

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030122\
 Data File : VN071120.D
 Acq On : 01 Mar 2022 15:48
 Operator : JC\MD
 Sample : N1689-01 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-38

Quant Time: Mar 02 03:30:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 07:57:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	922405	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1479506	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1386126	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	499489	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	564025	53.529	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	107.060%
35) Dibromofluoromethane	8.016	113	426276	48.440	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.880%
50) Toluene-d8	10.433	98	1821317	51.536	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.080%
62) 4-Bromofluorobenzene	12.727	95	667997	52.880	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	105.760%
Target Compounds						Qvalue
3) Chloromethane	2.299	50	3217	0.267	ug/l	100
5) Bromomethane	2.816	94	1785	0.261	ug/l	96
11) Tert butyl alcohol	5.375	59	122148	63.610	ug/l	99
13) Acrolein	3.975	56	5023	2.927	ug/l #	1
14) Allyl chloride	4.951	41	11933	0.693	ug/l #	7
16) Acetone	4.292	43	7854	1.353	ug/l #	81
18) Methyl Acetate	4.845	43	2549	Below Cal		94
19) Methyl tert-butyl Ether	5.610	73	58577	1.849	ug/l #	20
22) Diisopropyl ether	6.492	45	14805	0.448	ug/l #	82
25) 2-Butanone	7.345	43	4574	0.593	ug/l #	84
29) Tetrahydrofuran	7.704	42	2748	0.550	ug/l #	58
31) Cyclohexane	8.086	56	60805	3.337	ug/l #	71
36) 1,1-Dichloropropene	8.080	75	69619	4.829	ug/l #	49
38) Carbon Tetrachloride	8.080	117	87067	6.129	ug/l #	16
39) Methylcyclohexane	9.451	83	19524	1.052	ug/l	94
40) Benzene	8.451	78	3548137	83.198	ug/l	99
43) Isopropyl Acetate	8.557	43	5762	0.236	ug/l #	55
51) 4-Methyl-2-Pentanone	10.333	43	3887	0.262	ug/l #	86
52) Toluene	10.498	92	214093	7.989	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.045	63	55	31.815	ug/l #	45
59) 2-Hexanone	10.933	43	4490	0.440	ug/l	69
67) Ethyl Benzene	11.839	91	2085865	39.900	ug/l	97
68) m/p-Xylenes	11.951	106	1076750	53.323	ug/l	99
69) o-Xylene	12.274	106	719979	36.499	ug/l	98
70) Styrene	12.274	104	40019	1.276	ug/l #	1
73) Isopropylbenzene	12.574	105	108191	2.691	ug/l	100
74) N-amyl acetate	12.392	43	3732	0.290	ug/l #	85
76) 1,2,3-Trichloropropane	12.727	75	342012	29.081	ug/l #	1
78) n-propylbenzene	12.915	91	275952	6.109	ug/l	98
79) 2-Chlorotoluene	13.010	91	32399	1.181	ug/l #	39
80) 1,3,5-Trimethylbenzene	13.057	105	267765	8.221	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.727	75	342012	94.237	ug/l #	5
82) 4-Chlorotoluene	13.057	91	31106	1.168	ug/l #	38
83) tert-Butylbenzene	13.362	119	137149	4.440	ug/l #	63
84) 1,2,4-Trimethylbenzene	13.362	105	1140366	35.566	ug/l	100
85) sec-Butylbenzene	13.362	105	1140366	28.017	ug/l #	56

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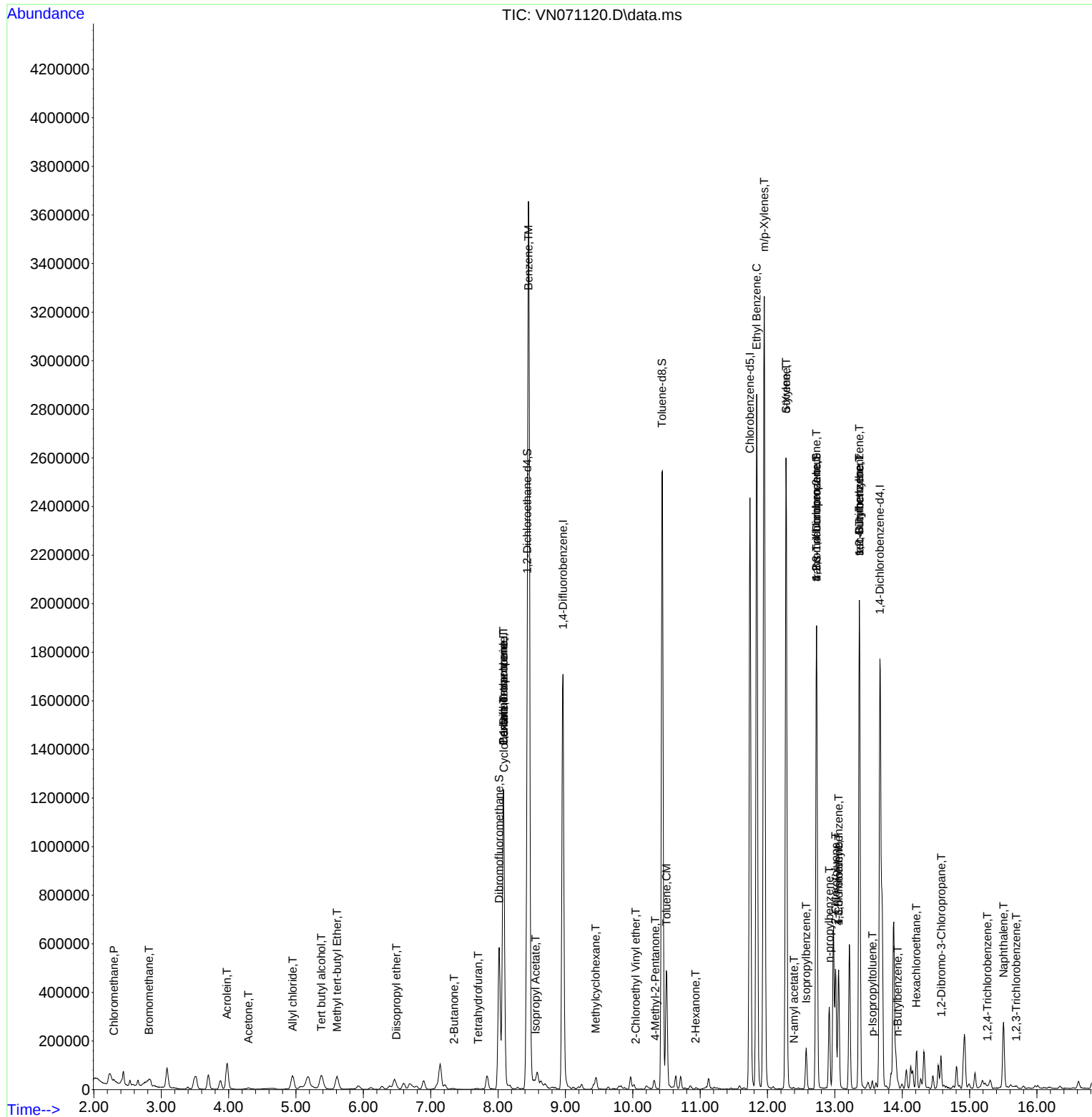
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	13.557	119	17536	0.525	ug/l	97
89) n-Butylbenzene	13.933	91	12465	0.457	ug/l #	72
90) Hexachloroethane	14.209	117	8291	1.389	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	14.580	75	643	0.311	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.262	180	2883	2.300	ug/l #	51
95) Naphthalene	15.504	128	255313	15.282	ug/l	100
96) 1,2,3-Trichlorobenzene	15.692	180	3688	2.929	ug/l #	86

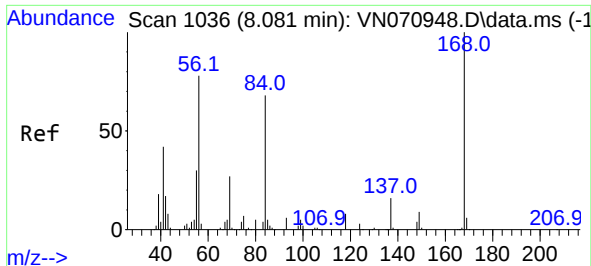
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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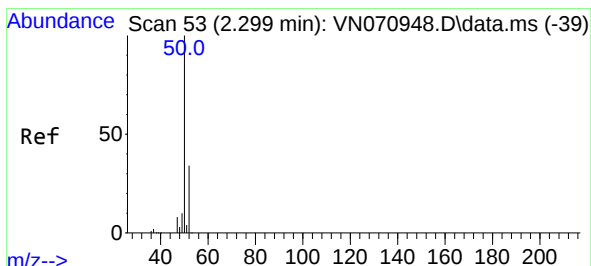
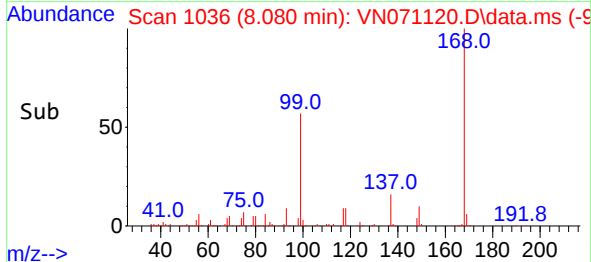
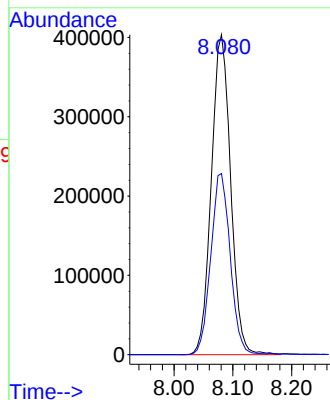
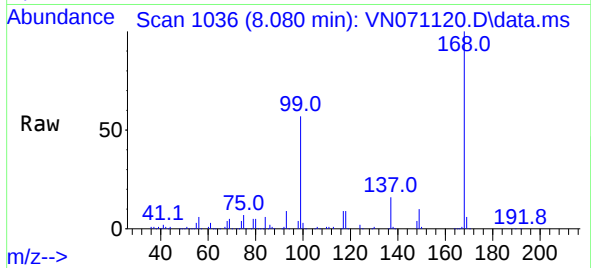




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 10
Delta R.T. -0.001 min
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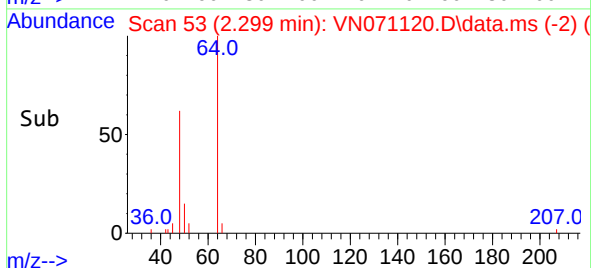
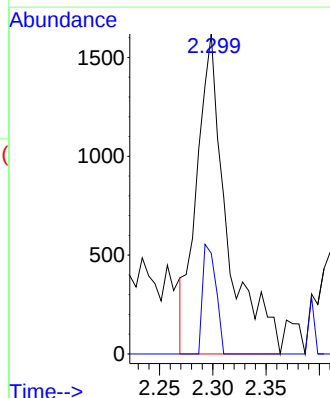
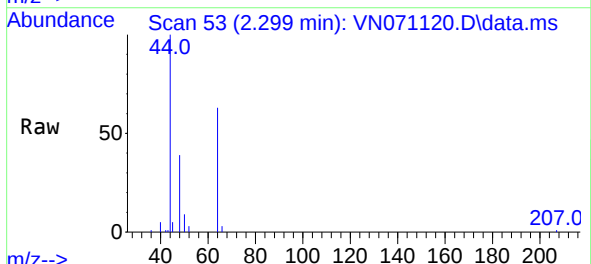
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MSVOA_N
ClientSampleId :
MW-38

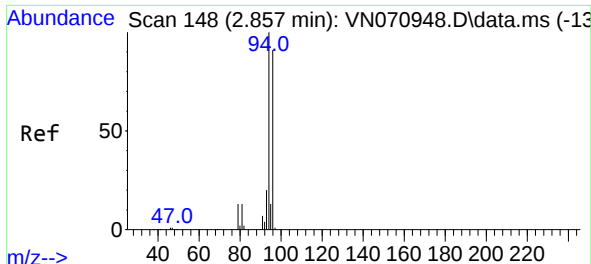
Tgt Ion:168 Resp: 922405
Ion Ratio Lower Upper
168 100
99 56.6 41.3 61.9



#3
Chloromethane
Concen: 0.267 ug/l
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN071120.D
Acq: 01 Mar 2022 15:48

Tgt Ion: 50 Resp: 3217
Ion Ratio Lower Upper
50 100
52 31.5 25.4 38.0

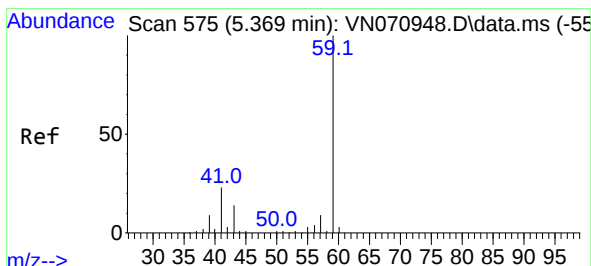
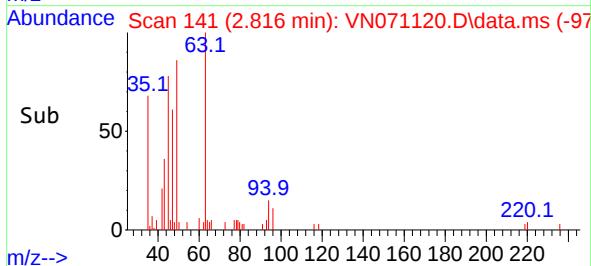
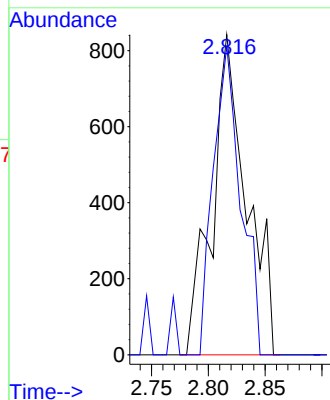
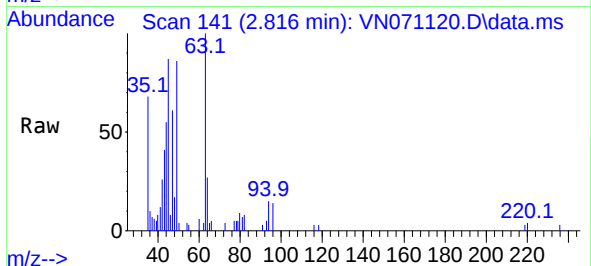




#5
Bromomethane
Concen: 0.261 ug/l
RT: 2.816 min Scan# 148
Delta R.T. -0.041 min
Lab File: VN071120.D
Acq: 01 Mar 2022 15:48

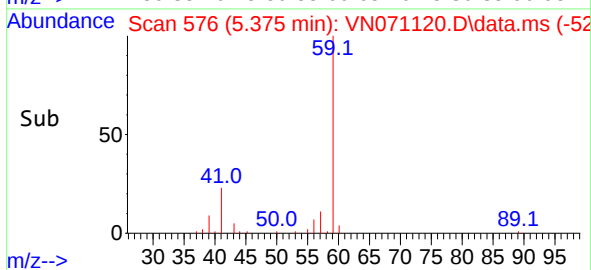
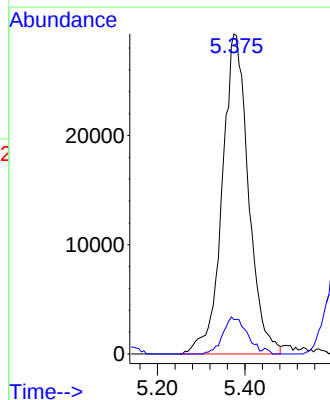
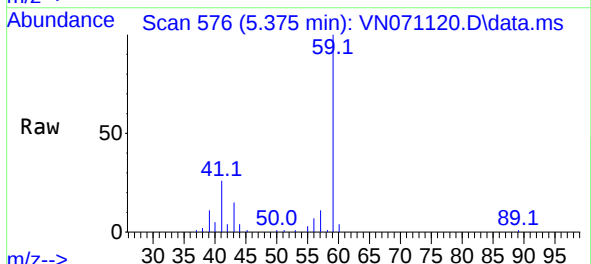
Instrument :
MSVOA_N
ClientSampleId :
MW-38

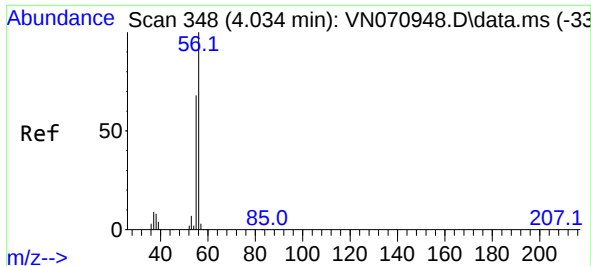
Tgt Ion: 94 Resp: 1785
Ion Ratio Lower Upper
94 100
96 96.6 73.8 110.8



#11
Tert butyl alcohol
Concen: 63.610 ug/l
RT: 5.375 min Scan# 576
Delta R.T. 0.006 min
Lab File: VN071120.D
Acq: 01 Mar 2022 15:48

Tgt Ion: 59 Resp: 122148
Ion Ratio Lower Upper
59 100
57 10.4 8.7 13.1

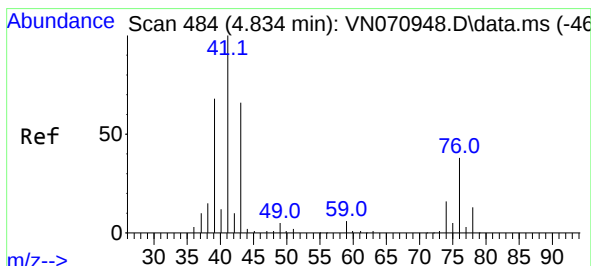
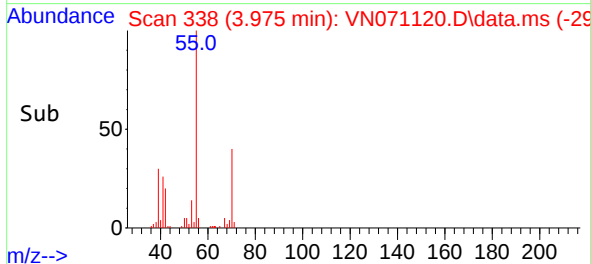
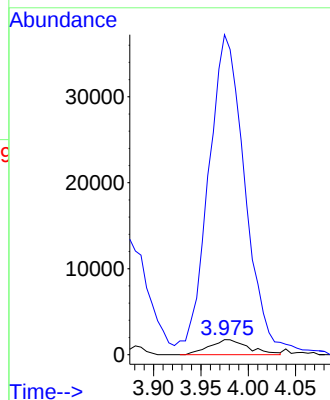
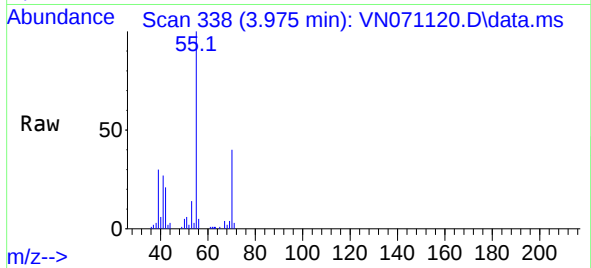




#13
Acrolein
Concen: 2.927 ug/l
RT: 3.975 min Scan# 31
Delta R.T. -0.059 min
Lab File: VN071120.D
Acq: 01 Mar 2022 15:48

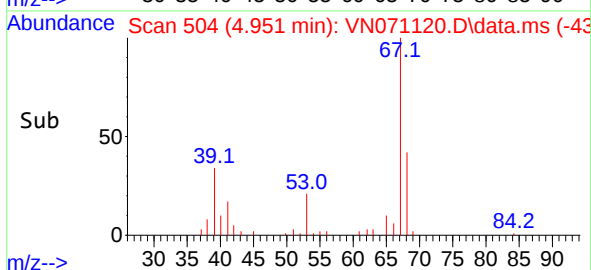
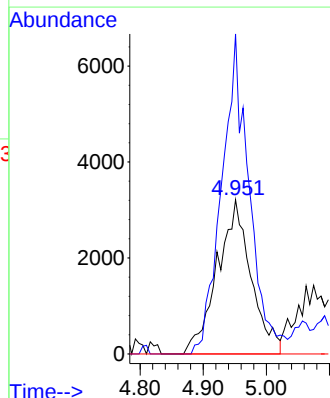
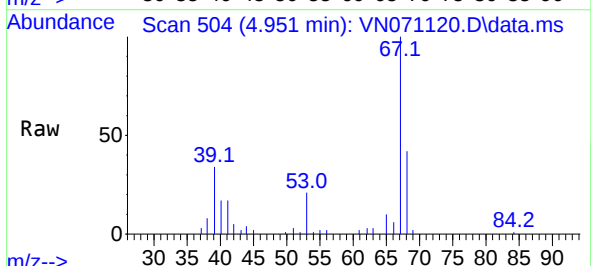
Instrument :
MSVOA_N
ClientSampleId :
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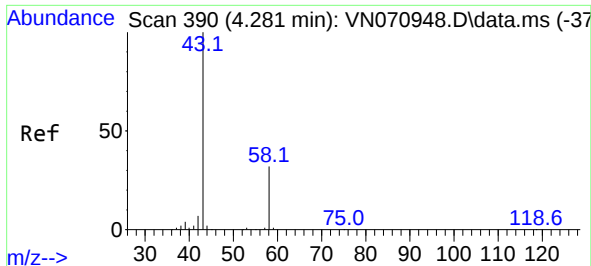
Tgt Ion: 56 Resp: 5023
Ion Ratio Lower Upper
56 100
55 2020.8 56.6 85.0#



#14
Allyl chloride
Concen: 0.693 ug/l
RT: 4.951 min Scan# 504
Delta R.T. 0.118 min
Lab File: VN071120.D
Acq: 01 Mar 2022 15:48

Tgt Ion: 41 Resp: 11933
Ion Ratio Lower Upper
41 100
39 169.4 61.2 91.8#
76 0.0 26.0 39.0#

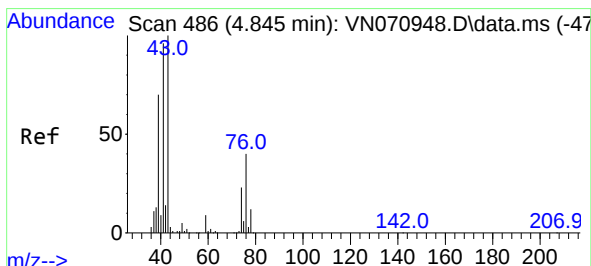
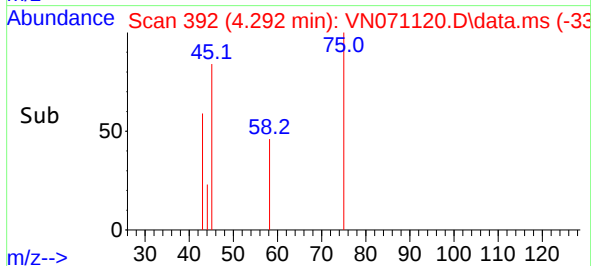
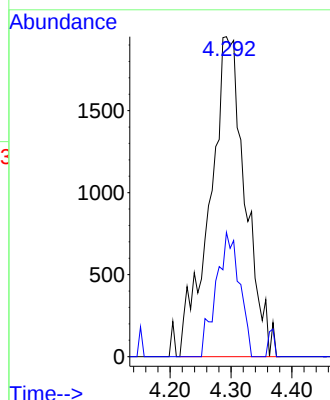
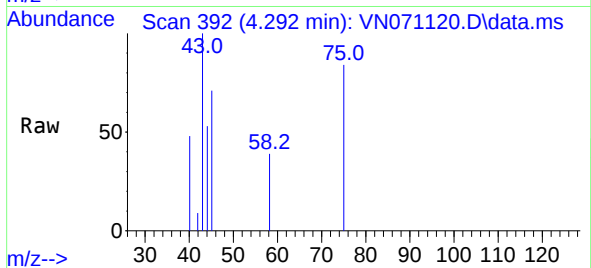




#16
Acetone
Concen: 1.353 ug/l
RT: 4.292 min Scan# 390
Delta R.T. 0.012 min
Lab File: VN071120.D
Acq: 01 Mar 2022 15:48

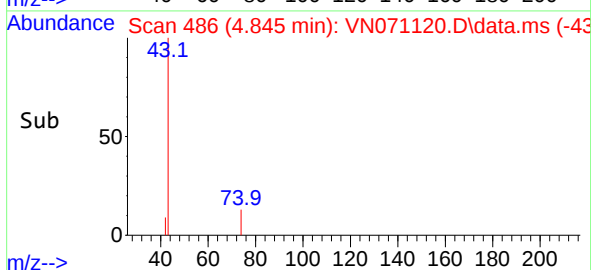
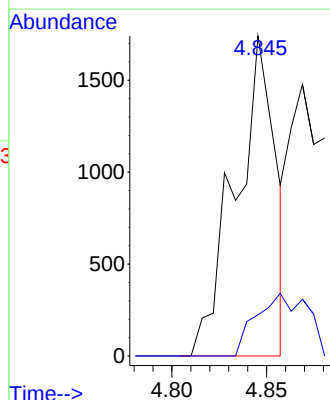
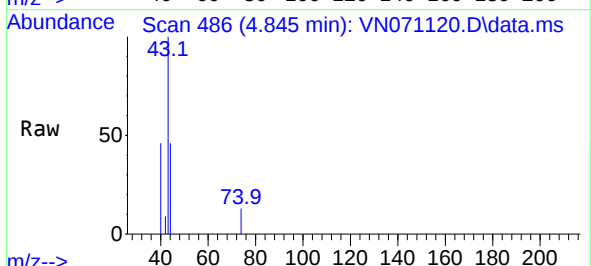
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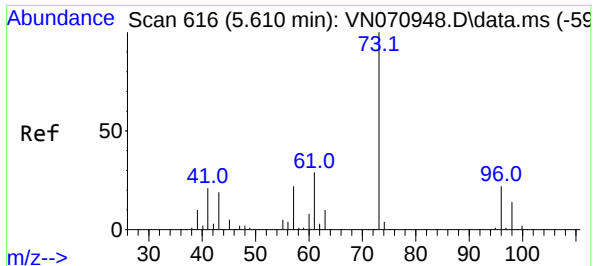
Tgt Ion: 43 Resp: 7854
Ion Ratio Lower Upper
43 100
58 38.9 23.1 34.7#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.845 min Scan# 486
Delta R.T. 0.000 min
Lab File: VN071120.D
Acq: 01 Mar 2022 15:48

Tgt Ion: 43 Resp: 2549
Ion Ratio Lower Upper
43 100
74 27.2 19.4 29.2

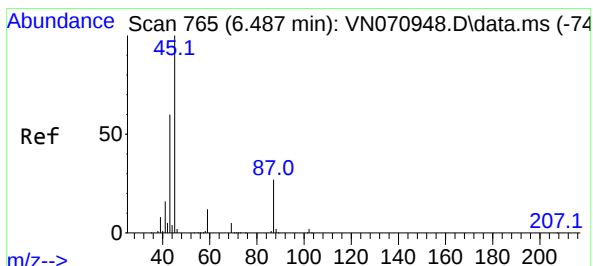
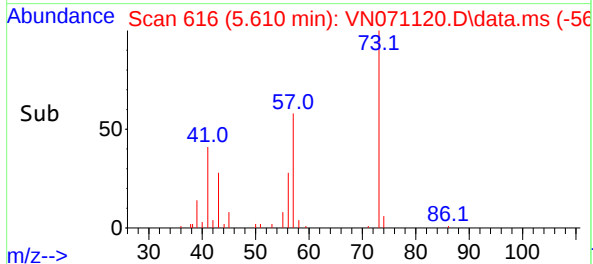
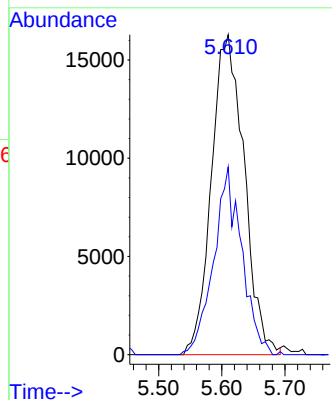
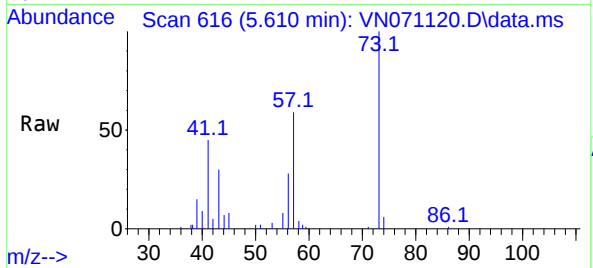




#19
Methyl tert-butyl Ether
Concen: 1.849 ug/l
RT: 5.610 min Scan# 616
Delta R.T. -0.000 min
Lab File: VN071120.D
Acq: 01 Mar 2022 15:48

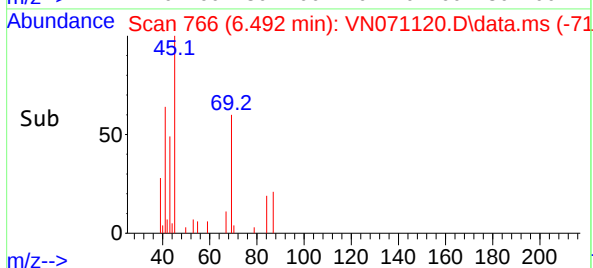
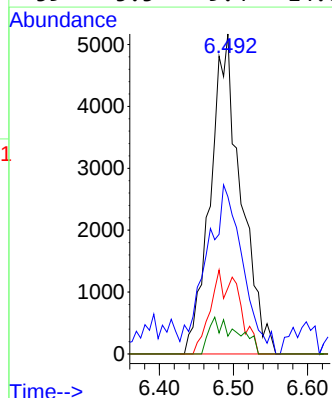
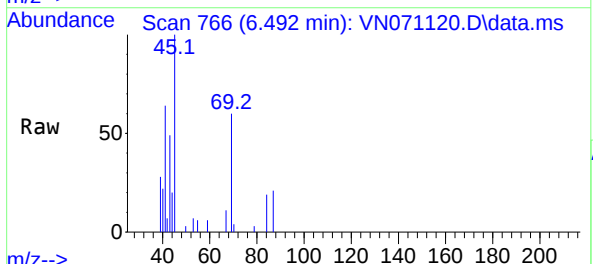
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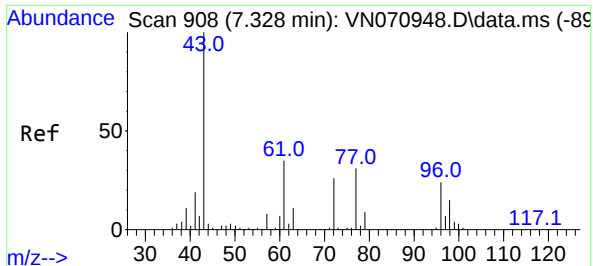
Tgt Ion: 73 Resp: 58577
Ion Ratio Lower Upper
73 100
57 58.6 16.8 25.2#



#22
Diisopropyl ether
Concen: 0.448 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.006 min
Lab File: VN071120.D
Acq: 01 Mar 2022 15:48

Tgt Ion: 45 Resp: 14805
Ion Ratio Lower Upper
45 100
43 49.1 51.7 77.5#
87 20.6 23.2 34.8#
59 5.5 9.4 14.0#





#25

2-Butanone

Concen: 0.593 ug/l

RT: 7.345 min Scan# 911

Delta R.T. 0.018 min

Lab File: VN071120.D

Acq: 01 Mar 2022 15:48

Instrument :

MSVOA_N

ClientSampleId :

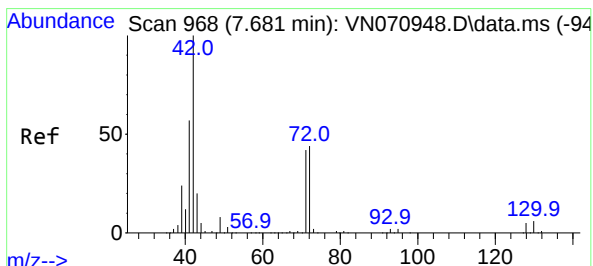
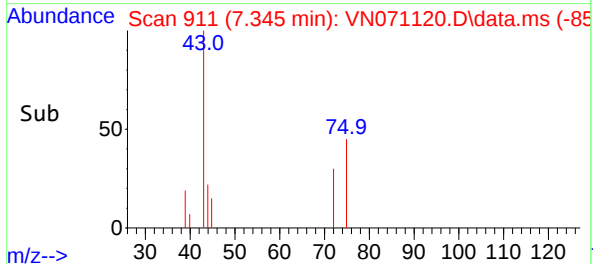
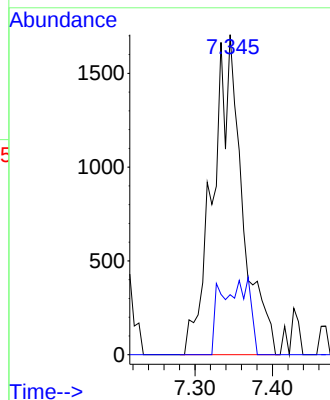
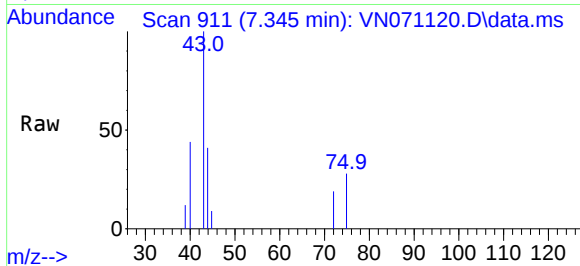
MW-38

Tgt Ion: 43 Resp: 4574

Ion Ratio Lower Upper

43 100

72 18.8 21.7 32.5#



#29

Tetrahydrofuran

Concen: 0.550 ug/l

RT: 7.704 min Scan# 972

Delta R.T. 0.023 min

Lab File: VN071120.D

Acq: 01 Mar 2022 15:48

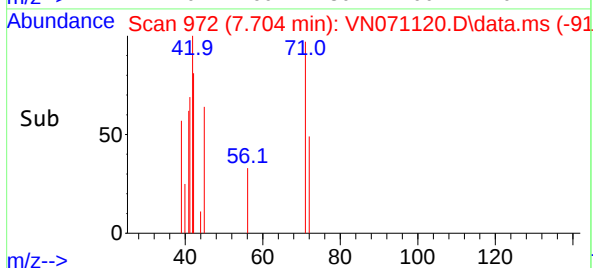
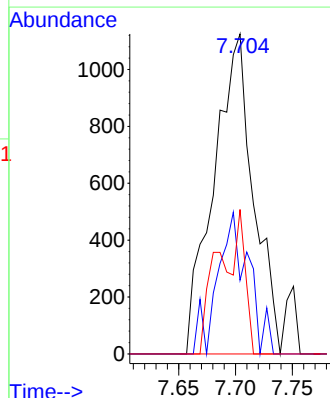
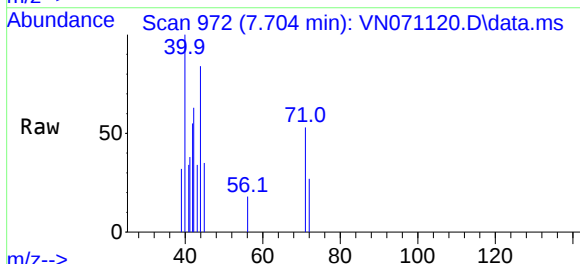
Tgt Ion: 42 Resp: 2748

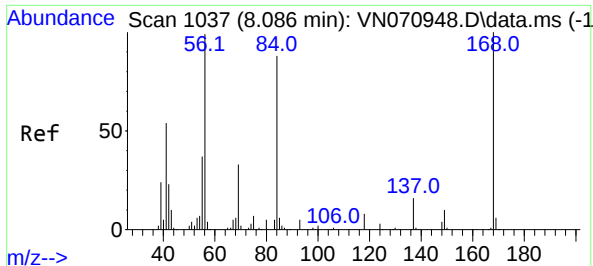
Ion Ratio Lower Upper

42 100

72 34.5 36.3 54.5#

71 0.0 34.7 52.1#

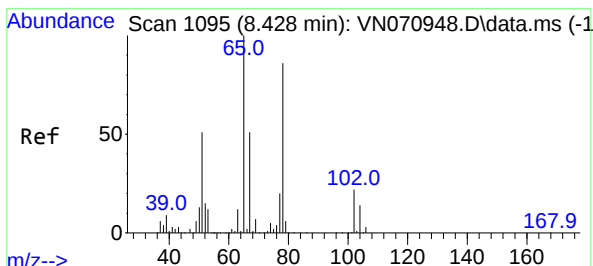
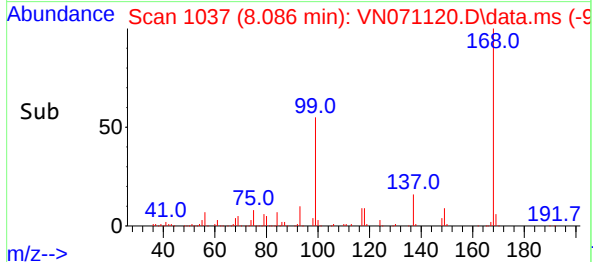
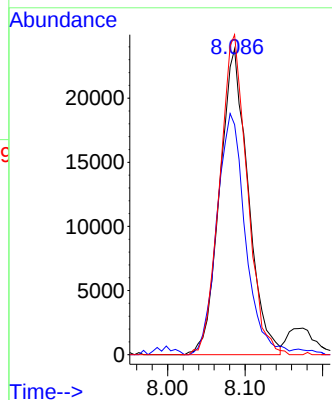
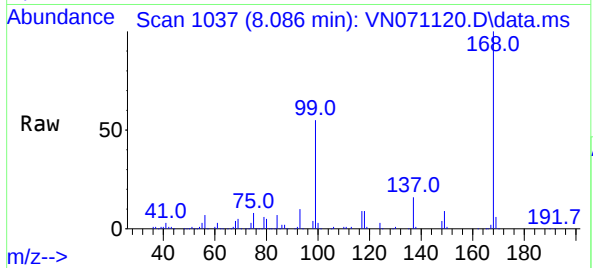




#31
Cyclohexane
Concen: 3.337 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VN071120.D
Acq: 01 Mar 2022 15:48

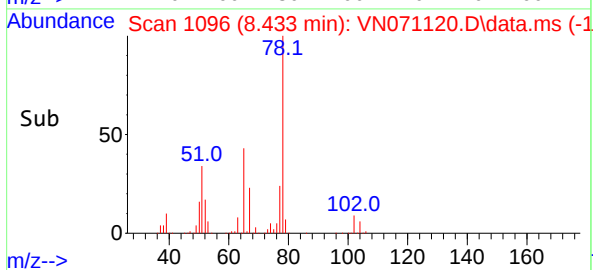
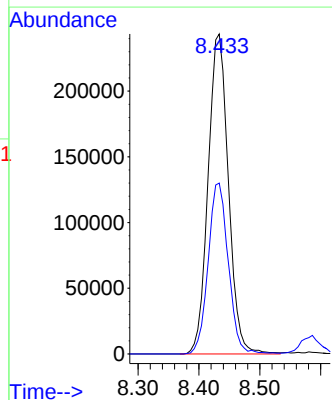
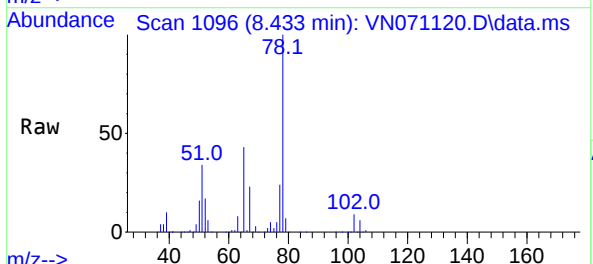
Instrument :
MSVOA_N
ClientSampleId :
MW-38

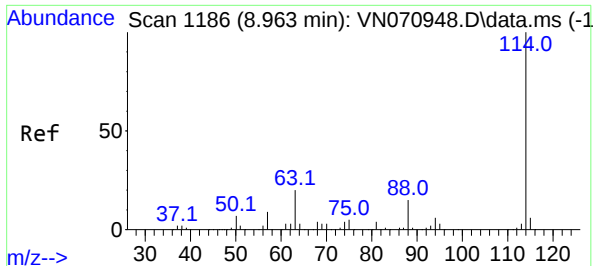
Tgt Ion: 56 Resp: 60805
Ion Ratio Lower Upper
56 100
69 74.2 27.1 40.7#
84 104.6 73.4 110.0



#33
1,2-Dichloroethane-d4
Concen: 53.529 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. 0.006 min
Lab File: VN071120.D
Acq: 01 Mar 2022 15:48

Tgt Ion: 65 Resp: 564025
Ion Ratio Lower Upper
65 100
67 53.0 0.0 103.0

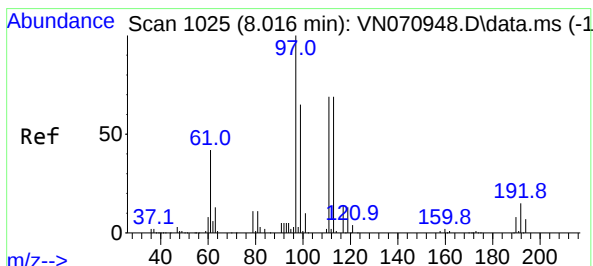
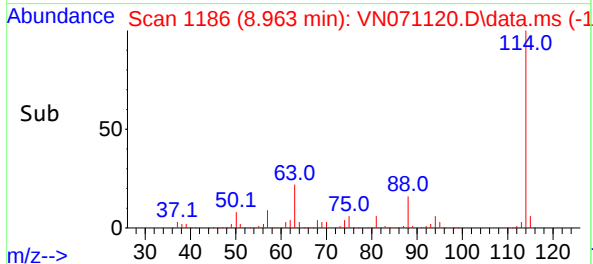
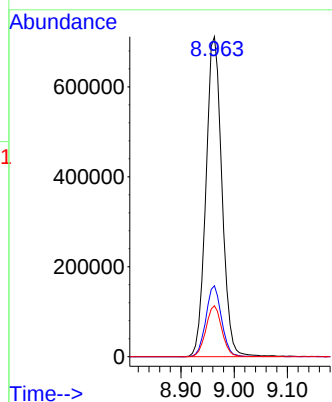
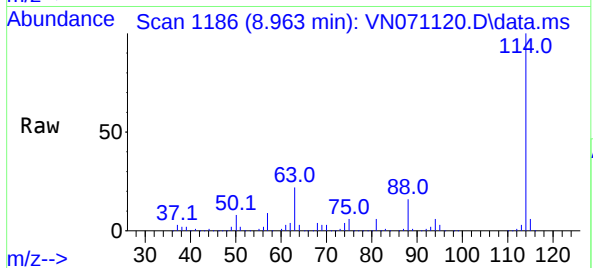




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071120.D
Acq: 01 Mar 2022 15:48

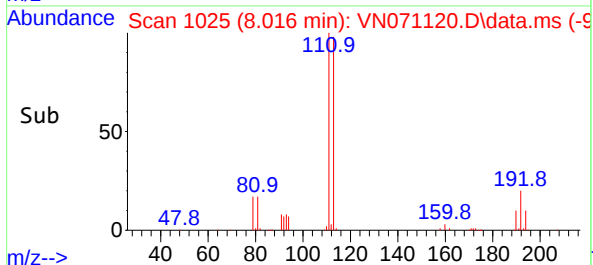
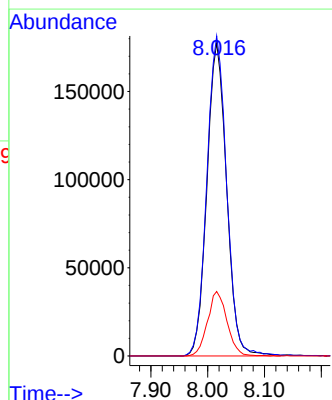
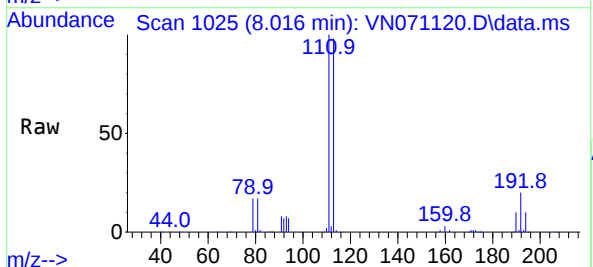
Instrument :
MSVOA_N
ClientSampleId :
MW-38

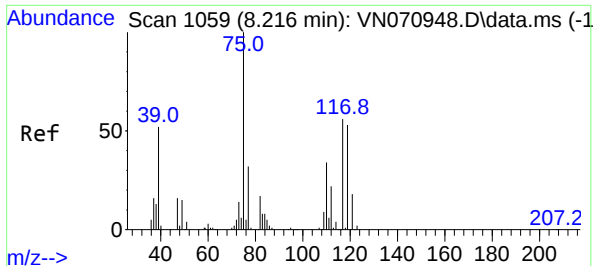
Tgt Ion:114 Resp: 1479506
Ion Ratio Lower Upper
114 100
63 22.2 0.0 37.8
88 15.9 0.0 27.4



#35
Dibromofluoromethane
Concen: 48.440 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN071120.D
Acq: 01 Mar 2022 15:48

Tgt Ion:113 Resp: 426276
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.2
192 20.4 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.829 ug/l

RT: 8.080 min Scan# 1036

Delta R.T. -0.135 min

Lab File: VN071120.D

Acq: 01 Mar 2022 15:48

Instrument :

MSVOA_N

ClientSampleId :

MW-38

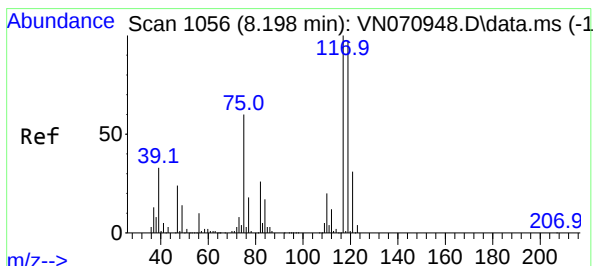
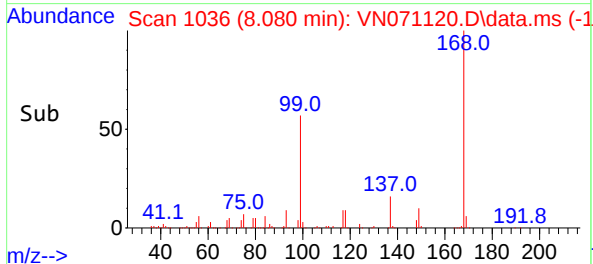
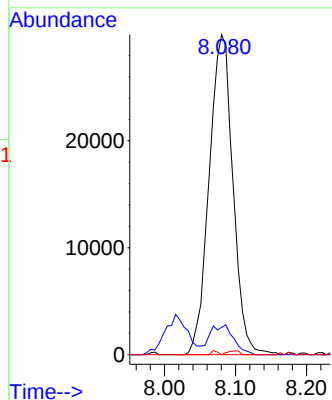
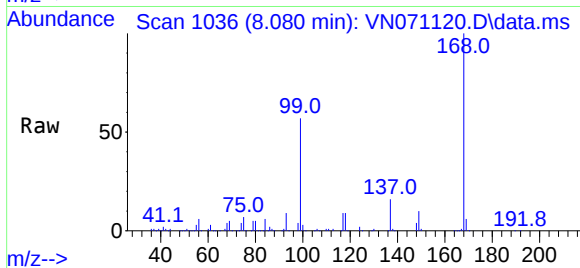
Tgt Ion: 75 Resp: 69619

Ion Ratio Lower Upper

75 100

110 9.3 18.4 55.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 6.129 ug/l

RT: 8.080 min Scan# 1036

Delta R.T. -0.118 min

Lab File: VN071120.D

Acq: 01 Mar 2022 15:48

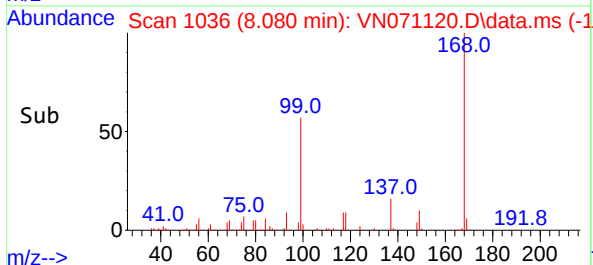
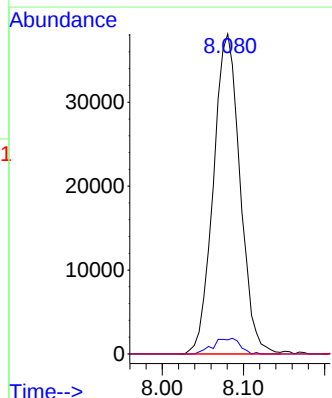
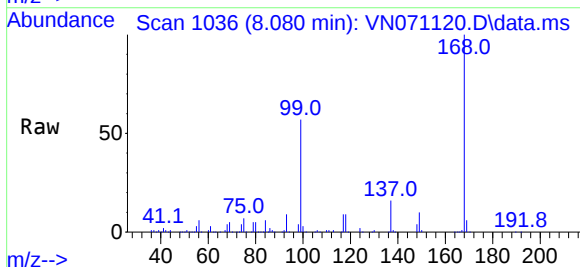
Tgt Ion: 117 Resp: 87067

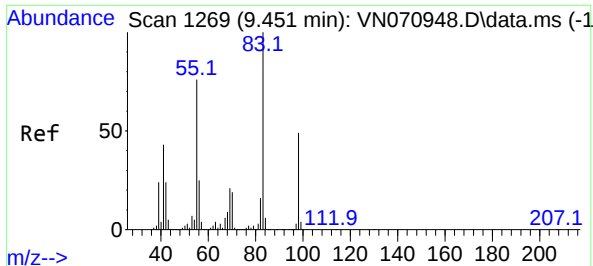
Ion Ratio Lower Upper

117 100

119 4.4 76.1 114.1#

121 0.0 24.2 36.2#





#39

Methylcyclohexane

Concen: 1.052 ug/l

RT: 9.451 min Scan# 1099

Delta R.T. -0.000 min

Lab File: VN071120.D

Acq: 01 Mar 2022 15:48

Instrument :

MSVOA_N

ClientSampleId :

MW-38

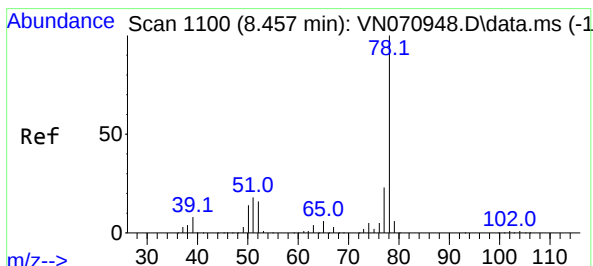
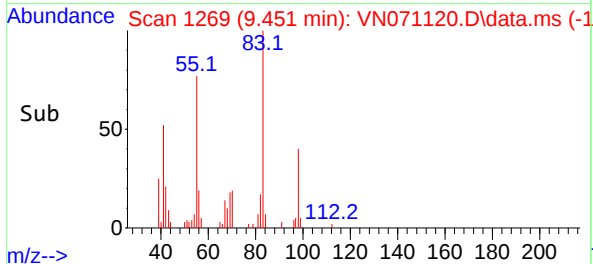
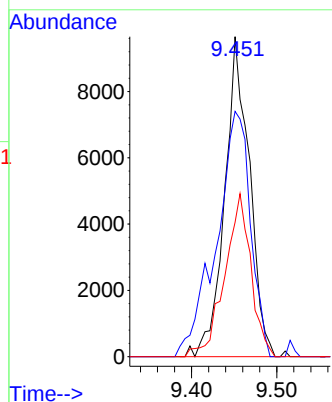
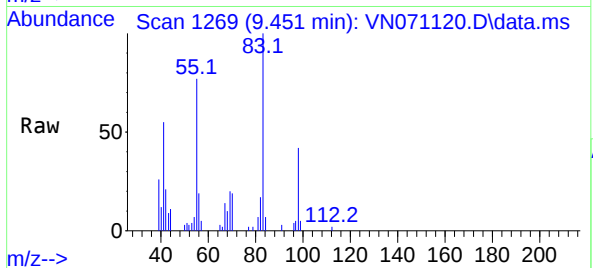
Tgt Ion: 83 Resp: 19524

Ion Ratio Lower Upper

83 100

55 76.6 58.1 87.1

98 42.0 38.4 57.6



#40

Benzene

Concen: 83.198 ug/l

RT: 8.451 min Scan# 1099

Delta R.T. -0.006 min

Lab File: VN071120.D

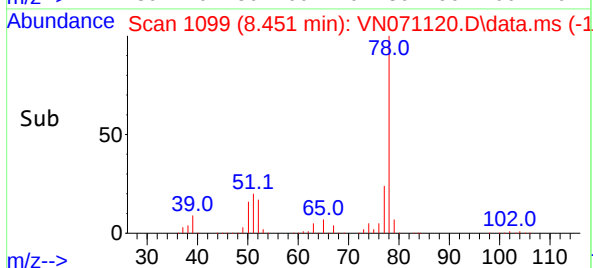
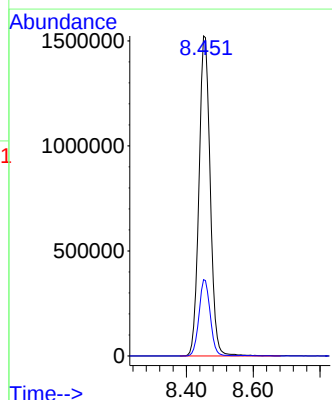
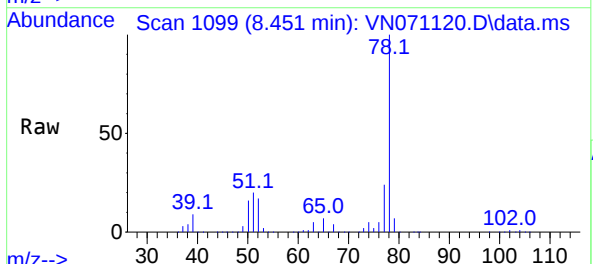
Acq: 01 Mar 2022 15:48

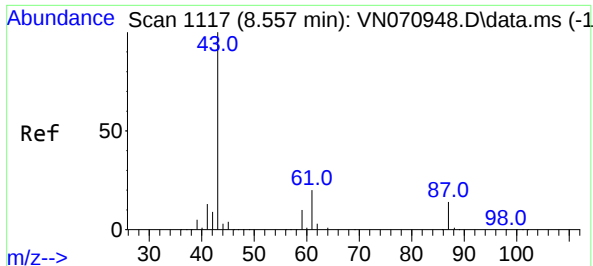
Tgt Ion: 78 Resp: 3548137

Ion Ratio Lower Upper

78 100

77 23.8 18.6 27.8

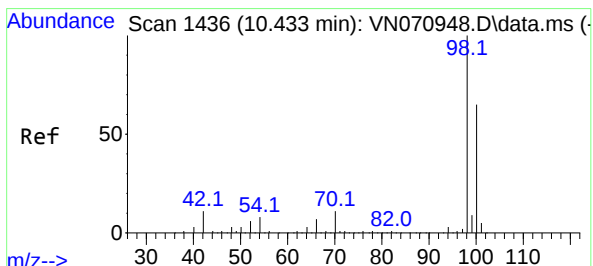
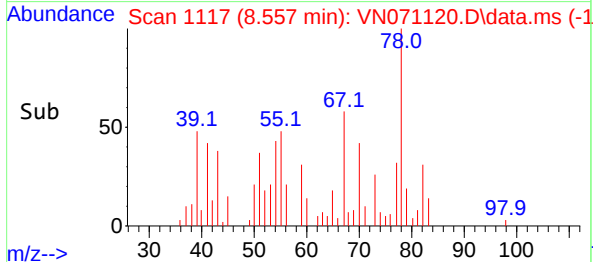
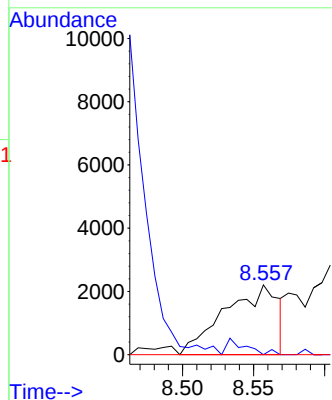
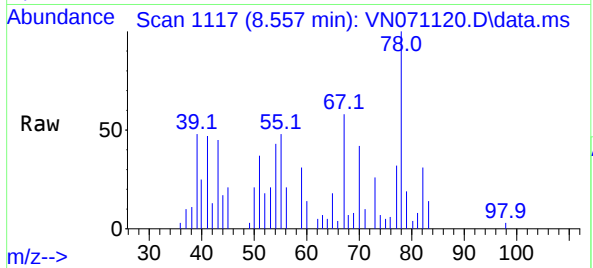




#43
Isopropyl Acetate
Concen: 0.236 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN071120.D
Acq: 01 Mar 2022 15:48

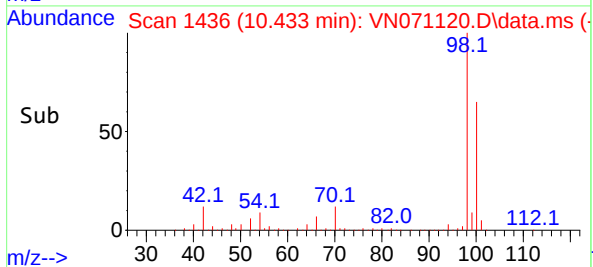
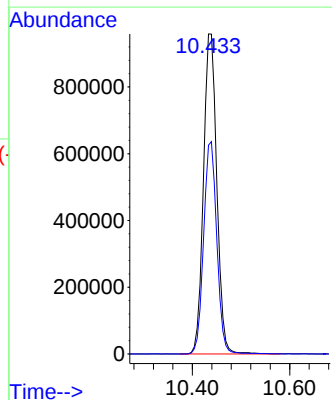
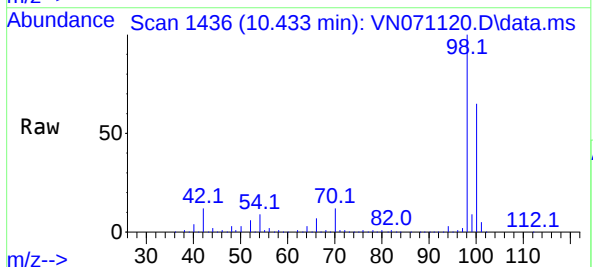
Instrument :
MSVOA_N
ClientSampleId :
MW-38

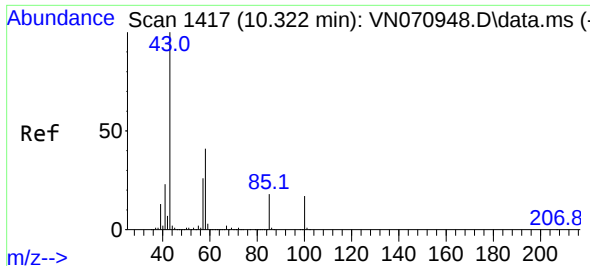
Tgt Ion: 43 Resp: 5762
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 11.2 16.8#



#50
Toluene-d8
Concen: 51.536 ug/l
RT: 10.433 min Scan# 1436
Delta R.T. -0.000 min
Lab File: VN071120.D
Acq: 01 Mar 2022 15:48

Tgt Ion: 98 Resp: 1821317
Ion Ratio Lower Upper
98 100
100 65.5 50.4 75.6





#51

4-Methyl-2-Pentanone

Concen: 0.262 ug/l

RT: 10.333 min Scan# 1419

Delta R.T. 0.012 min

Lab File: VN071120.D

Acq: 01 Mar 2022 15:48

Instrument :

MSVOA_N

ClientSampleId :

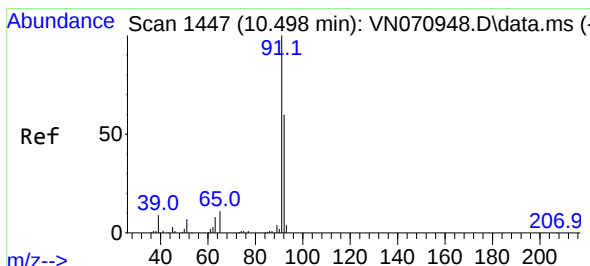
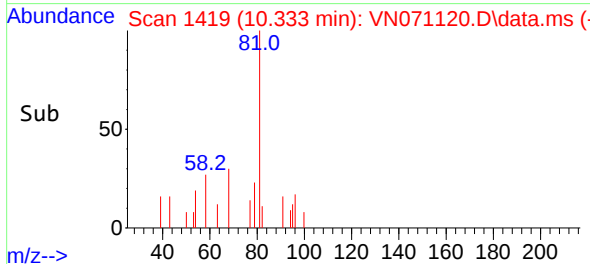
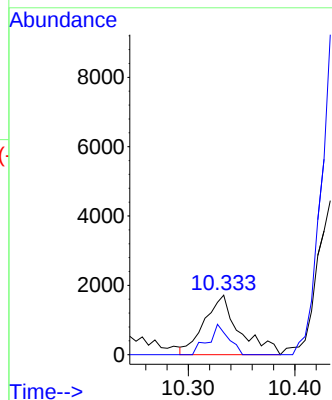
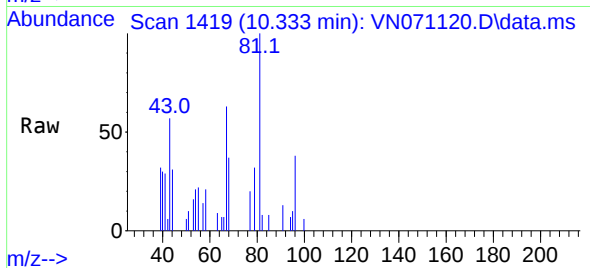
MW-38

Tgt Ion: 43 Resp: 3887

Ion Ratio Lower Upper

43 100

58 29.6 30.4 45.6#



#52

Toluene

Concen: 7.989 ug/l

RT: 10.498 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VN071120.D

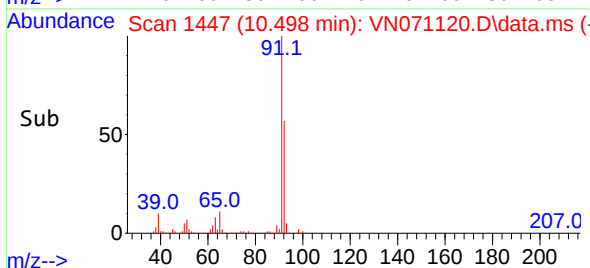
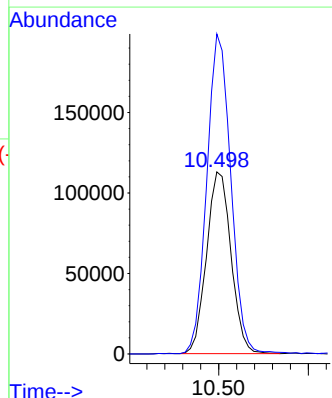
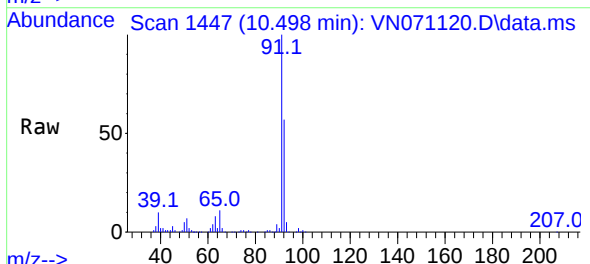
Acq: 01 Mar 2022 15:48

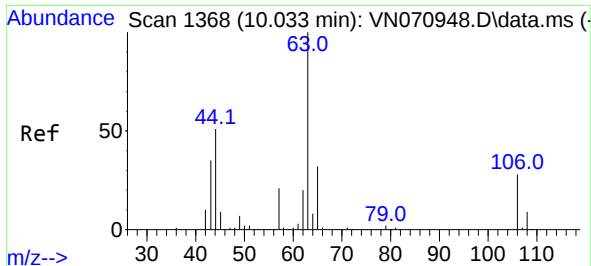
Tgt Ion: 92 Resp: 214093

Ion Ratio Lower Upper

92 100

91 172.3 142.0 213.0

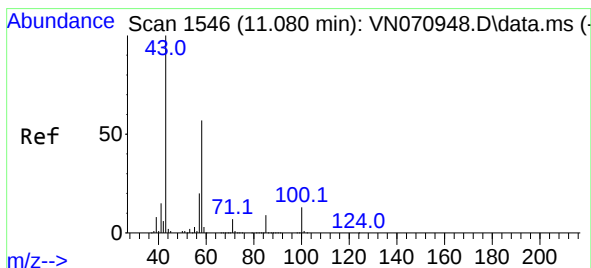
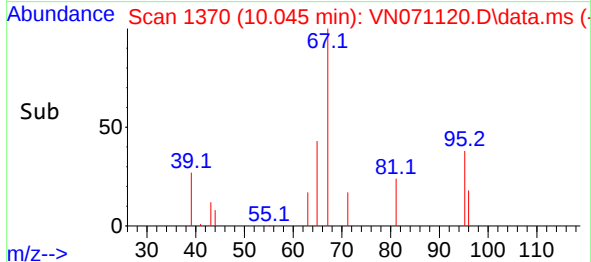
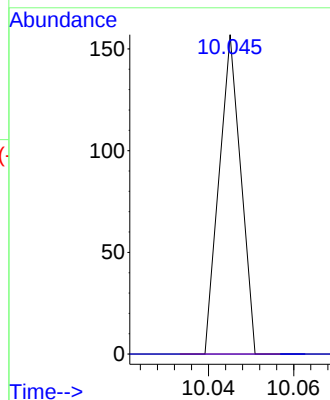
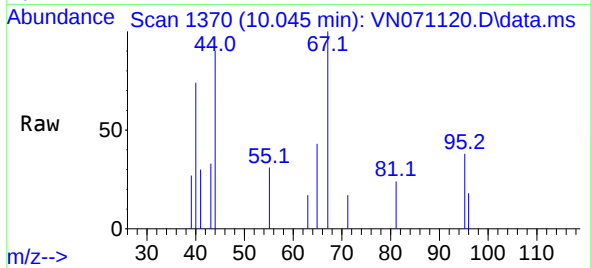




#58
2-Chloroethyl Vinyl ether
Concen: 31.815 ug/l
RT: 10.045 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN071120.D
Acq: 01 Mar 2022 15:48

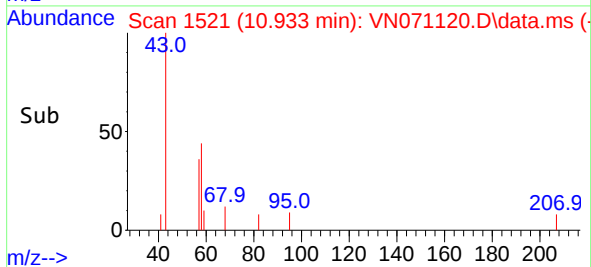
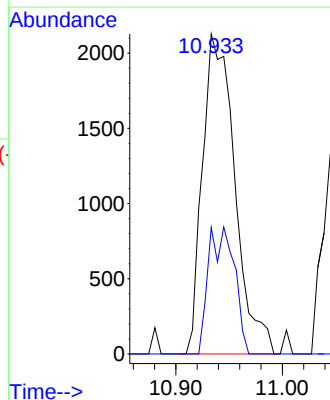
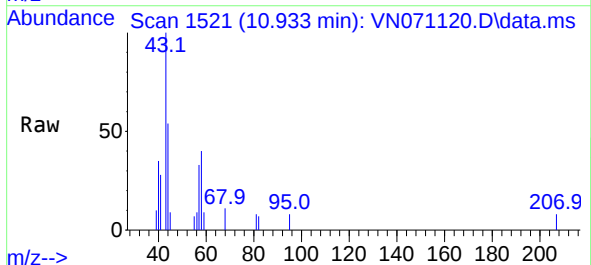
Instrument :
MSVOA_N
ClientSampleId :
MW-38

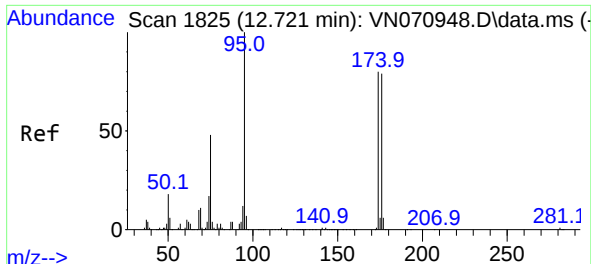
Tgt Ion: 63 Resp: 55
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#



#59
2-Hexanone
Concen: 0.440 ug/l
RT: 10.933 min Scan# 1521
Delta R.T. -0.147 min
Lab File: VN071120.D
Acq: 01 Mar 2022 15:48

Tgt Ion: 43 Resp: 4490
Ion Ratio Lower Upper
43 100
58 31.6 26.9 80.7



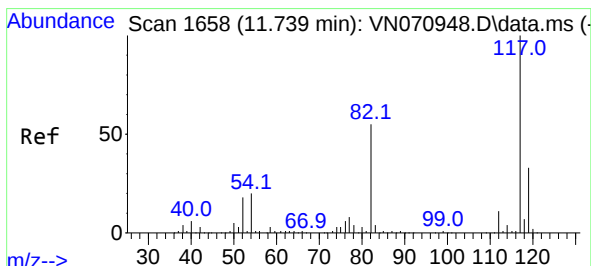
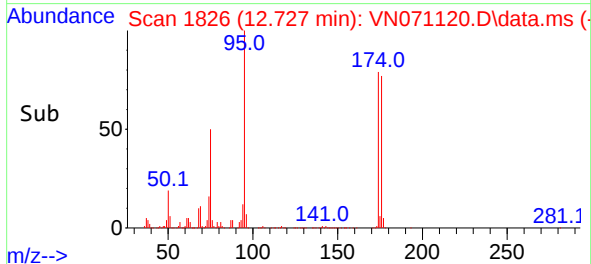
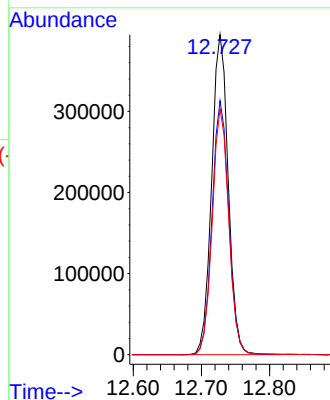
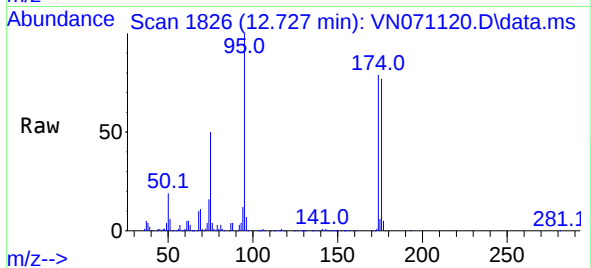


#62
4-Bromofluorobenzene
Concen: 52.880 ug/l
RT: 12.727 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN071120.D
Acq: 01 Mar 2022 15:48

Instrument :
MSVOA_N
ClientSampleId :
MW-38

Tgt Ion: 95 Resp: 667997

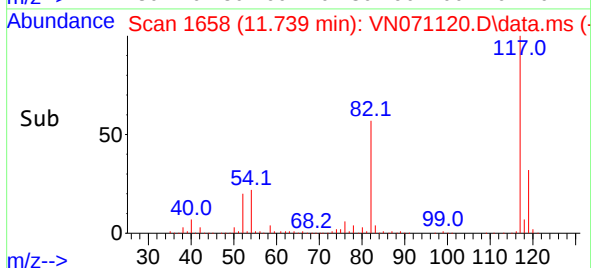
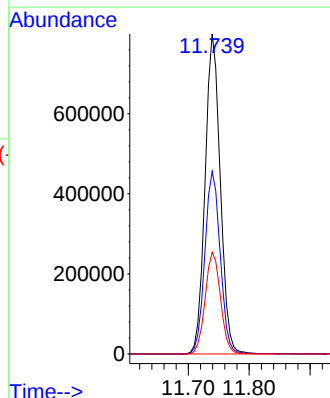
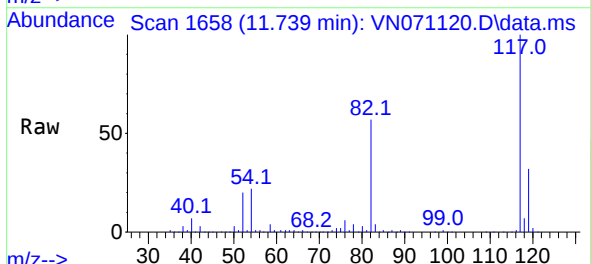
Ion	Ratio	Lower	Upper
95	100		
174	79.7	0.0	187.2
176	76.5	0.0	181.4

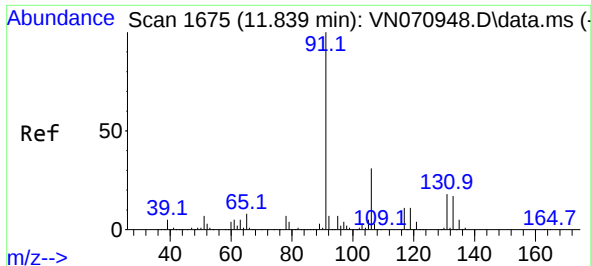


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VN071120.D
Acq: 01 Mar 2022 15:48

Tgt Ion: 117 Resp: 1386126

Ion	Ratio	Lower	Upper
117	100		
82	57.1	42.4	63.6
119	31.8	25.4	38.2

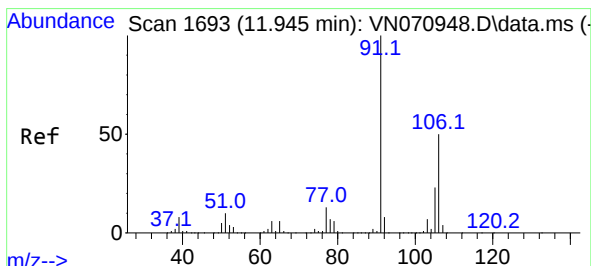
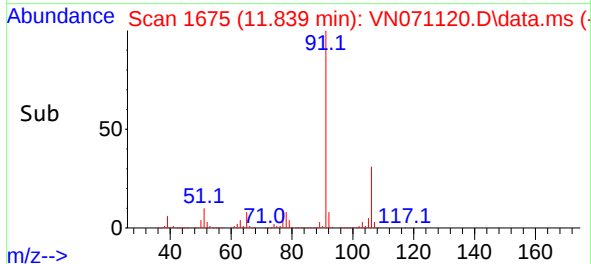
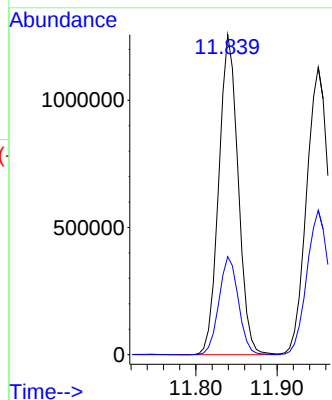
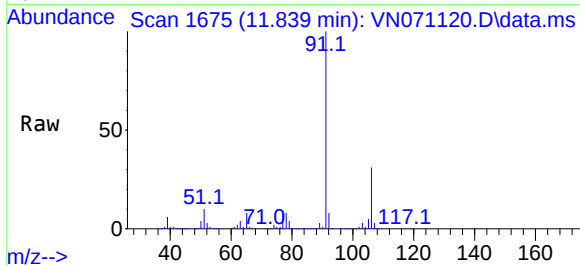




#67
Ethyl Benzene
Concen: 39.900 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN071120.D
Acq: 01 Mar 2022 15:48

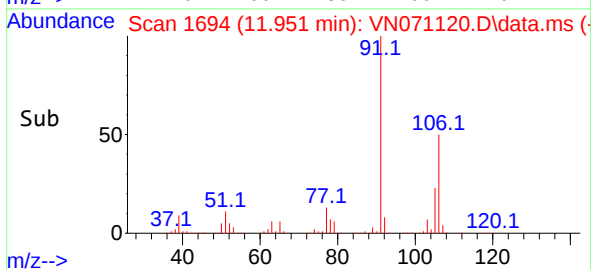
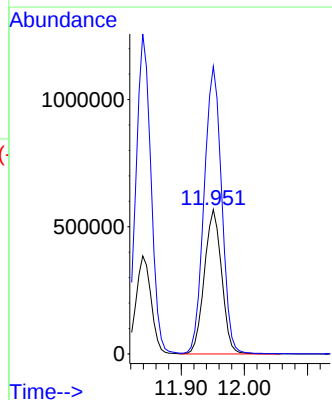
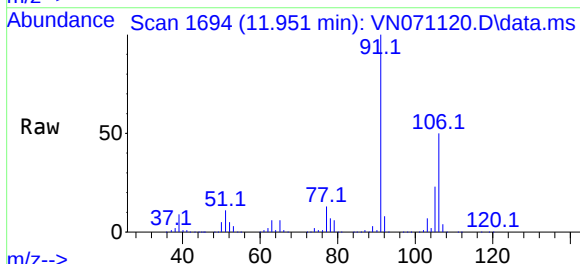
Instrument :
MSVOA_N
ClientSampleId :
MW-38

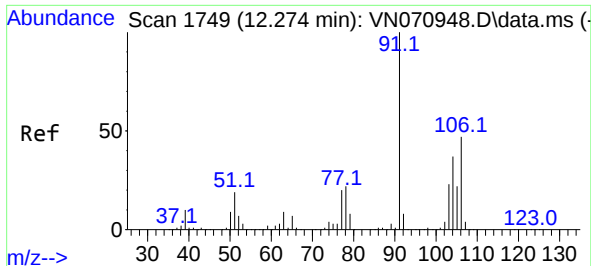
Tgt Ion: 91 Resp: 2085865
Ion Ratio Lower Upper
91 100
106 30.6 25.7 38.5



#68
m/p-Xylenes
Concen: 53.323 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VN071120.D
Acq: 01 Mar 2022 15:48

Tgt Ion:106 Resp: 1076750
Ion Ratio Lower Upper
106 100
91 201.8 160.6 240.8

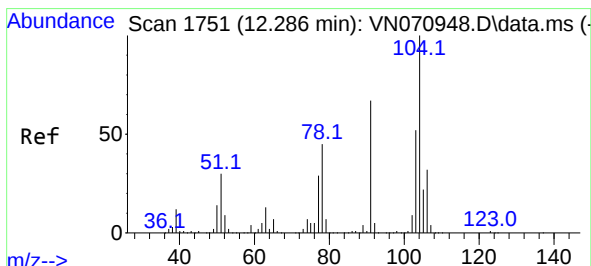
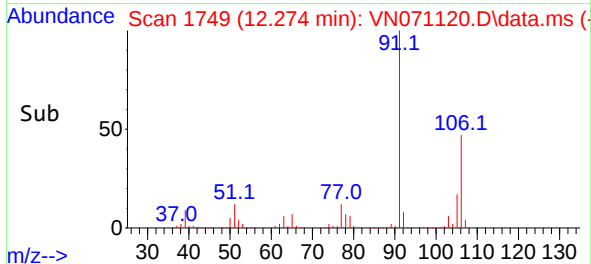
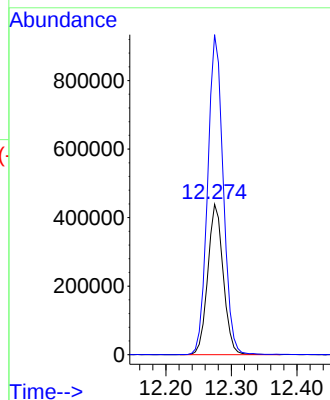
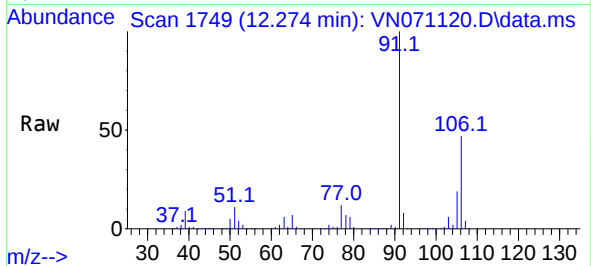




#69
o-Xylene
Concen: 36.499 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VN071120.D
Acq: 01 Mar 2022 15:48

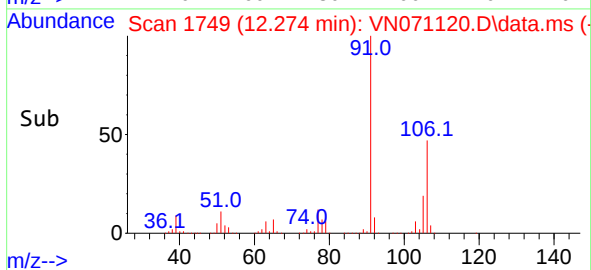
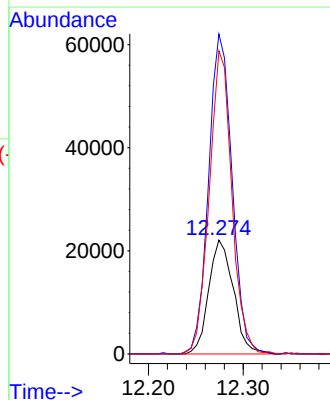
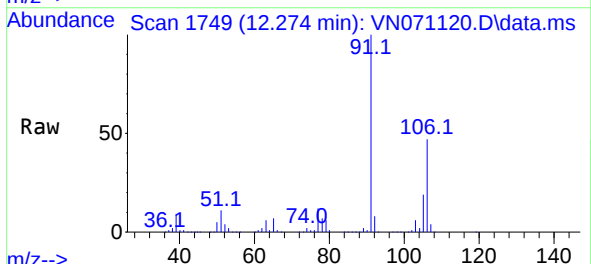
Instrument :
MSVOA_N
ClientSampleId :
MW-38

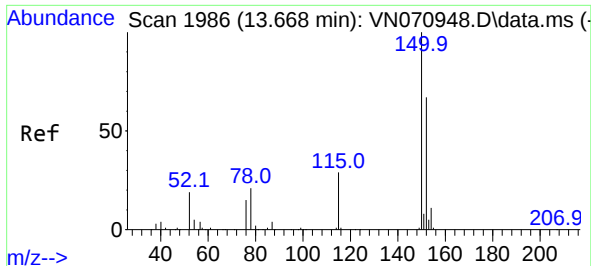
Tgt Ion:106 Resp: 719979
Ion Ratio Lower Upper
106 100
91 214.3 105.8 317.3



#70
Styrene
Concen: 1.276 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.012 min
Lab File: VN071120.D
Acq: 01 Mar 2022 15:48

Tgt Ion:104 Resp: 40019
Ion Ratio Lower Upper
104 100
78 266.7 38.7 58.1#
103 243.8 45.0 67.6#

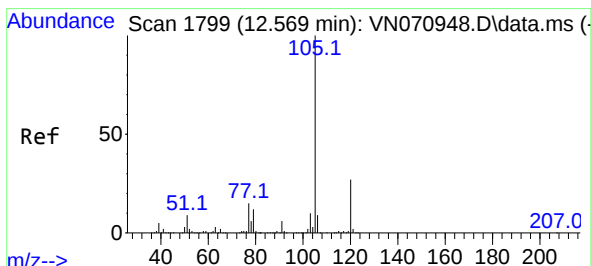
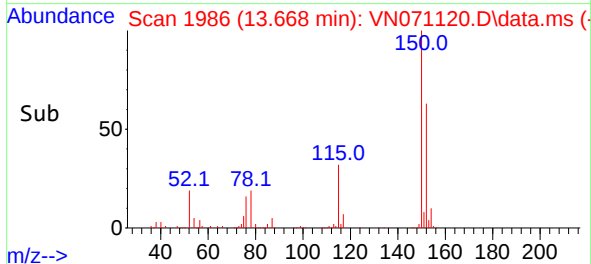
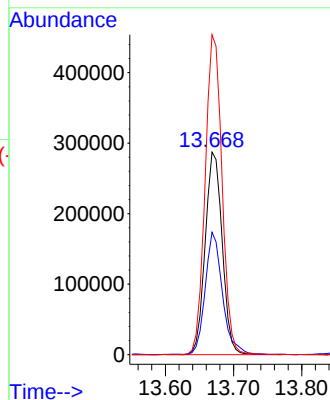
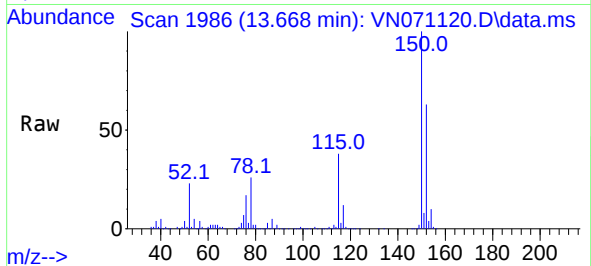




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN071120.D
Acq: 01 Mar 2022 15:48

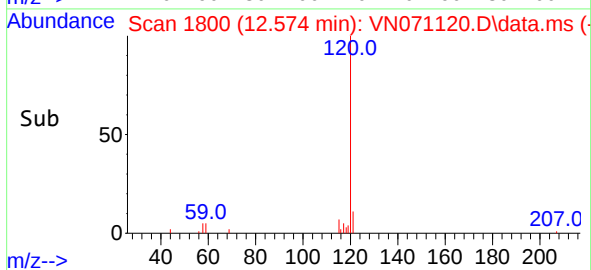
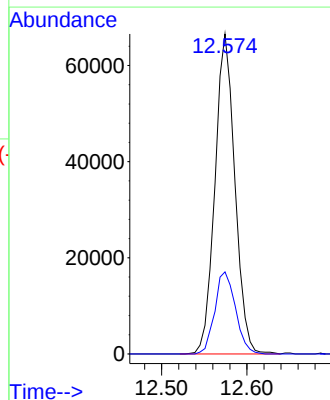
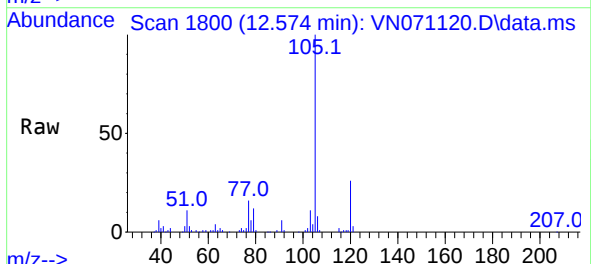
Instrument :
MSVOA_N
ClientSampleId :
MW-38

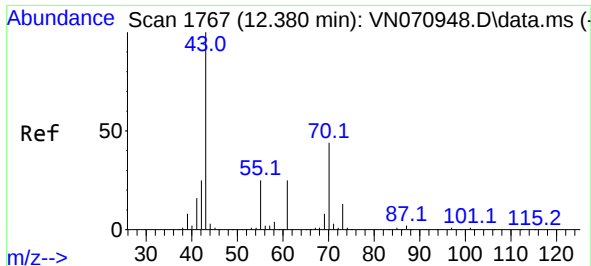
Tgt Ion:152 Resp: 499489
Ion Ratio Lower Upper
152 100
115 61.2 27.5 82.5
150 156.4 0.0 344.4



#73
Isopropylbenzene
Concen: 2.691 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.006 min
Lab File: VN071120.D
Acq: 01 Mar 2022 15:48

Tgt Ion:105 Resp: 108191
Ion Ratio Lower Upper
105 100
120 26.6 13.4 40.1

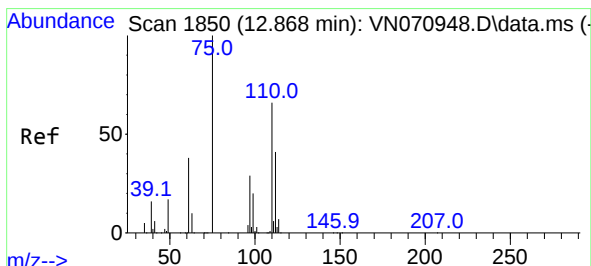
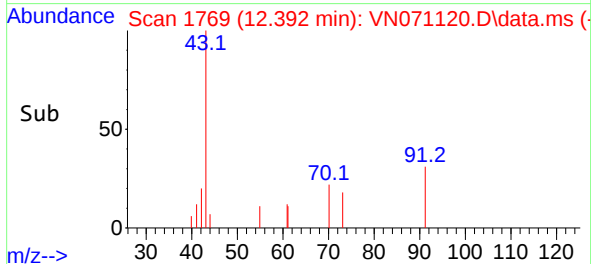
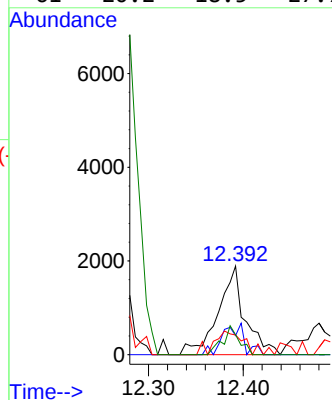
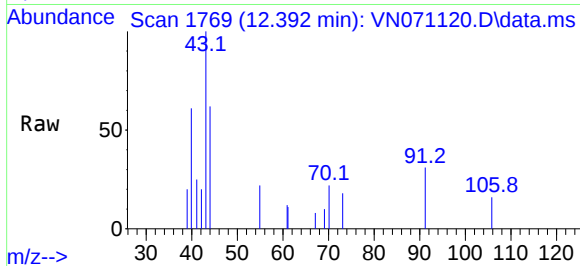




#74
N-amy1 acetate
Concen: 0.290 ug/l
RT: 12.392 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN071120.D
Acq: 01 Mar 2022 15:48

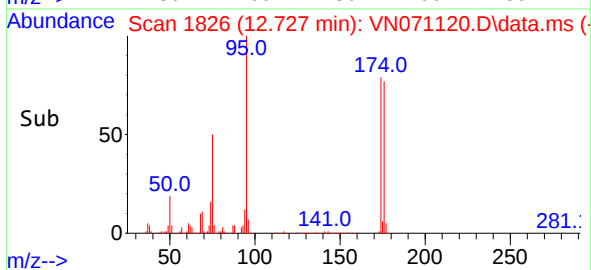
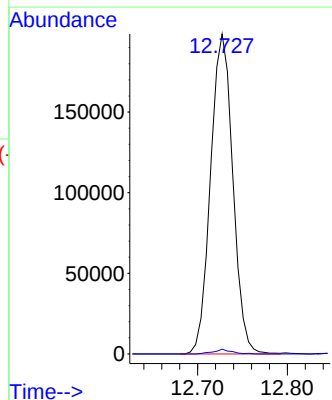
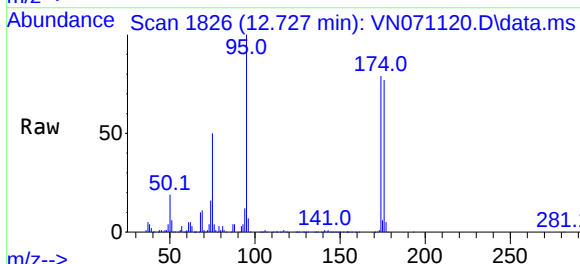
Instrument :
MSVOA_N
ClientSampleId :
MW-38

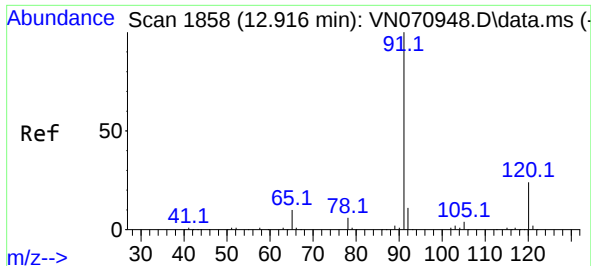
Tgt Ion: 43	Resp: 3732
Ion Ratio	Lower Upper
43 100	
70 28.2	33.4 50.0#
55 29.7	19.3 28.9#
61 20.2	18.5 27.7



#76
1,2,3-Trichloropropane
Concen: 29.081 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.141 min
Lab File: VN071120.D
Acq: 01 Mar 2022 15:48

Tgt Ion: 75	Resp: 342012
Ion Ratio	Lower Upper
75 100	
77 1.2	82.6 247.8#

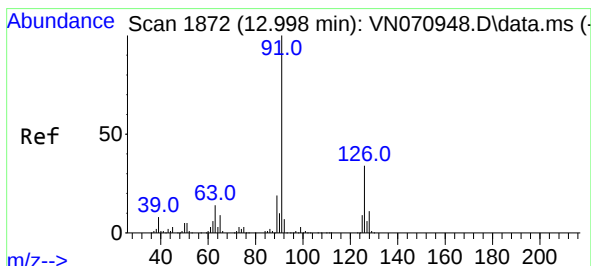
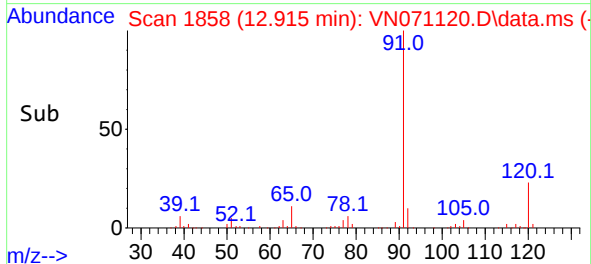
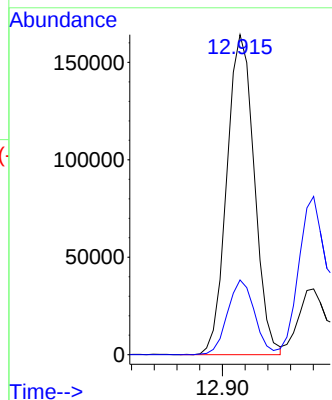
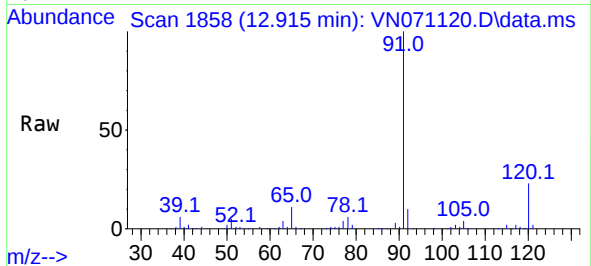




#78
n-propylbenzene
Concen: 6.109 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071120.D
Acq: 01 Mar 2022 15:48

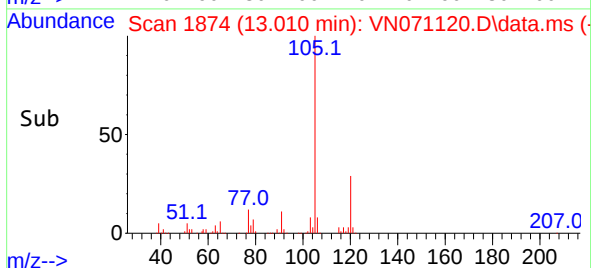
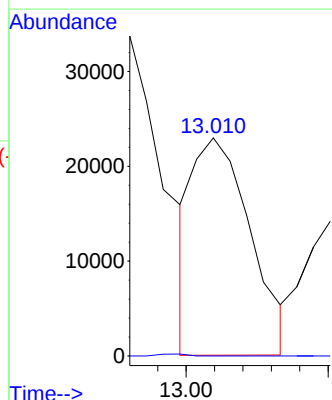
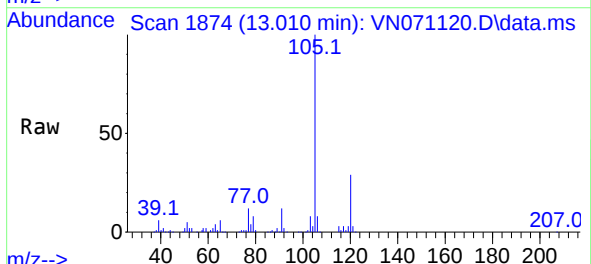
Instrument :
MSVOA_N
ClientSampleId :
MW-38

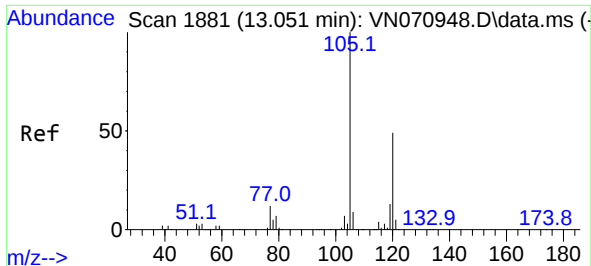
Tgt Ion: 91 Resp: 275952
Ion Ratio Lower Upper
91 100
120 22.8 11.9 35.9



#79
2-Chlorotoluene
Concen: 1.181 ug/l
RT: 13.010 min Scan# 1874
Delta R.T. 0.012 min
Lab File: VN071120.D
Acq: 01 Mar 2022 15:48

Tgt Ion: 91 Resp: 32399
Ion Ratio Lower Upper
91 100
126 0.4 18.3 54.8#

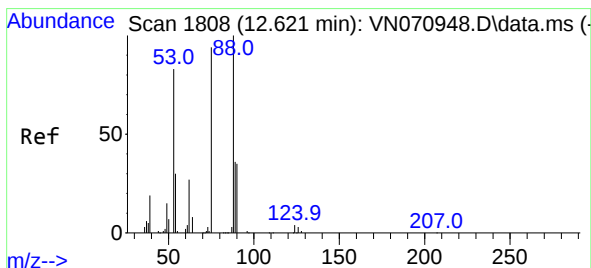
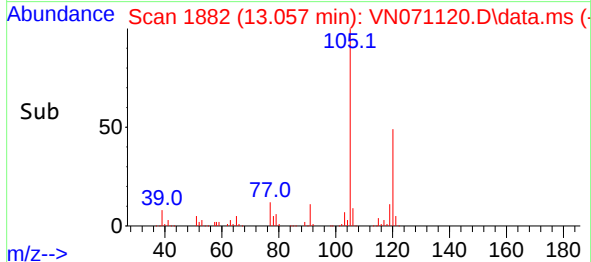
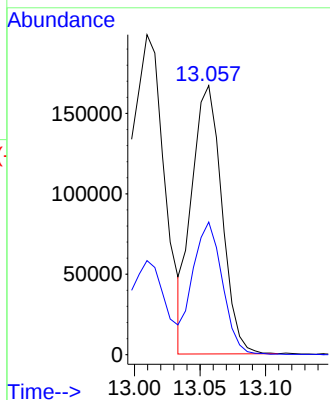
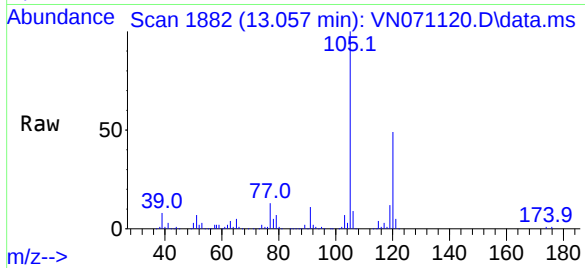




#80
1,3,5-Trimethylbenzene
Concen: 8.221 ug/l
RT: 13.057 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN071120.D
Acq: 01 Mar 2022 15:48

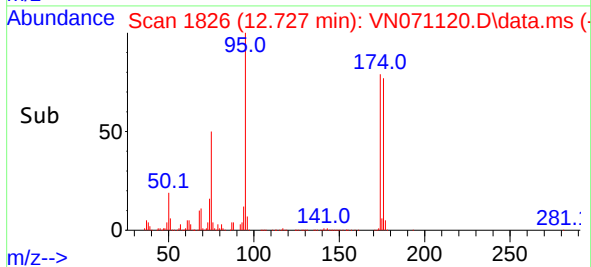
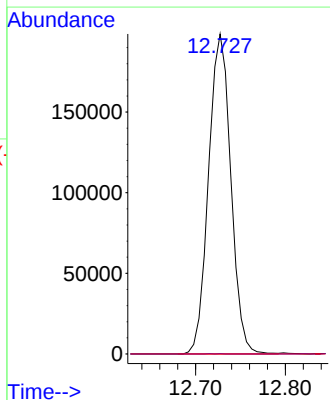
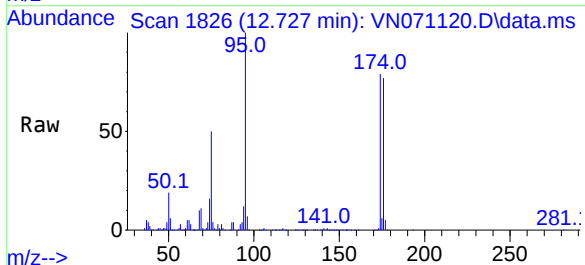
Instrument :
MSVOA_N
ClientSampleId :
MW-38

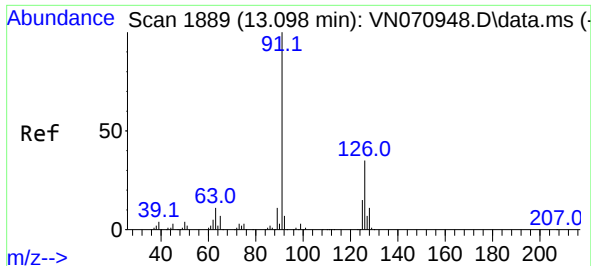
Tgt Ion:105 Resp: 267765
Ion Ratio Lower Upper
105 100
120 48.9 24.6 73.6



#81
trans-1,4-Dichloro-2-butene
Concen: 94.237 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.106 min
Lab File: VN071120.D
Acq: 01 Mar 2022 15:48

Tgt Ion: 75 Resp: 342012
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#

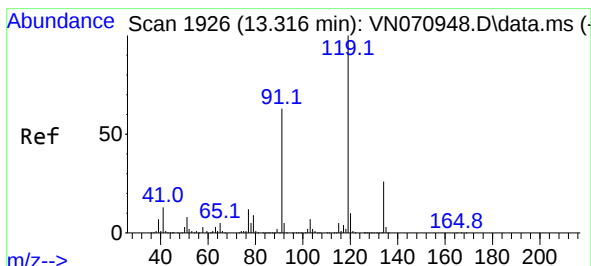
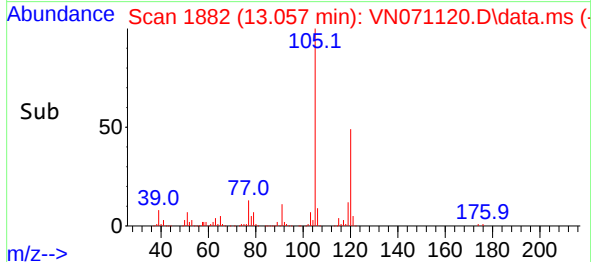
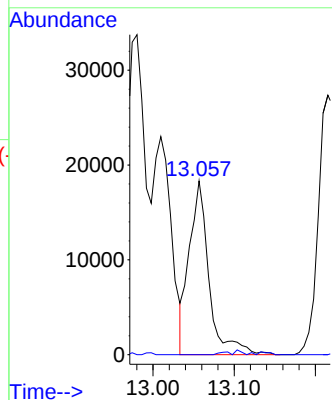
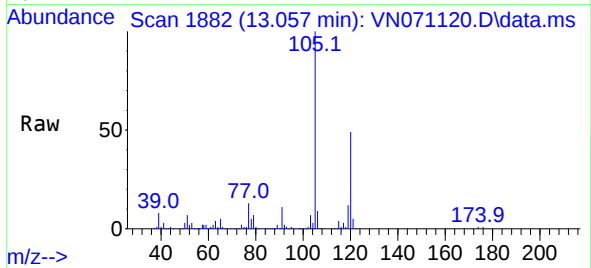




#82
4-Chlorotoluene
Concen: 1.168 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.041 min
Lab File: VN071120.D
Acq: 01 Mar 2022 15:48

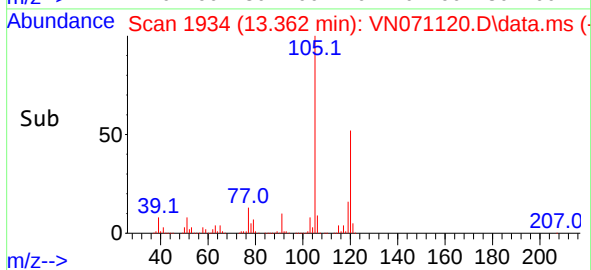
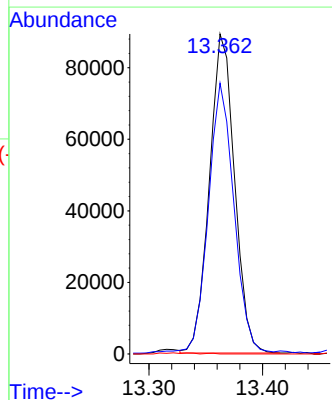
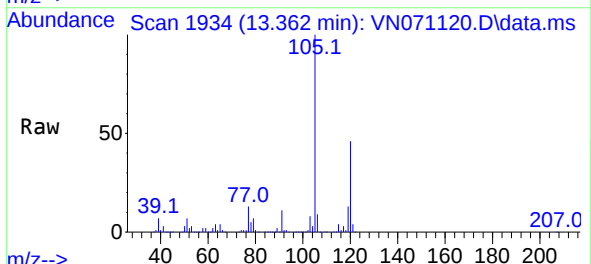
Instrument :
MSVOA_N
ClientSampleId :
MW-38

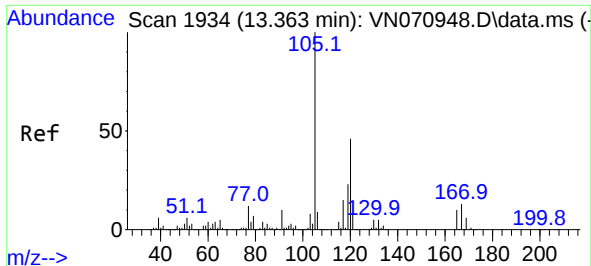
Tgt Ion: 91 Resp: 31106
Ion Ratio Lower Upper
91 100
126 0.0 18.2 54.6#



#83
tert-Butylbenzene
Concen: 4.440 ug/l
RT: 13.362 min Scan# 1934
Delta R.T. 0.047 min
Lab File: VN071120.D
Acq: 01 Mar 2022 15:48

Tgt Ion: 119 Resp: 137149
Ion Ratio Lower Upper
119 100
91 87.7 31.5 94.5
134 0.0 12.4 37.4#

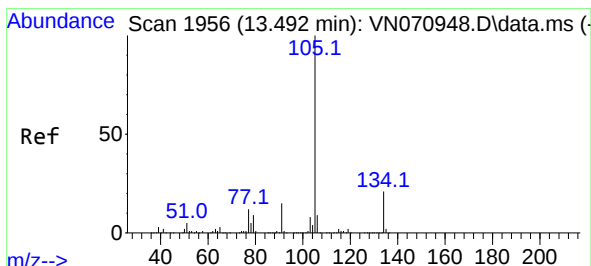
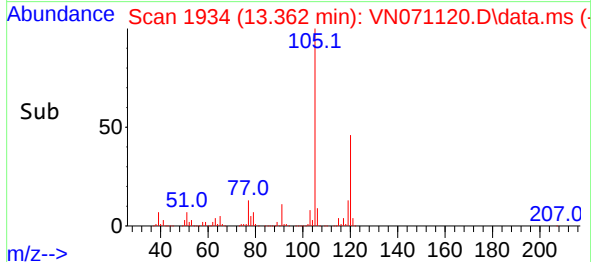
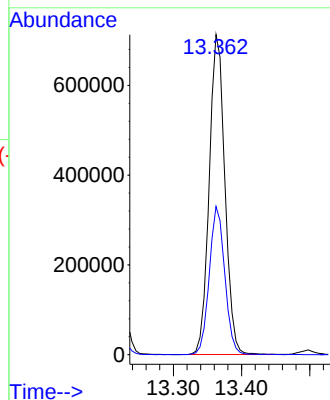
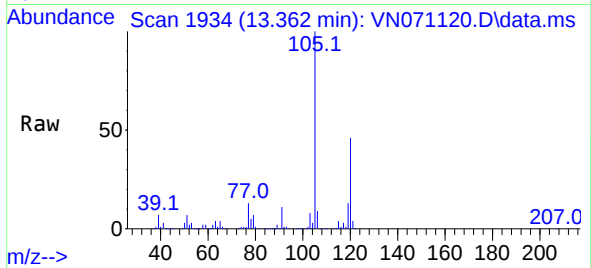




#84
1,2,4-Trimethylbenzene
Concen: 35.566 ug/l
RT: 13.362 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071120.D
Acq: 01 Mar 2022 15:48

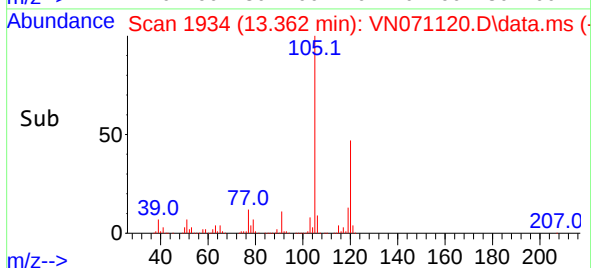
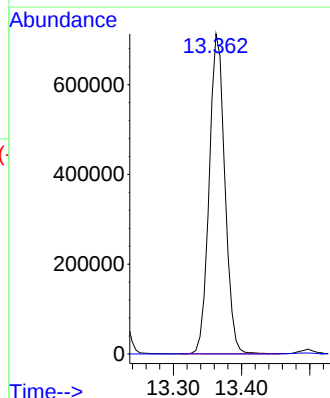
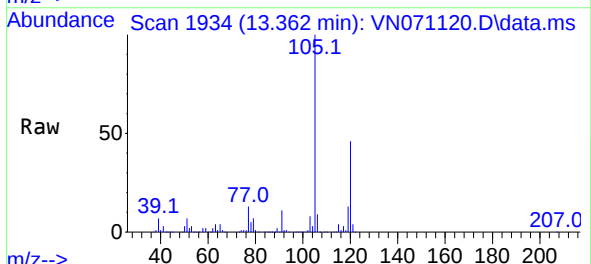
Instrument :
MSVOA_N
ClientSampleId :
MW-38

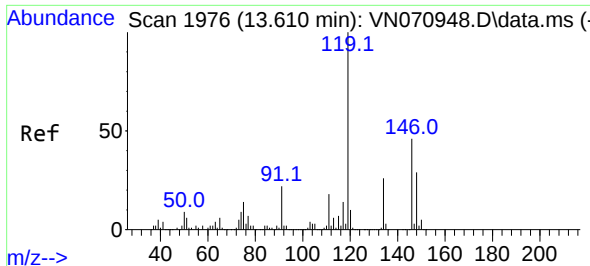
Tgt Ion:105 Resp: 1140366
Ion Ratio Lower Upper
105 100
120 45.9 22.8 68.4



#85
sec-Butylbenzene
Concen: 28.017 ug/l
RT: 13.362 min Scan# 1934
Delta R.T. -0.130 min
Lab File: VN071120.D
Acq: 01 Mar 2022 15:48

Tgt Ion:105 Resp: 1140366
Ion Ratio Lower Upper
105 100
134 0.0 10.4 31.1#

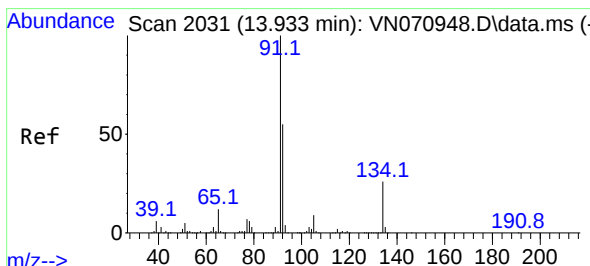
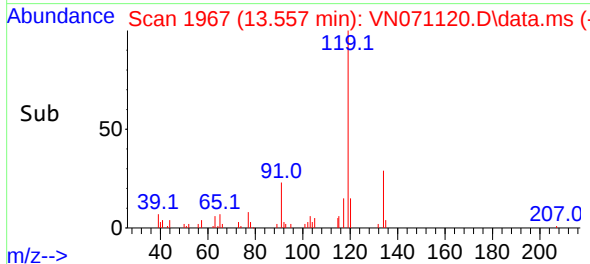
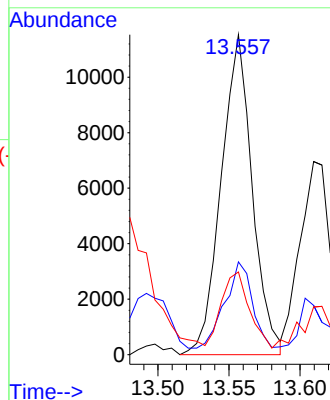
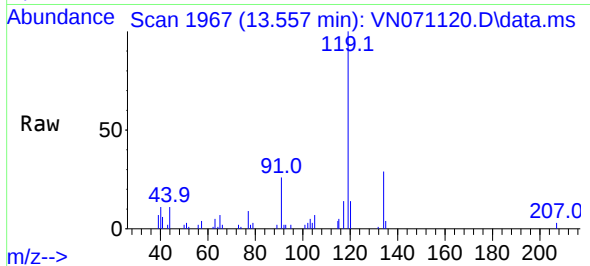




#86
p-Isopropyltoluene
Concen: 0.525 ug/l
RT: 13.557 min Scan# 1967
Delta R.T. -0.053 min
Lab File: VN071120.D
Acq: 01 Mar 2022 15:48

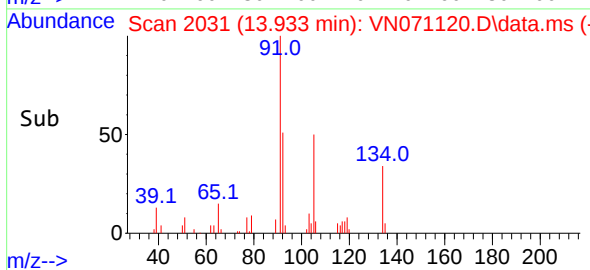
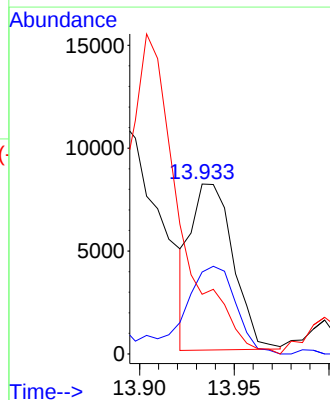
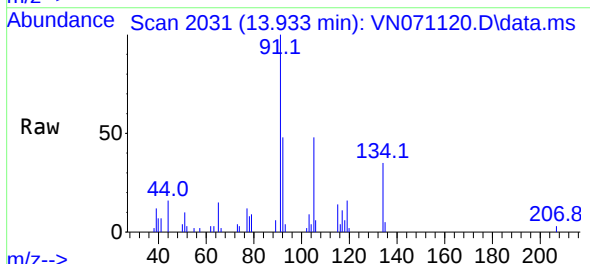
Instrument :
MSVOA_N
ClientSampleId :
MW-38

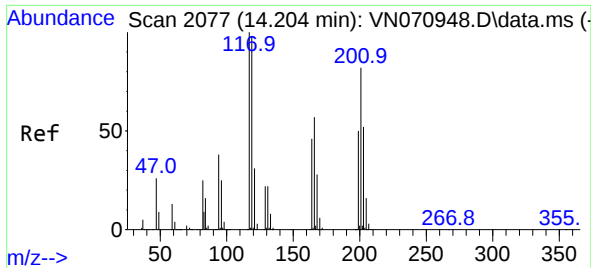
Tgt Ion:	119	Resp:	17536
Ion	Ratio	Lower	Upper
119	100		
134	28.8	13.6	40.7
91	21.2	11.4	34.1



#89
n-Butylbenzene
Concen: 0.457 ug/l
RT: 13.933 min Scan# 2031
Delta R.T. -0.000 min
Lab File: VN071120.D
Acq: 01 Mar 2022 15:48

Tgt Ion:	91	Resp:	12465
Ion	Ratio	Lower	Upper
91	100		
92	61.3	25.4	76.0
134	0.0	13.6	40.8#

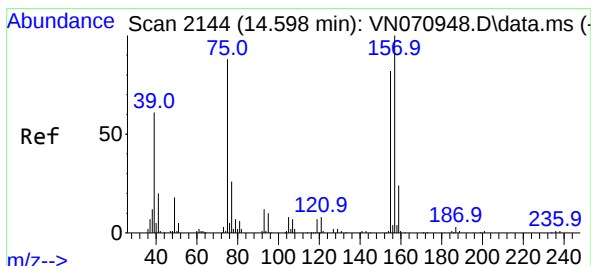
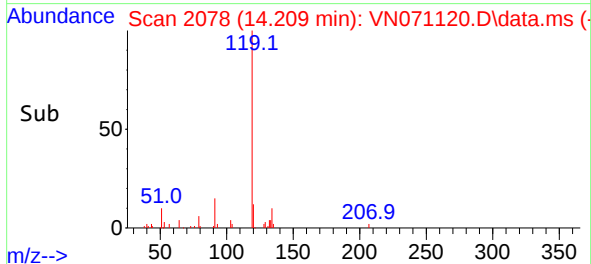
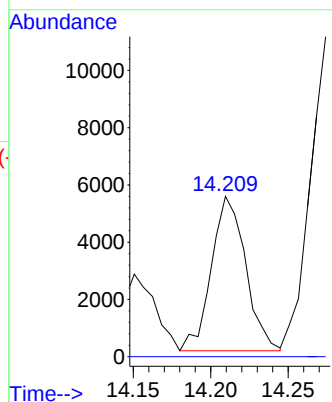
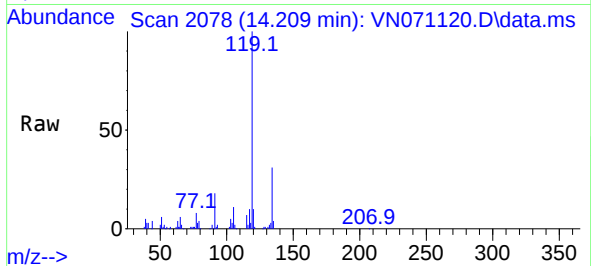




#90
Hexachloroethane
Concen: 1.389 ug/l
RT: 14.209 min Scan# 2077
Delta R.T. 0.006 min
Lab File: VN071120.D
Acq: 01 Mar 2022 15:48

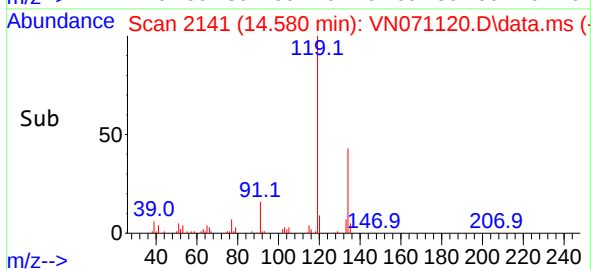
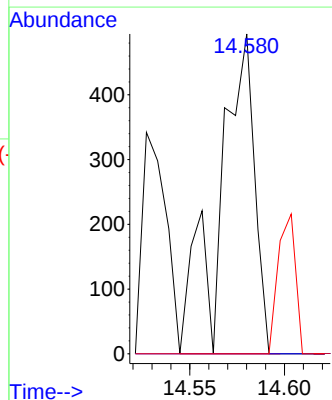
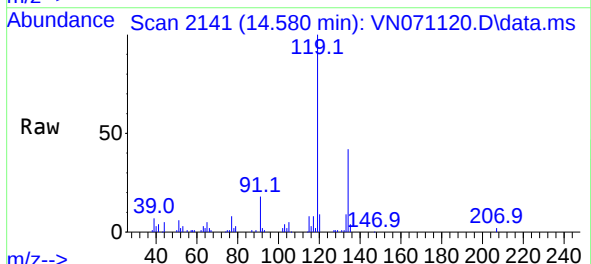
Instrument :
MSVOA_N
ClientSampleId :
MW-38

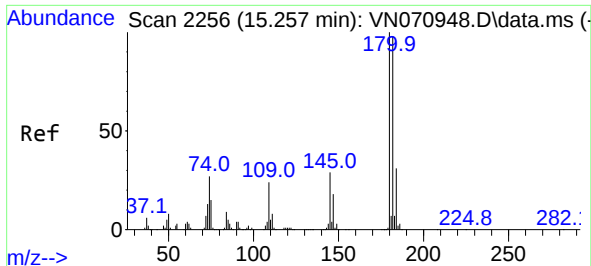
Tgt Ion:117 Resp: 8291
Ion Ratio Lower Upper
117 100
201 0.0 43.9 131.6#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.311 ug/l
RT: 14.580 min Scan# 2141
Delta R.T. -0.018 min
Lab File: VN071120.D
Acq: 01 Mar 2022 15:48

Tgt Ion: 75 Resp: 643
Ion Ratio Lower Upper
75 100
155 0.0 46.9 140.7#
157 0.0 60.6 181.7#

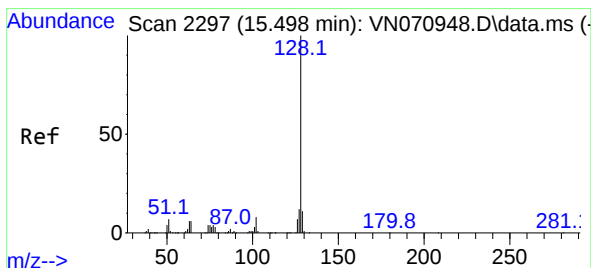
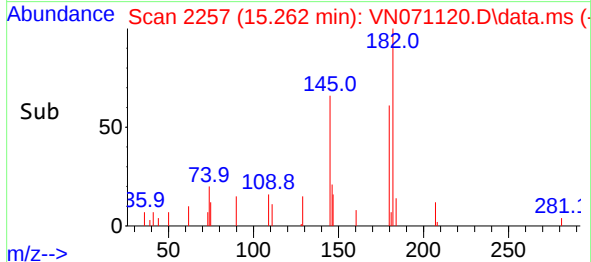
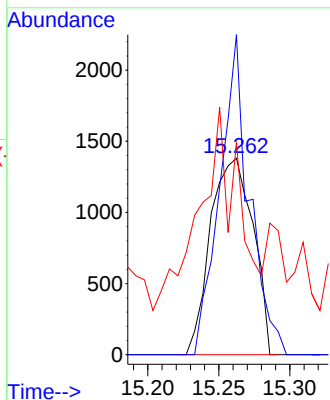
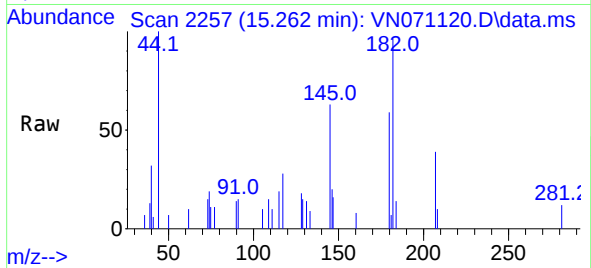




#93
1,2,4-Trichlorobenzene
Concen: 2.300 ug/l
RT: 15.262 min Scan# 21
Delta R.T. 0.005 min
Lab File: VN071120.D
Acq: 01 Mar 2022 15:48

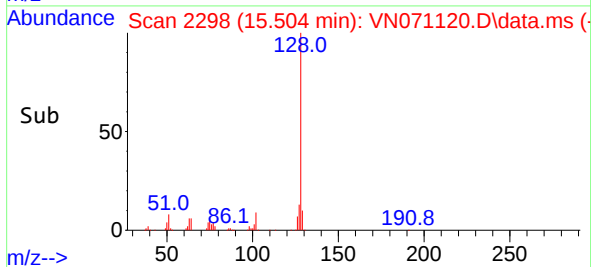
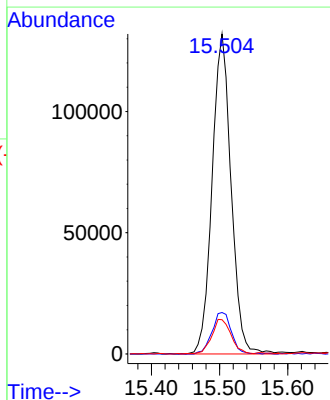
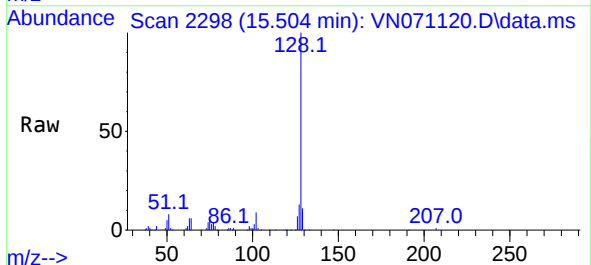
Instrument :
MSVOA_N
ClientSampleId :
MW-38

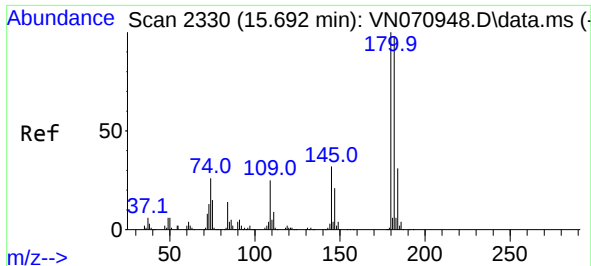
Tgt Ion:180 Resp: 2883
Ion Ratio Lower Upper
180 100
182 112.8 48.3 144.9
145 112.9 14.5 43.5#



#95
Naphthalene
Concen: 15.282 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN071120.D
Acq: 01 Mar 2022 15:48

Tgt Ion:128 Resp: 255313
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 11.1 8.7 13.1





#96

1,2,3-Trichlorobenzene

Concen: 2.929 ug/l

RT: 15.692 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN071120.D

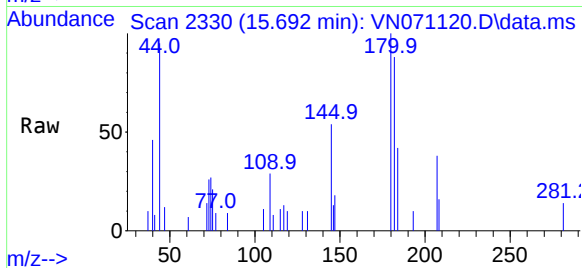
Acq: 01 Mar 2022 15:48

Instrument :

MSVOA_N

ClientSampleId :

MW-38



Tgt Ion:180 Resp: 3688

Ion Ratio Lower Upper

180 100

182 95.2 47.4 142.2

145 59.9 15.0 45.1#

