

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041322\
 Data File : VN071975.D
 Acq On : 13 Apr 2022 14:52
 Operator : JC\MD
 Sample : N2308-03DL 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Apr 14 02:32:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	579389	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	991902	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1035555	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	397423	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	310848	46.996	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.000%
35) Dibromofluoromethane	8.022	113	282047	48.322	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.640%
50) Toluene-d8	10.439	98	1243384	52.075	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.140%
62) 4-Bromofluorobenzene	12.727	95	431566	55.887	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	111.780%

Target Compounds			Qvalue			
3) Chloromethane	2.304	50	2797	0.479	ug/l	98
5) Bromomethane	2.869	94	2238	0.537	ug/l #	69
10) Methyl Iodide	4.445	142	2684	0.382	ug/l #	65
11) Tert butyl alcohol	5.369	59	2358	2.197	ug/l #	72
13) Acrolein	4.040	56	771	0.589	ug/l #	59
15) Acrylonitrile	5.569	53	1161	0.372	ug/l #	55
16) Acetone	4.292	43	7338	2.596	ug/l	90
17) Carbon Disulfide	4.539	76	2590	0.236	ug/l #	75
18) Methyl Acetate	4.857	43	3832	Below Cal	#	85
20) Methylene Chloride	5.098	84	1258	0.211	ug/l #	59
25) 2-Butanone	7.345	43	4007	0.983	ug/l #	67
29) Tetrahydrofuran	7.704	42	785	0.297	ug/l #	72
31) Cyclohexane	8.092	56	15742	1.750	ug/l #	25
36) 1,1-Dichloropropene	8.080	75	38098	4.674	ug/l #	48
38) Carbon Tetrachloride	8.080	117	50478	6.319	ug/l #	17
39) Methylcyclohexane	9.463	83	2780	0.287	ug/l #	84
40) Benzene	8.457	78	475529	18.468	ug/l	100
43) Isopropyl Acetate	8.586	43	5535	0.373	ug/l #	53
49) 1,4-Dioxane	9.586	88	60	Below Cal	#	1
51) 4-Methyl-2-Pentanone	10.327	43	3811	0.447	ug/l #	85
52) Toluene	10.504	92	57869	3.555	ug/l	98
59) 2-Hexanone	11.086	43	8590	1.430	ug/l	80
67) Ethyl Benzene	11.839	91	259368	7.389	ug/l	98
68) m/p-Xylenes	11.951	106	248637	18.435	ug/l	98
69) o-Xylene	12.274	106	41123	3.072	ug/l	98
70) Styrene	12.286	104	4321	0.213	ug/l #	1
73) Isopropylbenzene	12.574	105	17437	0.521	ug/l	96
74) N-amyl acetate	12.386	43	4665	0.486	ug/l #	91
76) 1,2,3-Trichloropropane	12.727	75	206976	22.481	ug/l #	1
78) n-propylbenzene	12.915	91	32403	0.920	ug/l	98
80) 1,3,5-Trimethylbenzene	13.057	105	29244	1.102	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.727	75	206976	69.669	ug/l #	10
84) 1,2,4-Trimethylbenzene	13.362	105	139631	5.393	ug/l	100
87) 1,3-Dichlorobenzene	13.609	146	3275	0.245	ug/l	100
88) 1,4-Dichlorobenzene	13.609	146	3275	0.251	ug/l	98
89) n-Butylbenzene	13.939	91	7752	0.417	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

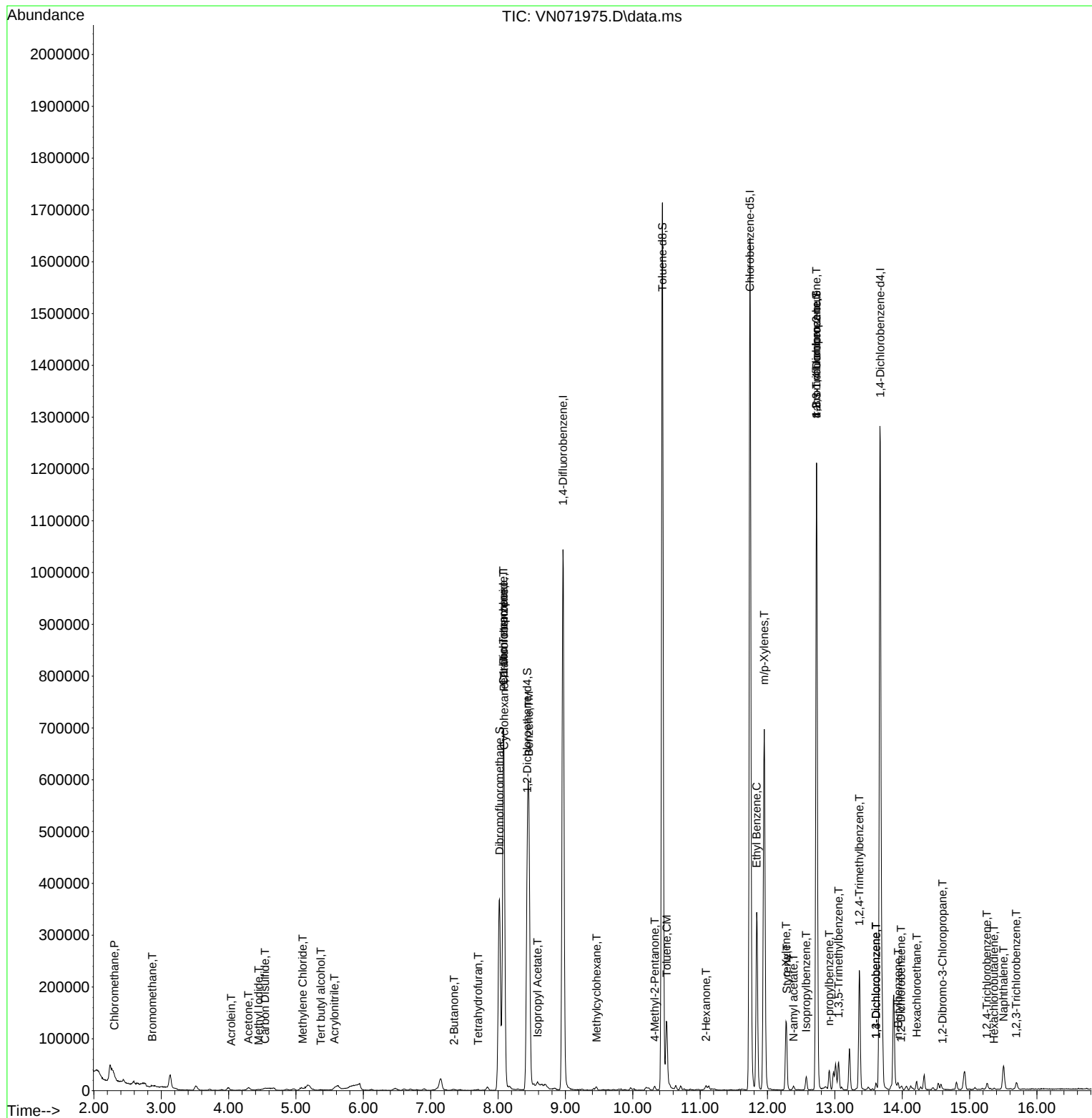
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	14.215	117	1155	0.252	ug/l #	9
91) 1,2-Dichlorobenzene	13.980	146	3170	0.241	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.598	75	617	0.356	ug/l	70
93) 1,2,4-Trichlorobenzene	15.256	180	5637	2.940	ug/l	92
94) Hexachlorobutadiene	15.362	225	1040	0.269	ug/l	77
95) Naphthalene	15.503	128	51746	6.445	ug/l	99
96) 1,2,3-Trichlorobenzene	15.692	180	6328	3.397	ug/l	94

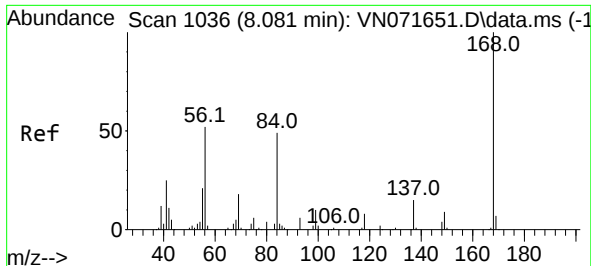
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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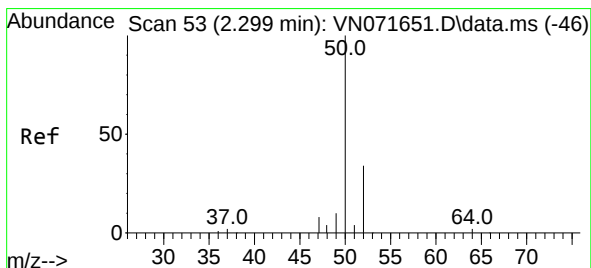
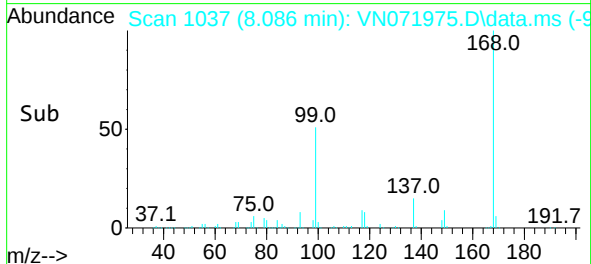
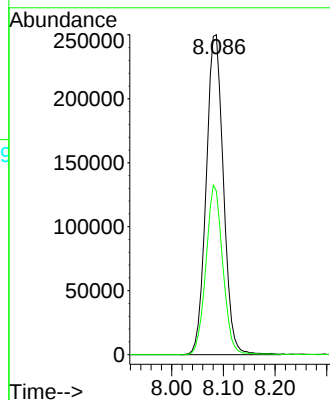
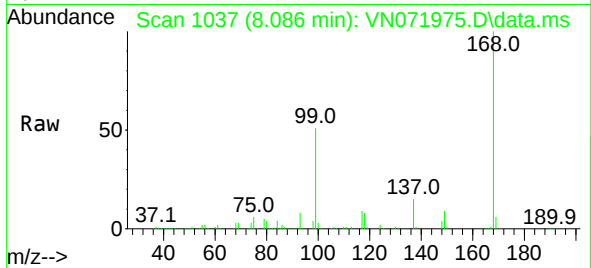




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 10
Delta R.T. 0.005 min
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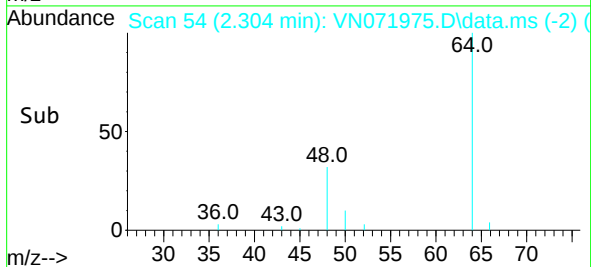
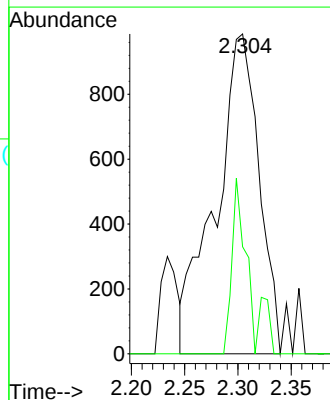
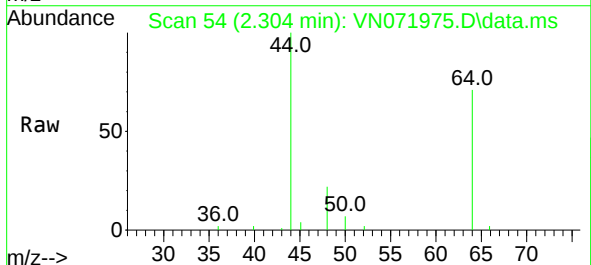
Instrument :
MSVOA_N
ClientSampleId :
IBLK

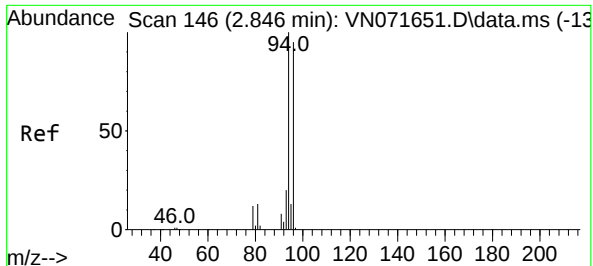
Tgt Ion:168 Resp: 579389
Ion Ratio Lower Upper
168 100
99 51.1 42.3 63.5



#3
Chloromethane
Concen: 0.479 ug/l
RT: 2.304 min Scan# 54
Delta R.T. 0.005 min
Lab File: VN071975.D
Acq: 13 Apr 2022 14:52

Tgt Ion: 50 Resp: 2797
Ion Ratio Lower Upper
50 100
52 33.5 25.7 38.5

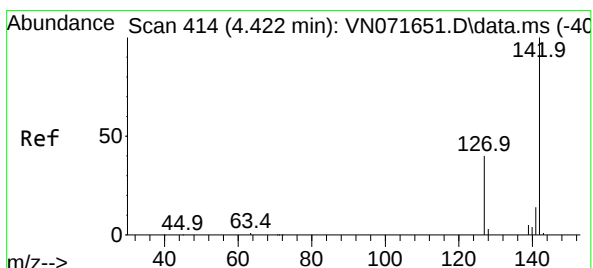
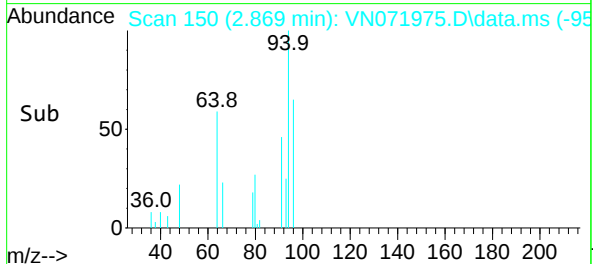
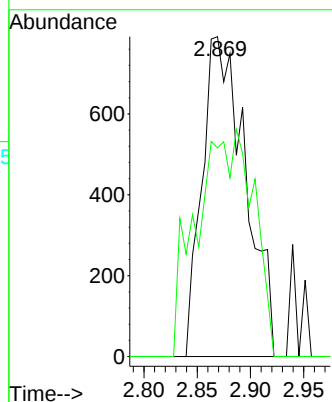
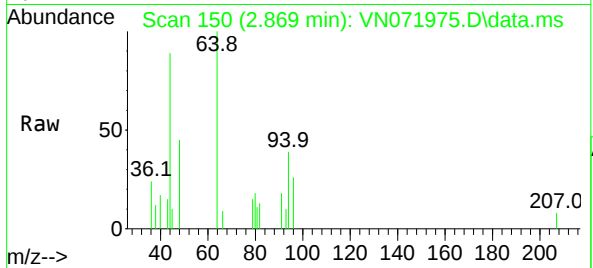




#5
Bromomethane
Concen: 0.537 ug/l
RT: 2.869 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN071975.D
Acq: 13 Apr 2022 14:52

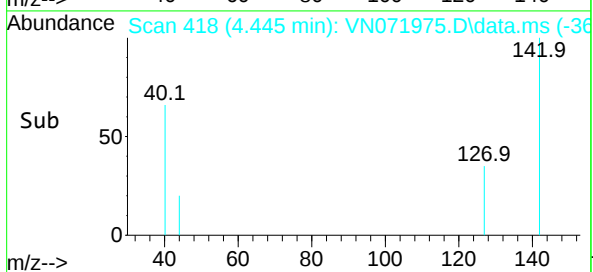
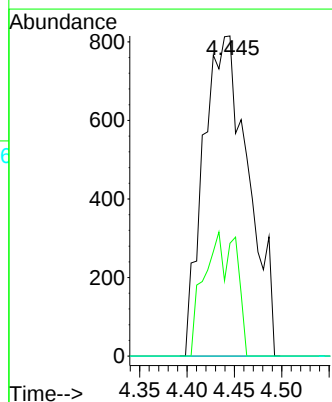
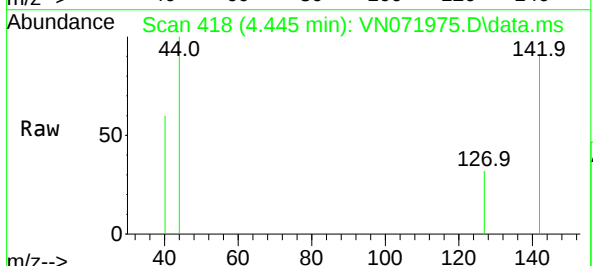
Instrument :
MSVOA_N
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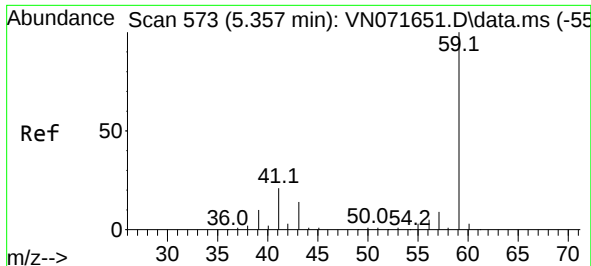
Tgt Ion: 94 Resp: 2238
Ion Ratio Lower Upper
94 100
96 65.2 76.0 114.0#



#10
Methyl Iodide
Concen: 0.382 ug/l
RT: 4.445 min Scan# 418
Delta R.T. 0.023 min
Lab File: VN071975.D
Acq: 13 Apr 2022 14:52

Tgt Ion: 142 Resp: 2684
Ion Ratio Lower Upper
142 100
127 17.9 31.3 46.9#
141 0.0 11.2 16.8#

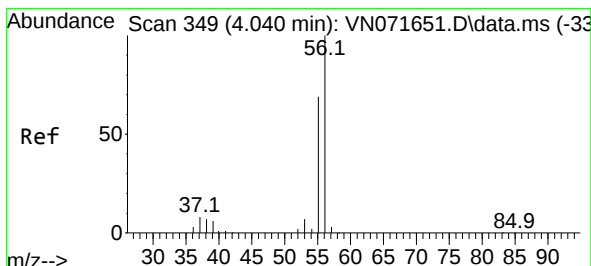
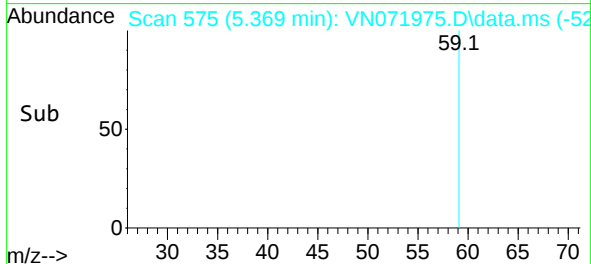
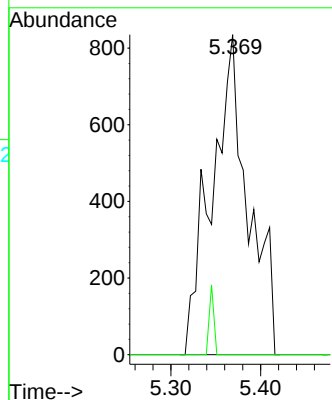
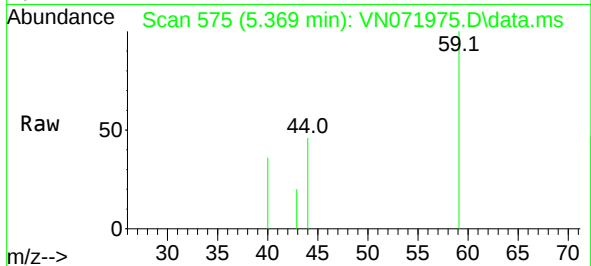




#11
Tert butyl alcohol
Concen: 2.197 ug/l
RT: 5.369 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN071975.D
Acq: 13 Apr 2022 14:52

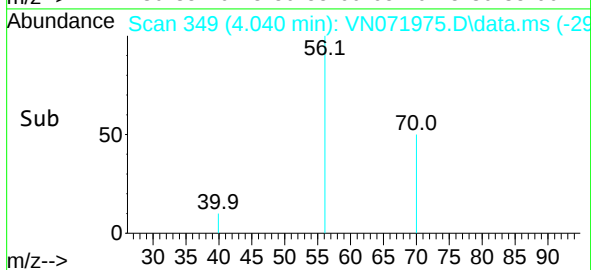
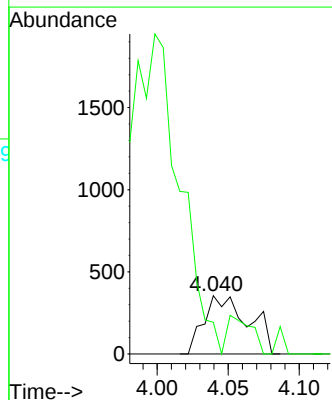
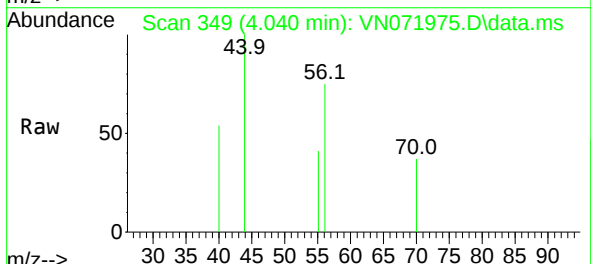
Instrument :
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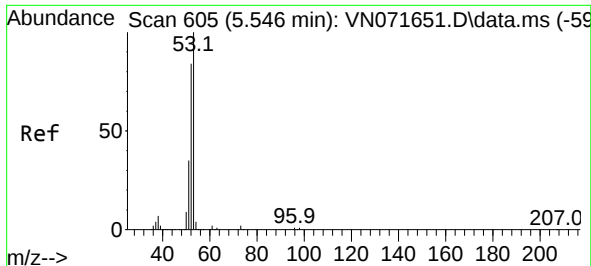
Tgt Ion: 59 Resp: 2358
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#13
Acrolein
Concen: 0.589 ug/l
RT: 4.040 min Scan# 349
Delta R.T. -0.000 min
Lab File: VN071975.D
Acq: 13 Apr 2022 14:52

Tgt Ion: 56 Resp: 771
Ion Ratio Lower Upper
56 100
55 35.4 54.8 82.2#

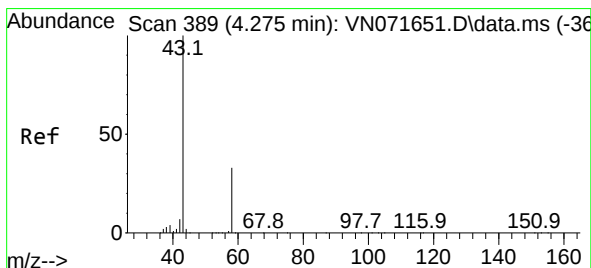
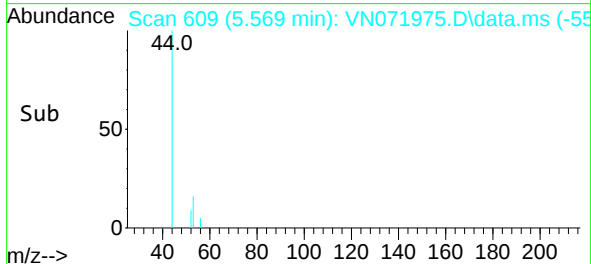
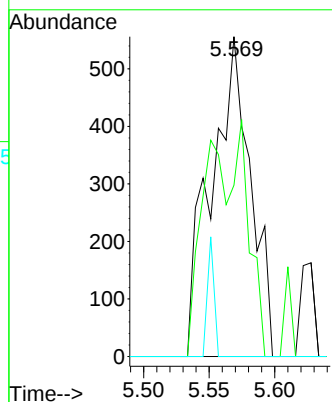
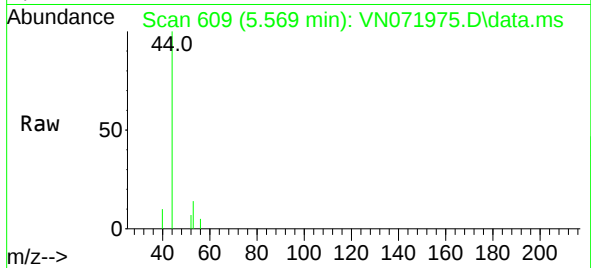




#15
Acrylonitrile
Concen: 0.372 ug/l
RT: 5.569 min Scan# 609
Delta R.T. 0.023 min
Lab File: VN071975.D
Acq: 13 Apr 2022 14:52

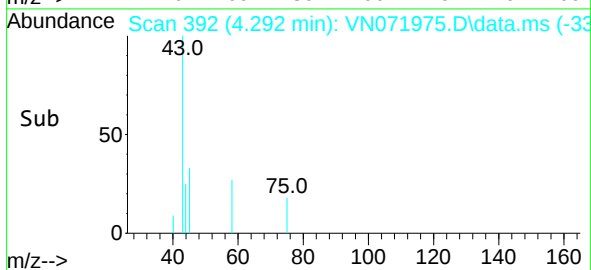
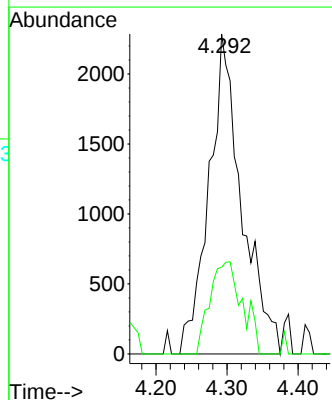
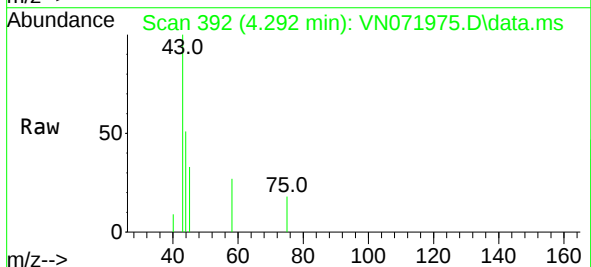
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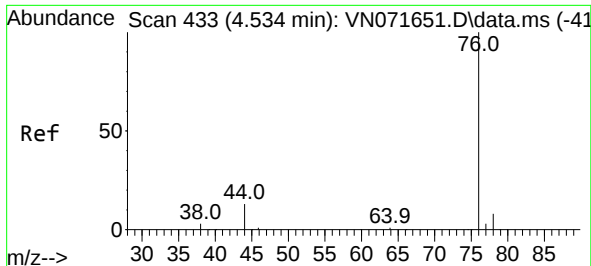
Tgt Ion: 53 Resp: 1161
Ion Ratio Lower Upper
53 100
52 44.2 66.4 99.6#
51 6.3 28.5 42.7#



#16
Acetone
Concen: 2.596 ug/l
RT: 4.292 min Scan# 392
Delta R.T. 0.017 min
Lab File: VN071975.D
Acq: 13 Apr 2022 14:52

Tgt Ion: 43 Resp: 7338
Ion Ratio Lower Upper
43 100
58 27.1 26.0 39.0

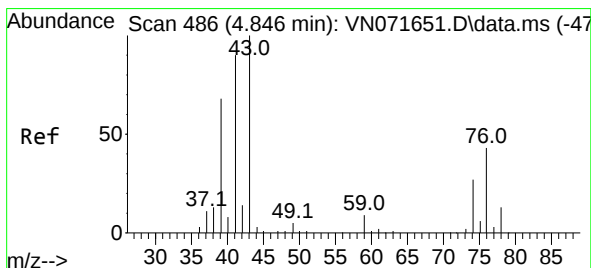
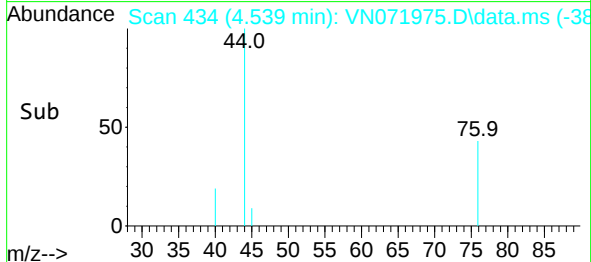
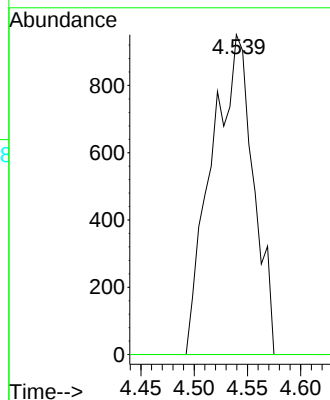
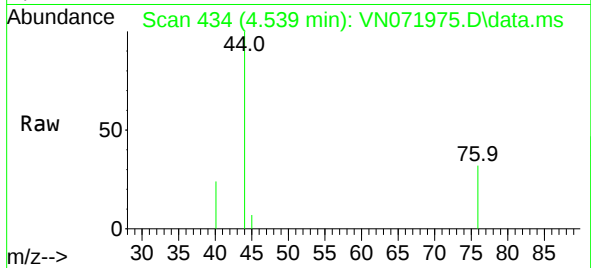




#17
Carbon Disulfide
Concen: 0.236 ug/l
RT: 4.539 min Scan# 41
Delta R.T. 0.005 min
Lab File: VN071975.D
Acq: 13 Apr 2022 14:52

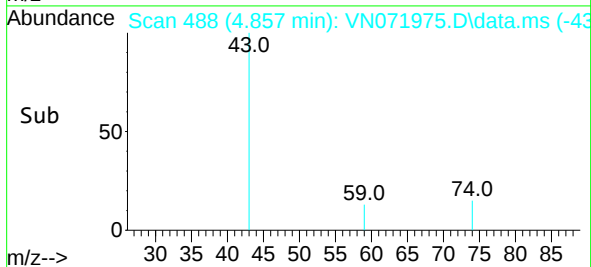
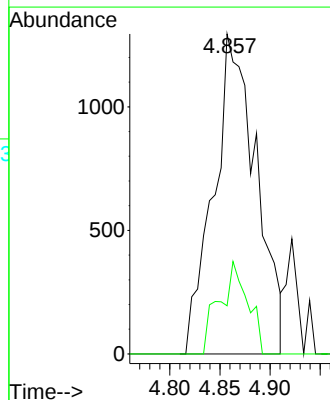
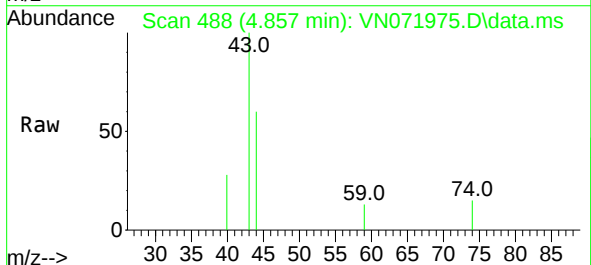
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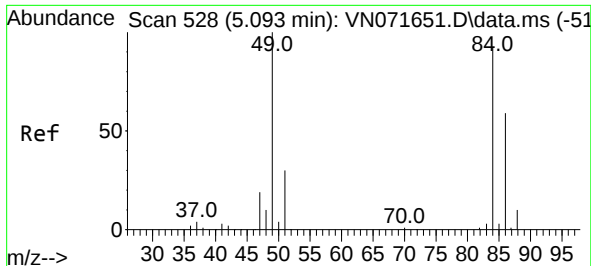
Tgt Ion: 76 Resp: 2590
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.857 min Scan# 488
Delta R.T. 0.011 min
Lab File: VN071975.D
Acq: 13 Apr 2022 14:52

Tgt Ion: 43 Resp: 3832
Ion Ratio Lower Upper
43 100
74 19.2 21.6 32.4#

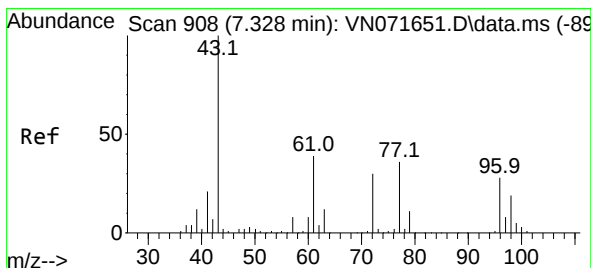
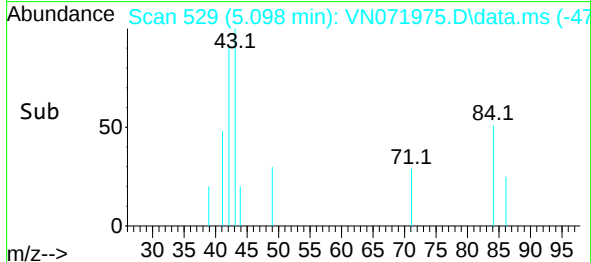
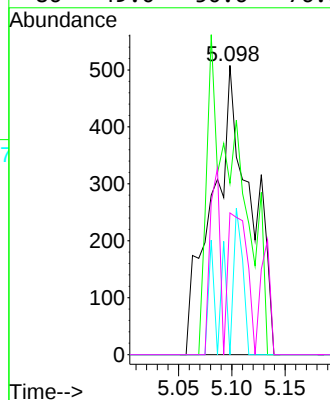
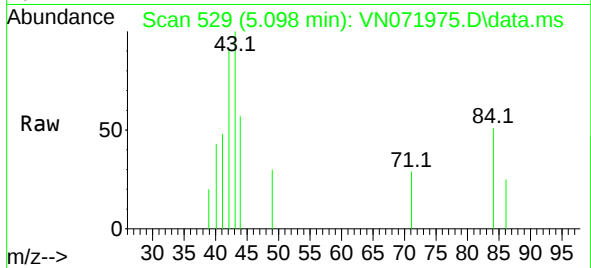




#20
Methylene Chloride
Concen: 0.211 ug/l
RT: 5.098 min Scan# 511
Delta R.T. 0.005 min
Lab File: VN071975.D
Acq: 13 Apr 2022 14:52

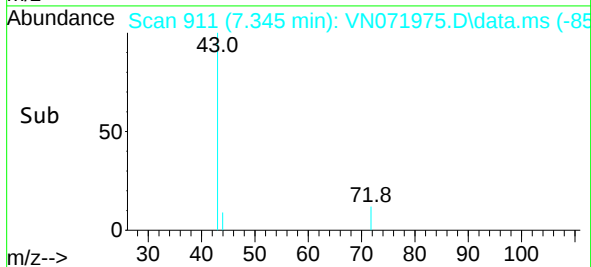
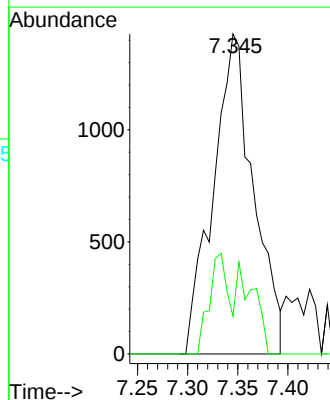
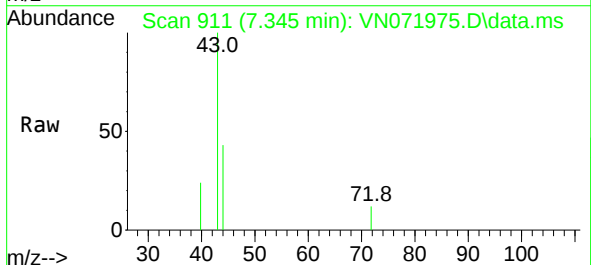
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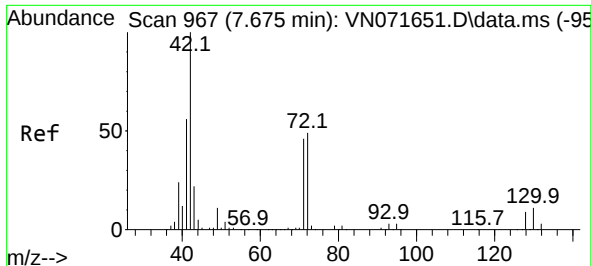
Tgt Ion: 84	Resp: 1258
Ion Ratio	Lower Upper
84 100	
49 59.3	88.3 132.5#
51 0.0	28.2 42.2#
86 49.0	50.6 76.0#



#25
2-Butanone
Concen: 0.983 ug/l
RT: 7.345 min Scan# 911
Delta R.T. 0.017 min
Lab File: VN071975.D
Acq: 13 Apr 2022 14:52

Tgt Ion: 43	Resp: 4007
Ion Ratio	Lower Upper
43 100	
72 11.8	23.7 35.5#





#29

Tetrahydrofuran

Concen: 0.297 ug/l

RT: 7.704 min Scan# 91

Delta R.T. 0.029 min

Lab File: VN071975.D

Acq: 13 Apr 2022 14:52

Instrument :

MSVOA_N

ClientSampleId :

IBLK

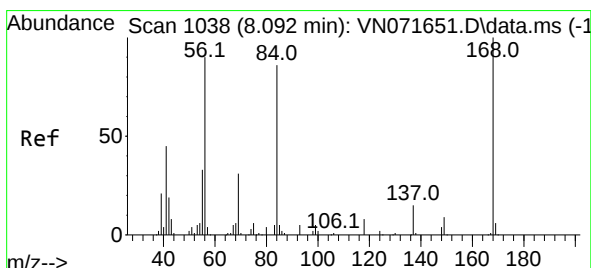
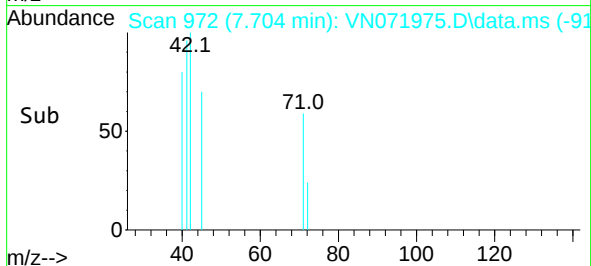
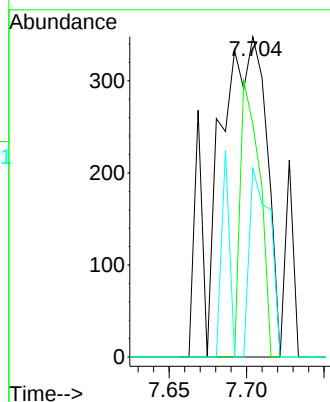
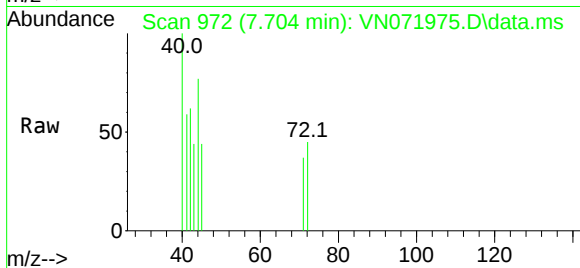
Tgt Ion: 42 Resp: 785

Ion Ratio Lower Upper

42 100

72 33.2 39.7 59.5#

71 23.8 36.6 55.0#



#31

Cyclohexane

Concen: 1.750 ug/l

RT: 8.092 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VN071975.D

Acq: 13 Apr 2022 14:52

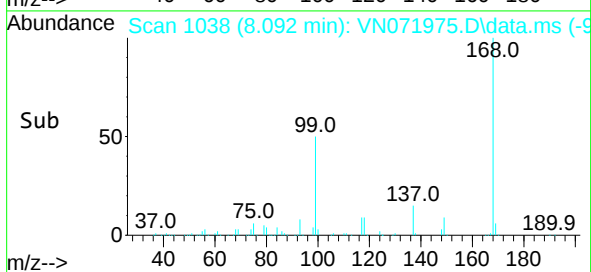
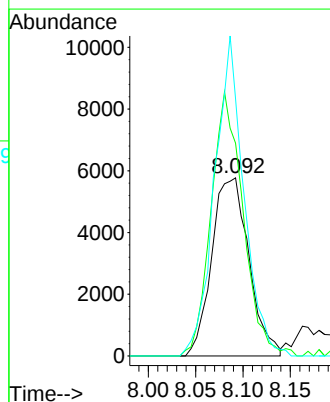
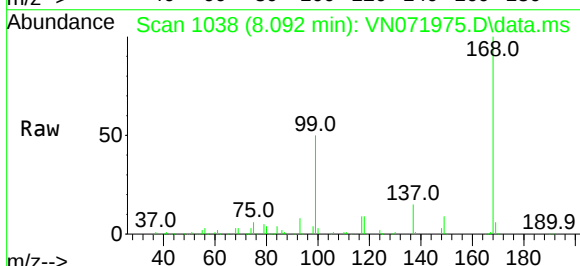
Tgt Ion: 56 Resp: 15742

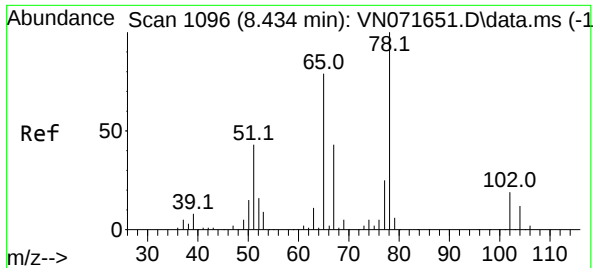
Ion Ratio Lower Upper

56 100

69 119.5 27.8 41.8#

84 144.4 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 46.996 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.001 min

Lab File: VN071975.D

Acq: 13 Apr 2022 14:52

Instrument :

MSVOA_N

ClientSampleId :

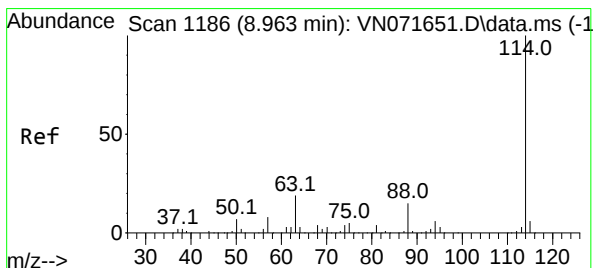
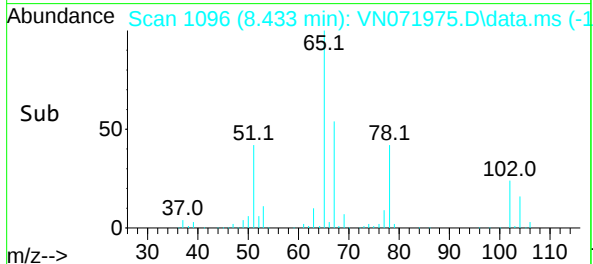
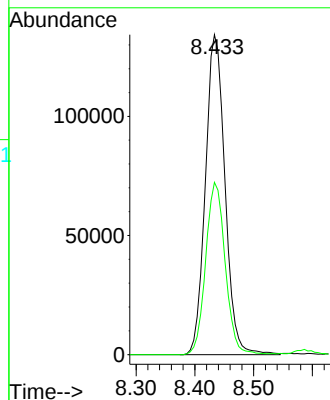
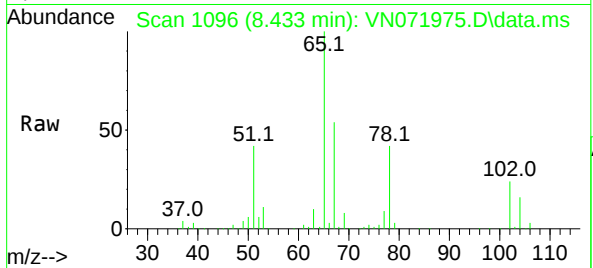
IBLK

Tgt Ion: 65 Resp: 310848

Ion Ratio Lower Upper

65 100

67 53.7 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN071975.D

Acq: 13 Apr 2022 14:52

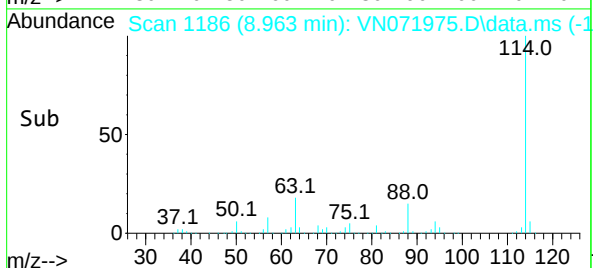
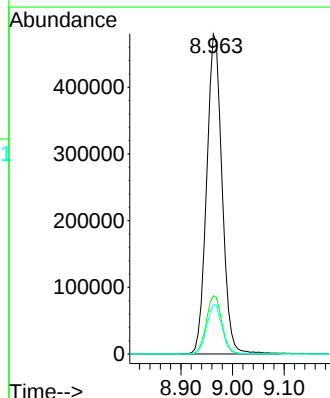
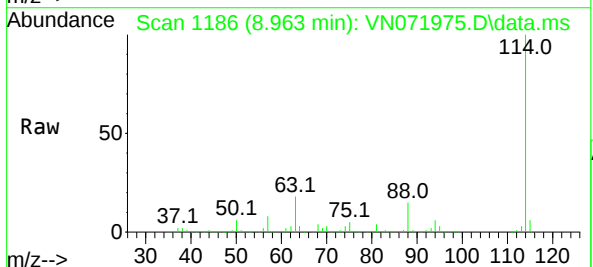
Tgt Ion: 114 Resp: 991902

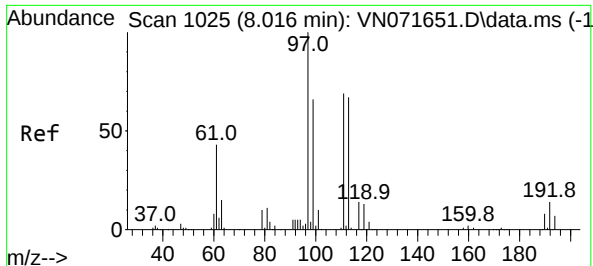
Ion Ratio Lower Upper

114 100

63 18.2 0.0 40.0

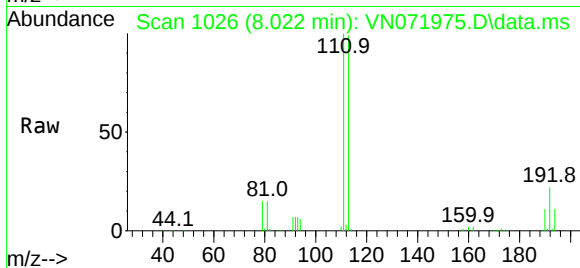
88 15.4 0.0 32.6



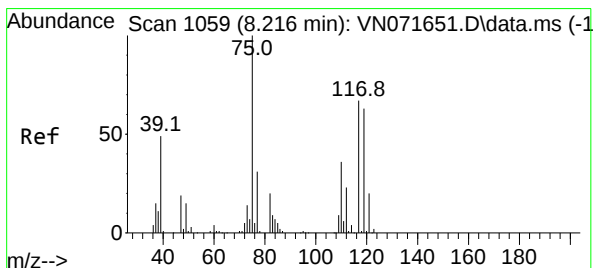
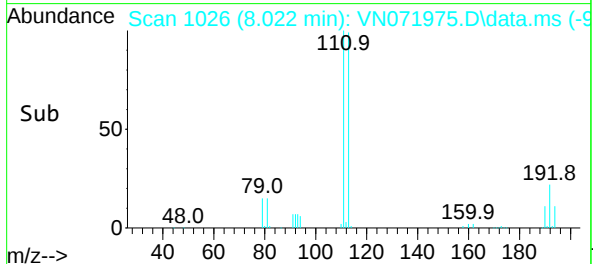
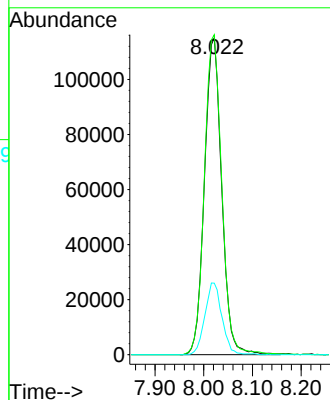


#35
Dibromofluoromethane
Concen: 48.322 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN071975.D
Acq: 13 Apr 2022 14:52

Instrument :
MSVOA_N
ClientSampleId :
IBLK

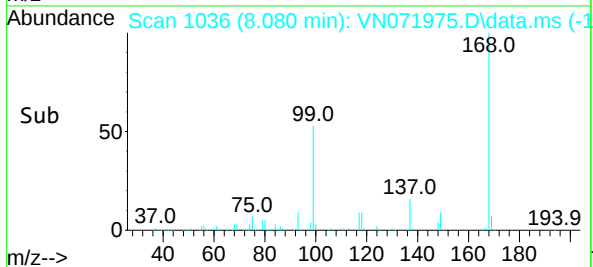
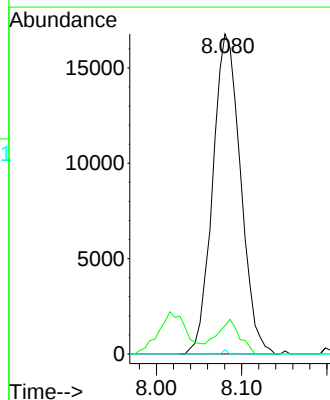
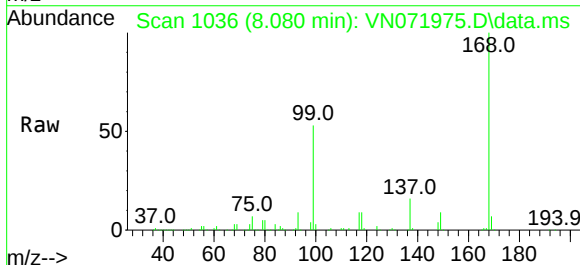


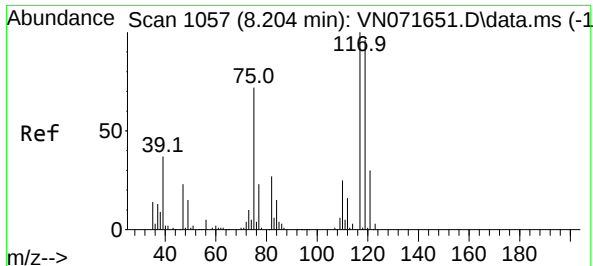
Tgt Ion:113 Resp: 282047
Ion Ratio Lower Upper
113 100
111 102.1 81.4 122.0
192 22.4 17.0 25.6



#36
1,1-Dichloropropene
Concen: 4.674 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.136 min
Lab File: VN071975.D
Acq: 13 Apr 2022 14:52

Tgt Ion: 75 Resp: 38098
Ion Ratio Lower Upper
75 100
110 8.7 18.3 54.8#
77 0.0 25.1 37.7#

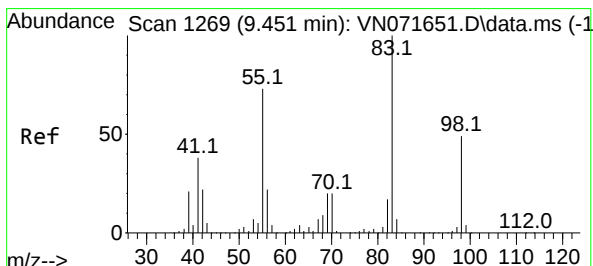
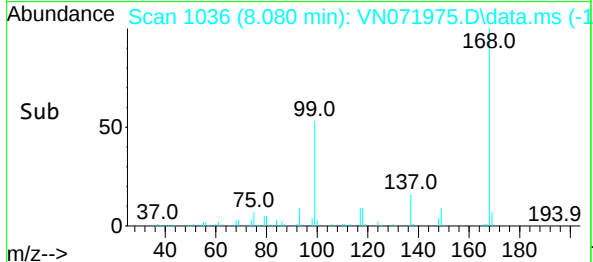
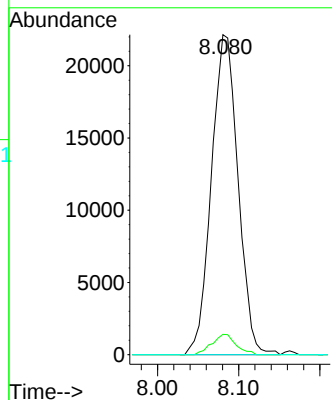
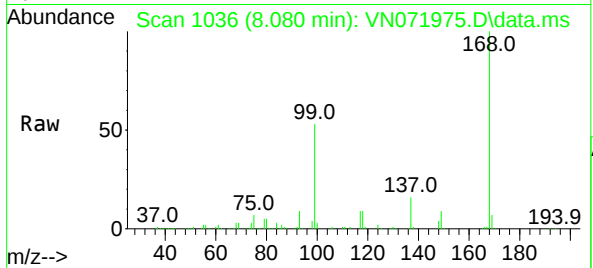




#38
Carbon Tetrachloride
Concen: 6.319 ug/l
RT: 8.080 min Scan# 117
Delta R.T. -0.124 min
Lab File: VN071975.D
Acq: 13 Apr 2022 14:52

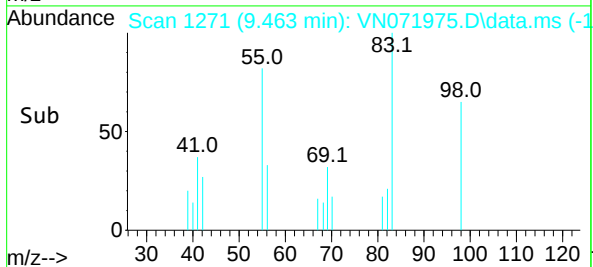
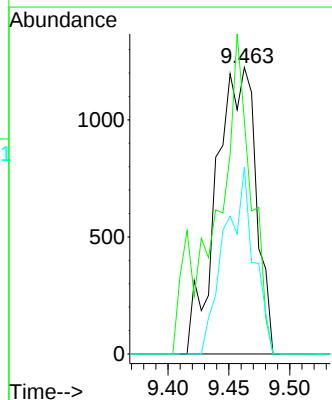
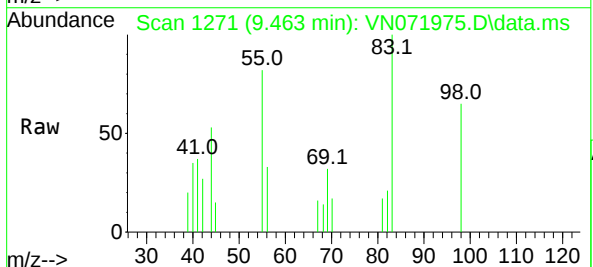
Instrument :
MSVOA_N
ClientSampleId :
IBLK

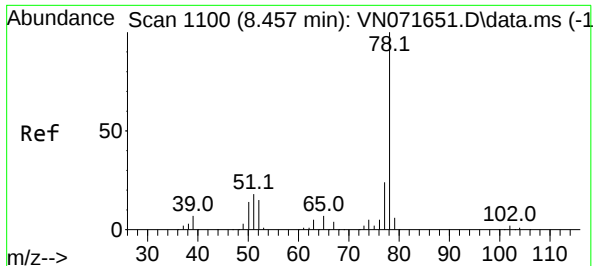
Tgt Ion:117 Resp: 50478
Ion Ratio Lower Upper
117 100
119 6.4 75.8 113.8#
121 0.0 24.6 37.0#



#39
Methylcyclohexane
Concen: 0.287 ug/l
RT: 9.463 min Scan# 1271
Delta R.T. 0.012 min
Lab File: VN071975.D
Acq: 13 Apr 2022 14:52

Tgt Ion: 83 Resp: 2780
Ion Ratio Lower Upper
83 100
55 81.5 57.8 86.8
98 65.3 39.4 59.2#

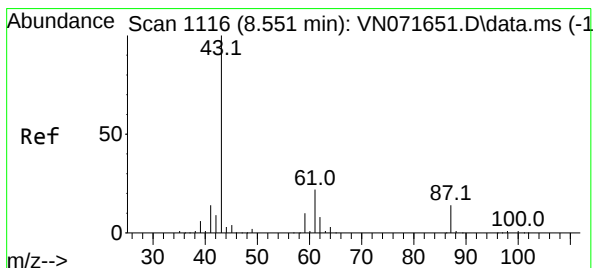
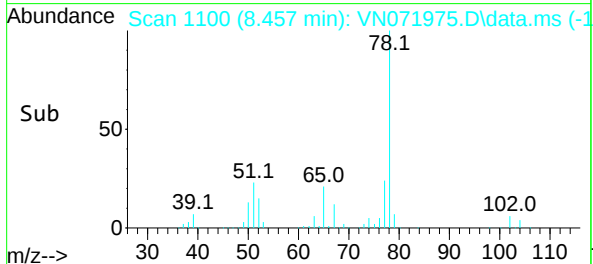
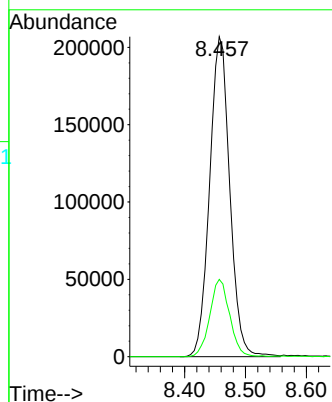
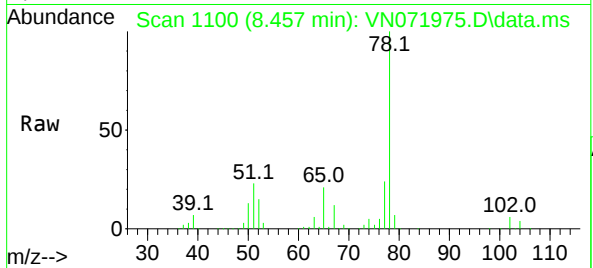




#40
Benzene
Concen: 18.468 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071975.D
Acq: 13 Apr 2022 14:52

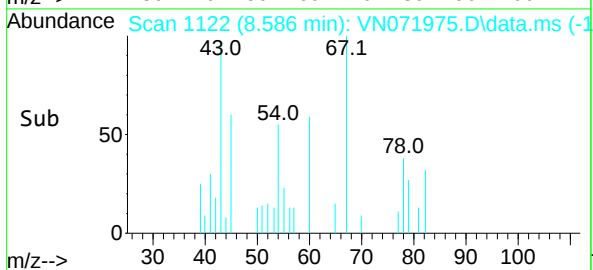
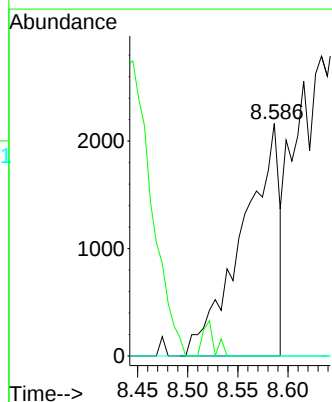
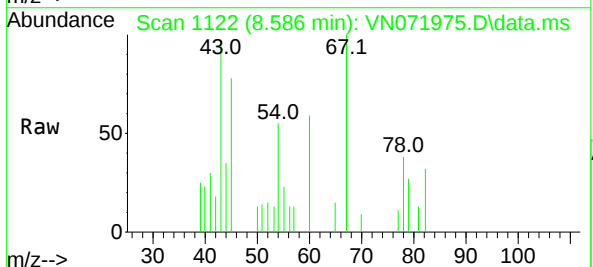
Instrument :
MSVOA_N
ClientSampleId :
IBLK

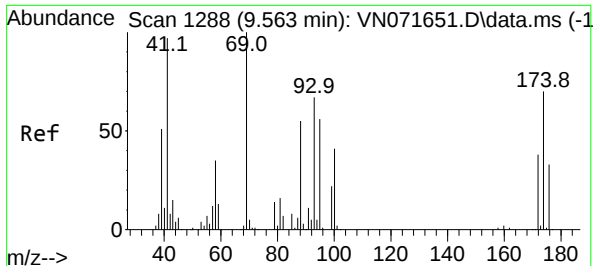
Tgt Ion: 78 Resp: 475529
Ion Ratio Lower Upper
78 100
77 24.2 19.4 29.0



#43
Isopropyl Acetate
Concen: 0.373 ug/l
RT: 8.586 min Scan# 1122
Delta R.T. 0.035 min
Lab File: VN071975.D
Acq: 13 Apr 2022 14:52

Tgt Ion: 43 Resp: 5535
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#





#49

1,4-Dioxane

Concen: Below Cal

RT: 9.586 min Scan# 1288

Delta R.T. 0.023 min

Lab File: VN071975.D

Acq: 13 Apr 2022 14:52

Instrument :

MSVOA_N

ClientSampleId :

IBLK

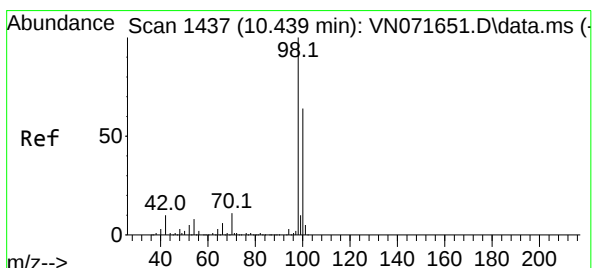
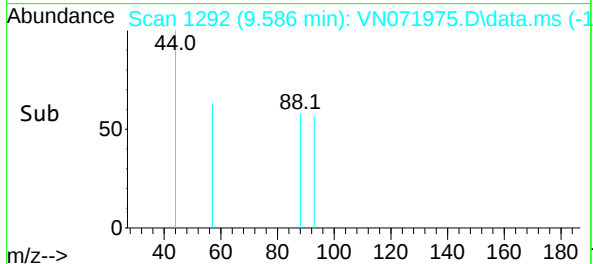
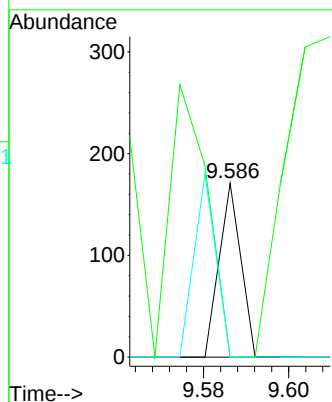
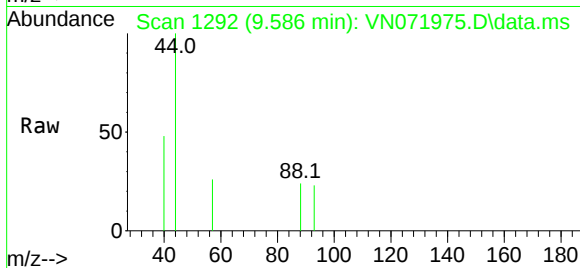
Tgt Ion: 88 Resp: 60

Ion Ratio Lower Upper

88 100

43 268.3 20.2 30.4#

58 106.7 54.2 81.4#



#50

Toluene-d8

Concen: 52.075 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN071975.D

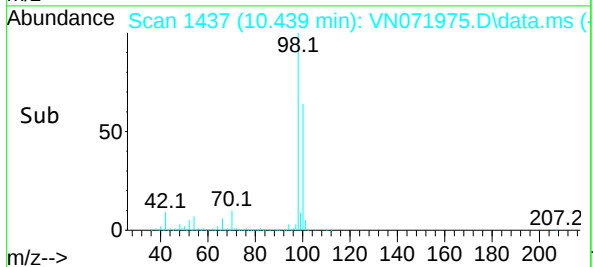
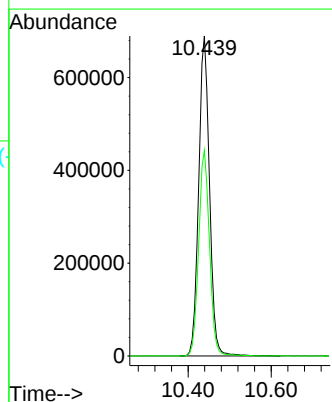
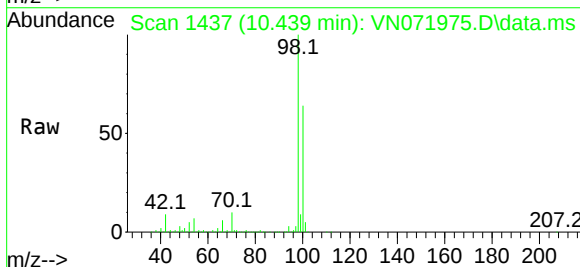
Acq: 13 Apr 2022 14:52

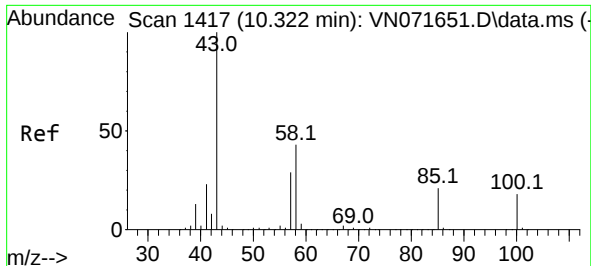
Tgt Ion: 98 Resp: 1243384

Ion Ratio Lower Upper

98 100

100 64.7 52.6 78.8

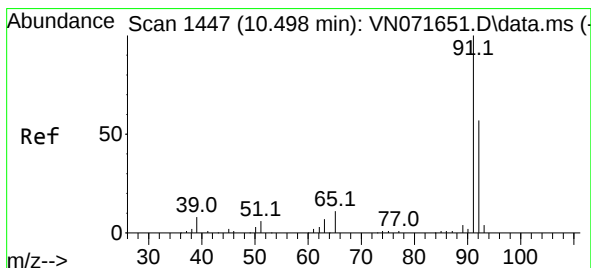
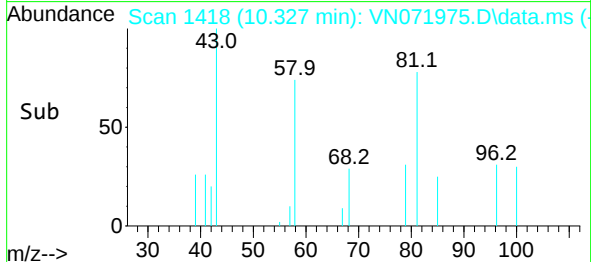
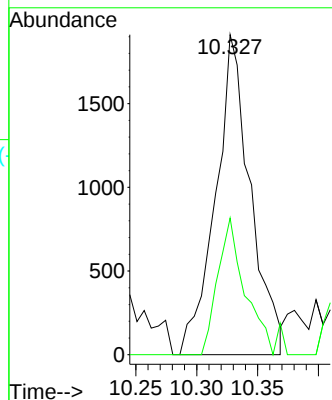
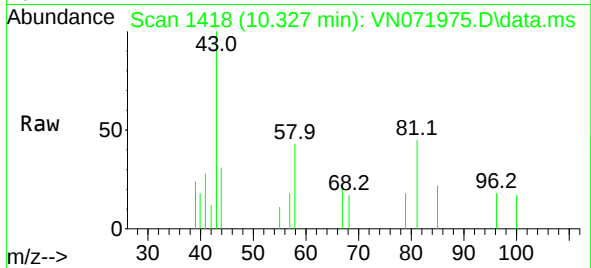




#51
4-Methyl-2-Pentanone
Concen: 0.447 ug/l
RT: 10.327 min Scan# 1417
Delta R.T. 0.005 min
Lab File: VN071975.D
Acq: 13 Apr 2022 14:52

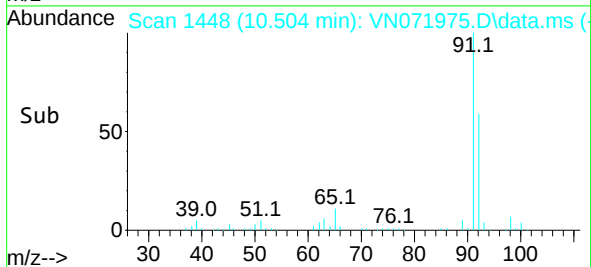
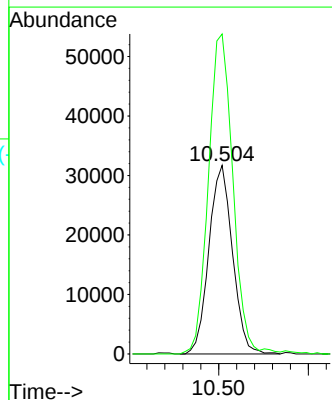
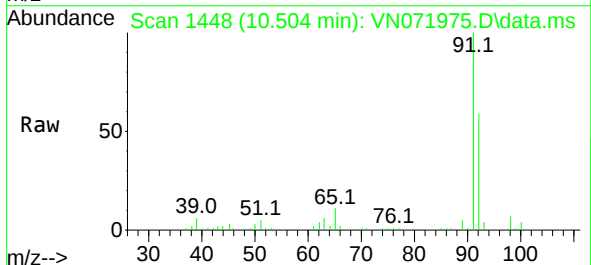
Instrument :
MSVOA_N
ClientSampleId :
IBLK

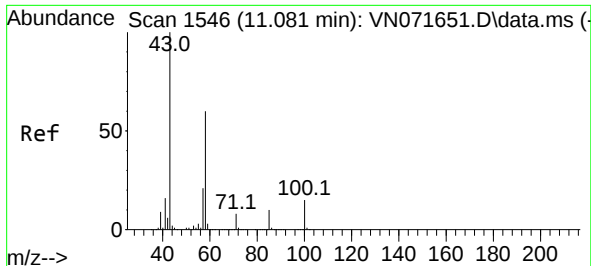
Tgt Ion: 43 Resp: 3811
Ion Ratio Lower Upper
43 100
58 33.3 34.1 51.1#



#52
Toluene
Concen: 3.555 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN071975.D
Acq: 13 Apr 2022 14:52

Tgt Ion: 92 Resp: 57869
Ion Ratio Lower Upper
92 100
91 175.9 138.6 207.8

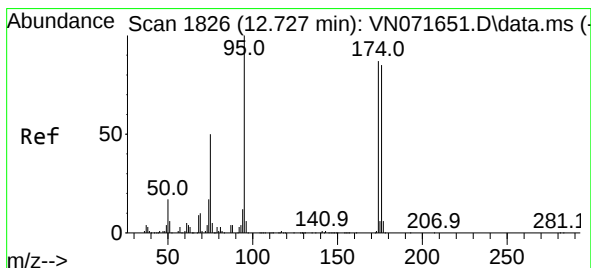
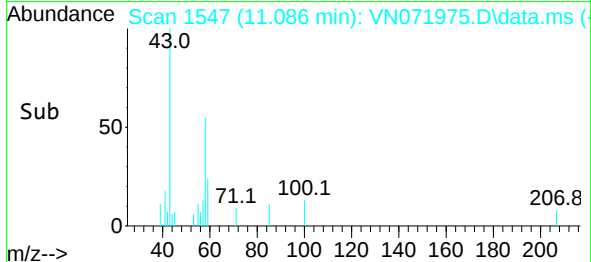
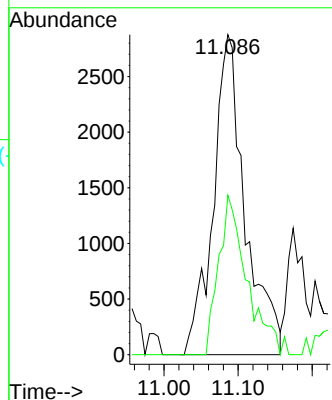
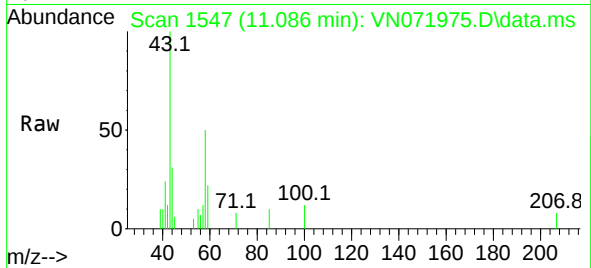




#59
2-Hexanone
Concen: 1.430 ug/l
RT: 11.086 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN071975.D
Acq: 13 Apr 2022 14:52

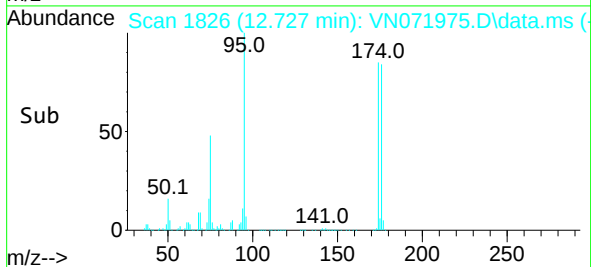
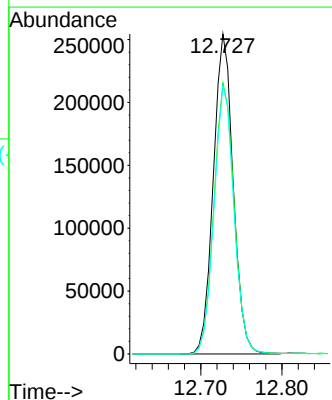
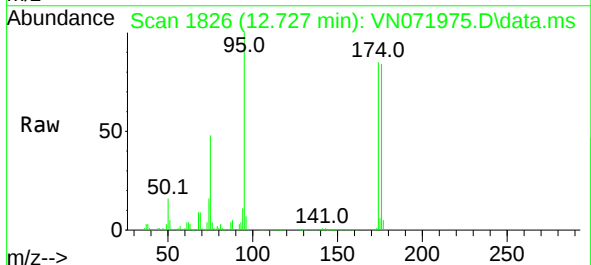
Instrument :
MSVOA_N
ClientSampleId :
IBLK

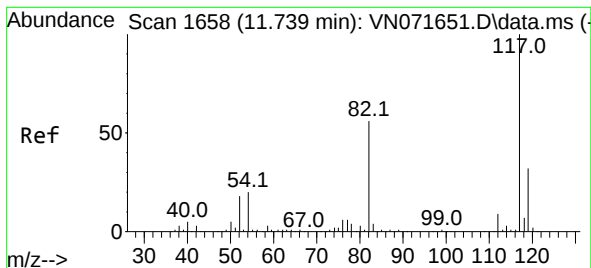
Tgt Ion: 43 Resp: 8590
Ion Ratio Lower Upper
43 100
58 44.5 29.7 89.1



#62
4-Bromofluorobenzene
Concen: 55.887 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071975.D
Acq: 13 Apr 2022 14:52

Tgt Ion: 95 Resp: 431566
Ion Ratio Lower Upper
95 100
174 86.8 0.0 167.6
176 84.2 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.739 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN071975.D

Acq: 13 Apr 2022 14:52

Instrument :

MSVOA_N

ClientSampleId :

IBLK

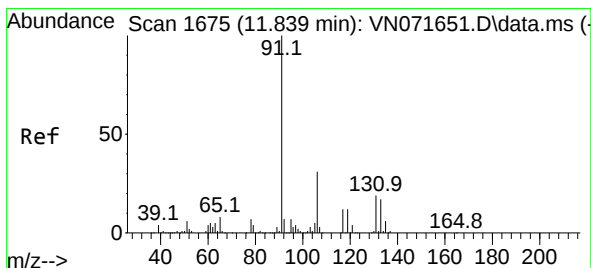
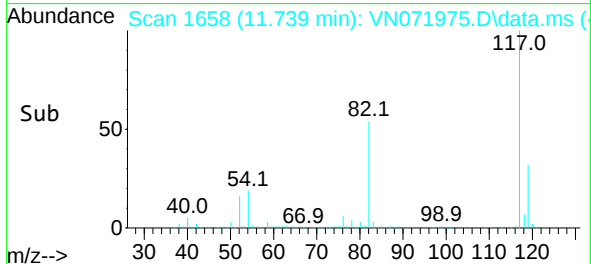
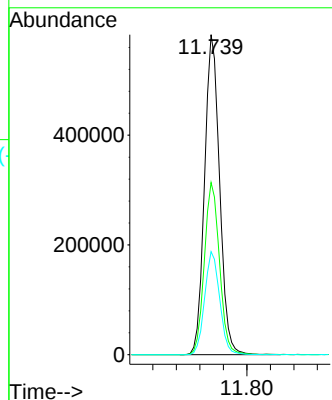
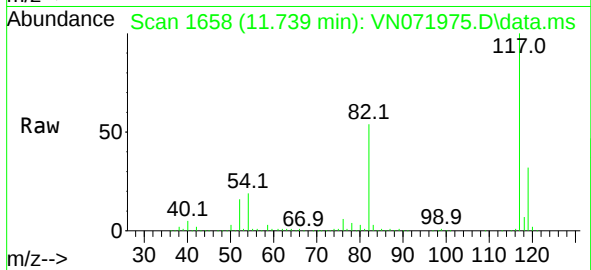
Tgt Ion:117 Resp: 1035555

Ion Ratio Lower Upper

117 100

82 53.8 44.2 66.2

119 32.2 25.4 38.0



#67

Ethyl Benzene

Concen: 7.389 ug/l

RT: 11.839 min Scan# 1675

Delta R.T. 0.000 min

Lab File: VN071975.D

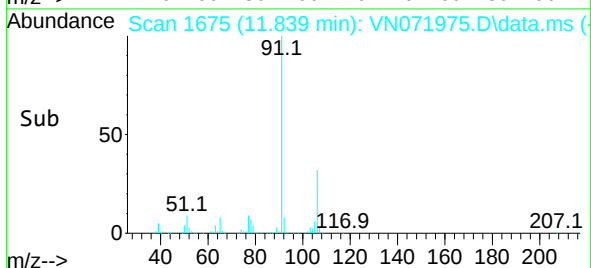
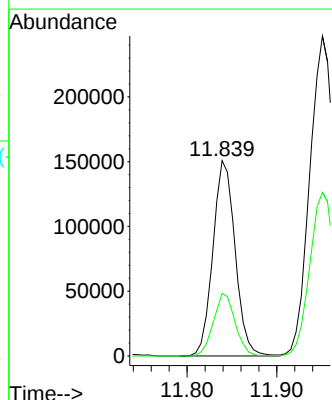
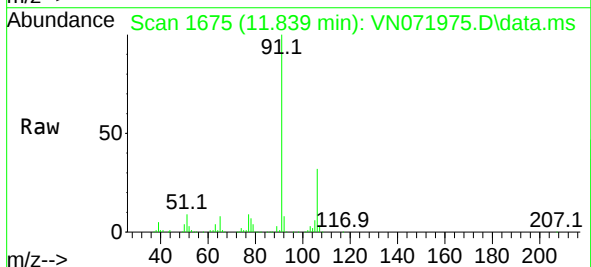
Acq: 13 Apr 2022 14:52

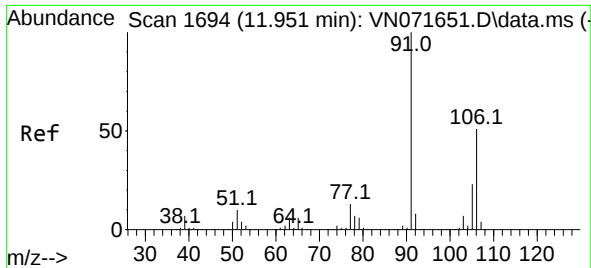
Tgt Ion: 91 Resp: 259368

Ion Ratio Lower Upper

91 100

106 32.0 24.9 37.3

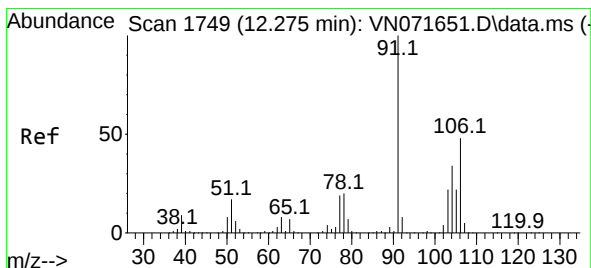
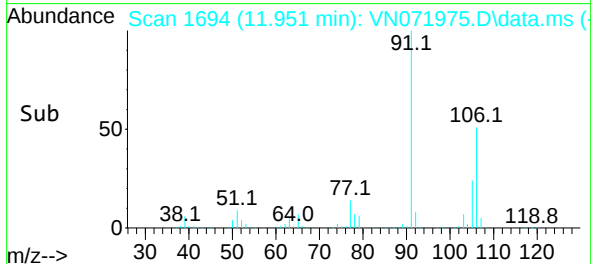
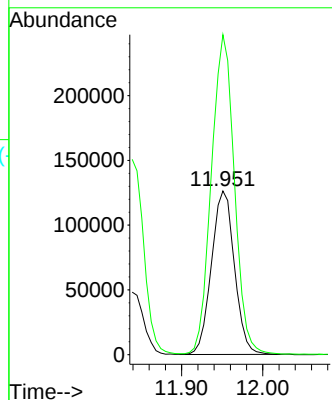
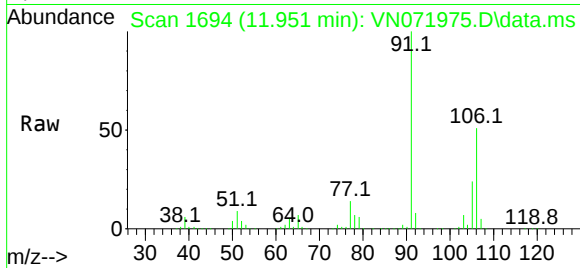




#68
m/p-Xylenes
Concen: 18.435 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN071975.D
Acq: 13 Apr 2022 14:52

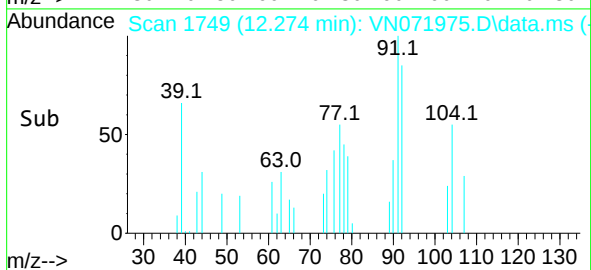
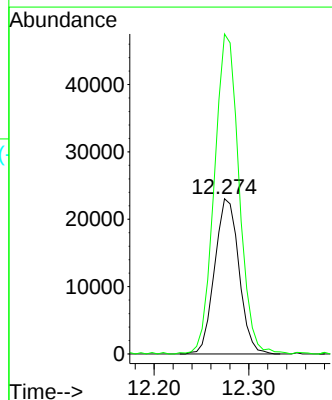
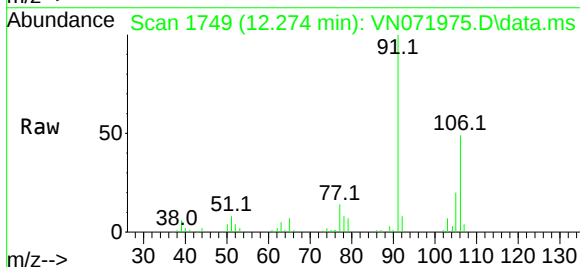
Instrument :
MSVOA_N
ClientSampleId :
IBLK

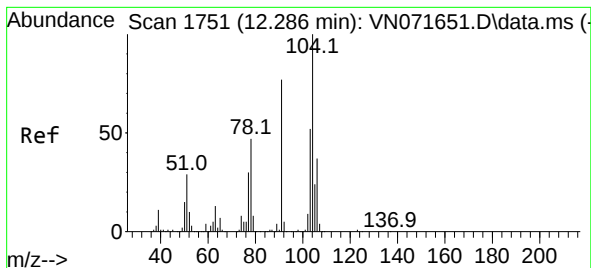
Tgt Ion:106 Resp: 248637
Ion Ratio Lower Upper
106 100
91 196.1 158.9 238.3



#69
o-Xylene
Concen: 3.072 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN071975.D
Acq: 13 Apr 2022 14:52

Tgt Ion:106 Resp: 41123
Ion Ratio Lower Upper
106 100
91 209.1 106.0 318.0





#70

Styrene

Concen: 0.213 ug/l

RT: 12.286 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN071975.D

Acq: 13 Apr 2022 14:52

Instrument :

MSVOA_N

ClientSampleId :

IBLK

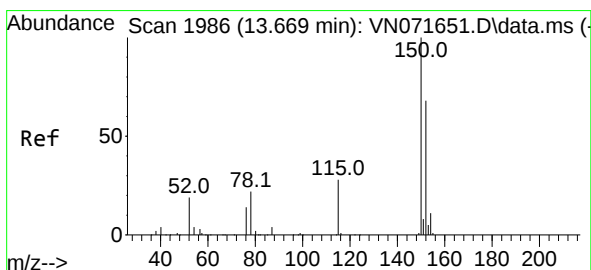
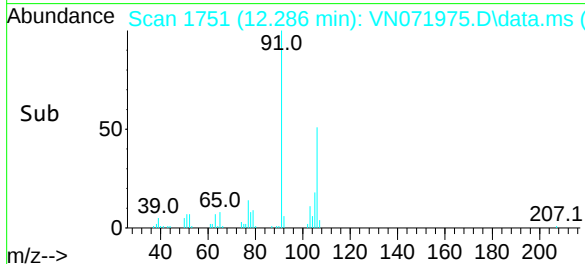
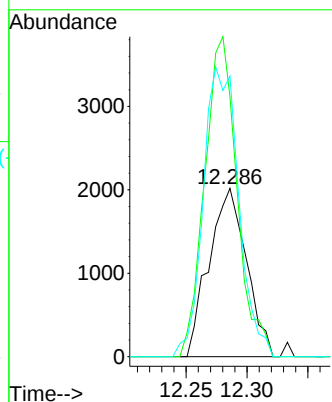
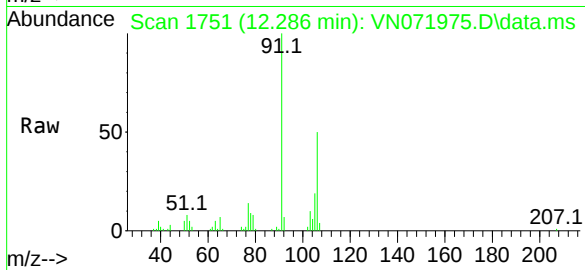
Tgt Ion:104 Resp: 4321

Ion Ratio Lower Upper

104 100

78 163.9 39.5 59.3#

103 162.6 44.0 66.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.674 min Scan# 1987

Delta R.T. 0.005 min

Lab File: VN071975.D

Acq: 13 Apr 2022 14:52

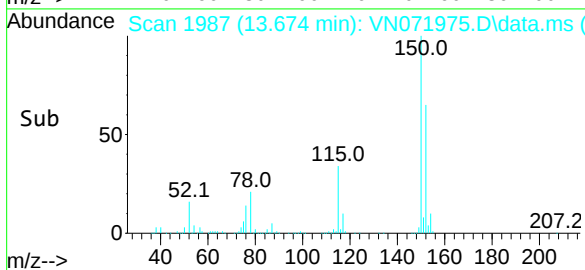
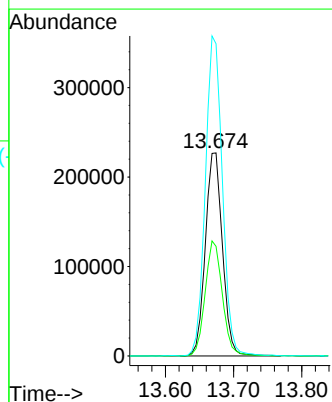
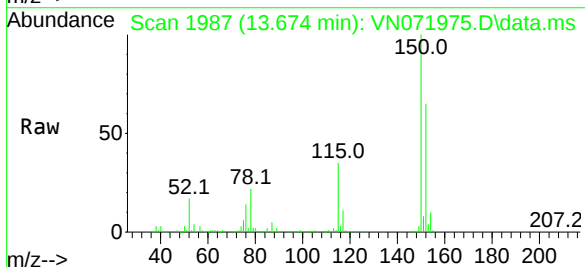
Tgt Ion:152 Resp: 397423

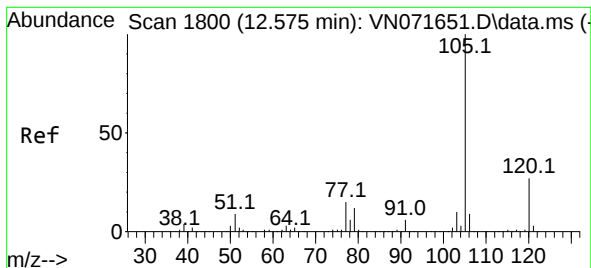
Ion Ratio Lower Upper

152 100

115 57.2 28.9 86.7

150 156.8 0.0 356.2





#73

Isopropylbenzene

Concen: 0.521 ug/l

RT: 12.574 min Scan# 11

Delta R.T. -0.001 min

Lab File: VN071975.D

Acq: 13 Apr 2022 14:52

Instrument :

MSVOA_N

ClientSampleId :

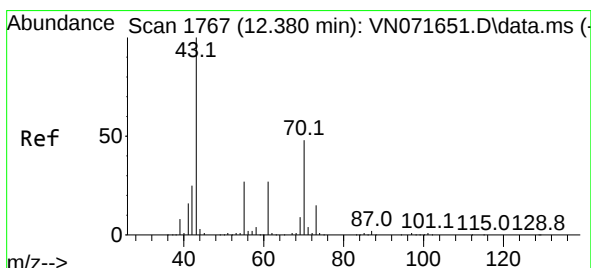
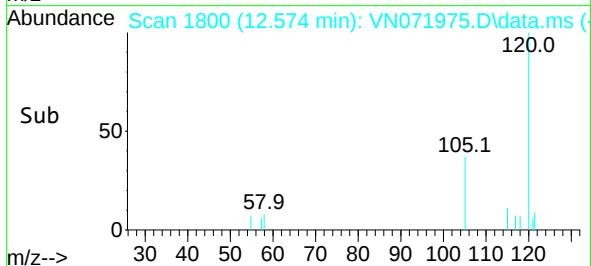
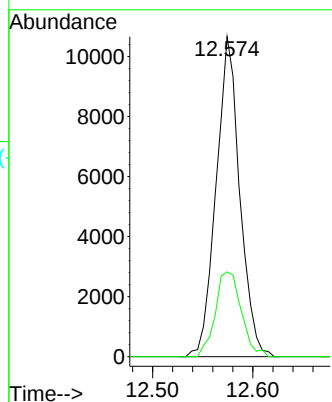
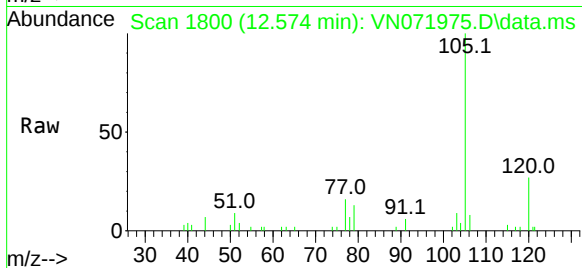
IBLK

Tgt Ion:105 Resp: 17437

Ion Ratio Lower Upper

105 100

120 29.1 13.5 40.4



#74

N-ethyl acetate

Concen: 0.486 ug/l

RT: 12.386 min Scan# 1768

Delta R.T. 0.006 min

Lab File: VN071975.D

Acq: 13 Apr 2022 14:52

Tgt Ion: 43 Resp: 4665

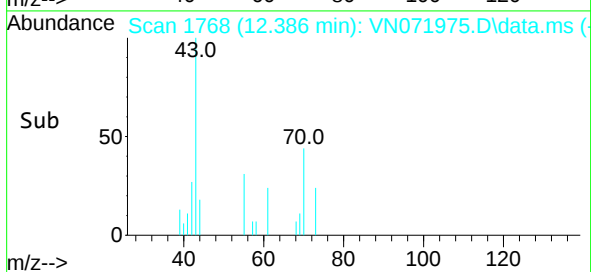
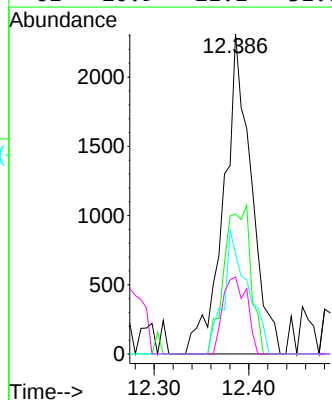
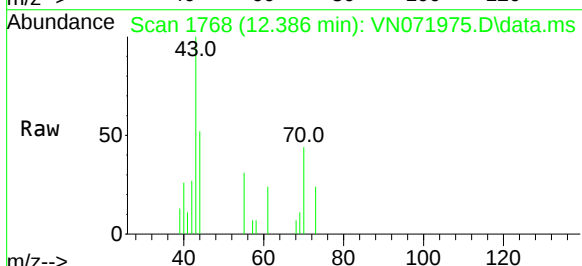
Ion Ratio Lower Upper

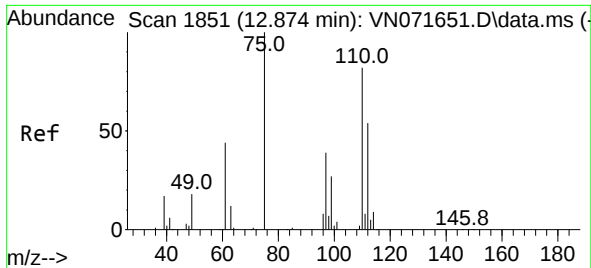
43 100

70 44.6 39.0 58.4

55 33.8 21.1 31.7#

61 20.9 21.1 31.7#

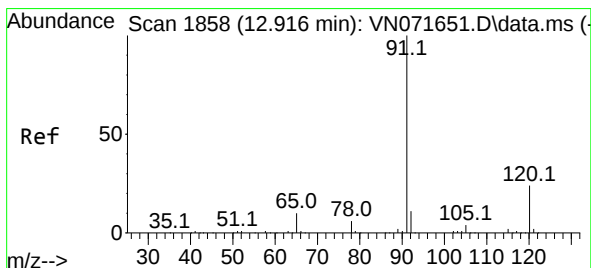
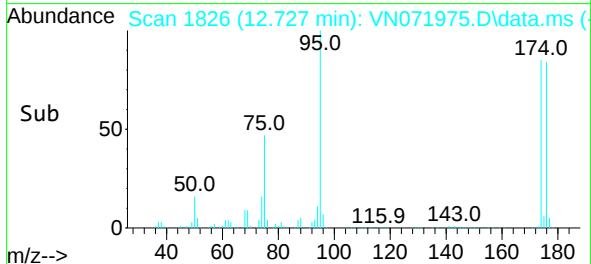
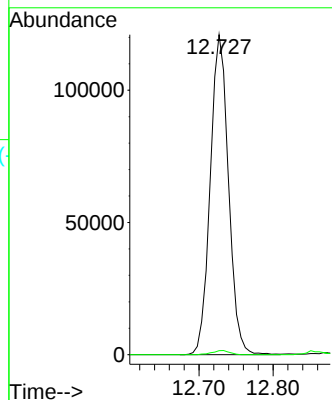
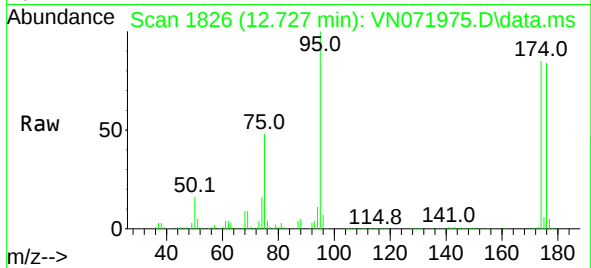




#76
1,2,3-Trichloropropane
Concen: 22.481 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071975.D
Acq: 13 Apr 2022 14:52

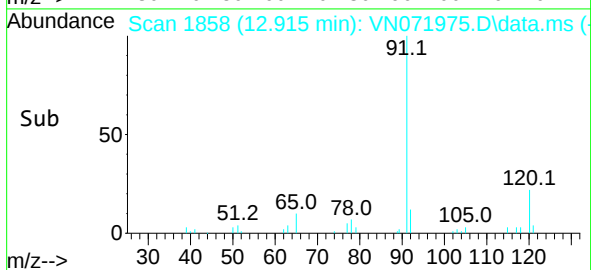
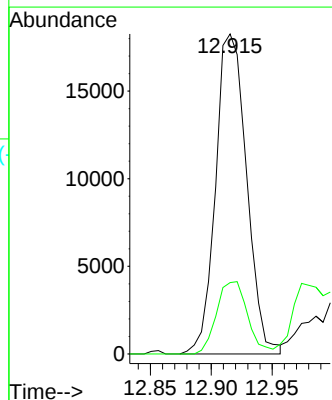
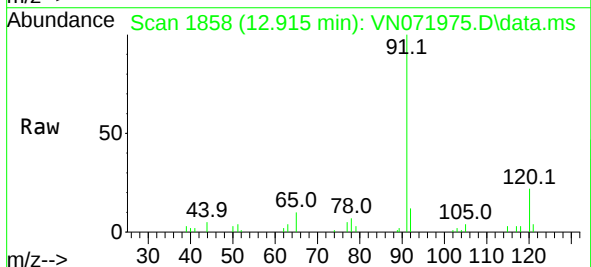
Instrument :
MSVOA_N
ClientSampleId :
IBLK

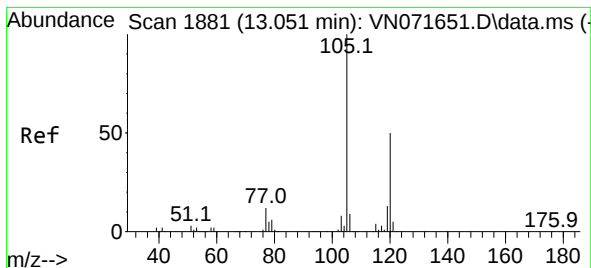
Tgt Ion: 75 Resp: 206976
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#



#78
n-propylbenzene
Concen: 0.920 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.001 min
Lab File: VN071975.D
Acq: 13 Apr 2022 14:52

Tgt Ion: 91 Resp: 32403
Ion Ratio Lower Upper
91 100
120 22.7 11.9 35.5





#80

1,3,5-Trimethylbenzene

Concen: 1.102 ug/l

RT: 13.057 min Scan# 1881

Delta R.T. 0.006 min

Lab File: VN071975.D

Acq: 13 Apr 2022 14:52

Instrument :

MSVOA_N

ClientSampleId :

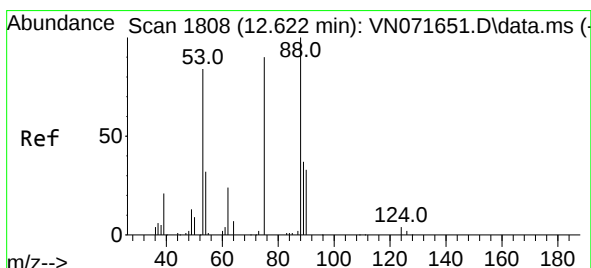
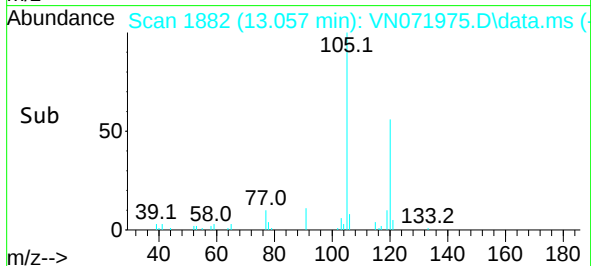
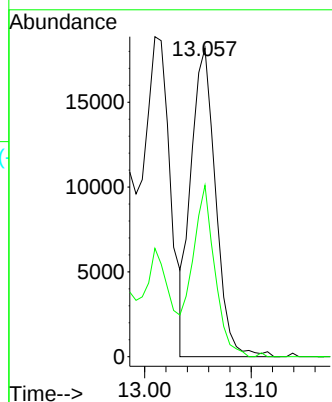
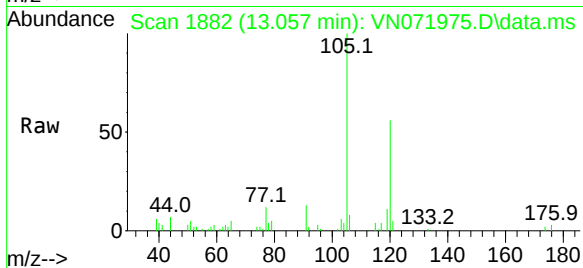
IBLK

Tgt Ion:105 Resp: 29244

Ion Ratio Lower Upper

105 100

120 50.2 24.9 74.7



#81

trans-1,4-Dichloro-2-butene

Concen: 69.669 ug/l

RT: 12.727 min Scan# 1826

Delta R.T. 0.105 min

Lab File: VN071975.D

Acq: 13 Apr 2022 14:52

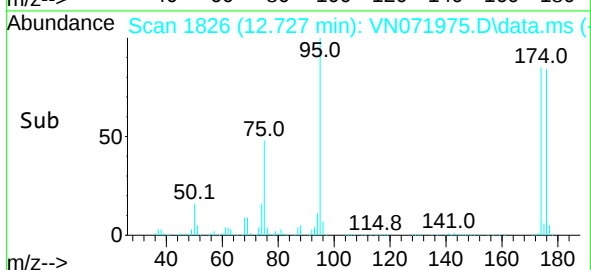
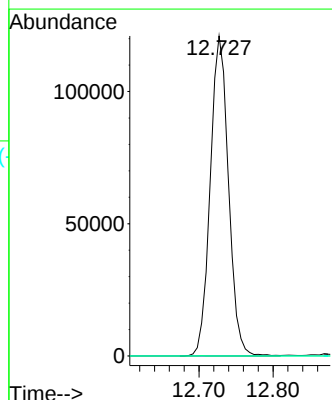
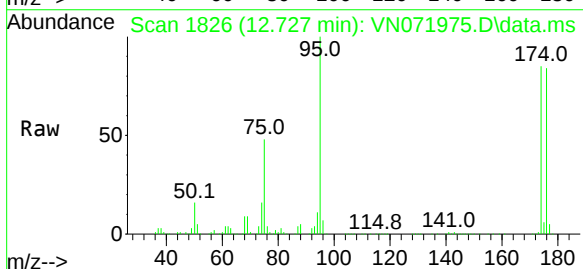
Tgt Ion: 75 Resp: 206976

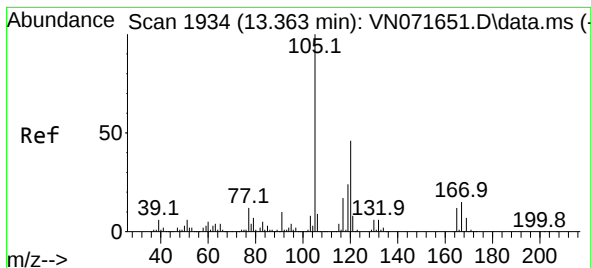
Ion Ratio Lower Upper

75 100

53 0.0 78.0 117.0#

89 0.0 37.2 55.8#





#84

1,2,4-Trimethylbenzene

Concen: 5.393 ug/l

RT: 13.362 min Scan# 1934

Delta R.T. -0.001 min

Lab File: VN071975.D

Acq: 13 Apr 2022 14:52

Instrument :

MSVOA_N

ClientSampleId :

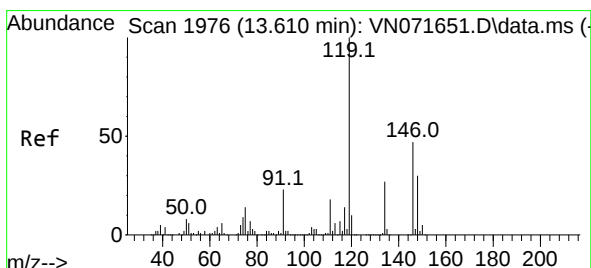
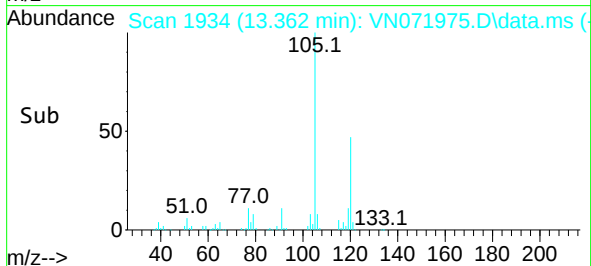
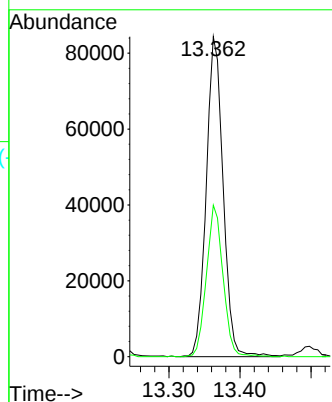
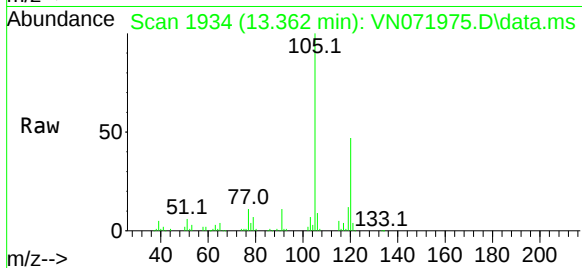
IBLK

Tgt Ion:105 Resp: 139631

Ion Ratio Lower Upper

105 100

120 46.6 23.3 69.8



#87

1,3-Dichlorobenzene

Concen: 0.245 ug/l

RT: 13.609 min Scan# 1976

Delta R.T. -0.001 min

Lab File: VN071975.D

Acq: 13 Apr 2022 14:52

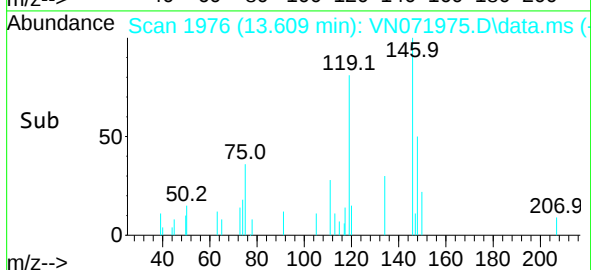
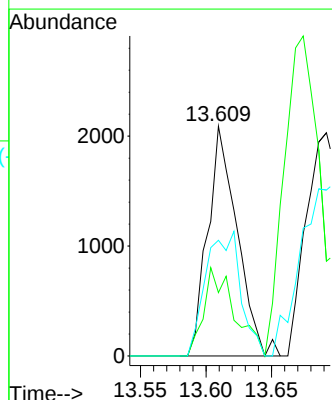
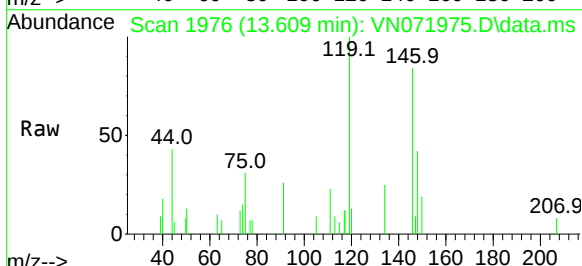
Tgt Ion:146 Resp: 3275

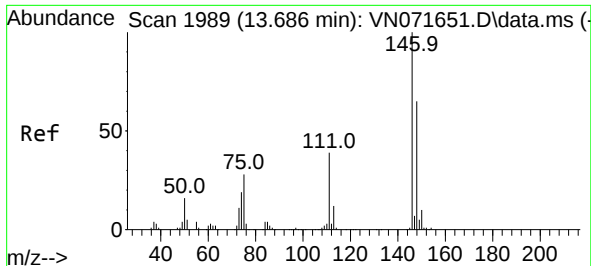
Ion Ratio Lower Upper

146 100

111 39.8 20.0 60.0

148 63.7 32.0 96.0

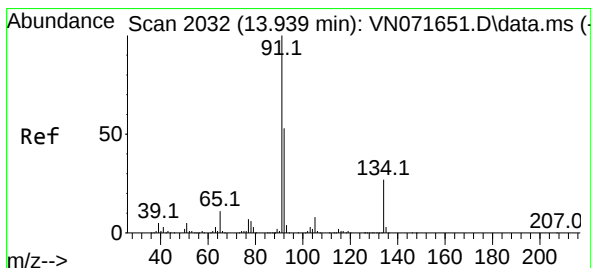
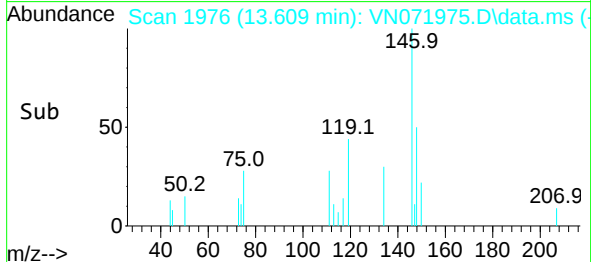
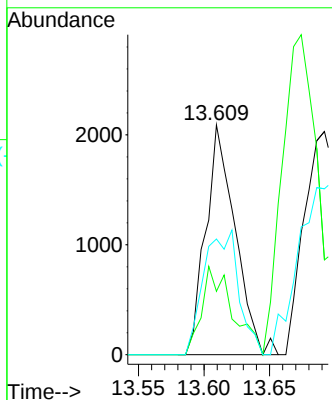
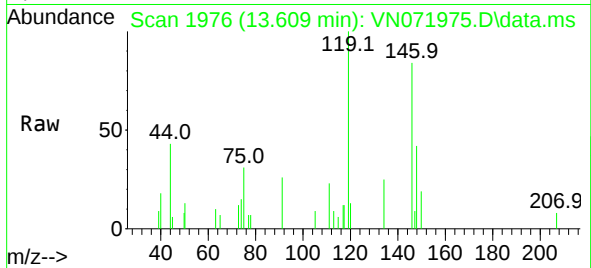




#88
 1,4-Dichlorobenzene
 Concen: 0.251 ug/l
 RT: 13.609 min Scan# 1989
 Delta R.T. -0.077 min
 Lab File: VN071975.D
 Acq: 13 Apr 2022 14:52

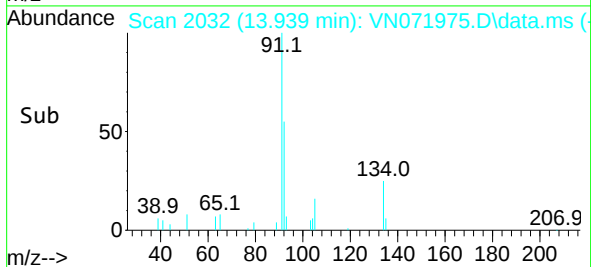
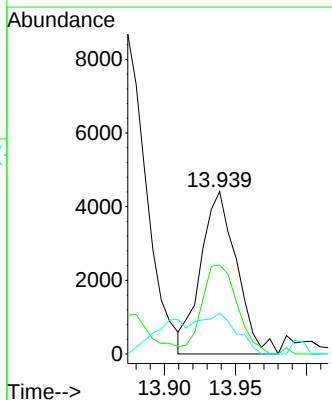
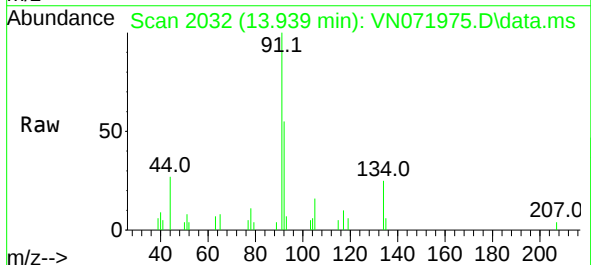
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

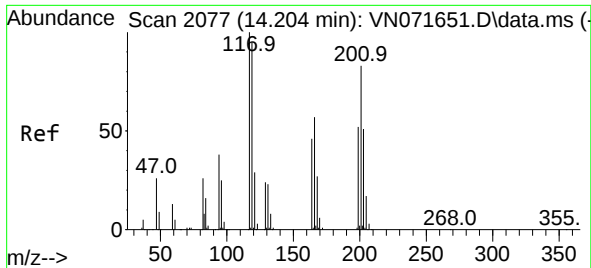
Tgt Ion:146 Resp: 3275
 Ion Ratio Lower Upper
 146 100
 111 39.8 19.1 57.1
 148 63.7 31.4 94.3



#89
 n-Butylbenzene
 Concen: 0.417 ug/l
 RT: 13.939 min Scan# 2032
 Delta R.T. -0.000 min
 Lab File: VN071975.D
 Acq: 13 Apr 2022 14:52

Tgt Ion: 91 Resp: 7752
 Ion Ratio Lower Upper
 91 100
 92 54.3 26.9 80.7
 134 23.4 13.6 40.8

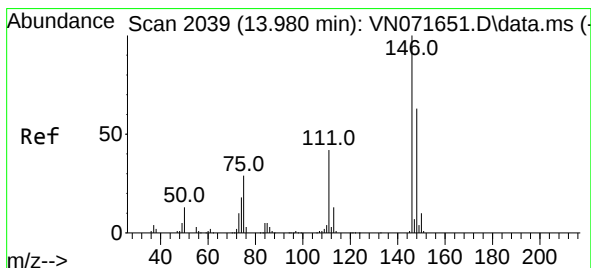
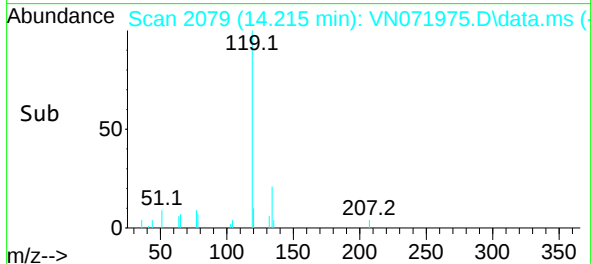
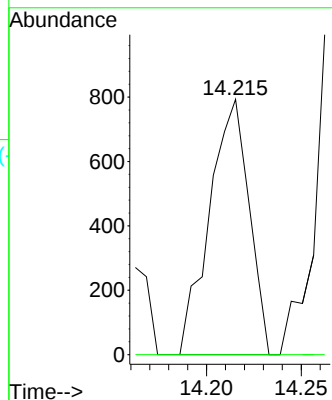
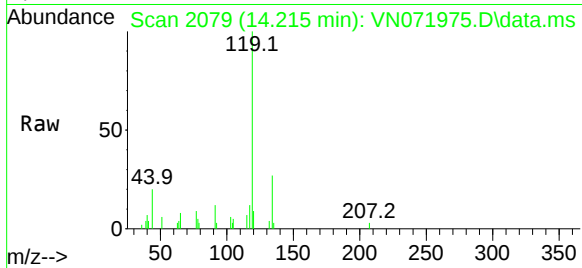




#90
Hexachloroethane
Concen: 0.252 ug/l
RT: 14.215 min Scan# 2077
Delta R.T. 0.011 min
Lab File: VN071975.D
Acq: 13 Apr 2022 14:52

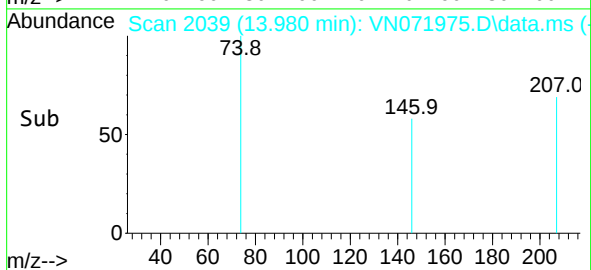
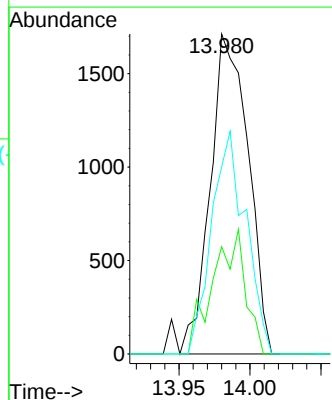
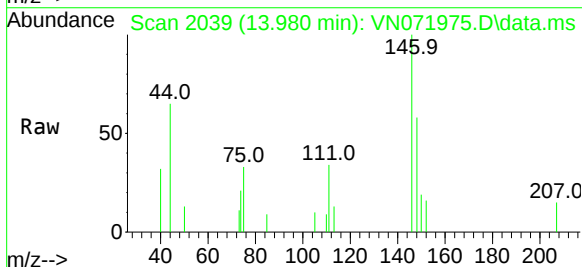
Instrument :
MSVOA_N
ClientSampleId :
IBLK

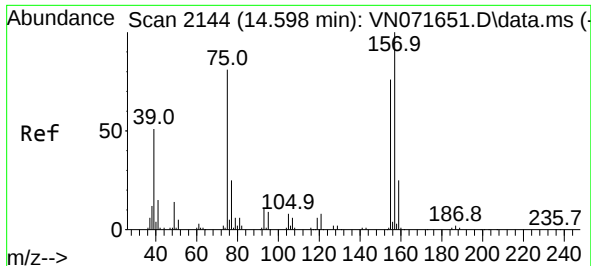
Tgt Ion:117 Resp: 1155
Ion Ratio Lower Upper
117 100
201 0.0 40.6 122.0#



#91
1,2-Dichlorobenzene
Concen: 0.241 ug/l
RT: 13.980 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN071975.D
Acq: 13 Apr 2022 14:52

Tgt Ion:146 Resp: 3170
Ion Ratio Lower Upper
146 100
111 33.5 20.9 62.8
148 62.8 32.1 96.3





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.356 ug/l

RT: 14.598 min Scan# 2144

Delta R.T. -0.000 min

Lab File: VN071975.D

Acq: 13 Apr 2022 14:52

Instrument :

MSVOA_N

ClientSampleId :

IBLK

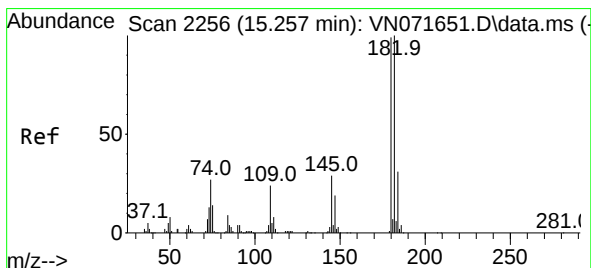
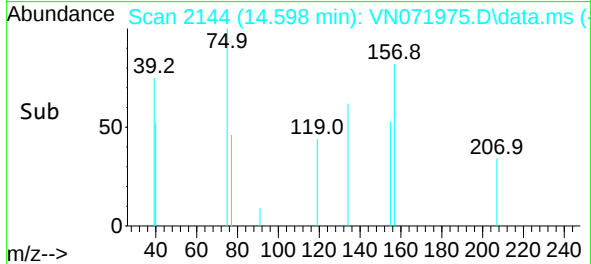
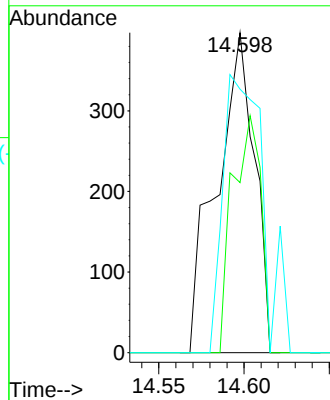
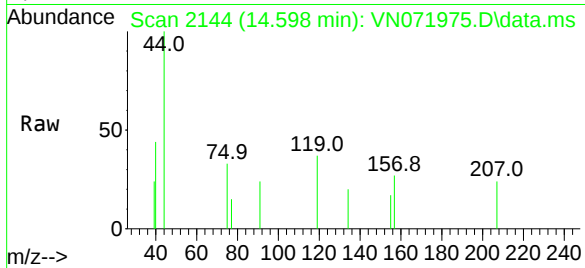
Tgt Ion: 75 Resp: 617

Ion Ratio Lower Upper

75 100

155 54.8 44.9 134.5

157 91.4 59.0 176.8



#93

1,2,4-Trichlorobenzene

Concen: 2.940 ug/l

RT: 15.256 min Scan# 2256

Delta R.T. -0.001 min

Lab File: VN071975.D

Acq: 13 Apr 2022 14:52

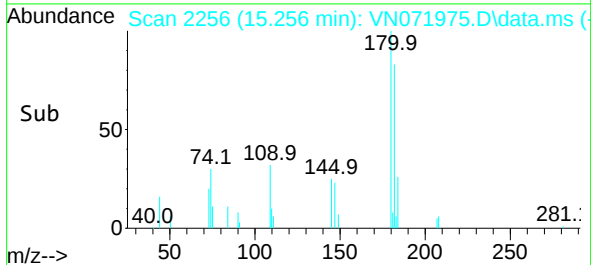
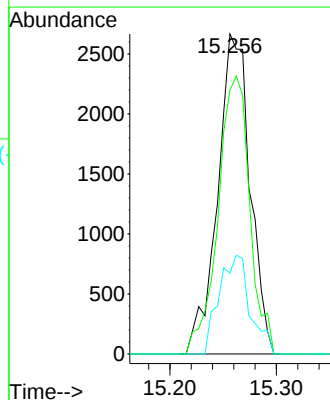
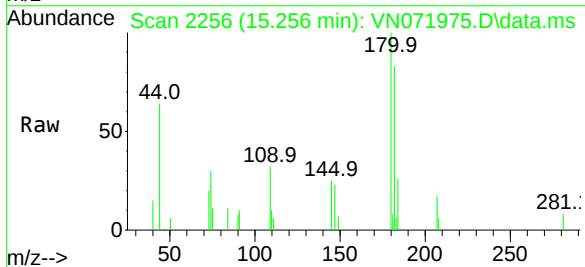
Tgt Ion: 180 Resp: 5637

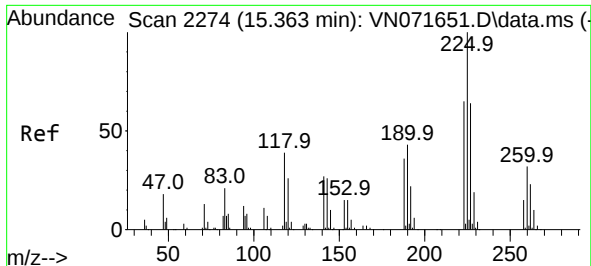
Ion Ratio Lower Upper

180 100

182 84.8 47.5 142.5

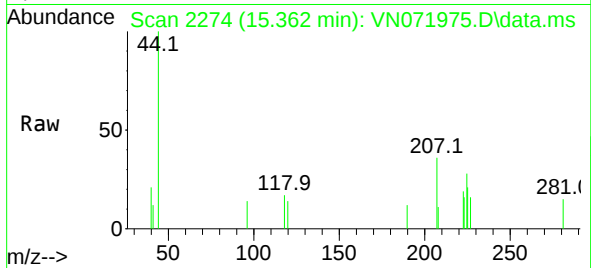
145 29.5 14.5 43.5



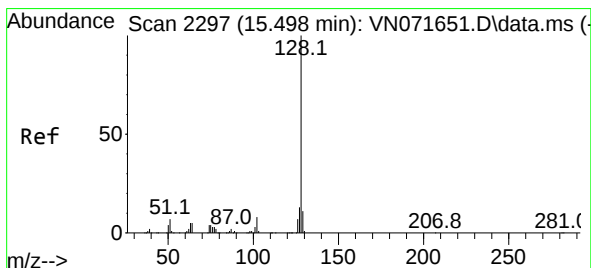
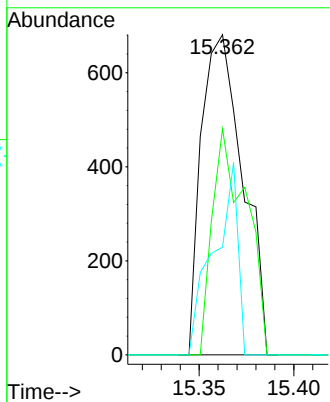
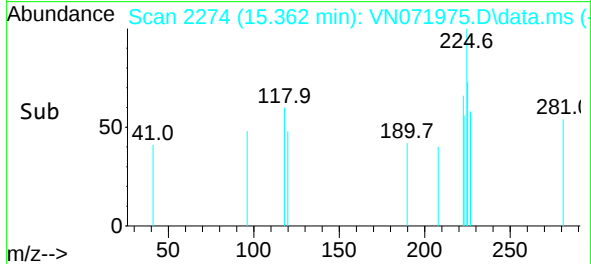


#94
Hexachlorobutadiene
Concen: 0.269 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. -0.001 min
Lab File: VN071975.D
Acq: 13 Apr 2022 14:52

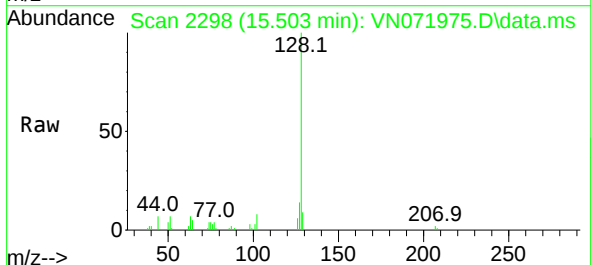
Instrument :
MSVOA_N
ClientSampleId :
IBLK



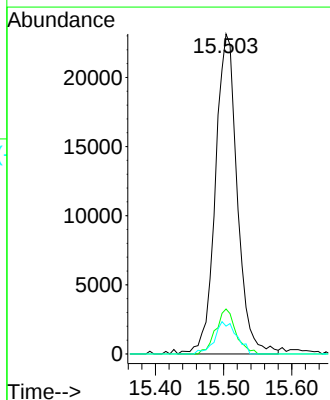
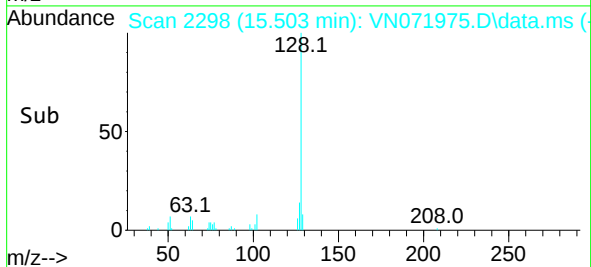
Tgt Ion:225 Resp: 1040
Ion Ratio Lower Upper
225 100
223 57.9 32.4 97.2
227 34.9 31.8 95.4

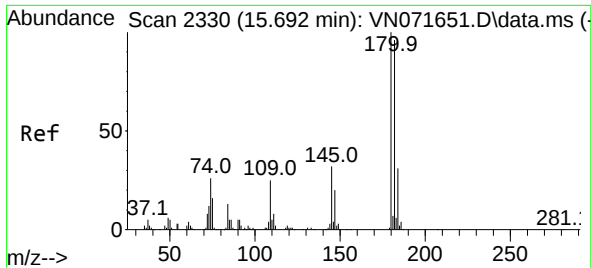


#95
Naphthalene
Concen: 6.445 ug/l
RT: 15.503 min Scan# 2298
Delta R.T. 0.005 min
Lab File: VN071975.D
Acq: 13 Apr 2022 14:52



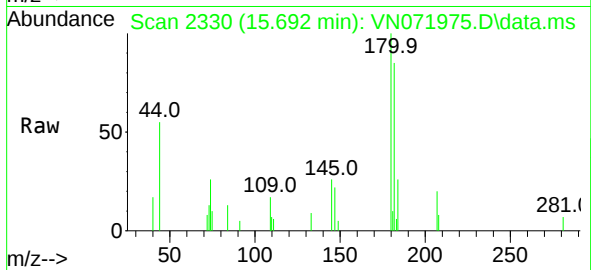
Tgt Ion:128 Resp: 51746
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.1 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 3.397 ug/l
 RT: 15.692 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN071975.D
 Acq: 13 Apr 2022 14:52

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK



Tgt Ion:	180	Resp:	6328
Ion	Ratio	Lower	Upper
180	100		
182	88.8	47.8	143.3
145	28.3	15.5	46.5

