

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101422\
 Data File : VN074906.D
 Acq On : 14 Oct 2022 12:23
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Oct 17 01:56:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101422W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 17 01:40:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	401764	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	698873	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	682728	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	324626	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	461184	47.405	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.820%
35) Dibromofluoromethane	8.177	113	350671	46.195	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.380%
50) Toluene-d8	10.571	98	1474366	47.079	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.160%
62) 4-Bromofluorobenzene	12.853	95	379545	37.205	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	74.400%#

Target Compounds				Qvalue		
3) Chloromethane	2.383	50	4778	Below Cal		97
5) Bromomethane	2.959	94	5272	0.406	ug/l #	74
11) Tert butyl alcohol	5.530	59	660	0.276	ug/l #	83
12) 1,1-Dichloroethene	4.359	96	1447	0.209	ug/l #	49
13) Acrolein	4.212	56	2496	0.985	ug/l #	67
15) Acrylonitrile	5.765	53	6390	1.091	ug/l #	59
16) Acetone	4.483	43	4958	0.989	ug/l	97
17) Carbon Disulfide	4.724	76	10146	0.578	ug/l	97
18) Methyl Acetate	5.048	43	5671	0.316	ug/l #	65
20) Methylene Chloride	5.289	84	2033	Below Cal	#	49
25) 2-Butanone	7.500	43	3001	0.363	ug/l #	56
29) Tetrahydrofuran	7.859	42	1944	0.359	ug/l #	81
36) 1,1-Dichloropropene	8.388	75	2312	0.208	ug/l #	70
38) Carbon Tetrachloride	8.230	117	43951	4.178	ug/l #	17
44) Trichloroethene	9.347	130	1775	0.232	ug/l	41
49) 1,4-Dioxane	9.700	88	462	2.141	ug/l #	50
51) 4-Methyl-2-Pentanone	10.447	43	6614	0.405	ug/l	99
59) 2-Hexanone	11.194	43	12873	1.078	ug/l	83
64) Tetrachloroethene	11.106	164	2157	Below Cal	#	70
65) Chlorobenzene	11.894	112	6867	0.349	ug/l #	57
68) m/p-Xylenes	12.065	106	7572	0.563	ug/l #	68
69) o-Xylene	12.406	106	2960	0.215	ug/l	70
70) Styrene	12.412	104	5927	0.272	ug/l #	81
74) N-amyl acetate	12.500	43	8355	0.533	ug/l #	95
76) 1,2,3-Trichloropropane	12.853	75	215779	22.579	ug/l #	1
77) Bromobenzene	12.988	156	4088	0.639	ug/l	56
78) n-propylbenzene	13.041	91	13280	0.403	ug/l	94
79) 2-Chlorotoluene	13.129	91	7533	0.382	ug/l	82
80) 1,3,5-Trimethylbenzene	13.176	105	6121	0.261	ug/l	78
81) trans-1,4-Dichloro-2-b...	12.853	75	215779	63.193	ug/l #	7
82) 4-Chlorotoluene	13.218	91	8802	0.478	ug/l	99
83) tert-Butylbenzene	13.435	119	4810	0.237	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	7360	0.319	ug/l	98
85) sec-Butylbenzene	13.618	105	8016	0.274	ug/l	91
86) p-Isopropyltoluene	13.735	119	6726	0.289	ug/l	93
87) 1,3-Dichlorobenzene	13.735	146	7210	0.601	ug/l	72

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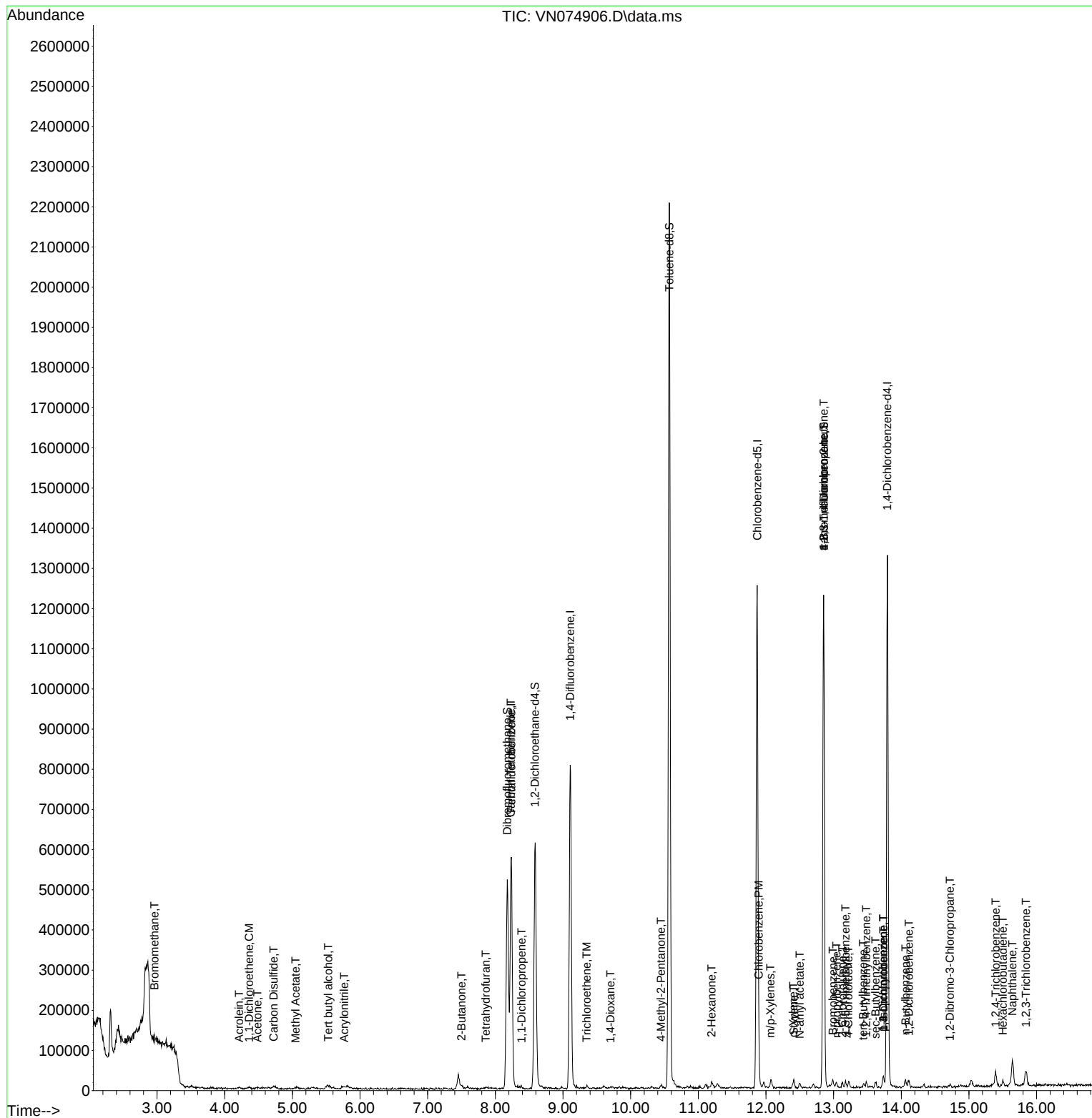
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) 1,4-Dichlorobenzene	13.735	146	7210	0.609	ug/l	73
89) n-Butylbenzene	14.065	91	10619	0.536	ug/l	96
90) Hexachloroethane	14.323	117	1357	Below Cal		68
91) 1,2-Dichlorobenzene	14.112	146	7957	0.639	ug/l	88
92) 1,2-Dibromo-3-Chloropr...	14.717	75	534	0.252	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.394	180	11588	2.058	ug/l	95
94) Hexachlorobutadiene	15.500	225	2091	0.773	ug/l	73
95) Naphthalene	15.641	128	69463	3.447	ug/l	97
96) 1,2,3-Trichlorobenzene	15.841	180	14874	2.789	ug/l	65

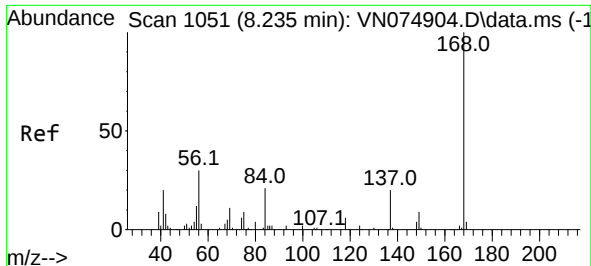
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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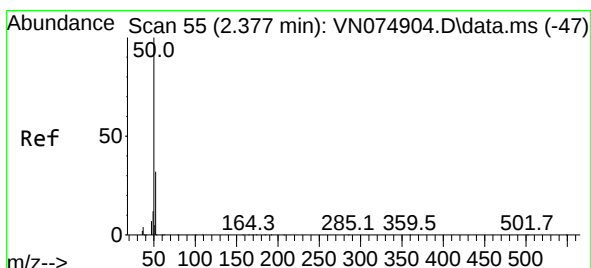
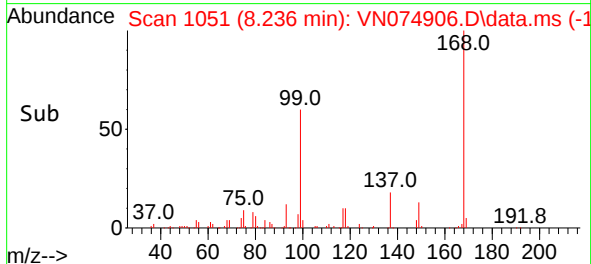
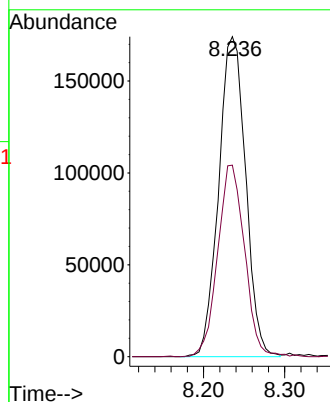
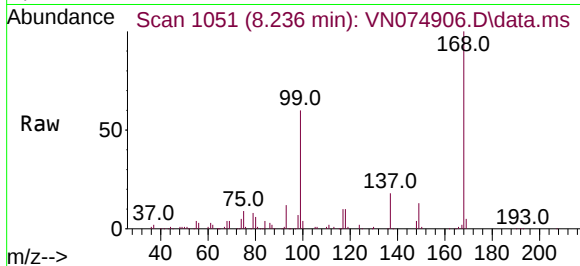




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1051
Delta R.T. 0.001 min
Lab File: VN074906.D
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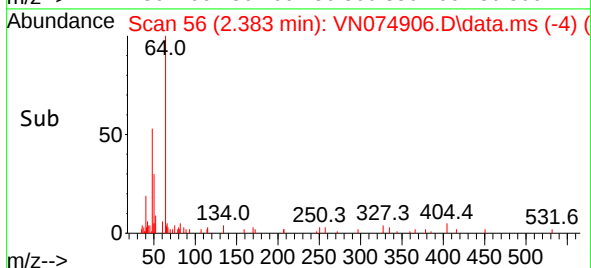
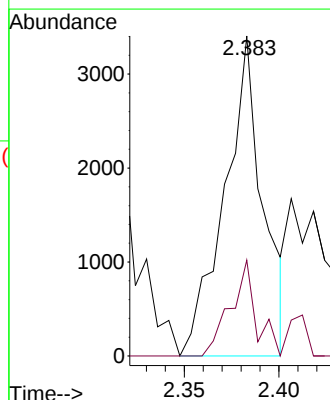
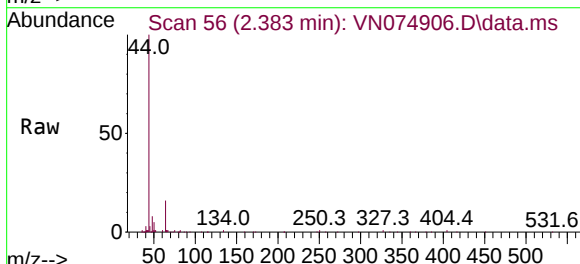
Instrument :
MSVOA_N
ClientSampleId :
IBLK

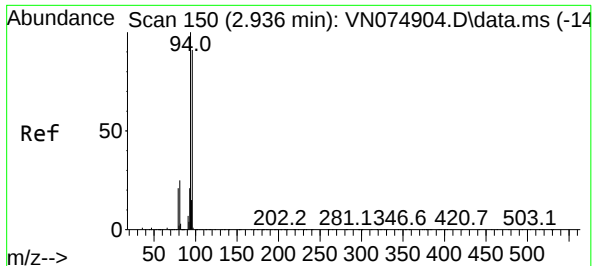
Tgt Ion:168 Resp: 401764
Ion Ratio Lower Upper
168 100
99 59.9 45.8 68.8



#3
Chloromethane
Concen: Below Cal
RT: 2.383 min Scan# 56
Delta R.T. 0.006 min
Lab File: VN074906.D
Acq: 14 Oct 2022 12:23

Tgt Ion: 50 Resp: 4778
Ion Ratio Lower Upper
50 100
52 29.9 25.4 38.0

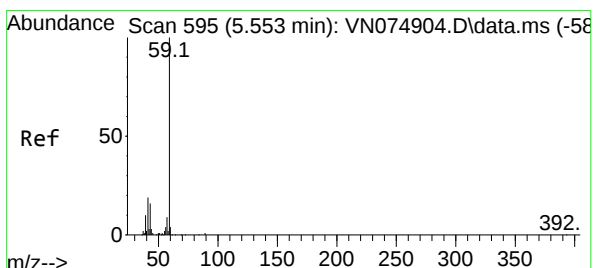
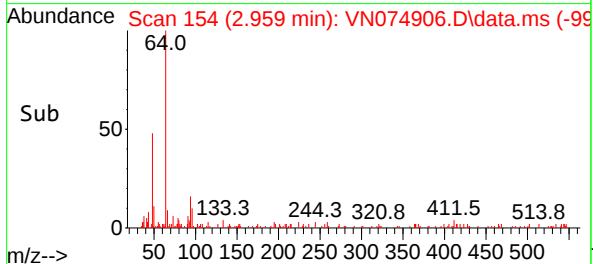
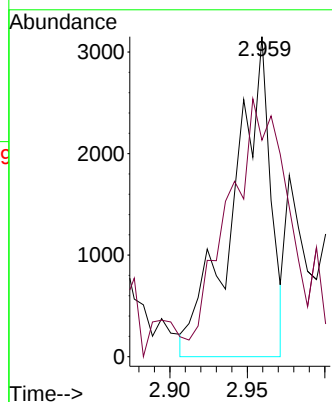
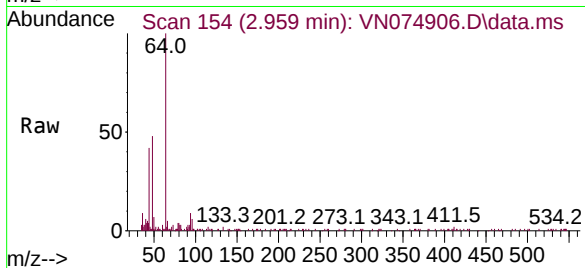




#5
Bromomethane
Concen: 0.406 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN074906.D
Acq: 14 Oct 2022 12:23

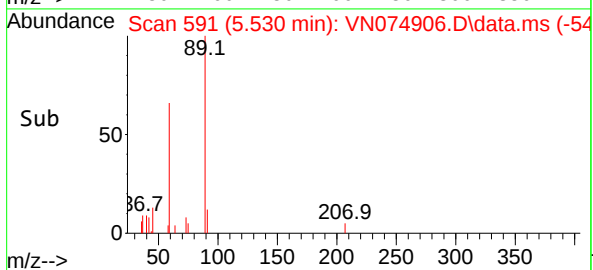
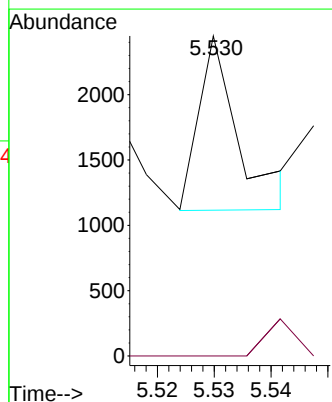
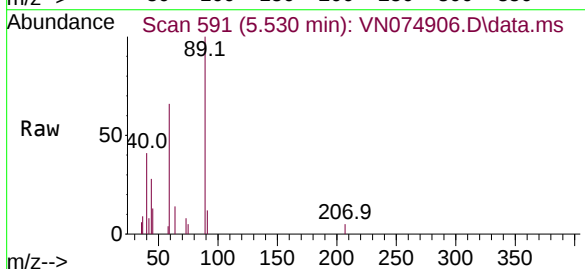
Instrument :
MSVOA_N
ClientSampleId :
IBLK

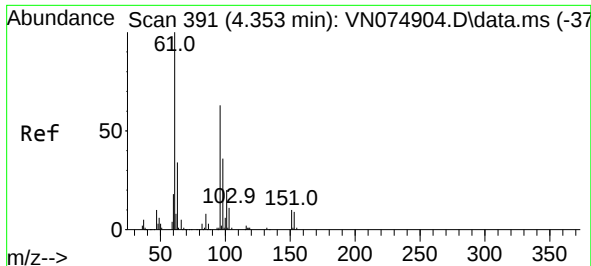
Tgt Ion: 94 Resp: 5272
Ion Ratio Lower Upper
94 100
96 66.1 72.6 109.0#



#11
Tert butyl alcohol
Concen: 0.276 ug/l
RT: 5.530 min Scan# 591
Delta R.T. -0.023 min
Lab File: VN074906.D
Acq: 14 Oct 2022 12:23

Tgt Ion: 59 Resp: 660
Ion Ratio Lower Upper
59 100
57 15.2 7.3 10.9#

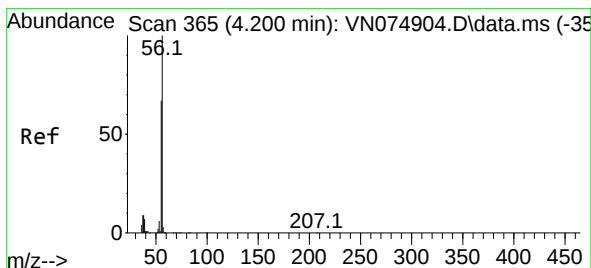
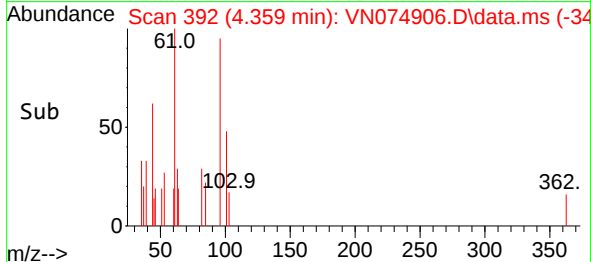
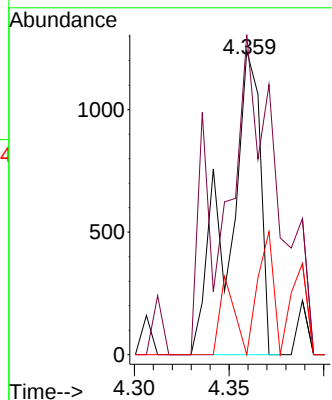
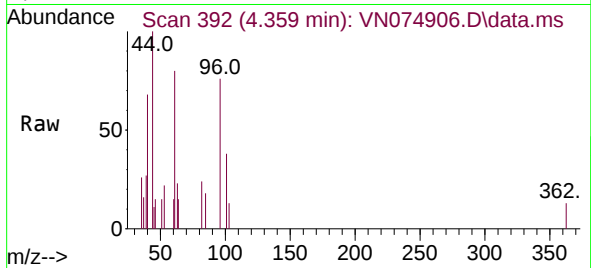




#12
1,1-Dichloroethene
Concen: 0.209 ug/l
RT: 4.359 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN074906.D
Acq: 14 Oct 2022 12:23

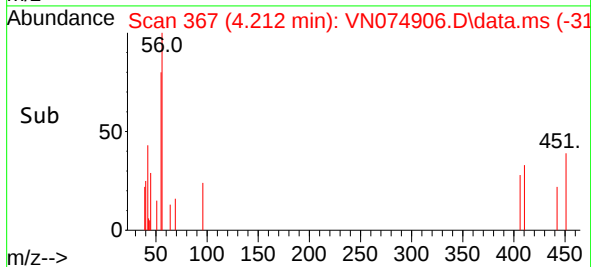
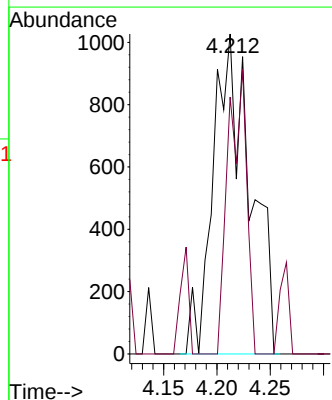
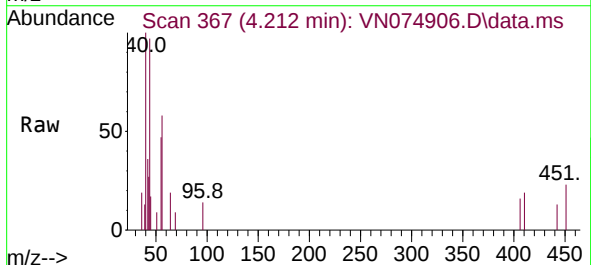
Instrument :
MSVOA_N
ClientSampleId :
IBLK

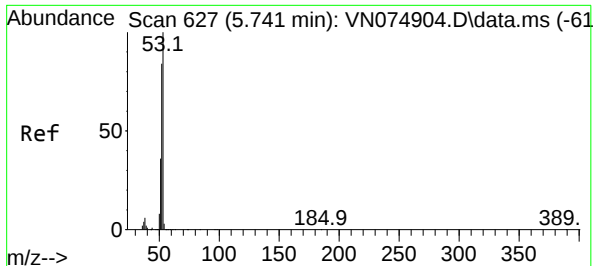
Tgt Ion: 96 Resp: 1447
Ion Ratio Lower Upper
96 100
61 105.2 127.2 190.8#
98 0.0 46.2 69.4#



#13
Acrolein
Concen: 0.985 ug/l
RT: 4.212 min Scan# 367
Delta R.T. 0.012 min
Lab File: VN074906.D
Acq: 14 Oct 2022 12:23

Tgt Ion: 56 Resp: 2496
Ion Ratio Lower Upper
56 100
55 44.0 57.0 85.6#





#15

Acrylonitrile

Concen: 1.091 ug/l

RT: 5.765 min Scan# 61

Delta R.T. 0.024 min

Lab File: VN074906.D

Acq: 14 Oct 2022 12:23

Instrument :

MSVOA_N

ClientSampleId :

IBLK

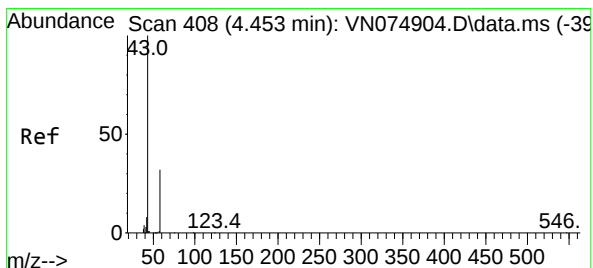
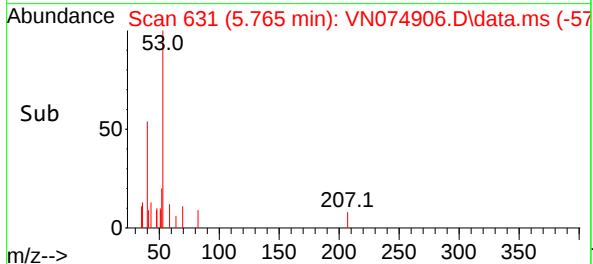
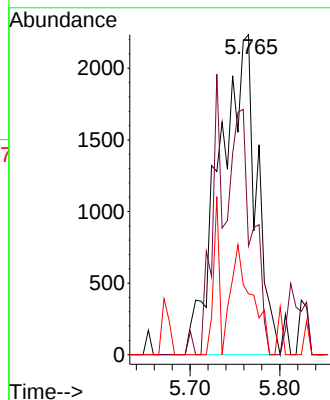
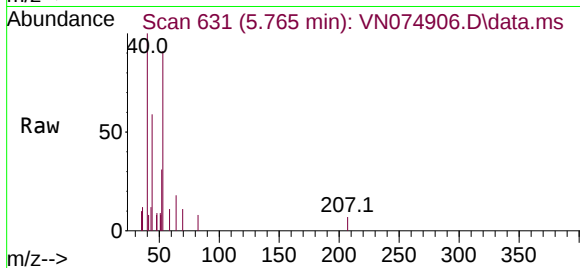
Tgt Ion: 53 Resp: 6390

Ion Ratio Lower Upper

53 100

52 42.0 66.2 99.4#

51 17.7 27.6 41.4#



#16

Acetone

Concen: 0.989 ug/l

RT: 4.483 min Scan# 413

Delta R.T. 0.030 min

Lab File: VN074906.D

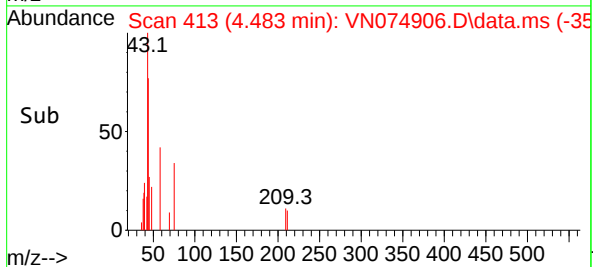
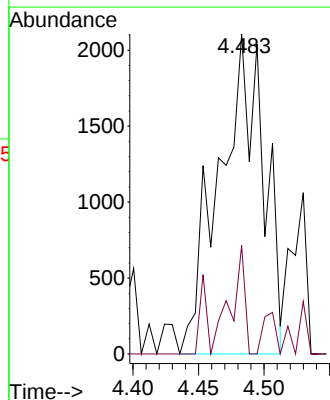
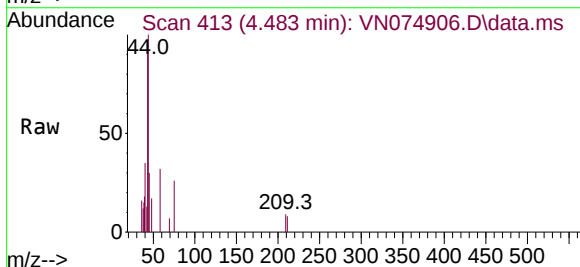
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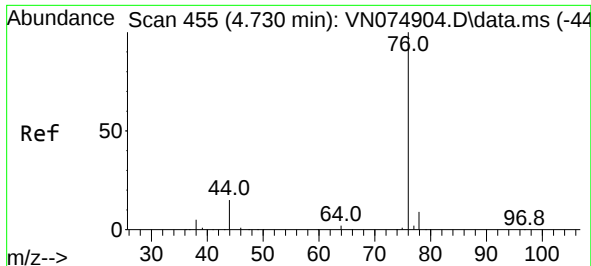
Tgt Ion: 43 Resp: 4958

Ion Ratio Lower Upper

43 100

58 33.9 25.8 38.6

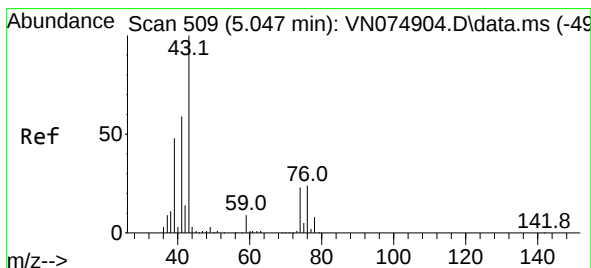
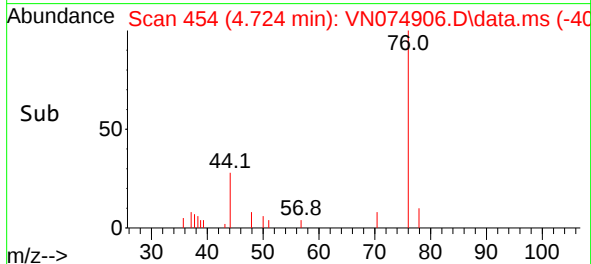
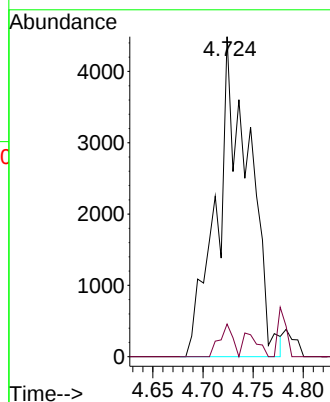
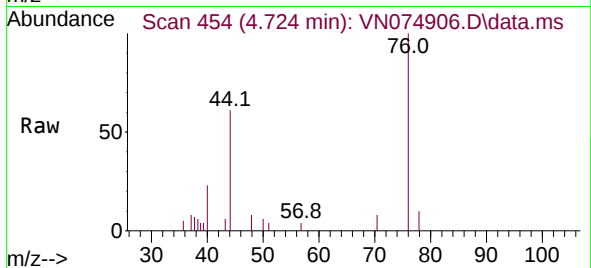




#17
Carbon Disulfide
Concen: 0.578 ug/l
RT: 4.724 min Scan# 455
Delta R.T. -0.006 min
Lab File: VN074906.D
Acq: 14 Oct 2022 12:23

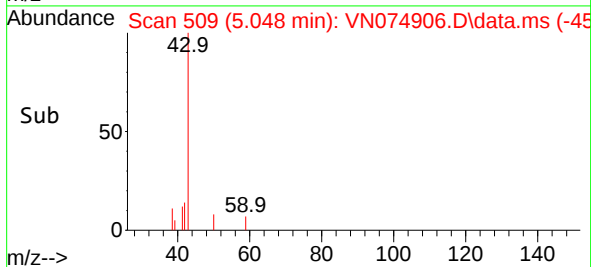
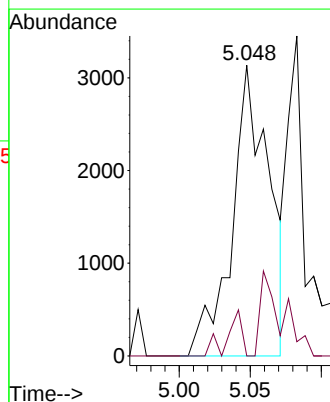
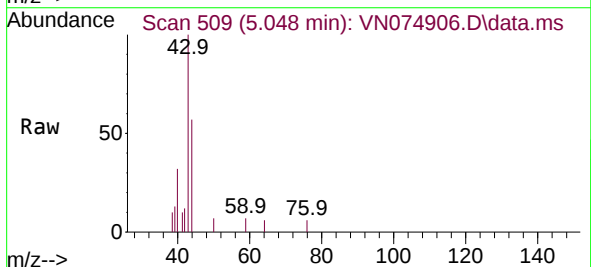
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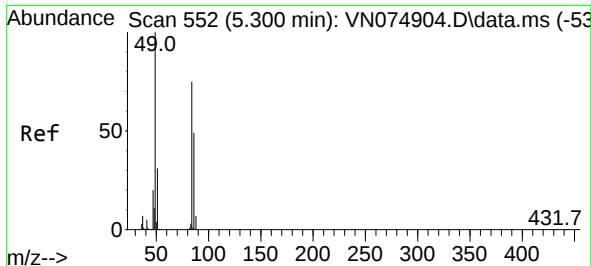
Tgt Ion: 76 Resp: 10146
Ion Ratio Lower Upper
76 100
78 10.2 7.4 11.0



#18
Methyl Acetate
Concen: 0.316 ug/l
RT: 5.048 min Scan# 509
Delta R.T. 0.000 min
Lab File: VN074906.D
Acq: 14 Oct 2022 12:23

Tgt Ion: 43 Resp: 5671
Ion Ratio Lower Upper
43 100
74 6.2 18.8 28.2#

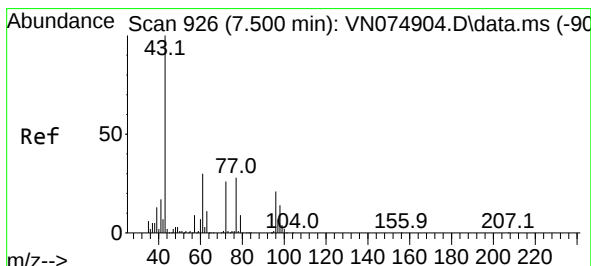
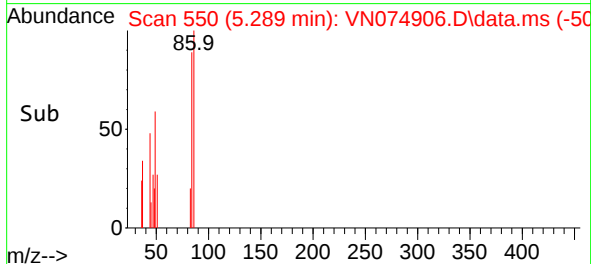
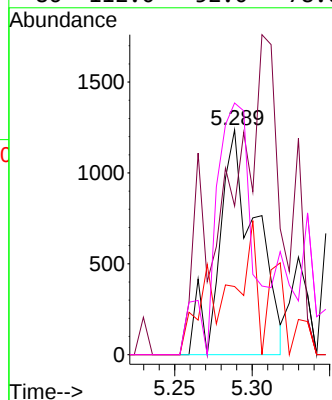
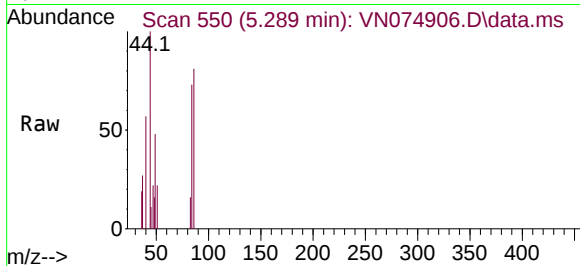




#20
Methylene Chloride
Concen: Below Cal
RT: 5.289 min Scan# 511
Delta R.T. -0.011 min
Lab File: VN074906.D
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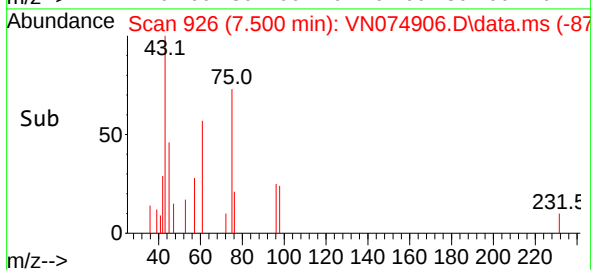
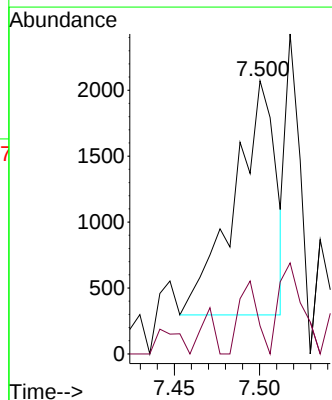
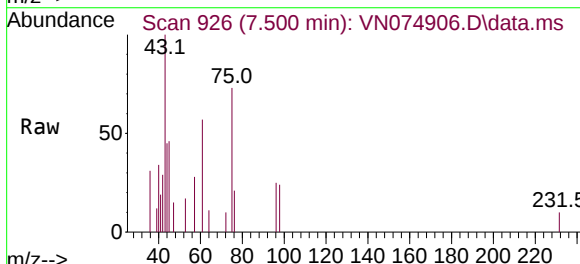
Instrument :
MSVOA_N
ClientSampleId :
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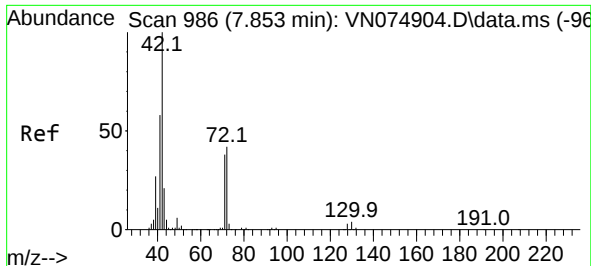
Tgt Ion: 84 Resp: 2033
Ion Ratio Lower Upper
84 100
49 66.1 107.1 160.7#
51 30.3 32.8 49.2#
86 112.0 52.0 78.0#



#25
2-Butanone
Concen: 0.363 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.000 min
Lab File: VN074906.D
Acq: 14 Oct 2022 12:23

Tgt Ion: 43 Resp: 3001
Ion Ratio Lower Upper
43 100
72 3.4 20.4 30.6#

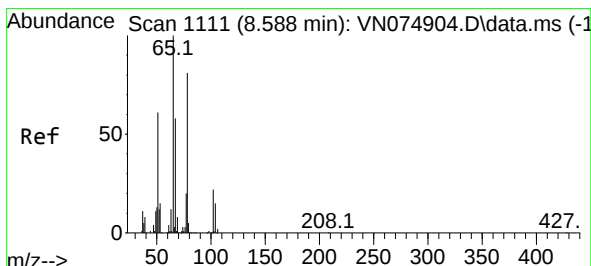
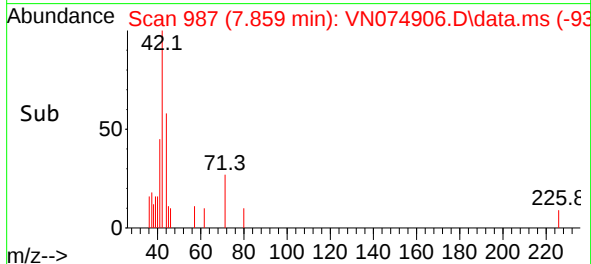
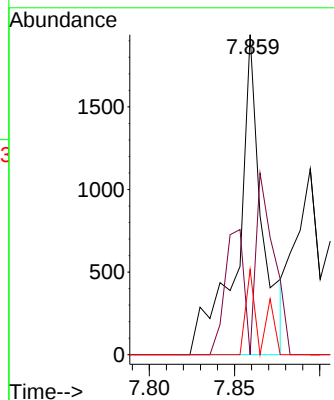
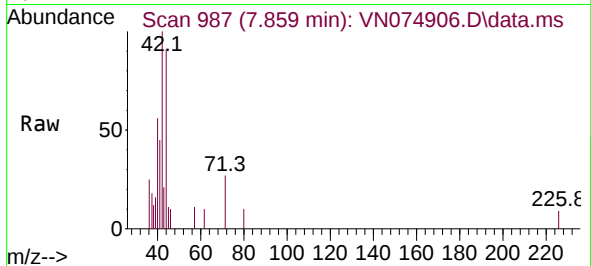




#29
Tetrahydrofuran
Concen: 0.359 ug/l
RT: 7.859 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN074906.D
Acq: 14 Oct 2022 12:23

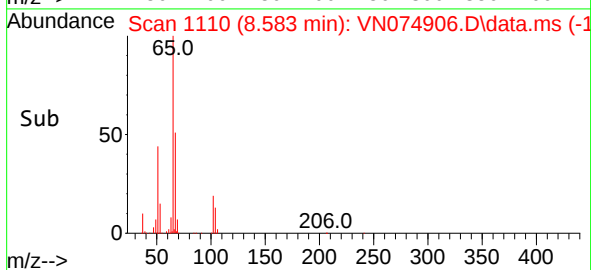
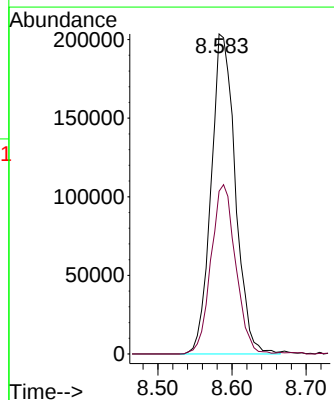
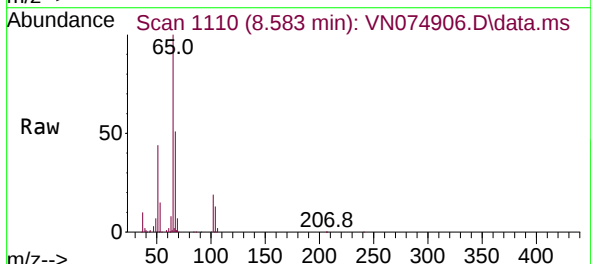
Instrument :
MSVOA_N
ClientSampleId :
IBLK

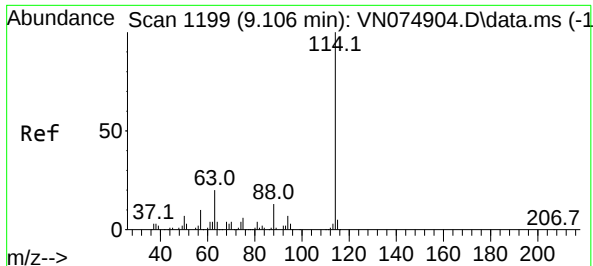
Tgt Ion: 42 Resp: 1944
Ion Ratio Lower Upper
42 100
72 41.2 32.4 48.6
71 15.5 30.7 46.1#



#33
1,2-Dichloroethane-d4
Concen: 47.405 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. -0.006 min
Lab File: VN074906.D
Acq: 14 Oct 2022 12:23

Tgt Ion: 65 Resp: 461184
Ion Ratio Lower Upper
65 100
67 53.9 0.0 108.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN074906.D

Acq: 14 Oct 2022 12:23

Instrument :

MSVOA_N

ClientSampleId :

IBLK

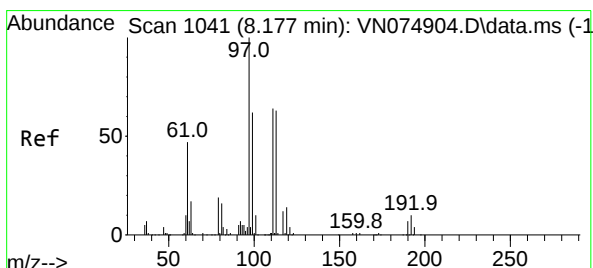
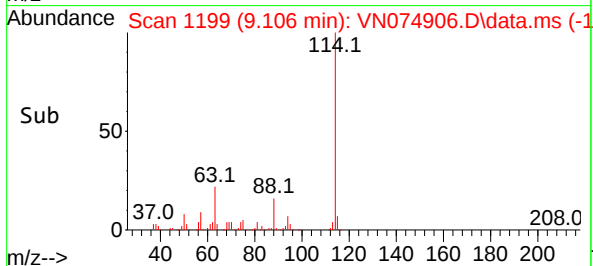
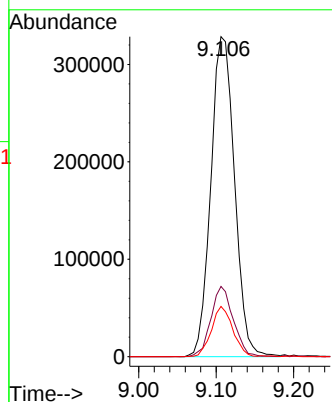
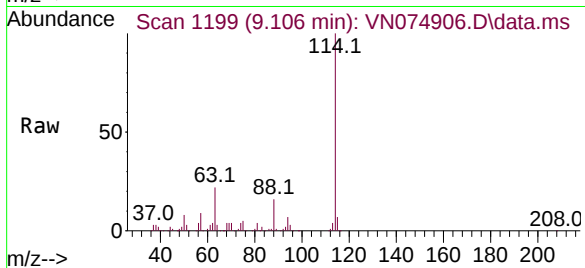
Tgt Ion:114 Resp: 698873

Ion Ratio Lower Upper

114 100

63 22.0 0.0 40.8

88 15.7 0.0 25.8



#35

Dibromofluoromethane

Concen: 46.195 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VN074906.D

Acq: 14 Oct 2022 12:23

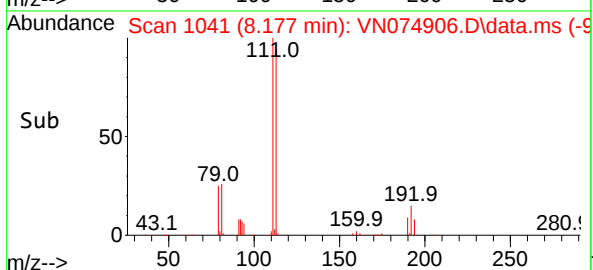
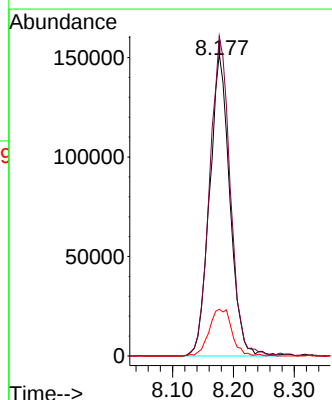
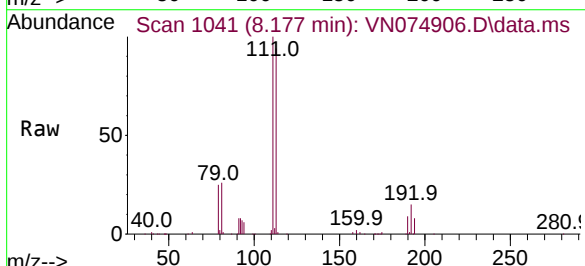
Tgt Ion:113 Resp: 350671

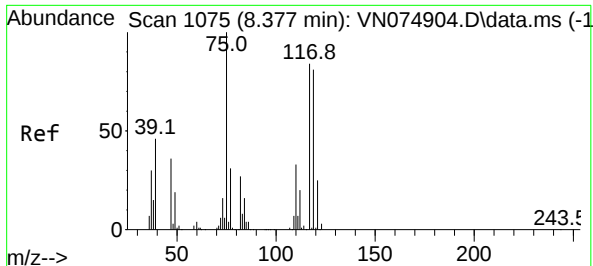
Ion Ratio Lower Upper

113 100

111 107.1 81.1 121.7

192 17.3 13.1 19.7

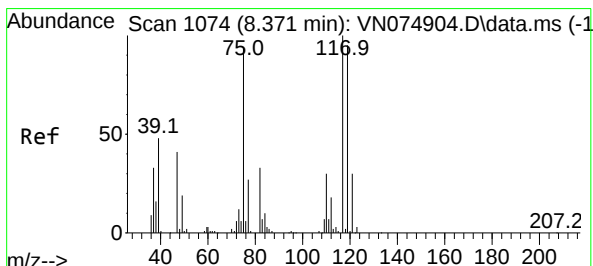
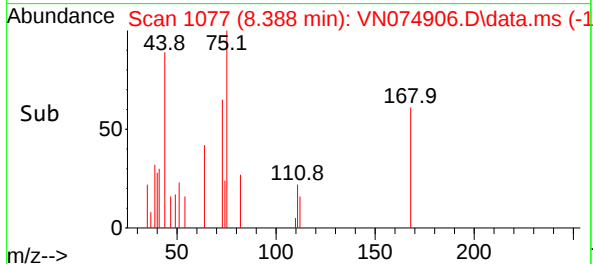
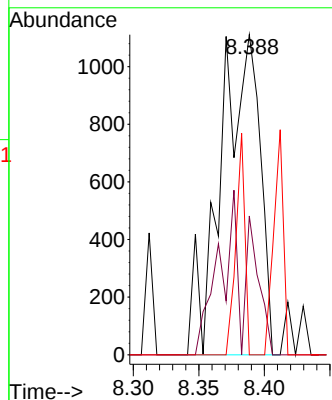
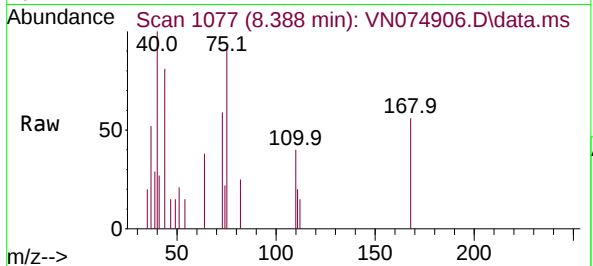




#36
 1,1-Dichloropropene
 Concen: 0.208 ug/l
 RT: 8.388 min Scan# 1075
 Delta R.T. 0.012 min
 Lab File: VN074906.D
 Acq: 14 Oct 2022 12:23

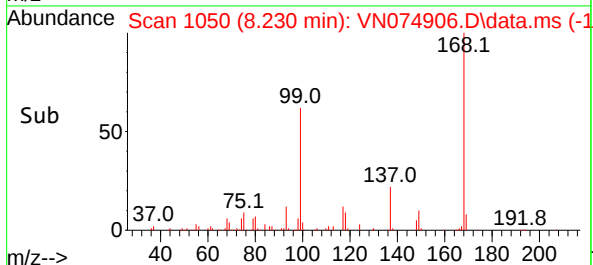
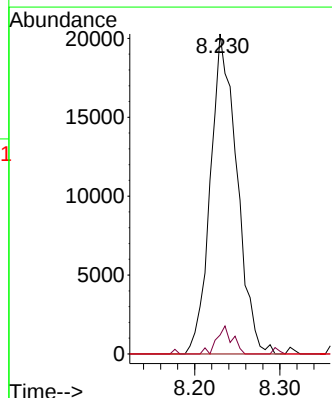
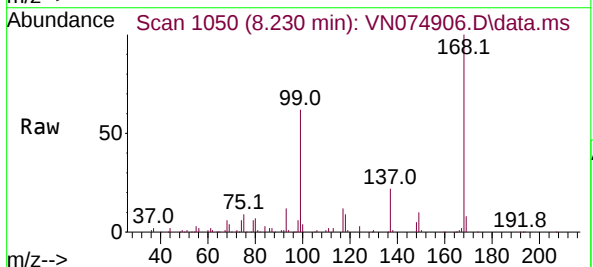
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

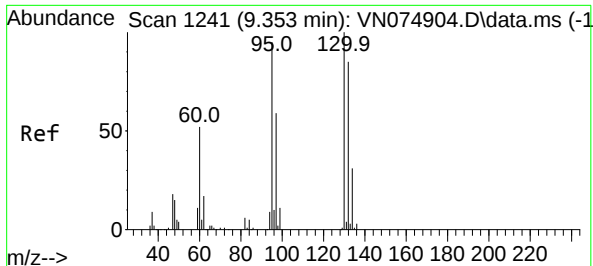
Tgt Ion: 75 Resp: 2312
 Ion Ratio Lower Upper
 75 100
 110 14.3 16.3 48.8#
 77 15.9 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 4.178 ug/l
 RT: 8.230 min Scan# 1050
 Delta R.T. -0.141 min
 Lab File: VN074906.D
 Acq: 14 Oct 2022 12:23

Tgt Ion: 117 Resp: 43951
 Ion Ratio Lower Upper
 117 100
 119 5.9 75.8 113.8#
 121 0.0 23.8 35.6#

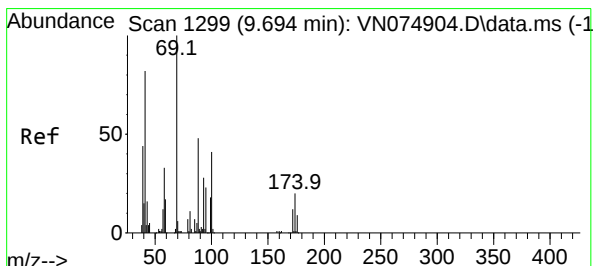
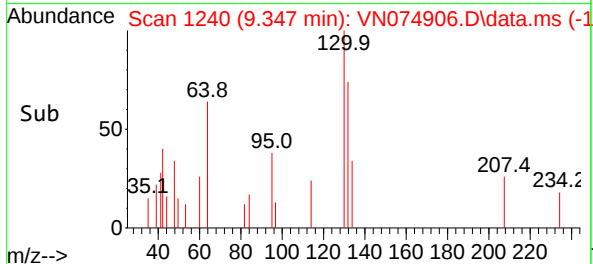
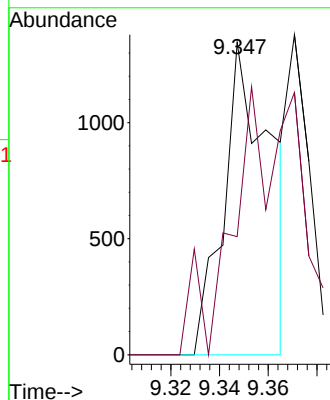
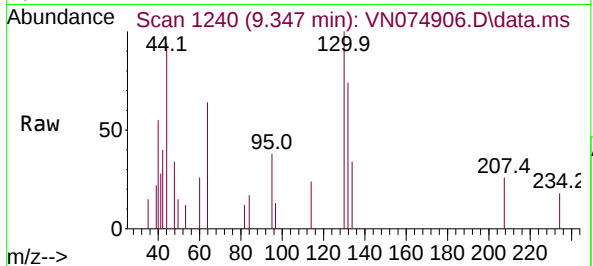




#44
Trichloroethene
Concen: 0.232 ug/l
RT: 9.347 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN074906.D
Acq: 14 Oct 2022 12:23

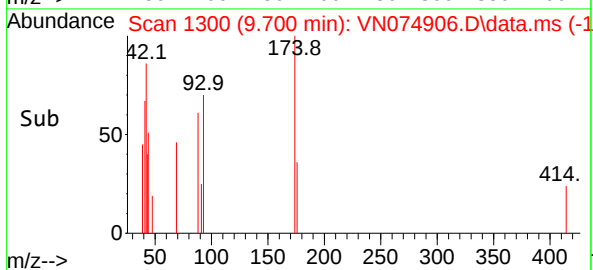
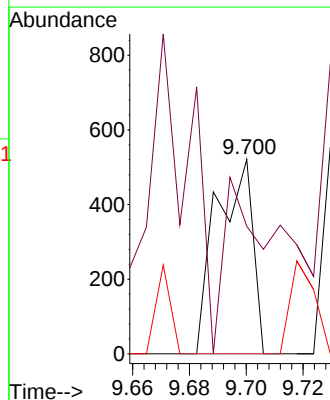
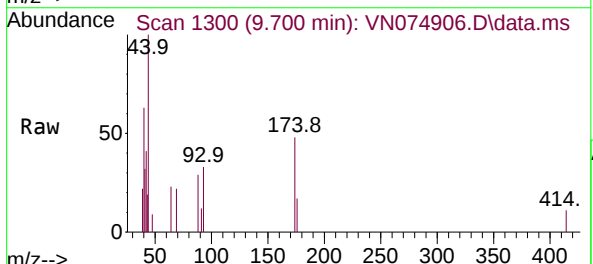
Instrument :
MSVOA_N
ClientSampleId :
IBLK

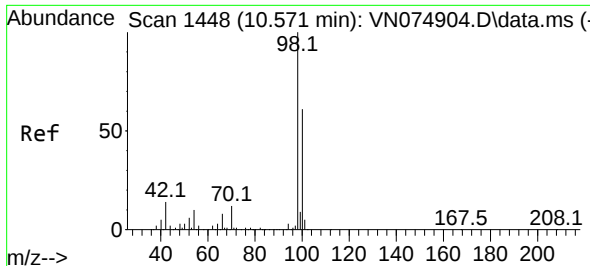
Tgt Ion:130 Resp: 1775
Ion Ratio Lower Upper
130 100
95 37.8 0.0 189.2



#49
1,4-Dioxane
Concen: 2.141 ug/l
RT: 9.700 min Scan# 1300
Delta R.T. 0.006 min
Lab File: VN074906.D
Acq: 14 Oct 2022 12:23

Tgt Ion: 88 Resp: 462
Ion Ratio Lower Upper
88 100
43 0.0 24.5 36.7#
58 32.3 57.0 85.6#

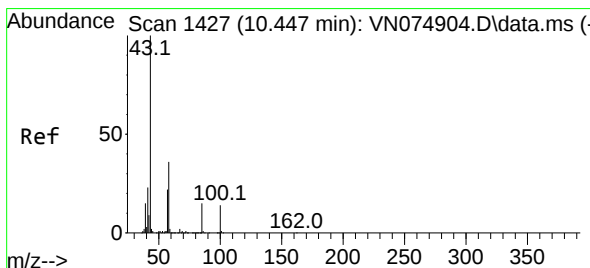
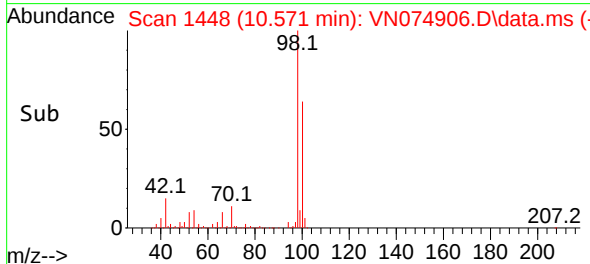
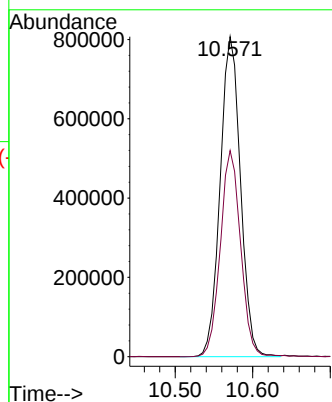
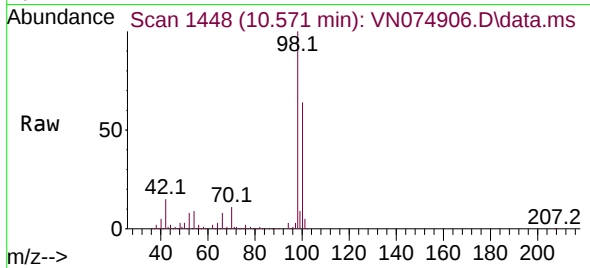




#50
Toluene-d8
Concen: 47.079 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN074906.D
Acq: 14 Oct 2022 12:23

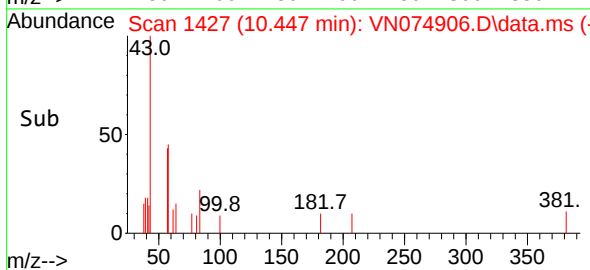
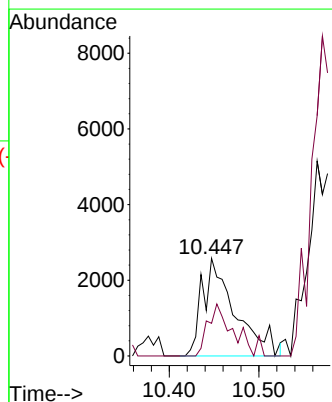
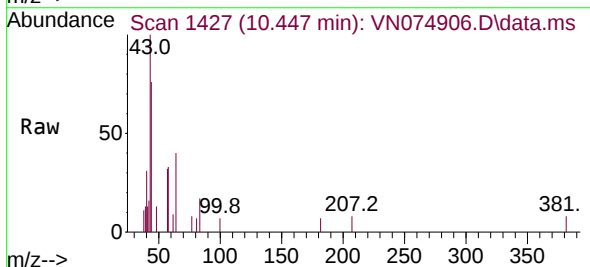
Instrument :
MSVOA_N
ClientSampleId :
IBLK

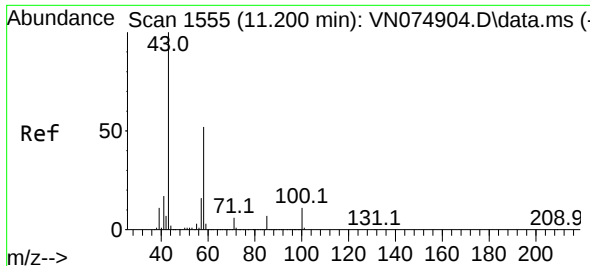
Tgt Ion: 98 Resp: 1474366
Ion Ratio Lower Upper
98 100
100 64.3 49.8 74.6



#51
4-Methyl-2-Pentanone
Concen: 0.405 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN074906.D
Acq: 14 Oct 2022 12:23

Tgt Ion: 43 Resp: 6614
Ion Ratio Lower Upper
43 100
58 38.3 30.1 45.1

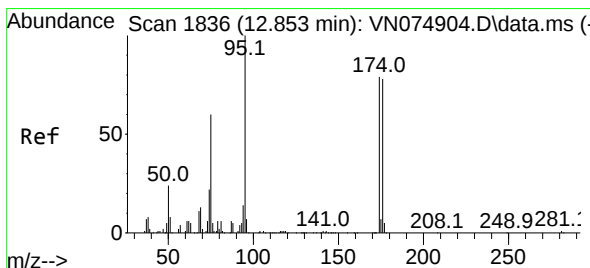
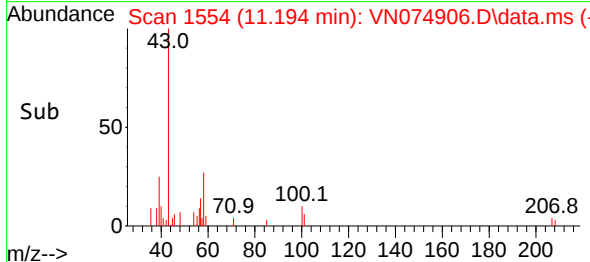
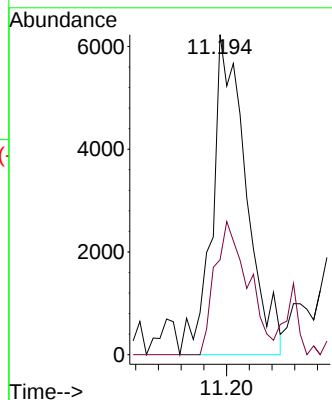
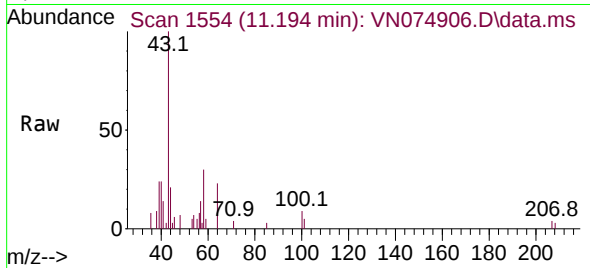




#59
2-Hexanone
Concen: 1.078 ug/l
RT: 11.194 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN074906.D
Acq: 14 Oct 2022 12:23

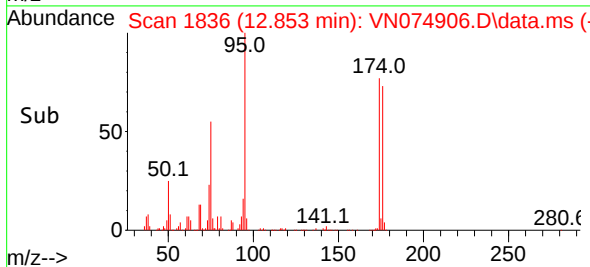
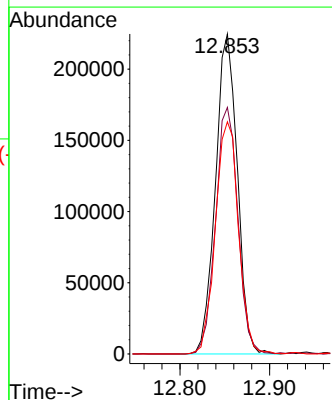
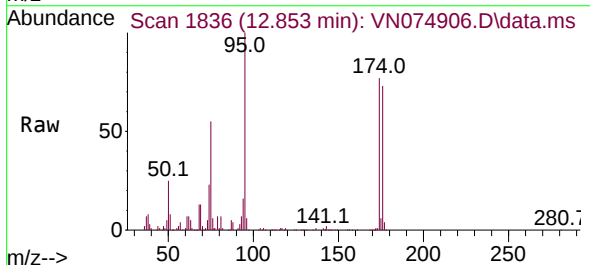
Instrument :
MSVOA_N
ClientSampleId :
IBLK

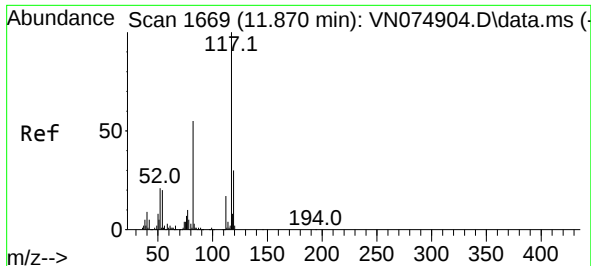
Tgt Ion: 43 Resp: 12873
Ion Ratio Lower Upper
43 100
58 41.1 26.8 80.3



#62
4-Bromofluorobenzene
Concen: 37.205 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN074906.D
Acq: 14 Oct 2022 12:23

Tgt Ion: 95 Resp: 379545
Ion Ratio Lower Upper
95 100
174 78.7 0.0 159.4
176 76.6 0.0 152.4

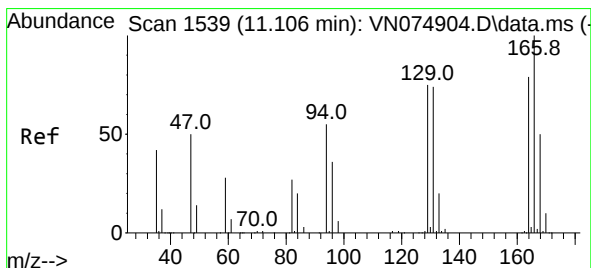
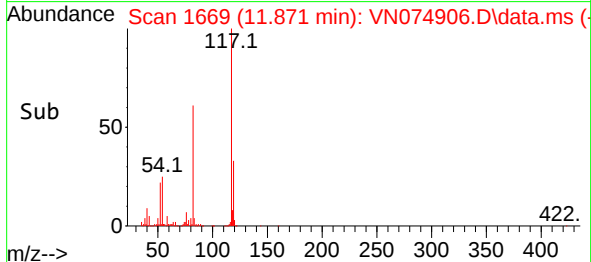
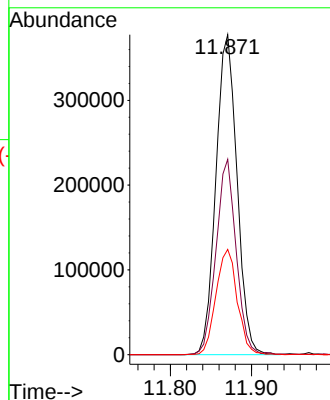
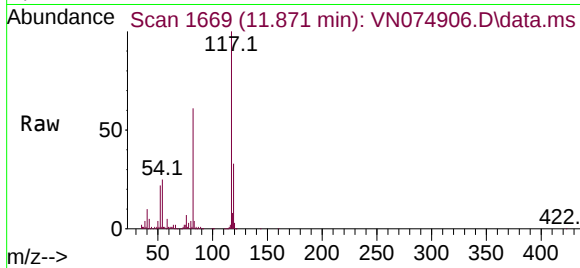




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.001 min
Lab File: VN074906.D
Acq: 14 Oct 2022 12:23

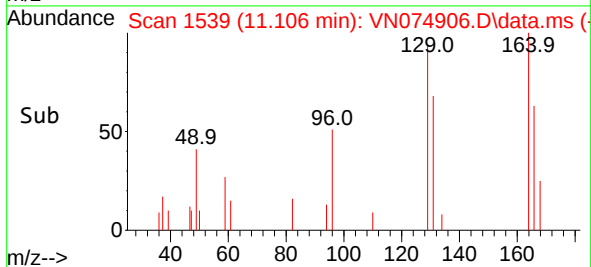
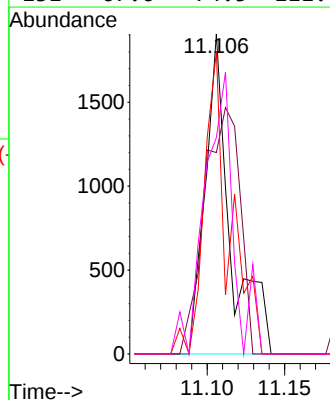
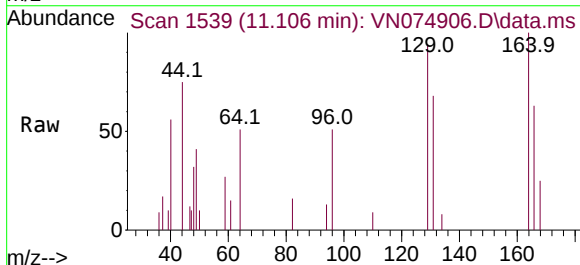
Instrument :
MSVOA_N
ClientSampleId :
IBLK

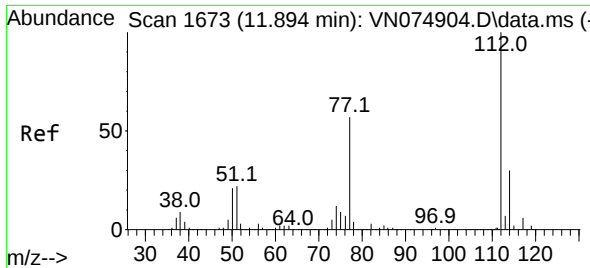
Tgt Ion:117 Resp: 682728
Ion Ratio Lower Upper
117 100
82 61.0 44.2 66.2
119 32.9 24.4 36.6



#64
Tetrachloroethene
Concen: Below Cal
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN074906.D
Acq: 14 Oct 2022 12:23

Tgt Ion:164 Resp: 2157
Ion Ratio Lower Upper
164 100
166 63.0 100.9 151.3#
129 94.4 75.2 112.8
131 67.6 74.5 111.7#

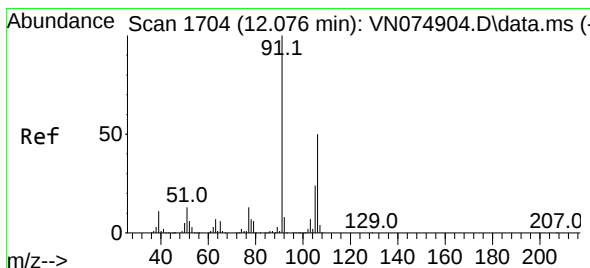
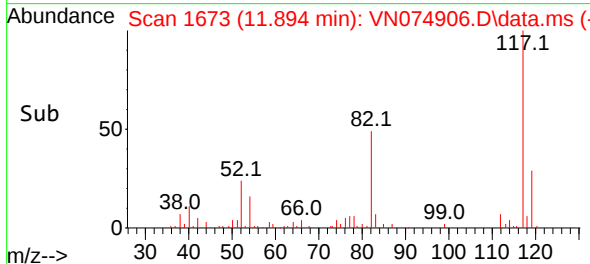
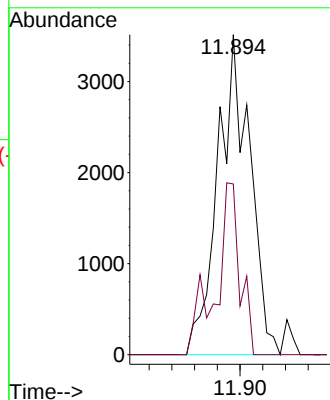
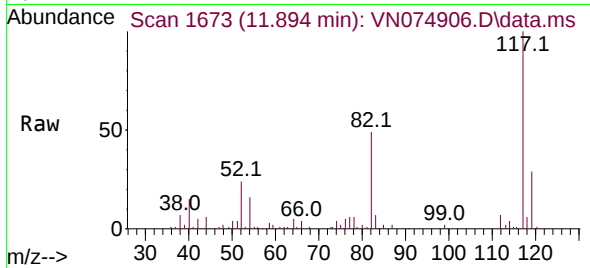




#65
Chlorobenzene
Concen: 0.349 ug/l
RT: 11.894 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN074906.D
Acq: 14 Oct 2022 12:23

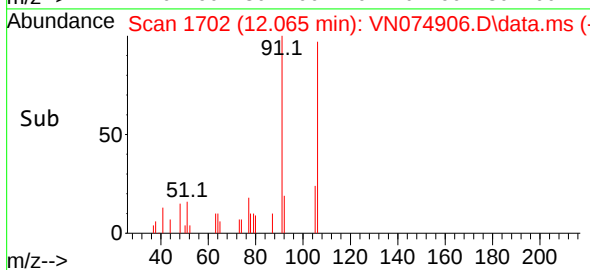
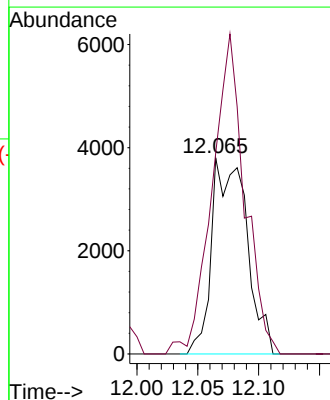
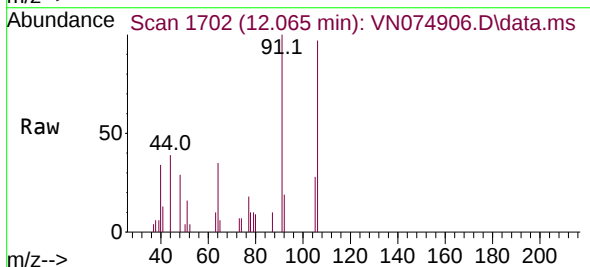
Instrument :
MSVOA_N
ClientSampleId :
IBLK

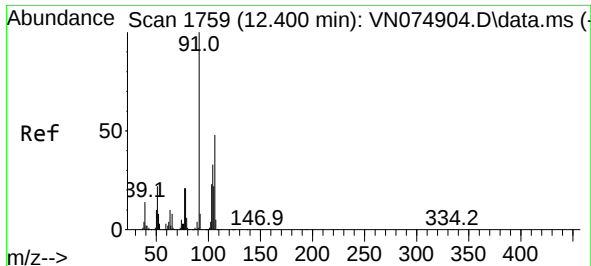
Tgt Ion:112 Resp: 6867
Ion Ratio Lower Upper
112 100
114 53.4 23.9 35.9#



#68
m/p-Xylenes
Concen: 0.563 ug/l
RT: 12.065 min Scan# 1702
Delta R.T. -0.012 min
Lab File: VN074906.D
Acq: 14 Oct 2022 12:23

Tgt Ion:106 Resp: 7572
Ion Ratio Lower Upper
106 100
91 152.8 161.5 242.3#

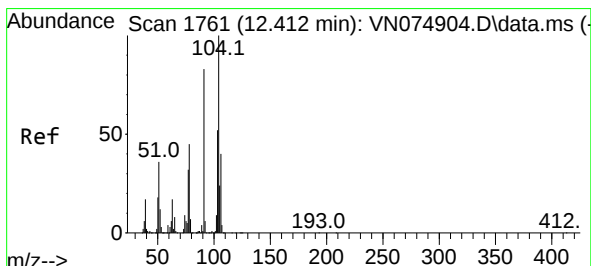
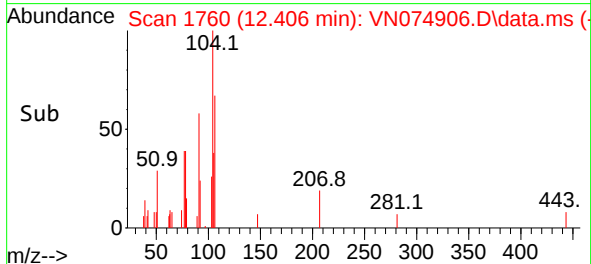
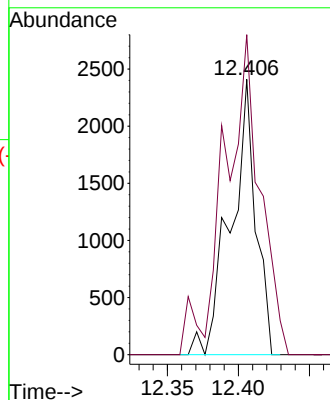
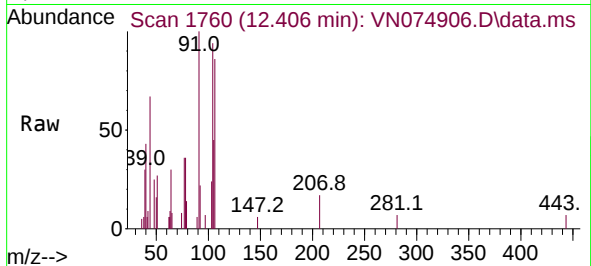




#69
o-Xylene
Concen: 0.215 ug/l
RT: 12.406 min Scan# 1759
Delta R.T. 0.006 min
Lab File: VN074906.D
Acq: 14 Oct 2022 12:23

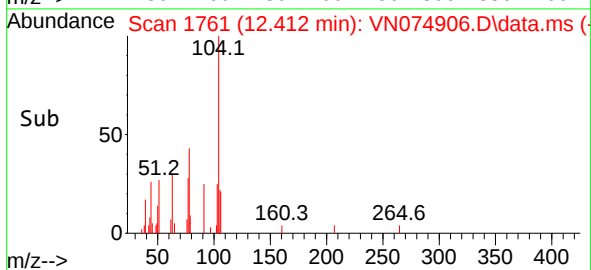
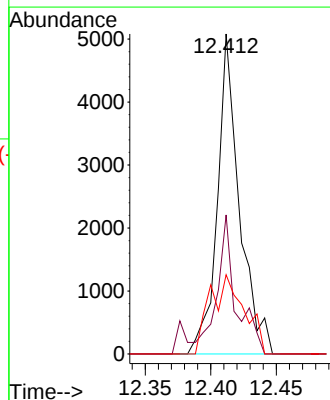
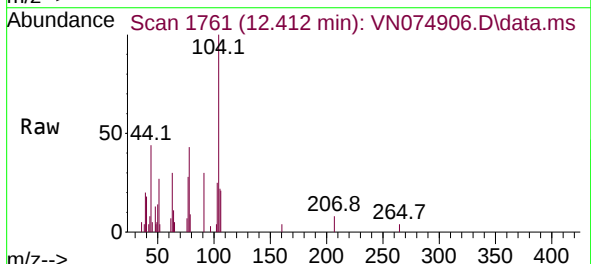
Instrument :
MSVOA_N
ClientSampleId :
IBLK

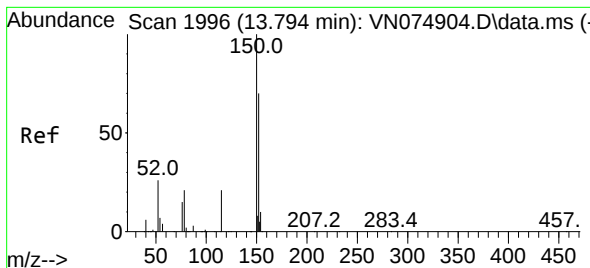
Tgt Ion:106 Resp: 2960
Ion Ratio Lower Upper
106 100
91 165.4 106.5 319.6



#70
Styrene
Concen: 0.272 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN074906.D
Acq: 14 Oct 2022 12:23

Tgt Ion:104 Resp: 5927
Ion Ratio Lower Upper
104 100
78 37.5 38.8 58.2#
103 38.7 43.4 65.0#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. 0.000 min

Lab File: VN074906.D

Acq: 14 Oct 2022 12:23

Instrument :

MSVOA_N

ClientSampleId :

IBLK

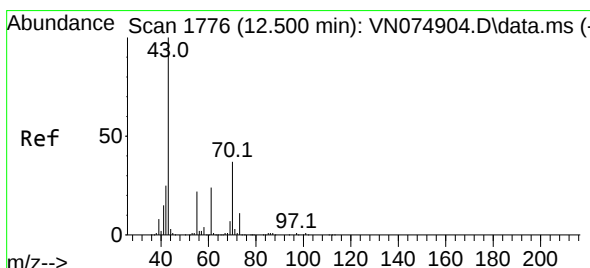
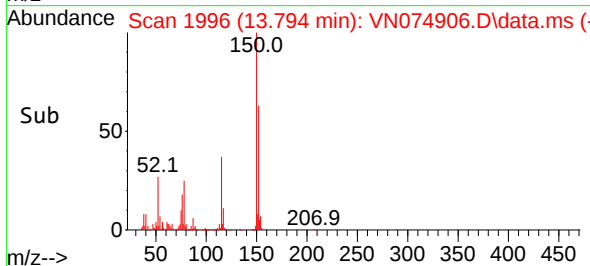
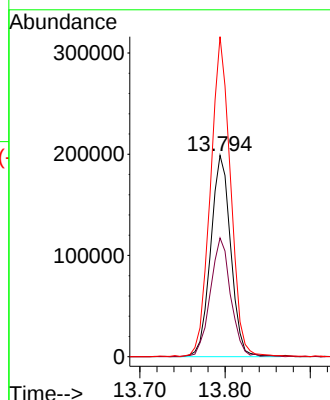
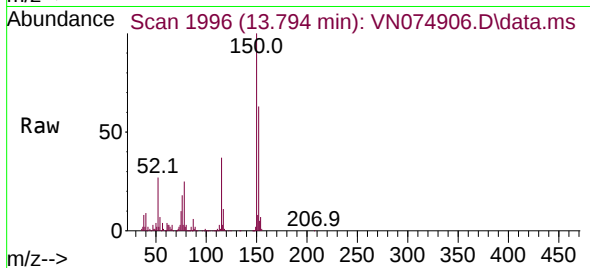
Tgt Ion:152 Resp: 324626

Ion Ratio Lower Upper

152 100

115 60.2 28.9 86.7

150 159.9 0.0 350.4



#74

N-ethyl acetate

Concen: 0.533 ug/l

RT: 12.500 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VN074906.D

Acq: 14 Oct 2022 12:23

Tgt Ion: 43 Resp: 8355

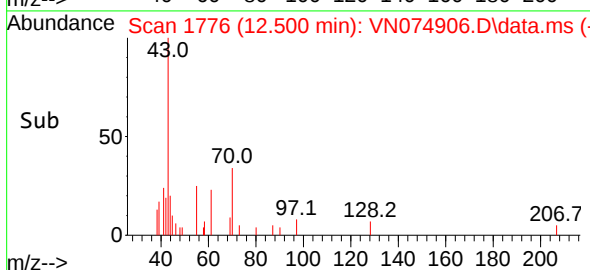
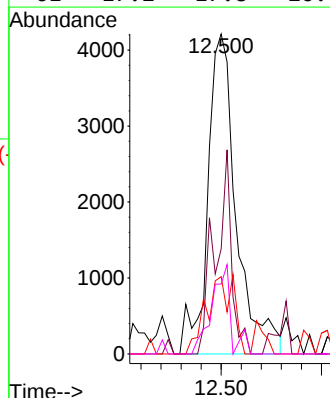
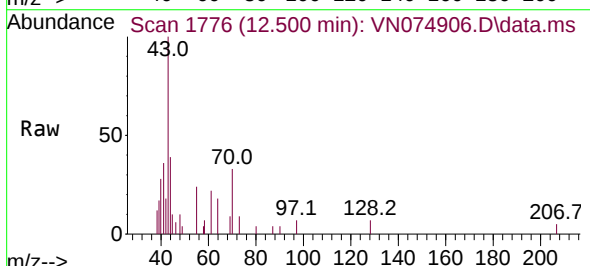
Ion Ratio Lower Upper

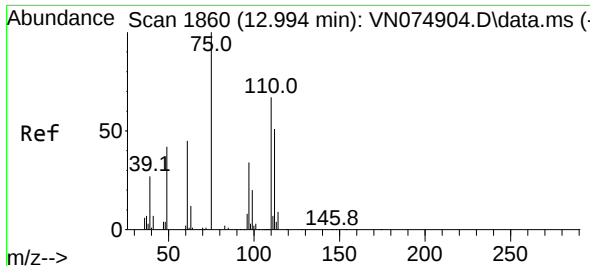
43 100

70 36.3 31.5 47.3

55 23.2 18.2 27.4

61 17.2 17.8 26.8#

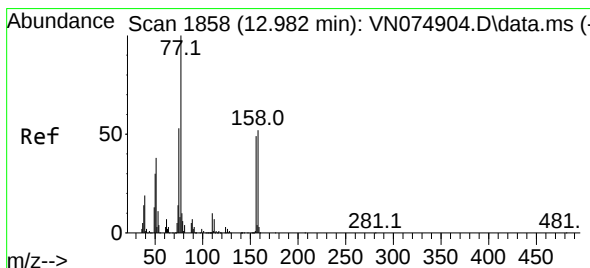
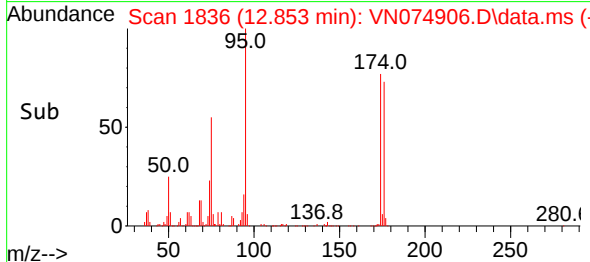
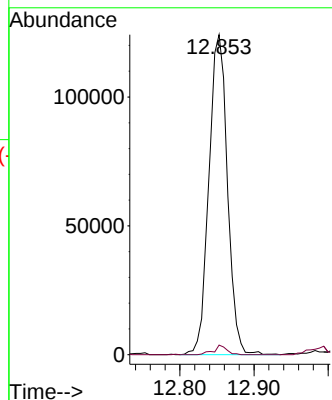
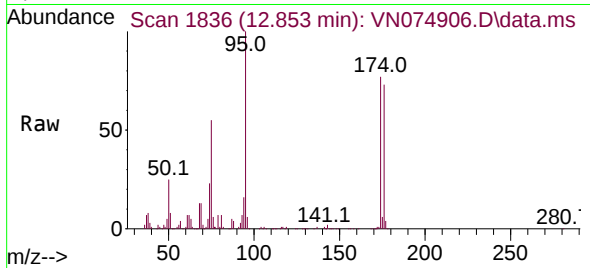




#76
1,2,3-Trichloropropane
Concen: 22.579 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN074906.D
Acq: 14 Oct 2022 12:23

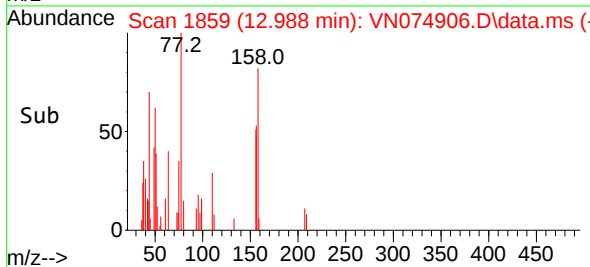
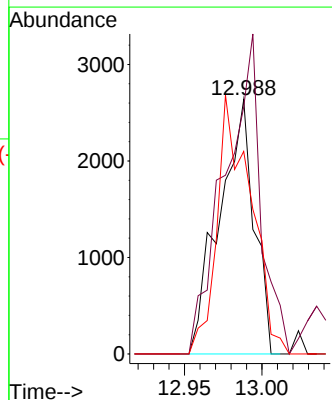
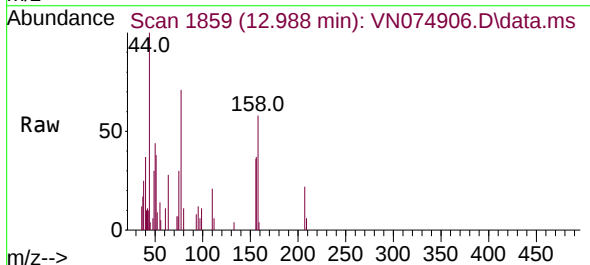
Instrument :
MSVOA_N
ClientSampleId :
IBLK

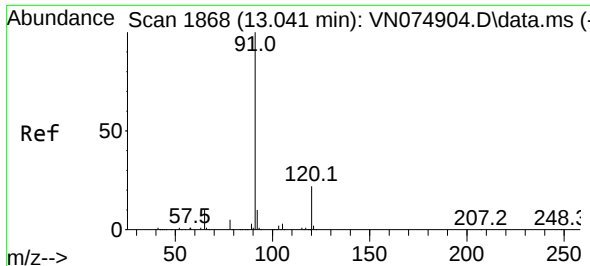
Tgt Ion: 75 Resp: 215779
Ion Ratio Lower Upper
75 100
77 2.1 77.8 233.4#



#77
Bromobenzene
Concen: 0.639 ug/l
RT: 12.988 min Scan# 1859
Delta R.T. 0.006 min
Lab File: VN074906.D
Acq: 14 Oct 2022 12:23

Tgt Ion: 156 Resp: 4088
Ion Ratio Lower Upper
156 100
77 131.0 116.3 348.9
158 99.7 47.9 143.7

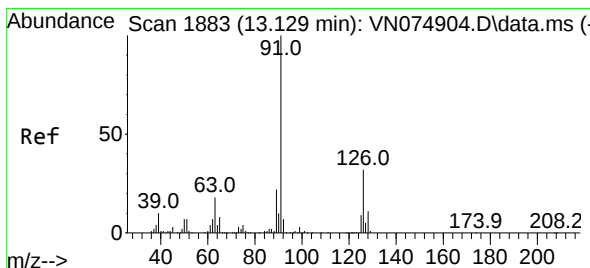
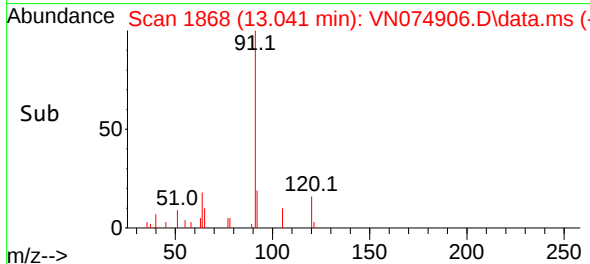
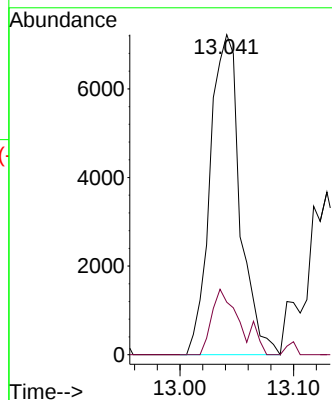
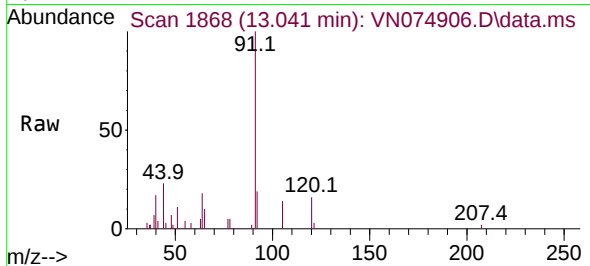




#78
n-propylbenzene
Concen: 0.403 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN074906.D
Acq: 14 Oct 2022 12:23

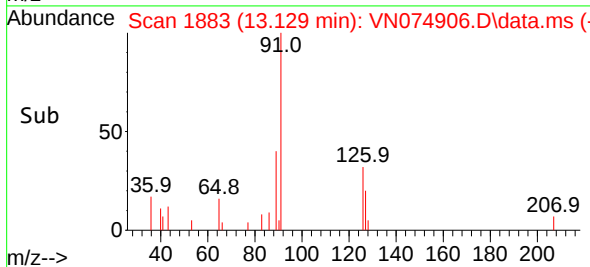
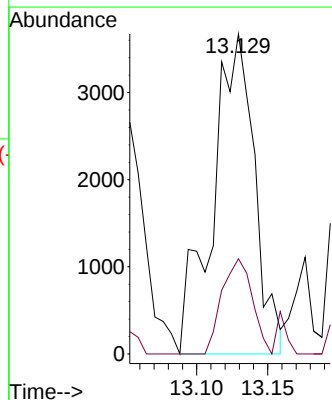
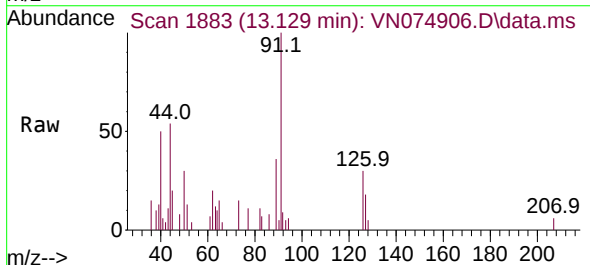
Instrument :
MSVOA_N
ClientSampleId :
IBLK

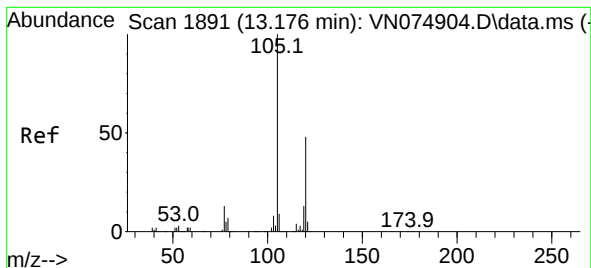
Tgt Ion: 91 Resp: 13280
Ion Ratio Lower Upper
91 100
120 19.1 10.9 32.9



#79
2-Chlorotoluene
Concen: 0.382 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN074906.D
Acq: 14 Oct 2022 12:23

Tgt Ion: 91 Resp: 7533
Ion Ratio Lower Upper
91 100
126 21.6 15.8 47.3





#80

1,3,5-Trimethylbenzene

Concen: 0.261 ug/l

RT: 13.176 min Scan# 1891

Delta R.T. 0.000 min

Lab File: VN074906.D

Acq: 14 Oct 2022 12:23

Instrument :

MSVOA_N

ClientSampleId :

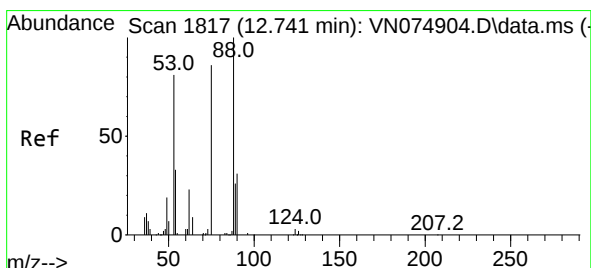
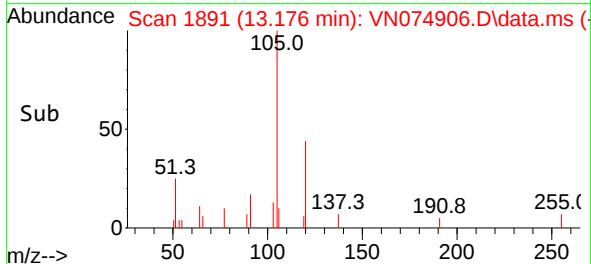
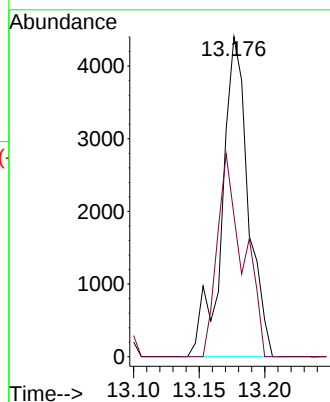
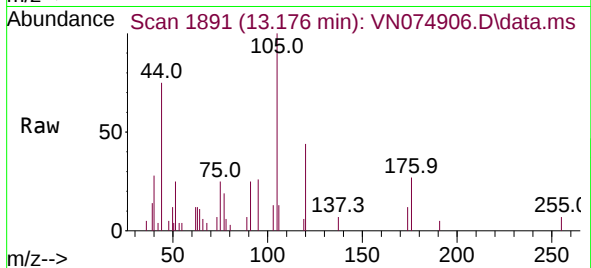
IBLK

Tgt Ion:105 Resp: 6121

Ion Ratio Lower Upper

105 100

120 62.4 23.9 71.8



#81

trans-1,4-Dichloro-2-butene

Concen: 63.193 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.112 min

Lab File: VN074906.D

Acq: 14 Oct 2022 12:23

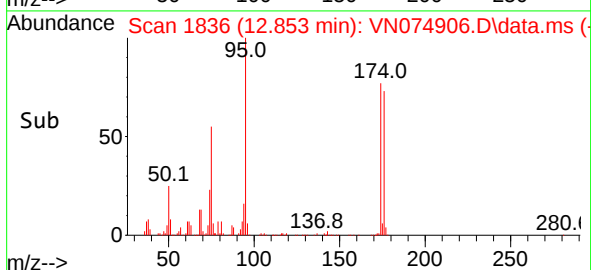
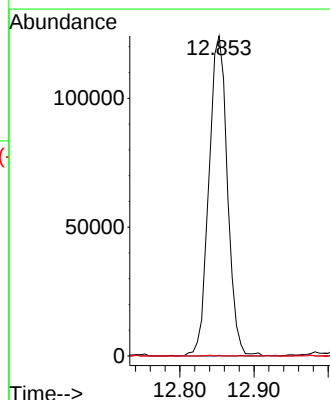
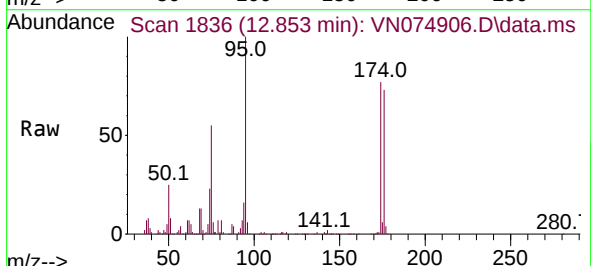
Tgt Ion: 75 Resp: 215779

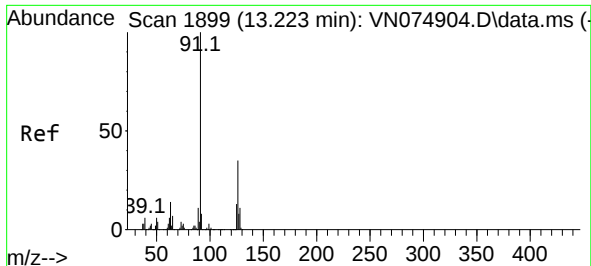
Ion Ratio Lower Upper

75 100

53 0.0 87.0 130.4#

89 0.1 32.5 48.7#

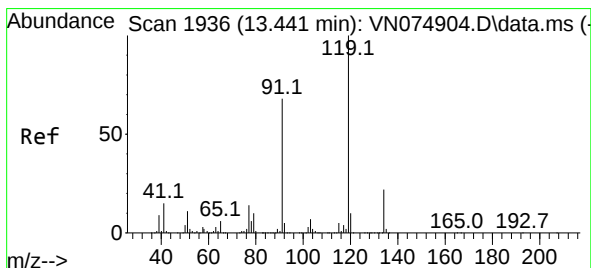
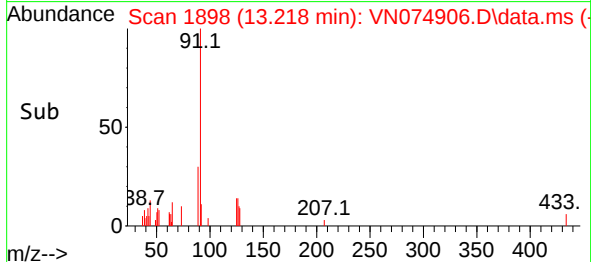
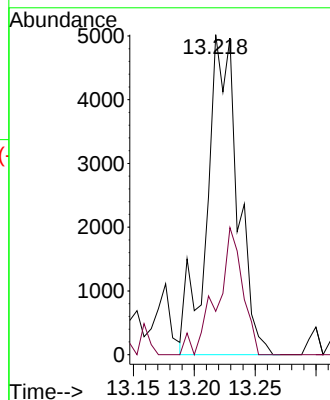
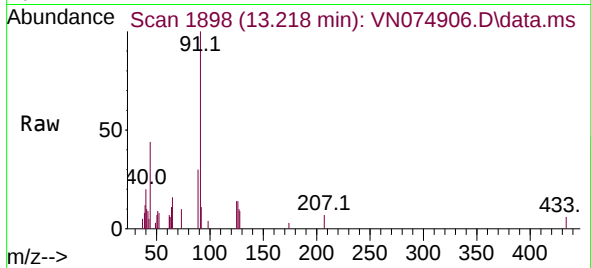




#82
4-Chlorotoluene
Concen: 0.478 ug/l
RT: 13.218 min Scan# 1898
Delta R.T. -0.006 min
Lab File: VN074906.D
Acq: 14 Oct 2022 12:23

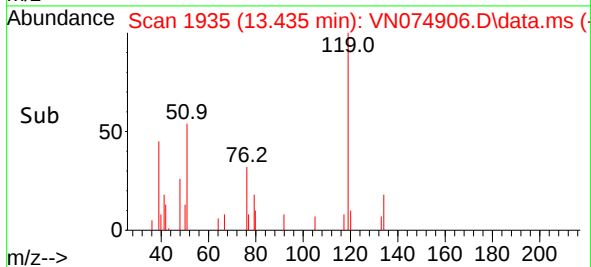
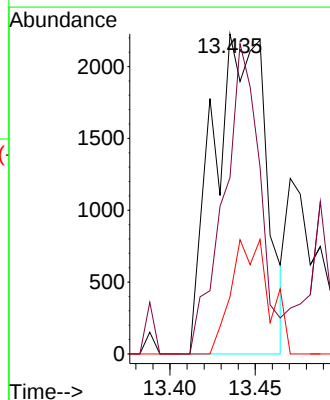
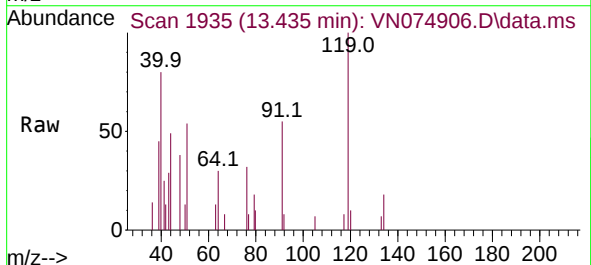
Instrument :
MSVOA_N
ClientSampleId :
IBLK

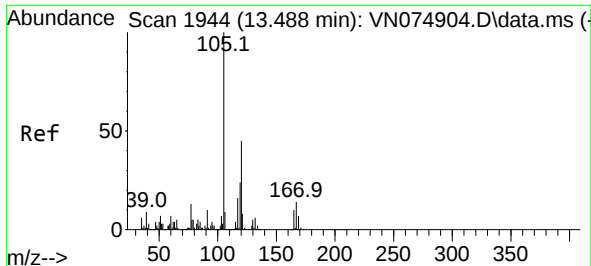
Tgt Ion: 91 Resp: 8802
Ion Ratio Lower Upper
91 100
126 33.1 16.7 50.1



#83
tert-Butylbenzene
Concen: 0.237 ug/l
RT: 13.435 min Scan# 1935
Delta R.T. -0.006 min
Lab File: VN074906.D
Acq: 14 Oct 2022 12:23

Tgt Ion: 119 Resp: 4810
Ion Ratio Lower Upper
119 100
91 66.1 32.9 98.7
134 25.5 13.5 40.4

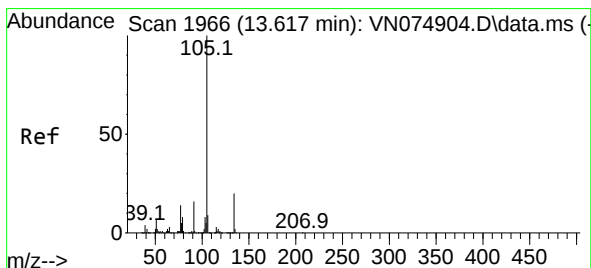
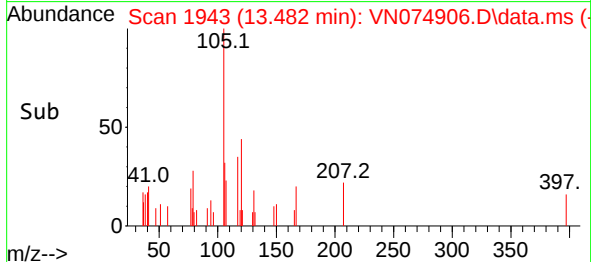
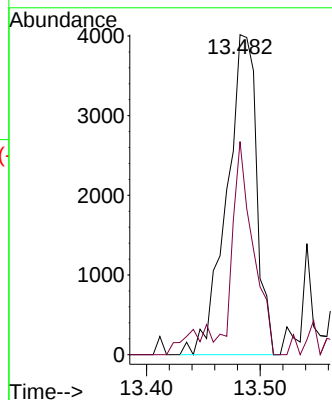
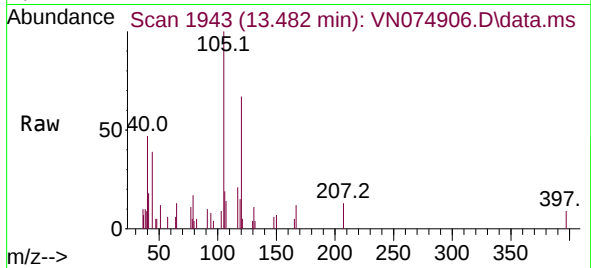




#84
1,2,4-Trimethylbenzene
Concen: 0.319 ug/l
RT: 13.482 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VN074906.D
Acq: 14 Oct 2022 12:23

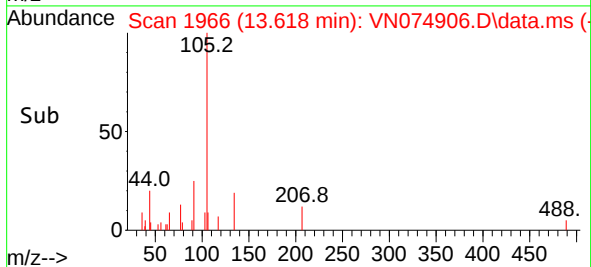
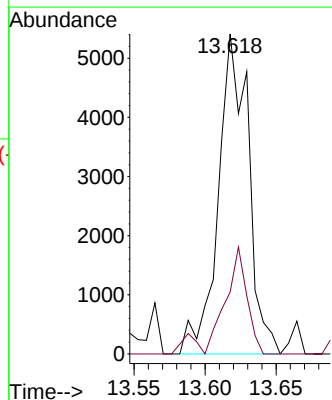
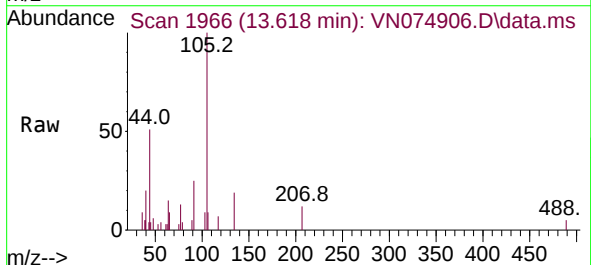
Instrument :
MSVOA_N
ClientSampleId :
IBLK

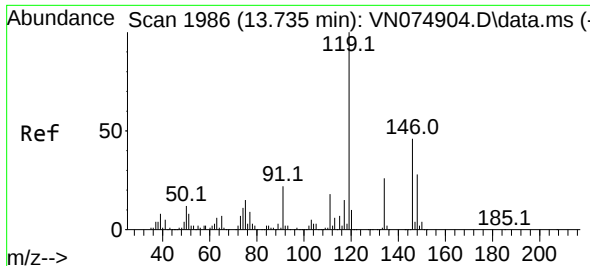
Tgt Ion:105 Resp: 7360
Ion Ratio Lower Upper
105 100
120 45.8 22.1 66.3



#85
sec-Butylbenzene
Concen: 0.274 ug/l
RT: 13.618 min Scan# 1966
Delta R.T. 0.000 min
Lab File: VN074906.D
Acq: 14 Oct 2022 12:23

Tgt Ion:105 Resp: 8016
Ion Ratio Lower Upper
105 100
134 23.4 9.7 28.9

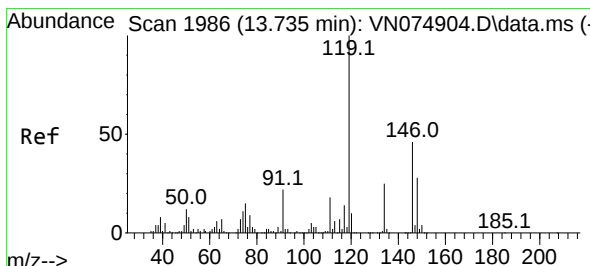
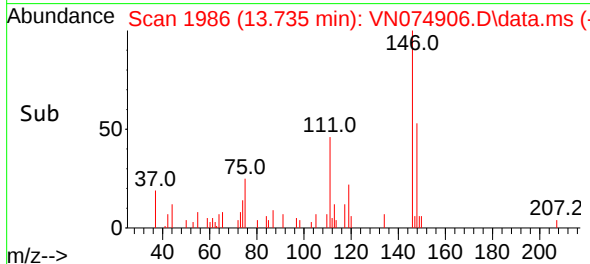
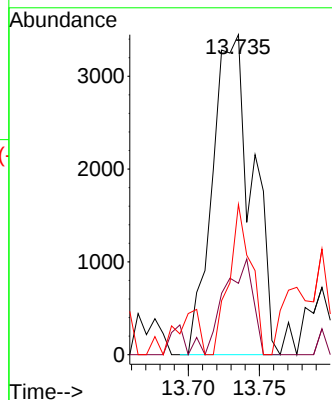
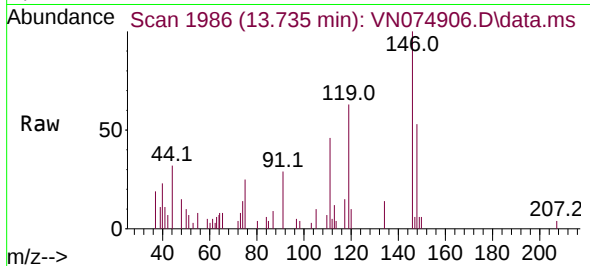




#86
p-Isopropyltoluene
Concen: 0.289 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN074906.D
Acq: 14 Oct 2022 12:23

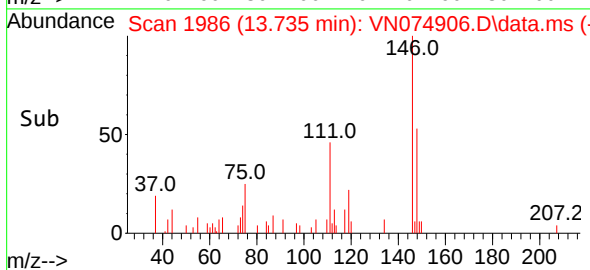
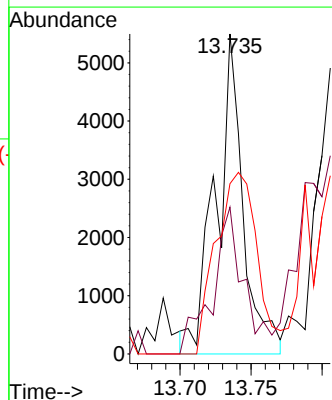
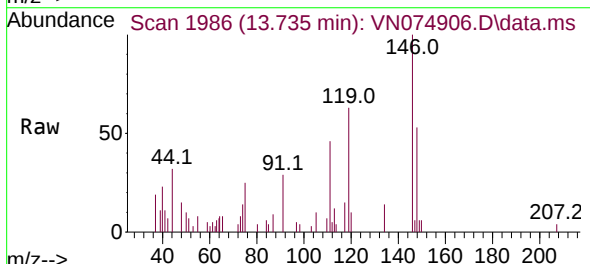
Instrument :
MSVOA_N
ClientSampleId :
IBLK

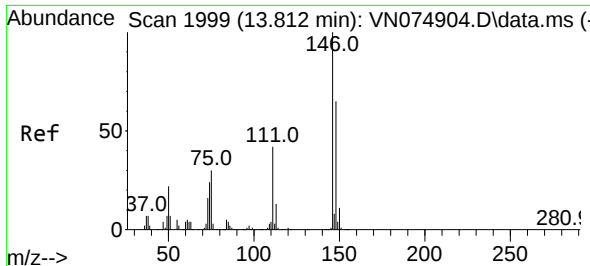
Tgt Ion:119 Resp: 6726
Ion Ratio Lower Upper
119 100
134 21.3 12.7 38.1
91 26.0 11.5 34.5



#87
1,3-Dichlorobenzene
Concen: 0.601 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN074906.D
Acq: 14 Oct 2022 12:23

Tgt Ion:146 Resp: 7210
Ion Ratio Lower Upper
146 100
111 54.0 19.9 59.7
148 87.5 31.4 94.3

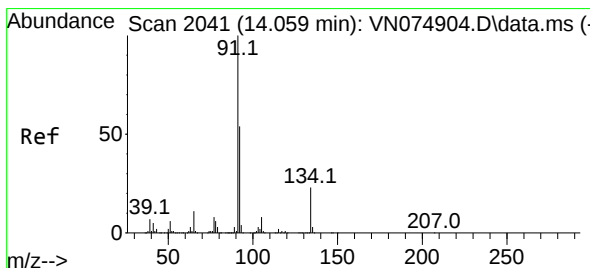
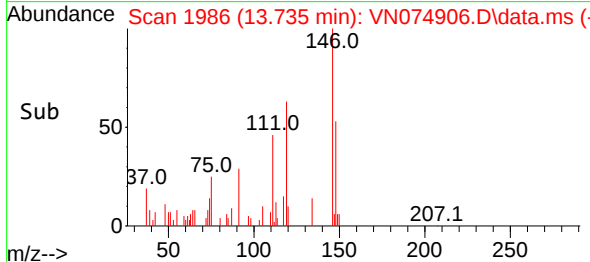
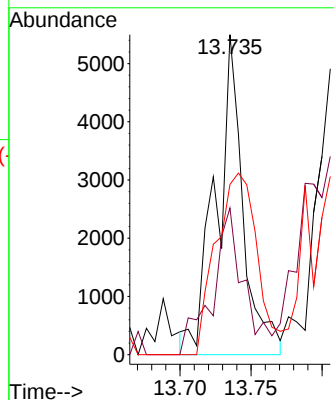
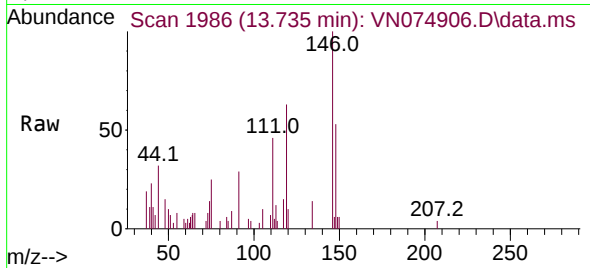




#88
1,4-Dichlorobenzene
Concen: 0.609 ug/l
RT: 13.735 min Scan# 1999
Delta R.T. -0.076 min
Lab File: VN074906.D
Acq: 14 Oct 2022 12:23

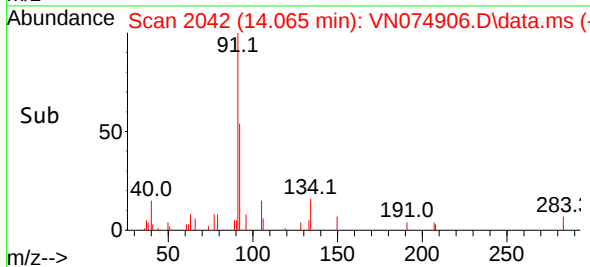
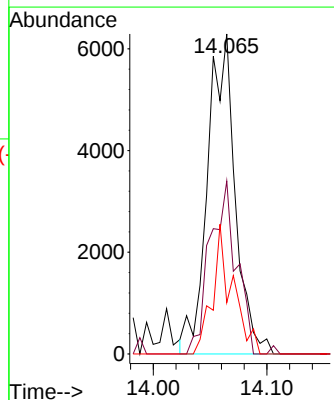
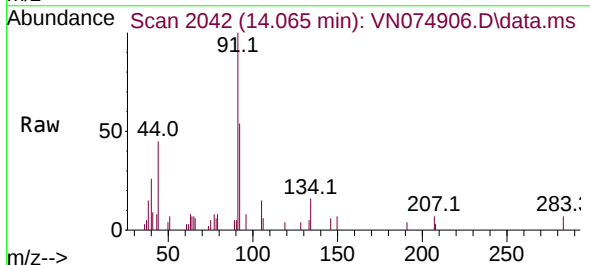
Instrument :
MSVOA_N
ClientSampleId :
IBLK

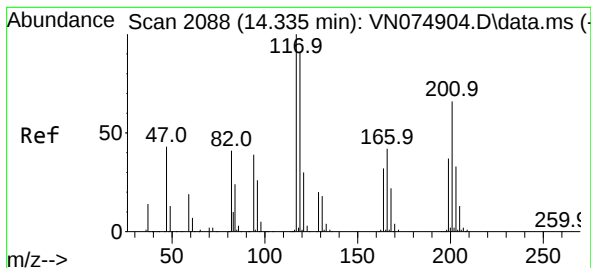
Tgt Ion:146 Resp: 7210
Ion Ratio Lower Upper
146 100
111 54.0 20.2 60.6
148 87.5 31.8 95.3



#89
n-Butylbenzene
Concen: 0.536 ug/l
RT: 14.065 min Scan# 2042
Delta R.T. 0.006 min
Lab File: VN074906.D
Acq: 14 Oct 2022 12:23

Tgt Ion: 91 Resp: 10619
Ion Ratio Lower Upper
91 100
92 51.8 25.9 77.8
134 29.5 11.6 34.7





#90

Hexachloroethane

Concen: Below Cal

RT: 14.323 min Scan# 2086

Delta R.T. -0.012 min

Lab File: VN074906.D

Acq: 14 Oct 2022 12:23

Instrument :

MSVOA_N

ClientSampleId :

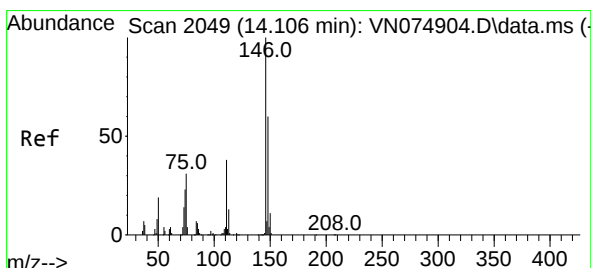
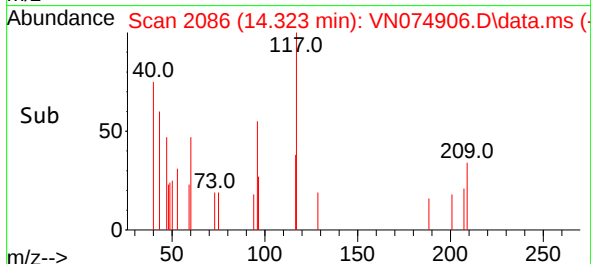
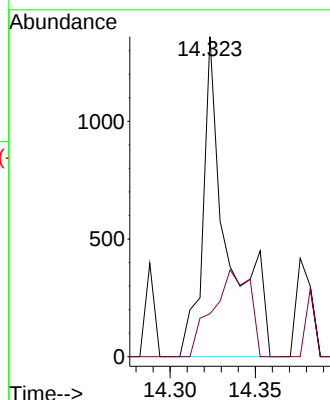
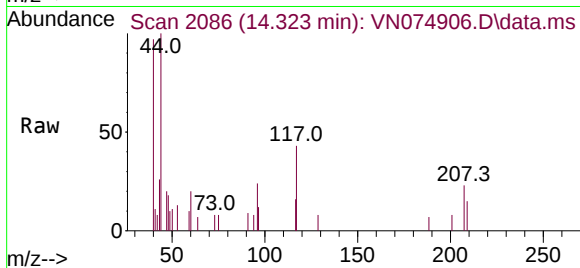
IBLK

Tgt Ion:117 Resp: 1357

Ion Ratio Lower Upper

117 100

201 41.2 33.4 100.1



#91

1,2-Dichlorobenzene

Concen: 0.639 ug/l

RT: 14.112 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VN074906.D

Acq: 14 Oct 2022 12:23

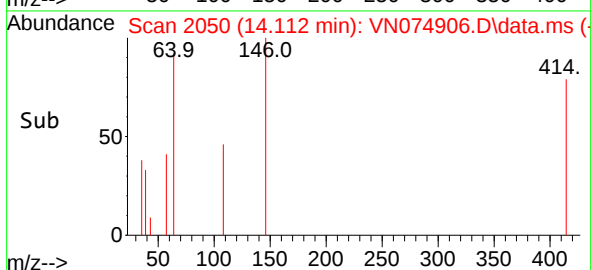
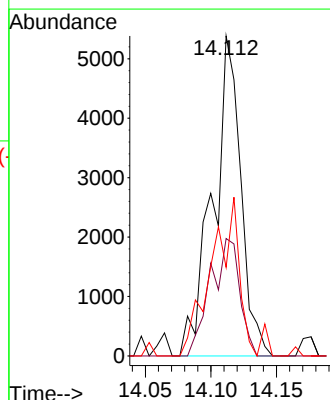
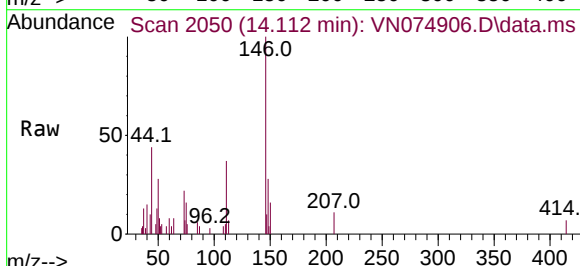
Tgt Ion:146 Resp: 7957

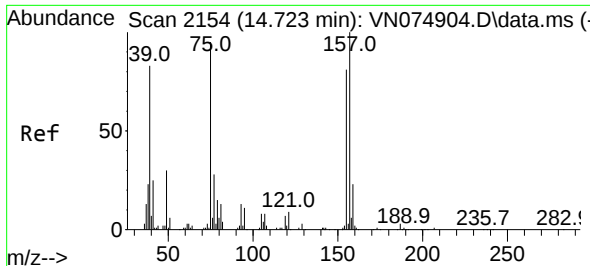
Ion Ratio Lower Upper

146 100

111 38.6 20.5 61.5

148 49.0 31.3 93.8

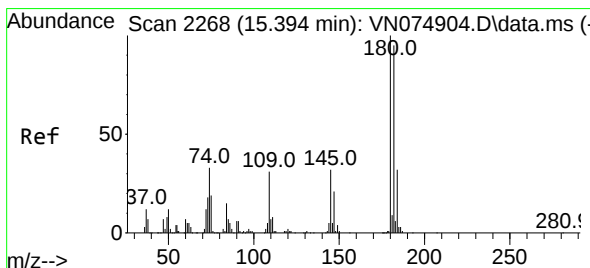
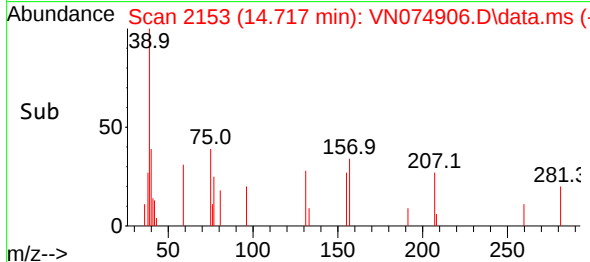
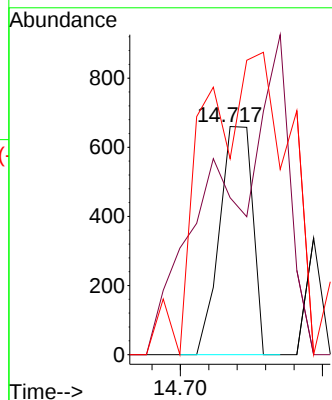
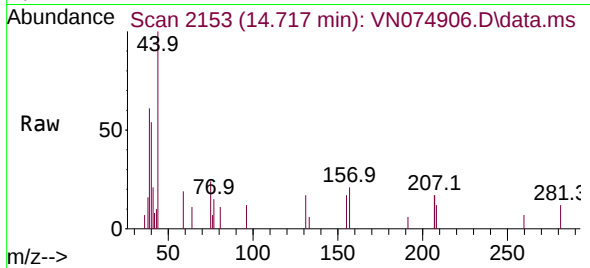




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.252 ug/l
 RT: 14.717 min Scan# 2153
 Delta R.T. -0.006 min
 Lab File: VN074906.D
 Acq: 14 Oct 2022 12:23

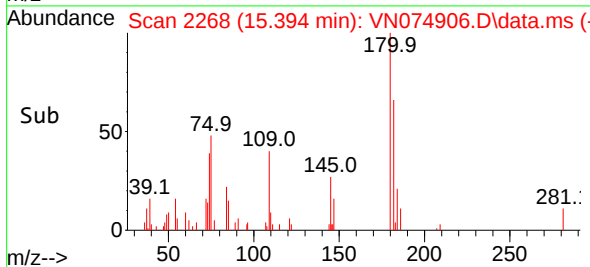
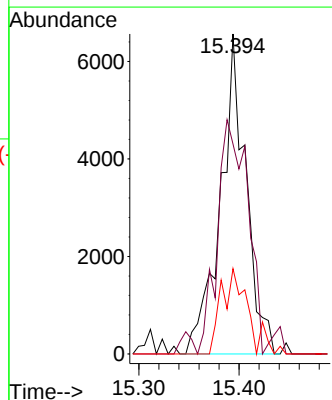
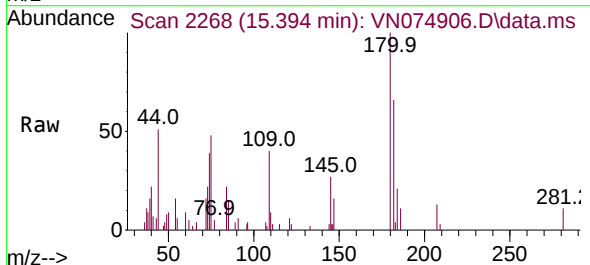
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

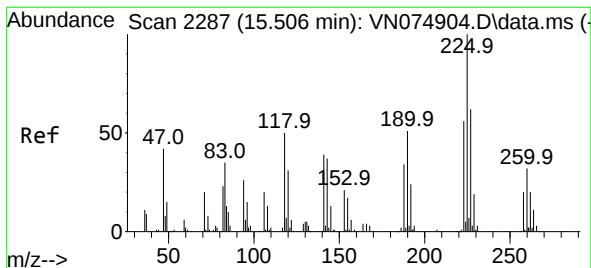
Tgt Ion: 75 Resp: 534
 Ion Ratio Lower Upper
 75 100
 155 275.5 39.4 118.1#
 157 355.1 52.5 157.6#



#93
 1,2,4-Trichlorobenzene
 Concen: 2.058 ug/l
 RT: 15.394 min Scan# 2268
 Delta R.T. 0.000 min
 Lab File: VN074906.D
 Acq: 14 Oct 2022 12:23

Tgt Ion:180 Resp: 11588
 Ion Ratio Lower Upper
 180 100
 182 87.7 45.8 137.4
 145 24.6 14.7 44.1





#94

Hexachlorobutadiene

Concen: 0.773 ug/l

RT: 15.500 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN074906.D

Acq: 14 Oct 2022 12:23

Instrument :

MSVOA_N

ClientSampleId :

IBLK

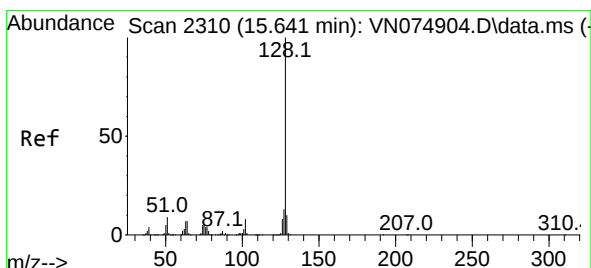
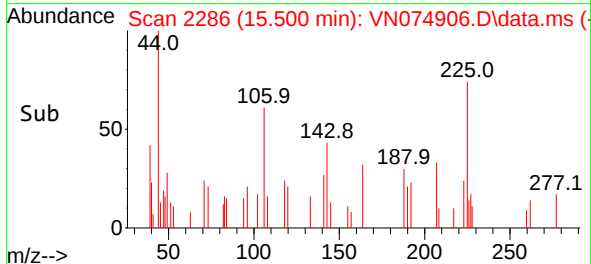
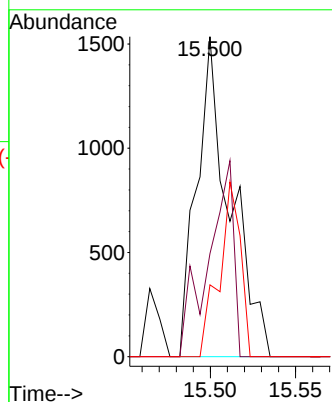
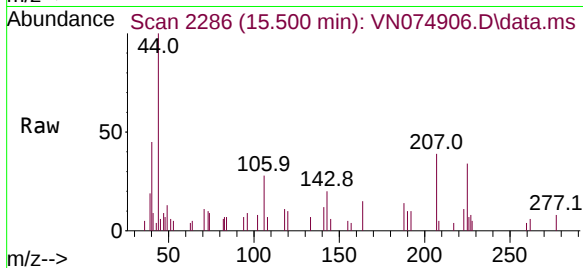
Tgt Ion:225 Resp: 2091

Ion Ratio Lower Upper

225 100

223 46.7 30.1 90.5

227 35.0 31.4 94.0



#95

Naphthalene

Concen: 3.447 ug/l

RT: 15.641 min Scan# 2310

Delta R.T. 0.000 min

Lab File: VN074906.D

Acq: 14 Oct 2022 12:23

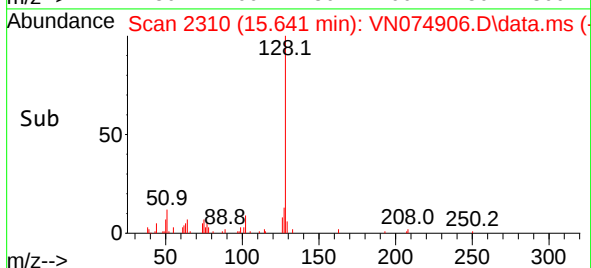
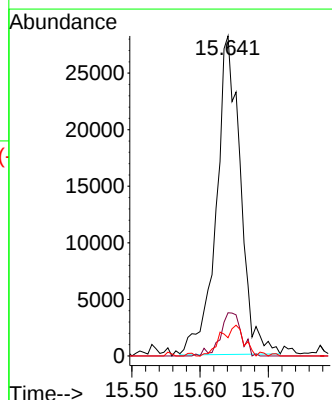
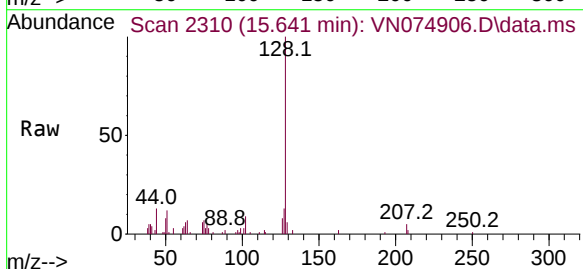
Tgt Ion:128 Resp: 69463

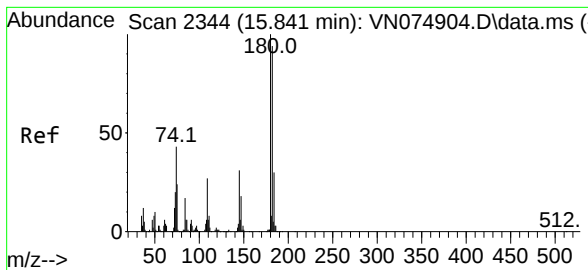
Ion Ratio Lower Upper

128 100

127 11.8 10.2 15.4

129 9.0 8.3 12.5





#96
 1,2,3-Trichlorobenzene
 Concen: 2.789 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN074906.D
 Acq: 14 Oct 2022 12:23

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Tgt Ion:	180	Resp:	14874
Ion	Ratio	Lower	Upper
180	100		
182	51.4	48.0	144.0
145	30.9	15.7	47.0

