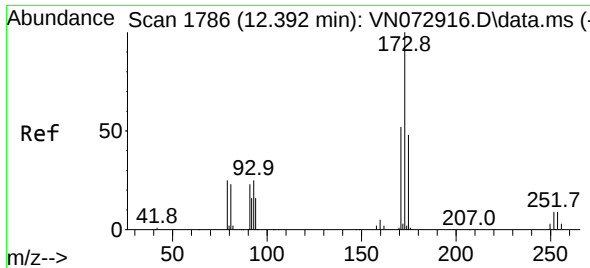
Tgt Ion:106 Resp: 2906
Ion Ratio Lower Upper
106 100
91 228.3 158.9 238.3



#69
o-Xylene
Concen: 0.664 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. 0.000 min
Lab File: VN073057.D
Acq: 23 Jun 2022 18:42

Tgt Ion:106 Resp: 4192
Ion Ratio Lower Upper
106 100
91 239.4 106.0 318.0

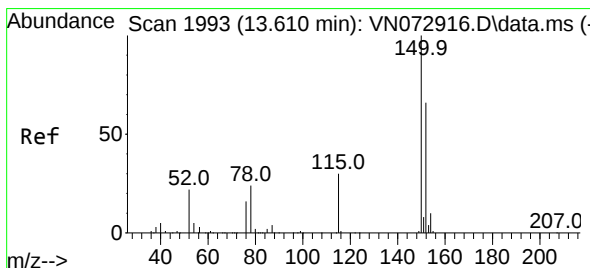
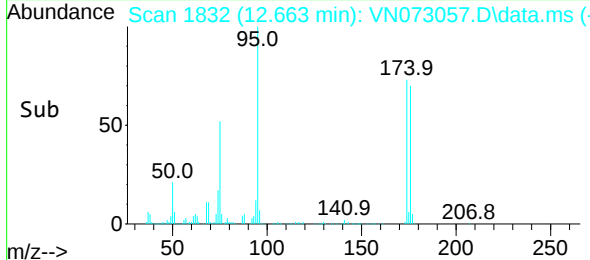
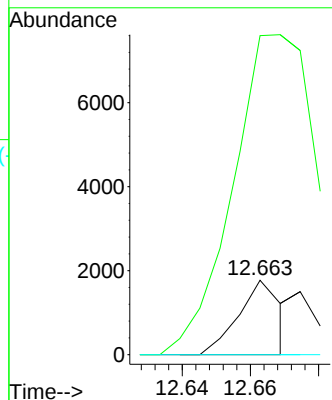
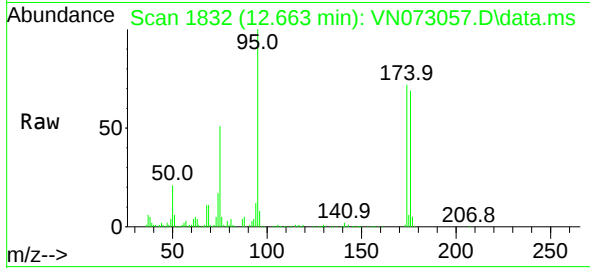




#71
Bromoform
Concen: 0.582 ug/l
RT: 12.663 min Scan# 1832
Delta R.T. 0.271 min
Lab File: VN073057.D
Acq: 23 Jun 2022 18:42

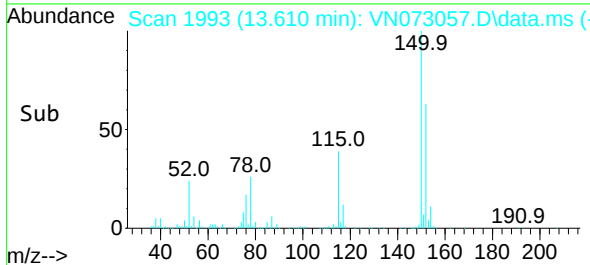
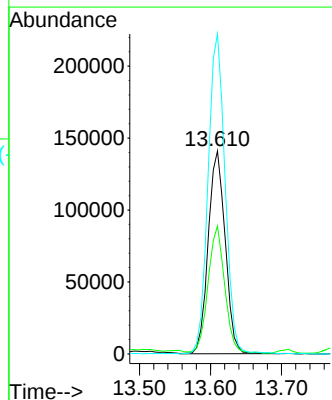
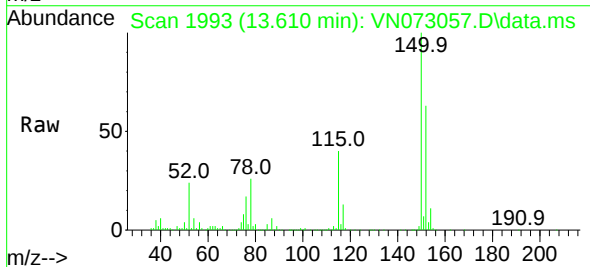
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-4

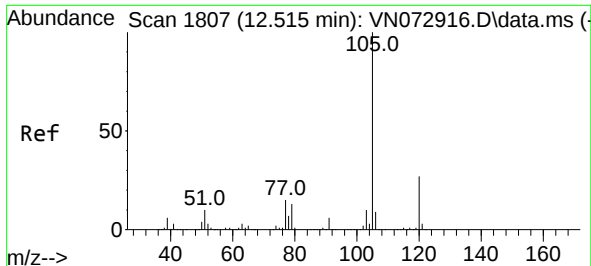
Tgt Ion:173 Resp: 1530
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VN073057.D
Acq: 23 Jun 2022 18:42

Tgt Ion:152 Resp: 234590
Ion Ratio Lower Upper
152 100
115 61.4 28.9 86.7
150 157.4 0.0 356.2

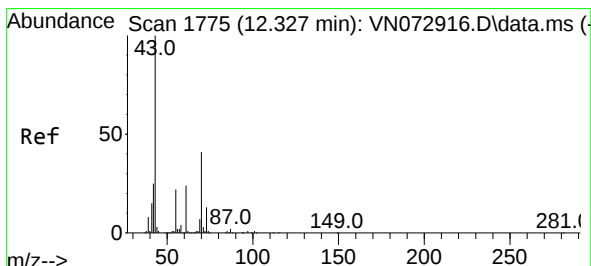
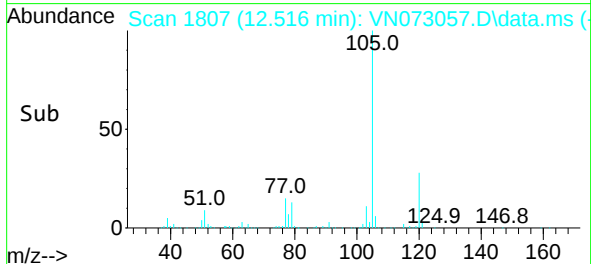
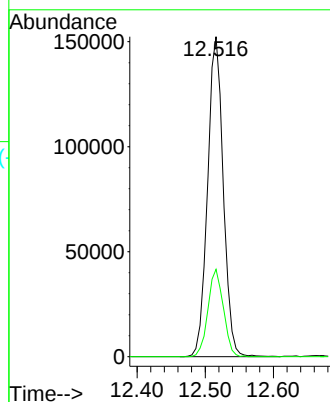
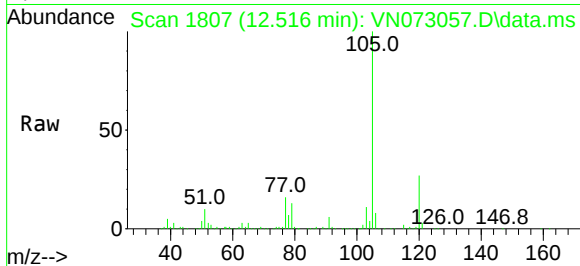




#73
Isopropylbenzene
Concen: 13.424 ug/l
RT: 12.516 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073057.D
Acq: 23 Jun 2022 18:42

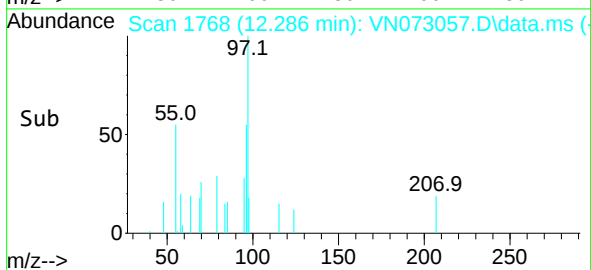
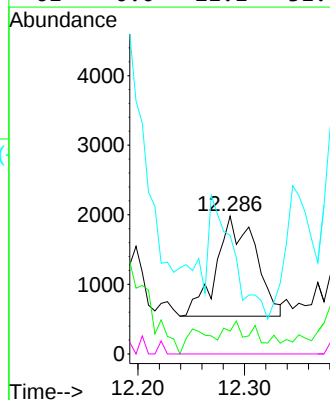
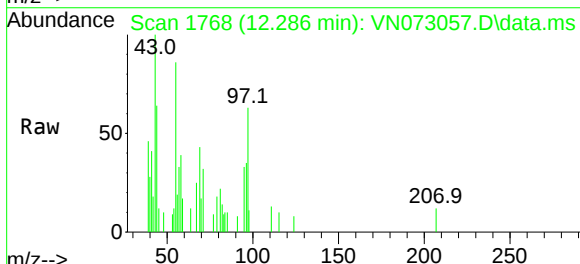
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-4

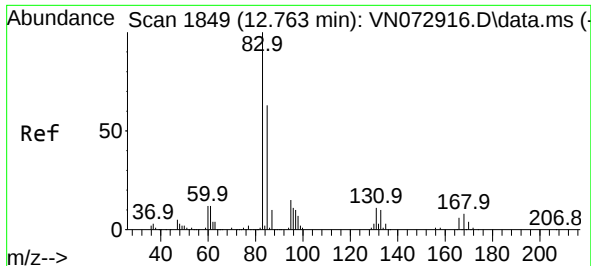
Tgt Ion:105 Resp: 243633
Ion Ratio Lower Upper
105 100
120 26.9 13.5 40.4



#74
N-ethyl acetate
Concen: 0.392 ug/l
RT: 12.286 min Scan# 1768
Delta R.T. -0.041 min
Lab File: VN073057.D
Acq: 23 Jun 2022 18:42

Tgt Ion: 43 Resp: 3688
Ion Ratio Lower Upper
43 100
70 16.0 39.0 58.4#
55 0.0 21.1 31.7#
61 0.0 21.1 31.7#

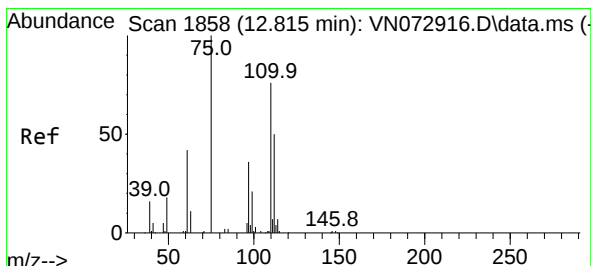
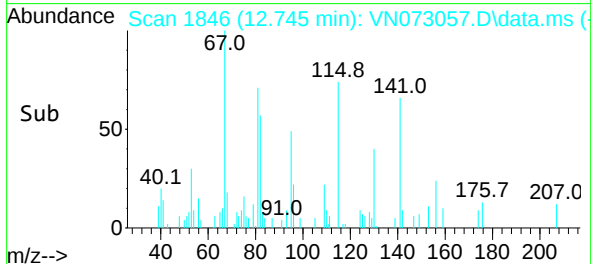
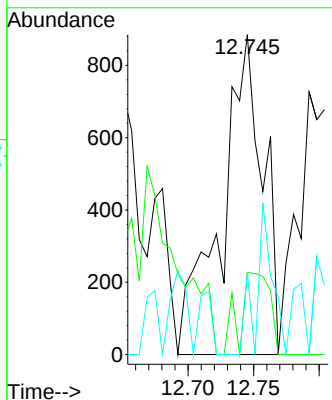
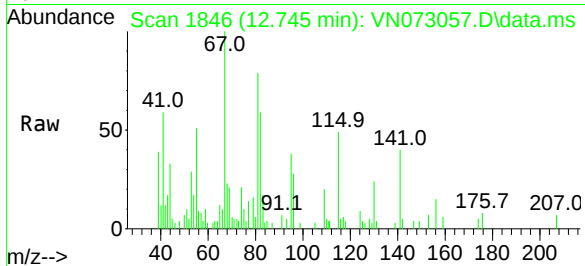




#75
1,1,2,2-Tetrachloroethane
Concen: 0.296 ug/l
RT: 12.745 min Scan# 1833
Delta R.T. -0.017 min
Lab File: VN073057.D
Acq: 23 Jun 2022 18:42

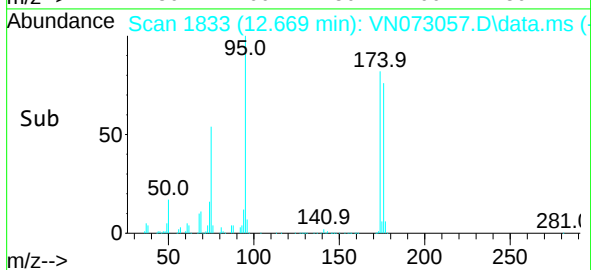
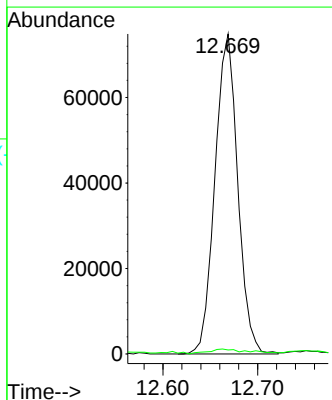
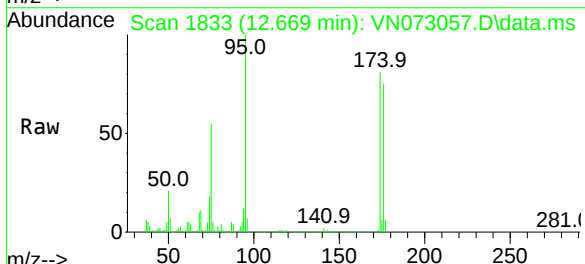
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-4

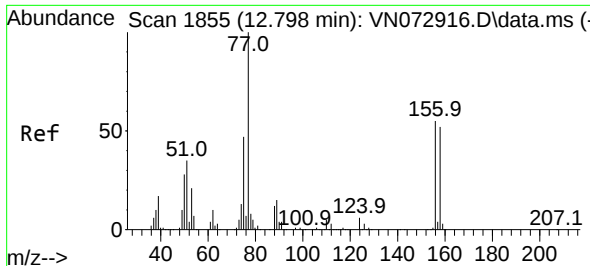
Tgt Ion: 83 Resp: 1936
Ion Ratio Lower Upper
83 100
131 18.5 5.3 15.9#
85 18.6 32.3 96.9#



#76
1,2,3-Trichloropropane
Concen: 22.017 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.147 min
Lab File: VN073057.D
Acq: 23 Jun 2022 18:42

Tgt Ion: 75 Resp: 125226
Ion Ratio Lower Upper
75 100
77 2.8 98.5 295.5#

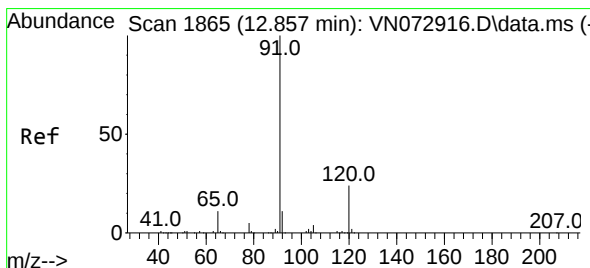
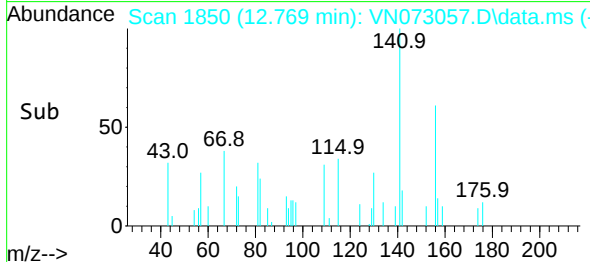
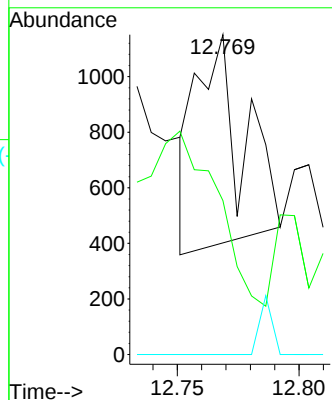
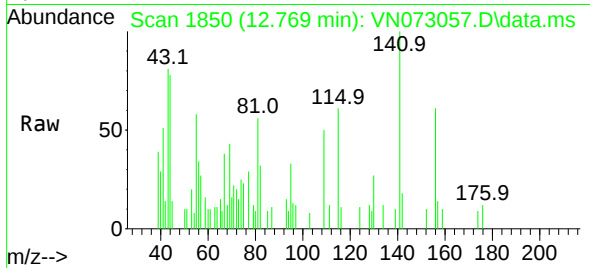




#77
Bromobenzene
Concen: 0.234 ug/l
RT: 12.769 min Scan# 1850
Delta R.T. -0.029 min
Lab File: VN073057.D
Acq: 23 Jun 2022 18:42

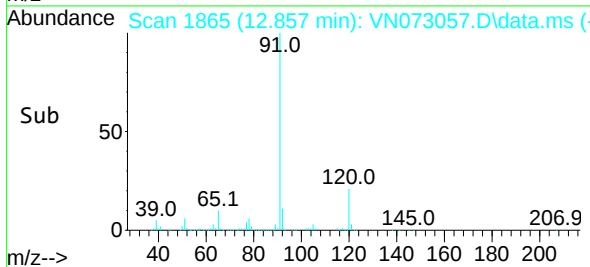
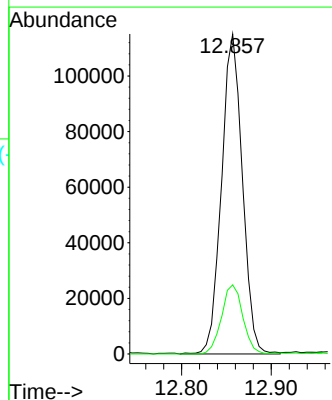
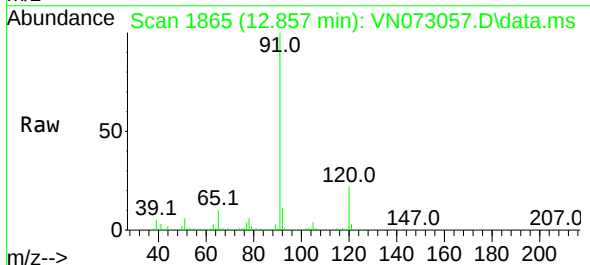
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-4

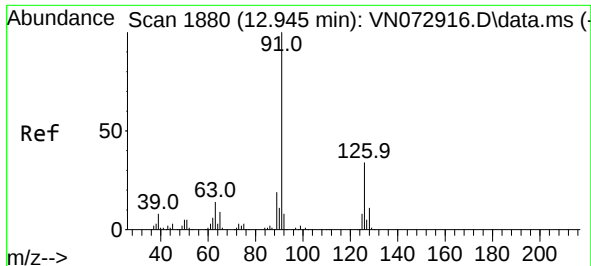
Tgt Ion:156 Resp: 1018
Ion Ratio Lower Upper
156 100
77 177.9 100.5 301.5
158 0.0 48.9 146.6#



#78
n-propylbenzene
Concen: 9.306 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VN073057.D
Acq: 23 Jun 2022 18:42

Tgt Ion: 91 Resp: 185767
Ion Ratio Lower Upper
91 100
120 22.0 11.9 35.5

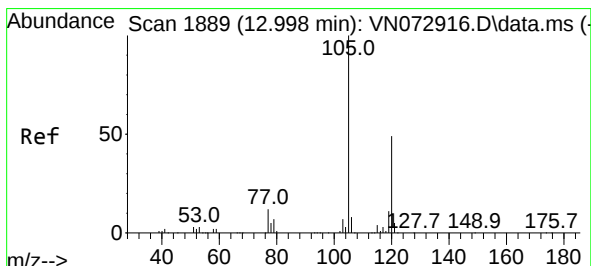
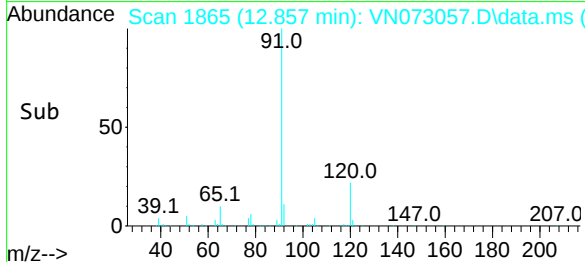
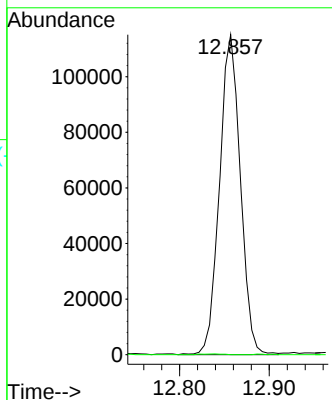
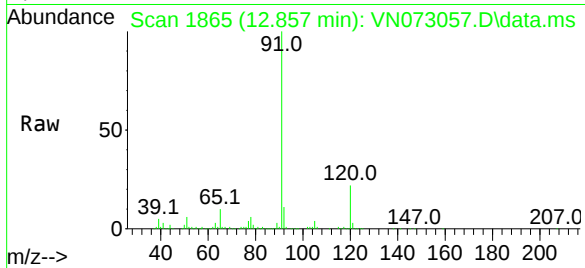




#79
2-Chlorotoluene
Concen: 14.371 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. -0.088 min
Lab File: VN073057.D
Acq: 23 Jun 2022 18:42

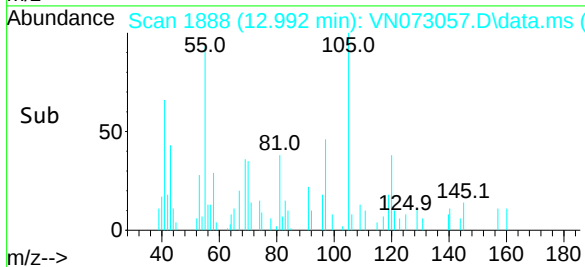
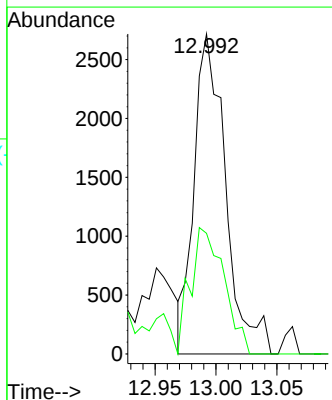
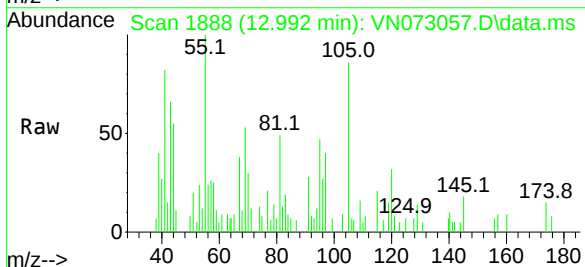
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-4

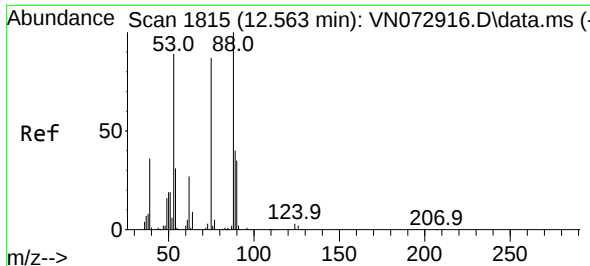
Tgt Ion: 91 Resp: 185767
Ion Ratio Lower Upper
91 100
126 0.3 17.3 51.9#



#80
1,3,5-Trimethylbenzene
Concen: 0.328 ug/l
RT: 12.992 min Scan# 1888
Delta R.T. -0.006 min
Lab File: VN073057.D
Acq: 23 Jun 2022 18:42

Tgt Ion: 105 Resp: 4885
Ion Ratio Lower Upper
105 100
120 42.1 24.9 74.7

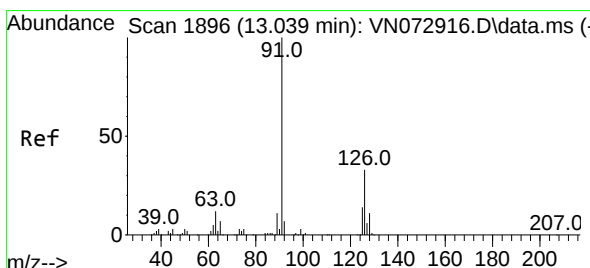
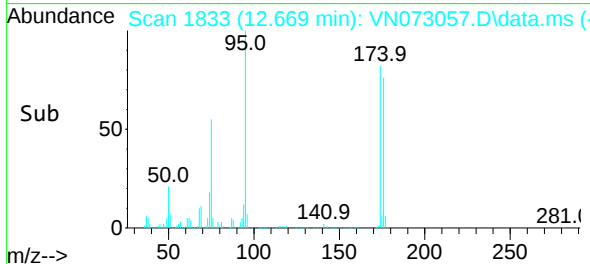
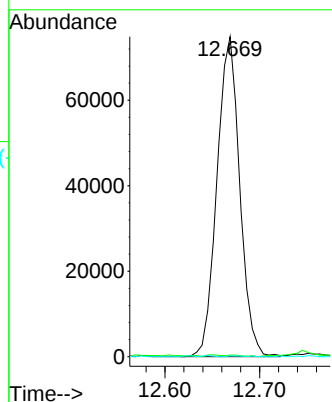
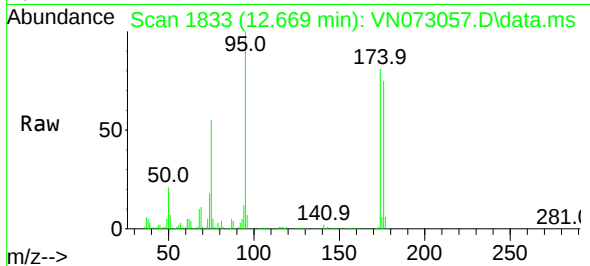




#81
trans-1,4-Dichloro-2-butene
Concen: 59.461 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.106 min
Lab File: VN073057.D
Acq: 23 Jun 2022 18:42

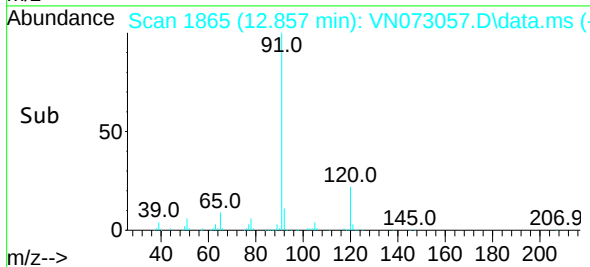
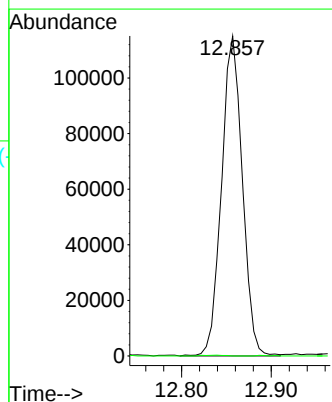
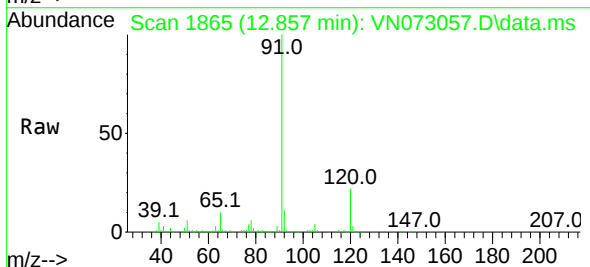
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-4

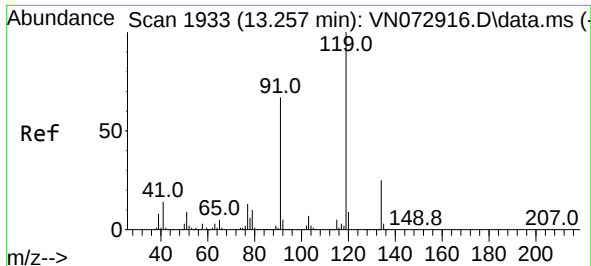
Tgt Ion: 75 Resp: 125226
Ion Ratio Lower Upper
75 100
53 0.4 78.0 117.0#
89 0.0 37.2 55.8#



#82
4-Chlorotoluene
Concen: 15.189 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. -0.182 min
Lab File: VN073057.D
Acq: 23 Jun 2022 18:42

Tgt Ion: 91 Resp: 185767
Ion Ratio Lower Upper
91 100
126 0.3 17.2 51.6#

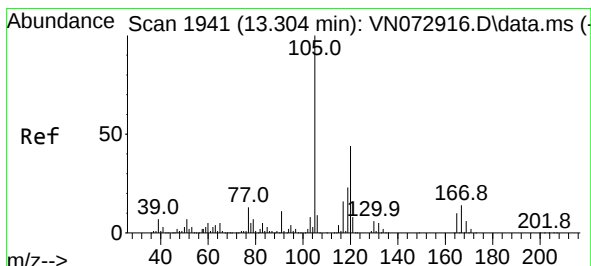
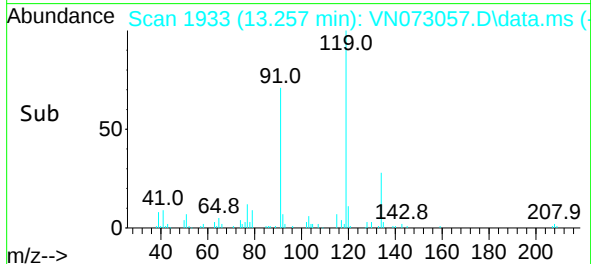
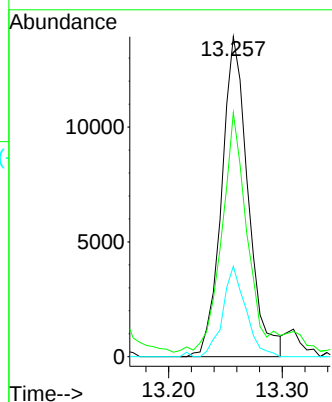
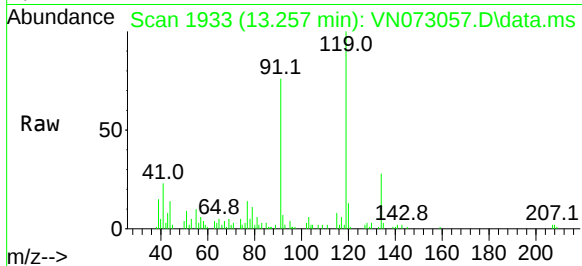




#83
tert-Butylbenzene
Concen: 1.658 ug/l
RT: 13.257 min Scan# 1933
Delta R.T. 0.000 min
Lab File: VN073057.D
Acq: 23 Jun 2022 18:42

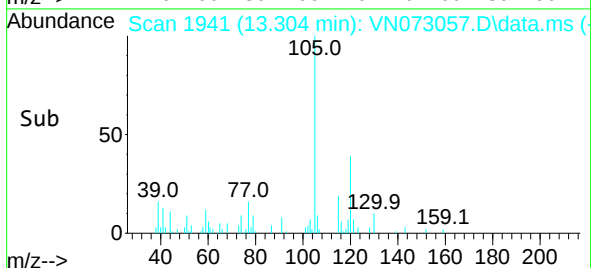
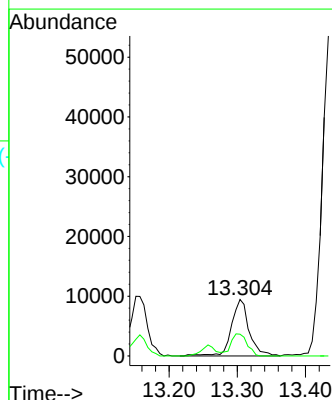
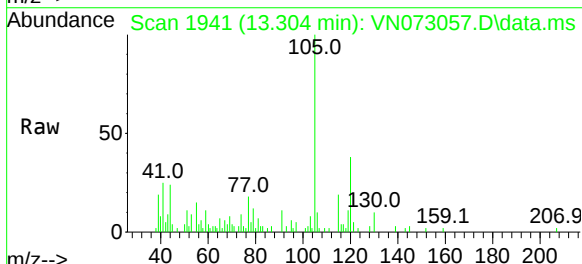
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-4

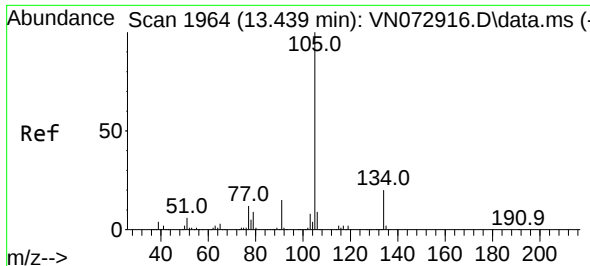
Tgt Ion:	119	Resp:	22637
Ion	Ratio	Lower	Upper
119	100		
91	71.9	31.6	94.8
134	24.5	13.7	41.1



#84
1,2,4-Trimethylbenzene
Concen: 1.147 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VN073057.D
Acq: 23 Jun 2022 18:42

Tgt Ion:	105	Resp:	17032
Ion	Ratio	Lower	Upper
105	100		
120	36.2	23.3	69.8

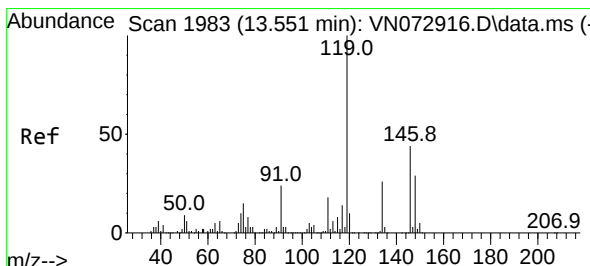
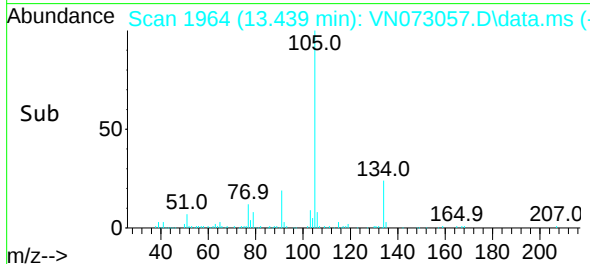
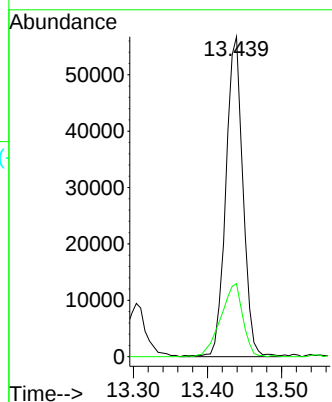
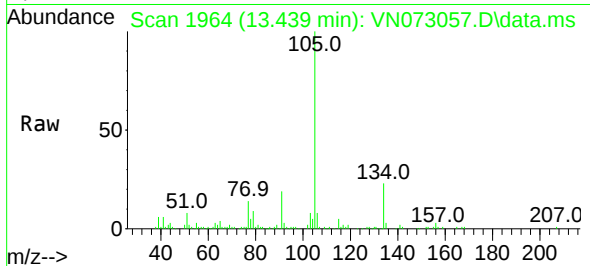




#85
 sec-Butylbenzene
 Concen: 4.979 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VN073057.D
 Acq: 23 Jun 2022 18:42

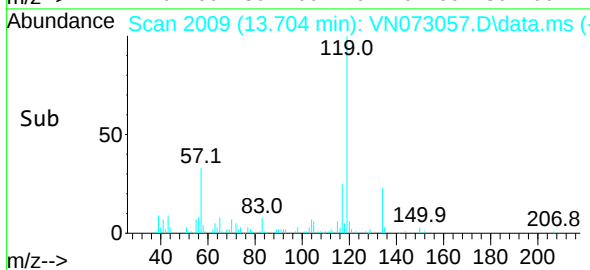
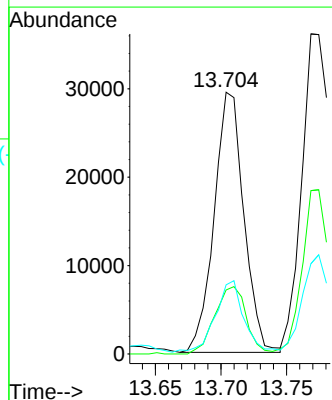
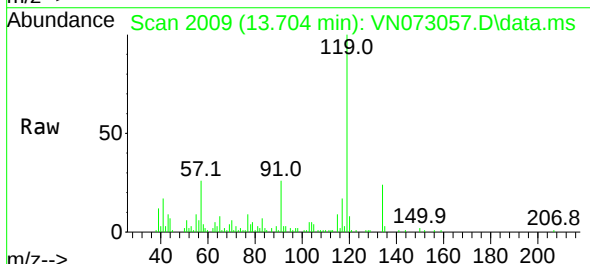
Instrument :
 MSVOA_N
 ClientSampleId :
 WC-14B-2-4

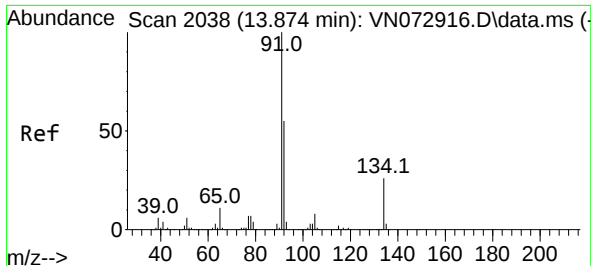
Tgt Ion:105 Resp: 90679
 Ion Ratio Lower Upper
 105 100
 134 29.6 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 3.148 ug/l
 RT: 13.704 min Scan# 2009
 Delta R.T. 0.153 min
 Lab File: VN073057.D
 Acq: 23 Jun 2022 18:42

Tgt Ion:119 Resp: 46426
 Ion Ratio Lower Upper
 119 100
 134 27.5 13.3 39.8
 91 26.1 11.3 33.9

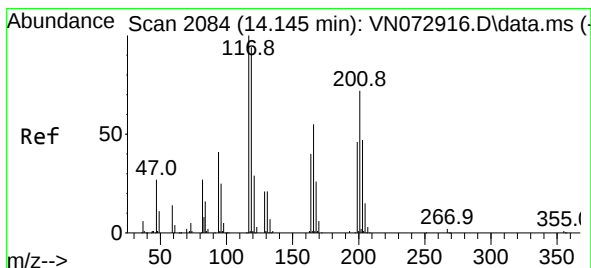
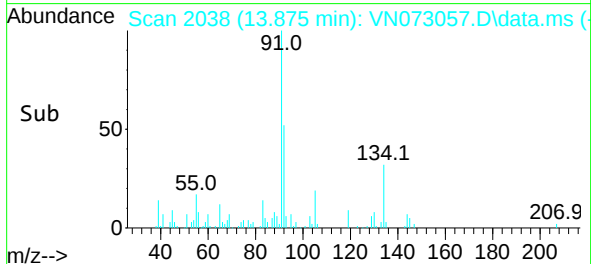
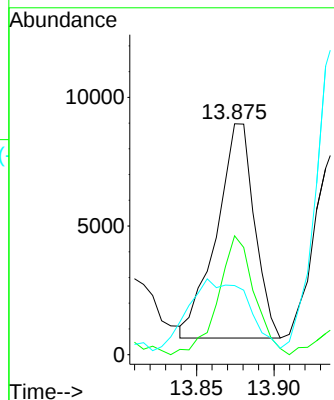
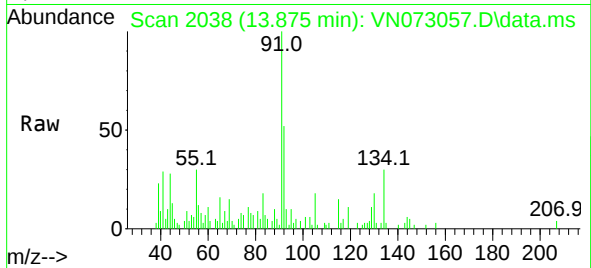




#89
n-Butylbenzene
Concen: 1.180 ug/l
RT: 13.875 min Scan# 2038
Delta R.T. 0.000 min
Lab File: VN073057.D
Acq: 23 Jun 2022 18:42

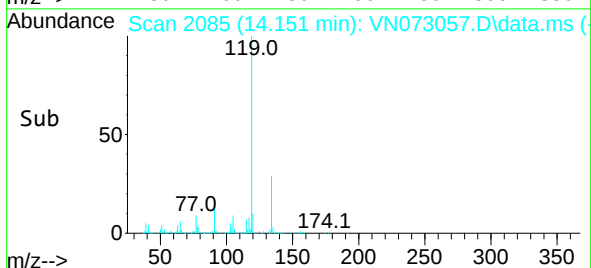
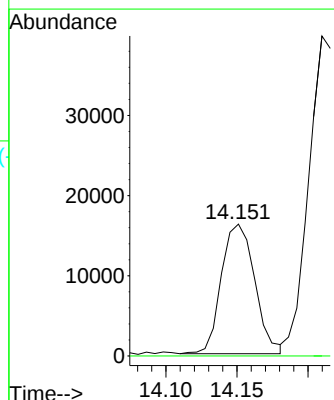
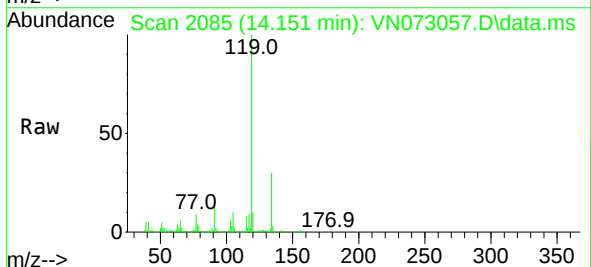
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-4

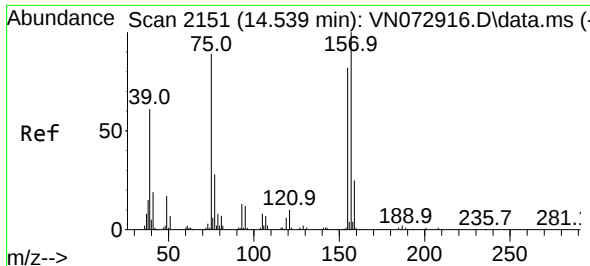
Tgt Ion: 91 Resp: 14212
Ion Ratio Lower Upper
91 100
92 52.3 26.9 80.7
134 54.1 13.6 40.8#



#90
Hexachloroethane
Concen: 9.513 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. 0.006 min
Lab File: VN073057.D
Acq: 23 Jun 2022 18:42

Tgt Ion: 117 Resp: 26445
Ion Ratio Lower Upper
117 100
201 0.0 40.6 122.0#

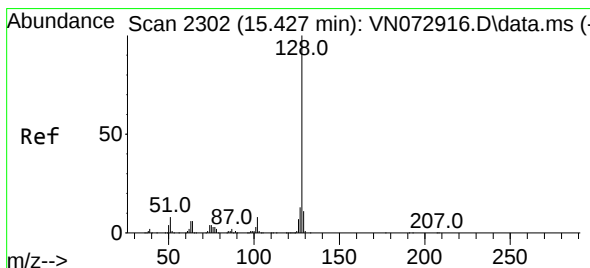
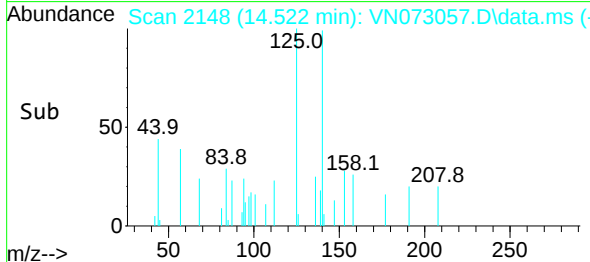
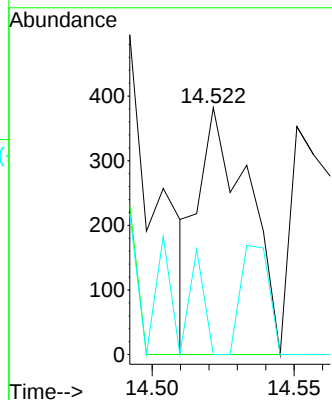
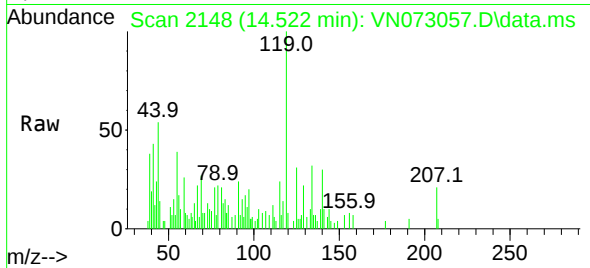




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.203 ug/l
 RT: 14.522 min Scan# 2151
 Delta R.T. -0.017 min
 Lab File: VN073057.D
 Acq: 23 Jun 2022 18:42

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-14B-2-4

Tgt Ion: 75 Resp: 471
 Ion Ratio Lower Upper
 75 100
 155 0.0 44.9 134.5#
 157 25.1 59.0 176.8#



#95
 Naphthalene
 Concen: 0.508 ug/l
 RT: 15.427 min Scan# 2302
 Delta R.T. 0.000 min
 Lab File: VN073057.D
 Acq: 23 Jun 2022 18:42

Tgt Ion: 128 Resp: 9209
 Ion Ratio Lower Upper
 128 100
 127 15.5 10.3 15.5#
 129 0.0 8.6 13.0#

