

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060822\
 Data File : VN072708.D
 Acq On : 08 Jun 2022 19:05
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jun 09 05:18:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060822W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 05:17:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	262800	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	445985	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	382796	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	140929	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	195836	27.765	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	55.520%#
35) Dibromofluoromethane	8.016	113	150647	34.137	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	68.280%#
50) Toluene-d8	10.439	98	486449	27.629	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	55.260%#
62) 4-Bromofluorobenzene	12.727	95	184225	30.492	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	60.980%

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	2.069	85	972	0.228	ug/l	81
5) Bromomethane	2.857	94	2003	Below Cal		82
6) Chloroethane	3.004	64	499	Below Cal	#	42
10) Methyl Iodide	4.428	142	1404	0.370	ug/l	# 55
11) Tert butyl alcohol	5.375	59	577	0.343	ug/l	# 72
12) 1,1-Dichloroethene	4.187	96	759	0.200	ug/l	# 65
13) Acrolein	4.040	56	1216	1.750	ug/l	92
15) Acrylonitrile	5.557	53	5353	1.502	ug/l	# 75
16) Acetone	4.304	43	4197	1.242	ug/l	96
17) Carbon Disulfide	4.540	76	7426	1.126	ug/l	# 94
18) Methyl Acetate	4.857	43	2973	0.338	ug/l	# 56
21) trans-1,2-Dichloroethene	5.592	96	1538	0.368	ug/l	81
23) Vinyl Acetate	6.434	43	4685	0.288	ug/l	95
25) 2-Butanone	7.339	43	7544	1.388	ug/l	92
26) 2,2-Dichloropropane	7.310	77	1875	0.225	ug/l	# 53
27) cis-1,2-Dichloroethene	7.328	96	1307	0.246	ug/l	92
29) Tetrahydrofuran	7.698	42	2560	0.762	ug/l	# 79
31) Cyclohexane	8.075	56	9151	0.522	ug/l	# 47
36) 1,1-Dichloropropene	8.210	75	2300	0.375	ug/l	# 52
38) Carbon Tetrachloride	8.081	117	31072	4.747	ug/l	# 16
39) Methylcyclohexane	9.451	83	1445	0.203	ug/l	# 62
41) Methacrylonitrile	7.634	41	704	0.219	ug/l	# 58
44) Trichloroethene	9.216	130	1468	0.339	ug/l	65
46) Dibromomethane	9.575	93	947	0.270	ug/l	# 69
49) 1,4-Dioxane	9.563	88	286	2.231	ug/l	# 39
51) 4-Methyl-2-Pentanone	10.327	43	7599	0.787	ug/l	# 84
52) Toluene	10.504	92	2336	0.201	ug/l	93
59) 2-Hexanone	11.086	43	15465	2.179	ug/l	83
64) Tetrachloroethene	10.975	164	1243	0.386	ug/l	92
65) Chlorobenzene	11.774	112	4140	0.406	ug/l	# 85
67) Ethyl Benzene	11.845	91	5326	0.278	ug/l	# 82
68) m/p-Xylenes	11.951	106	4398	0.645	ug/l	93
69) o-Xylene	12.274	106	1430	0.209	ug/l	80
70) Styrene	12.292	104	4103	0.381	ug/l	95
71) Bromoform	12.457	173	834	0.292	ug/l	# 91
73) Isopropylbenzene	12.574	105	4667	0.309	ug/l	98

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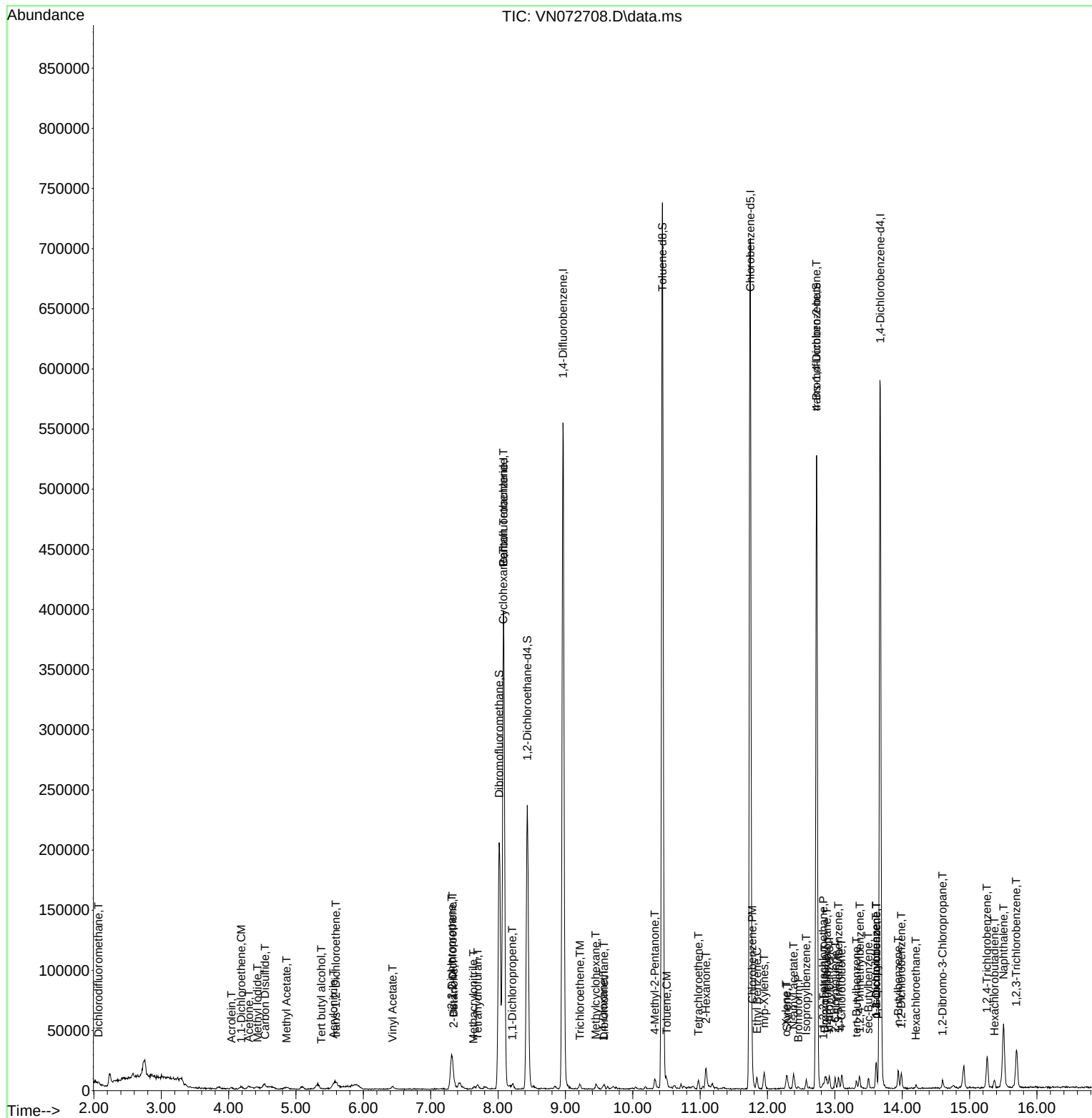
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

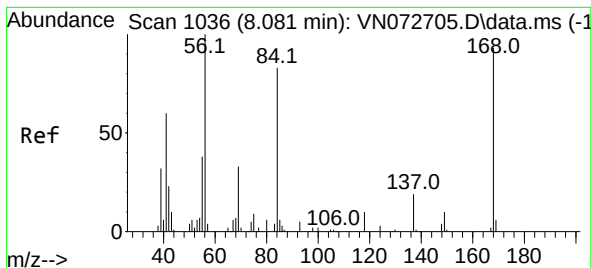
74) N-amyl acetate	12.386	43	8445	1.202	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.827	83	2074	0.395	ug/l	91
76) 1,2,3-Trichloropropane	12.880	75	3625	0.797	ug/l #	1
77) Bromobenzene	12.851	156	1698	0.570	ug/l	54
78) n-propylbenzene	12.916	91	8831	0.535	ug/l	90
79) 2-Chlorotoluene	13.004	91	5230	0.505	ug/l	84
80) 1,3,5-Trimethylbenzene	13.051	105	4711	0.393	ug/l	87
81) trans-1,4-Dichloro-2-b...	12.727	75	106460	61.223	ug/l #	10
82) 4-Chlorotoluene	13.098	91	7485	0.783	ug/l	100
83) tert-Butylbenzene	13.321	119	3343	0.318	ug/l	85
84) 1,2,4-Trimethylbenzene	13.368	105	6126	0.535	ug/l	87
85) sec-Butylbenzene	13.498	105	6198	0.437	ug/l	97
86) p-Isopropyltoluene	13.610	119	5846	0.524	ug/l	93
87) 1,3-Dichlorobenzene	13.616	146	5092	1.006	ug/l	92
88) 1,4-Dichlorobenzene	13.616	146	5092	1.027	ug/l	90
89) n-Butylbenzene	13.939	91	9473	1.007	ug/l	91
90) Hexachloroethane	14.204	117	595	0.246	ug/l	59
91) 1,2-Dichlorobenzene	13.986	146	4936	0.995	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	14.598	75	1612	1.272	ug/l	74
93) 1,2,4-Trichlorobenzene	15.257	180	8355	3.501	ug/l	91
94) Hexachlorobutadiene	15.368	225	1090	1.020	ug/l	96
95) Naphthalene	15.504	128	58621	6.331	ug/l	99
96) 1,2,3-Trichlorobenzene	15.692	180	11375	4.786	ug/l	92

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.081 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN072708.D

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ClientSampleId :

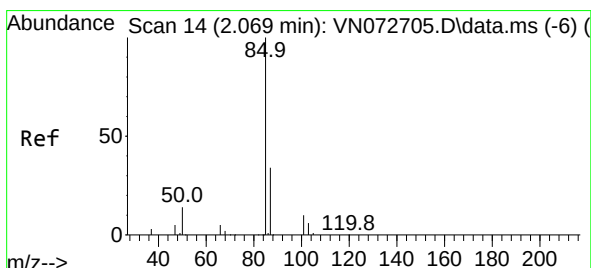
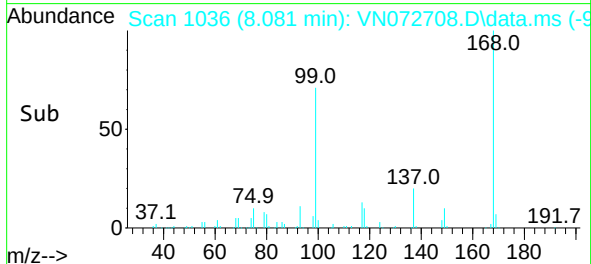
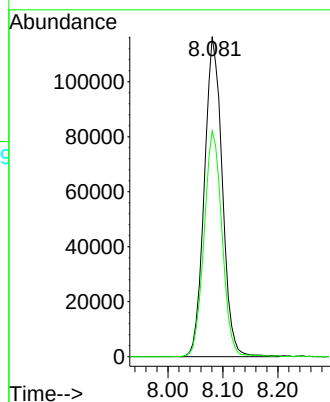
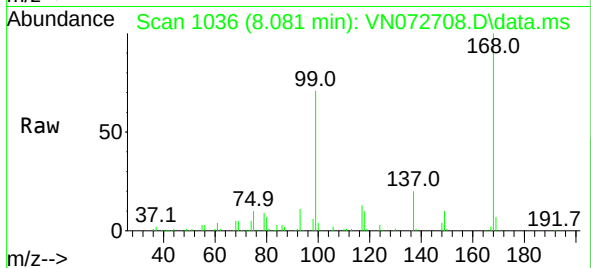
IBLK

Tgt Ion:168 Resp: 262800

Ion Ratio Lower Upper

168 100

99 70.5 42.3 63.5#



#2

Dichlorodifluoromethane

Concen: 0.228 ug/l

RT: 2.069 min Scan# 14

Delta R.T. 0.000 min

Lab File: VN072708.D

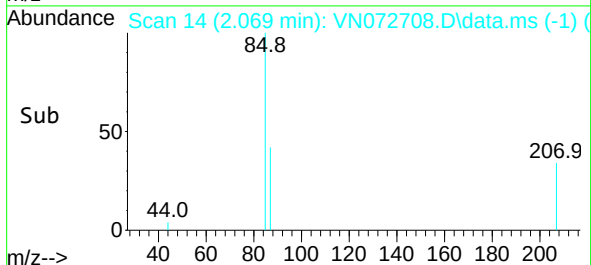
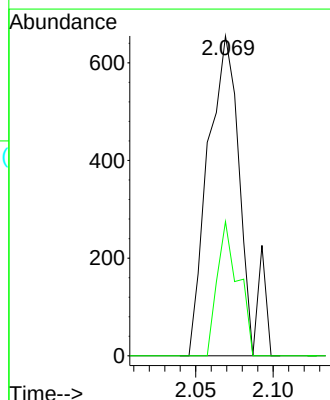
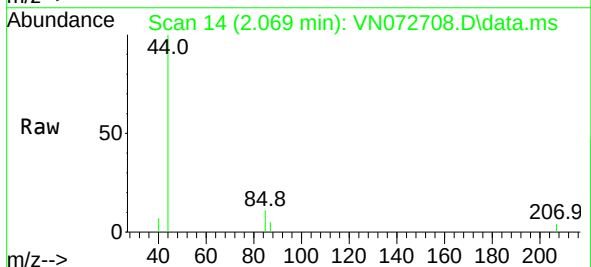
Acq: 08 Jun 2022 19:05

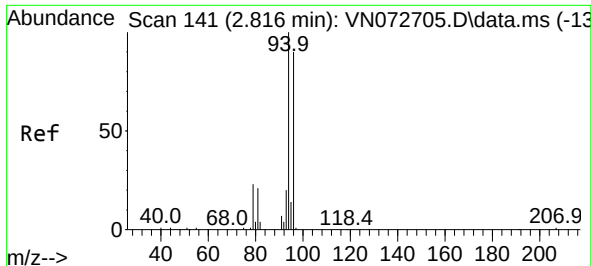
Tgt Ion: 85 Resp: 972

Ion Ratio Lower Upper

85 100

87 42.0 15.7 47.1

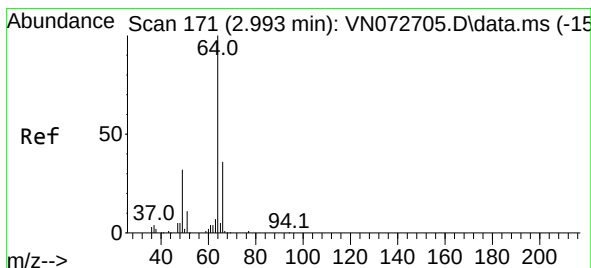
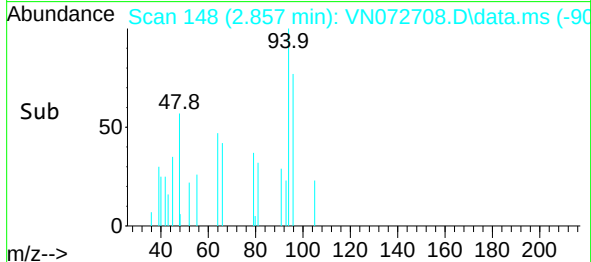
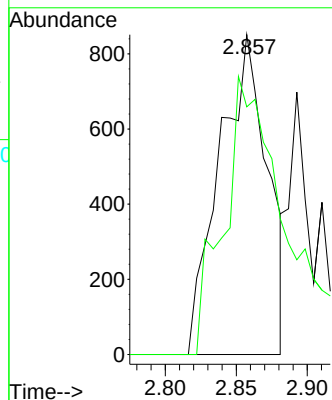
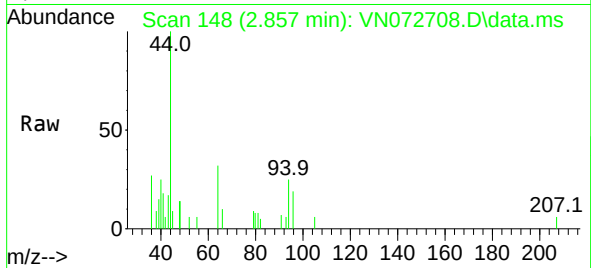




#5
Bromomethane
Concen: Below Cal
RT: 2.857 min Scan# 141
Delta R.T. 0.041 min
Lab File: VN072708.D
Acq: 08 Jun 2022 19:05

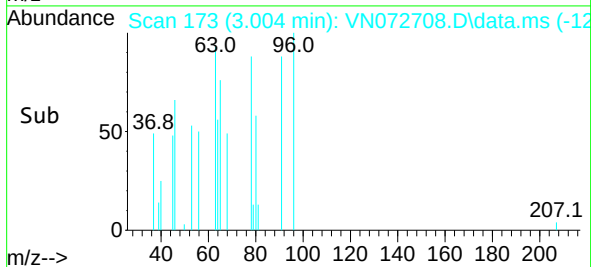
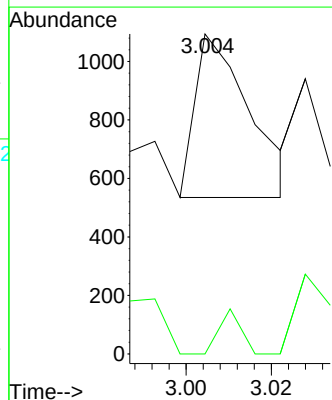
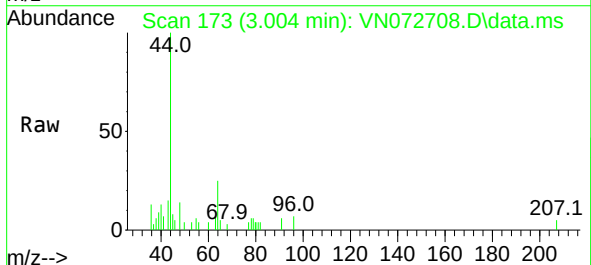
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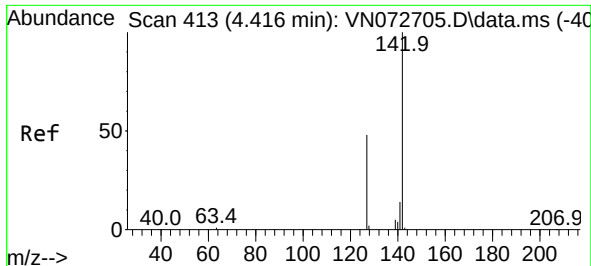
Tgt Ion: 94 Resp: 2003
Ion Ratio Lower Upper
94 100
96 77.4 76.0 114.0



#6
Chloroethane
Concen: Below Cal
RT: 3.004 min Scan# 173
Delta R.T. 0.011 min
Lab File: VN072708.D
Acq: 08 Jun 2022 19:05

Tgt Ion: 64 Resp: 499
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

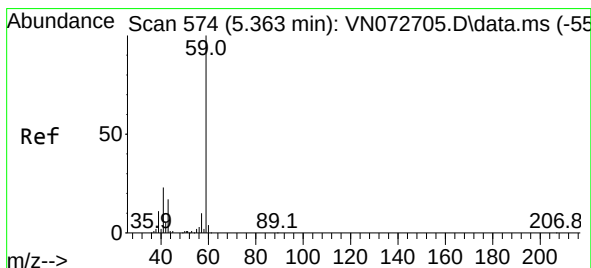
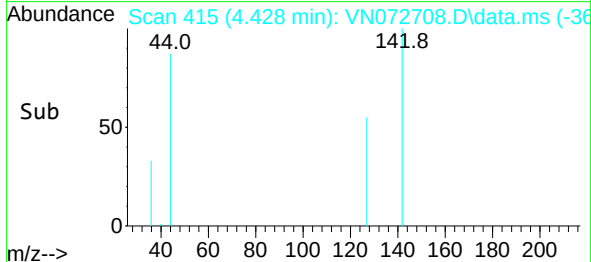
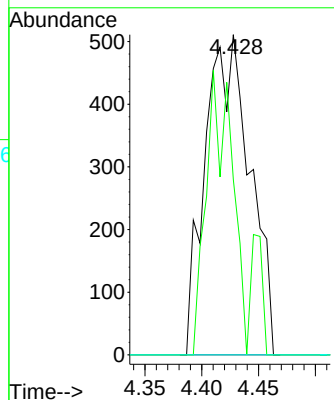
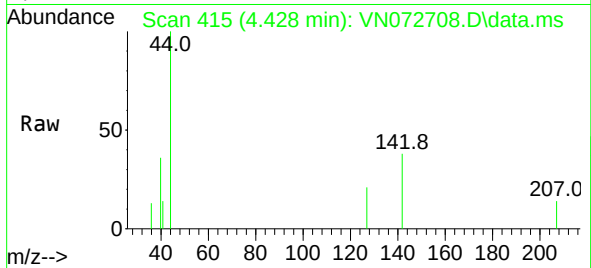




#10
Methyl Iodide
Concen: 0.370 ug/l
RT: 4.428 min Scan# 413
Delta R.T. 0.012 min
Lab File: VN072708.D
Acq: 08 Jun 2022 19:05

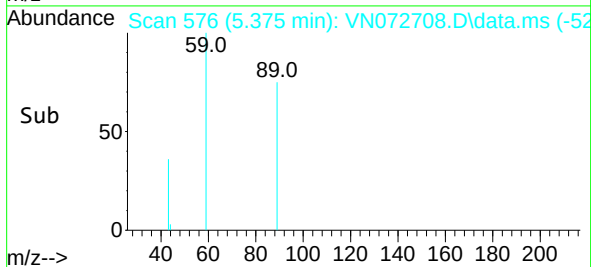
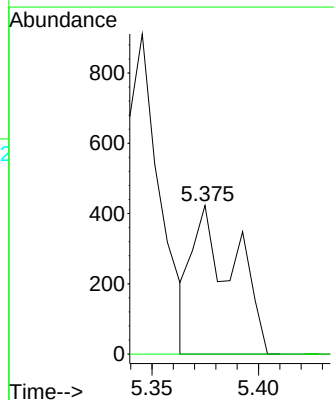
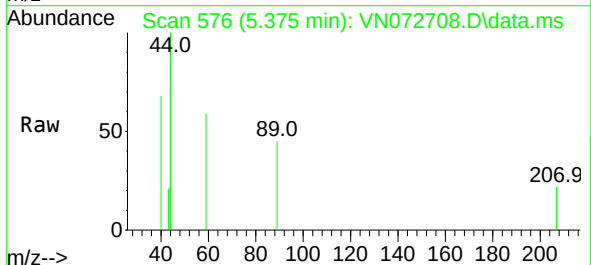
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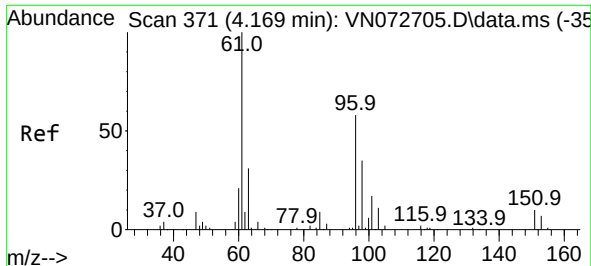
Tgt Ion:142 Resp: 1404
Ion Ratio Lower Upper
142 100
127 9.5 31.3 46.9#
141 0.0 11.2 16.8#



#11
Tert butyl alcohol
Concen: 0.343 ug/l
RT: 5.375 min Scan# 576
Delta R.T. 0.012 min
Lab File: VN072708.D
Acq: 08 Jun 2022 19:05

Tgt Ion: 59 Resp: 577
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

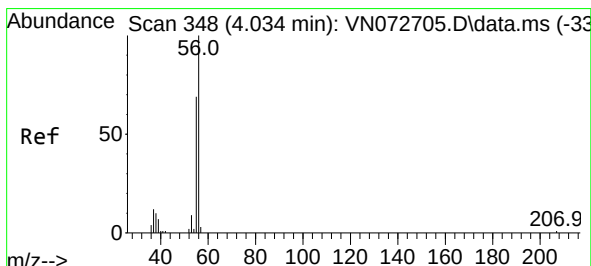
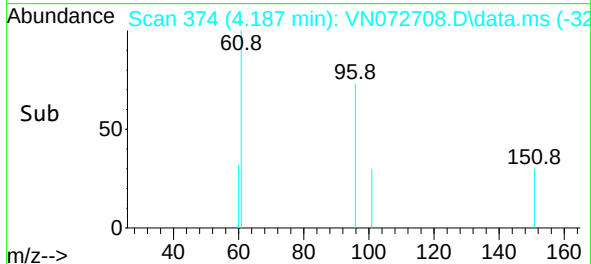
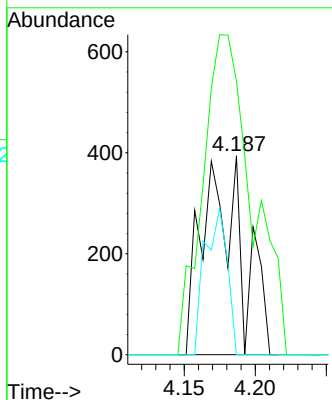
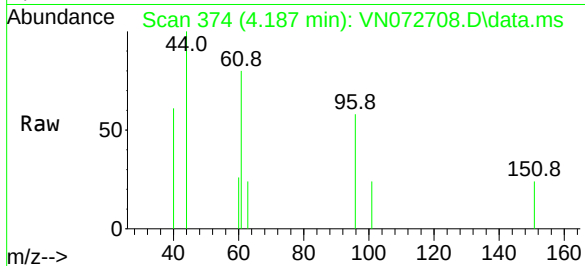




#12
1,1-Dichloroethene
Concen: 0.200 ug/l
RT: 4.187 min Scan# 31
Delta R.T. 0.018 min
Lab File: VN072708.D
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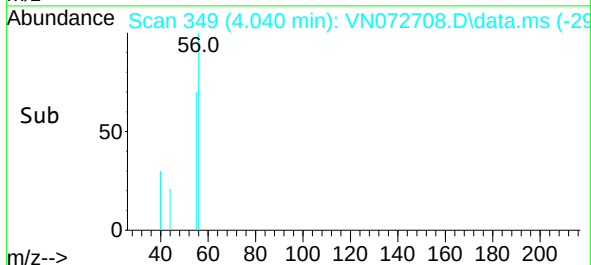
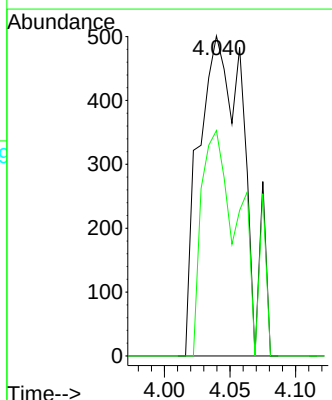
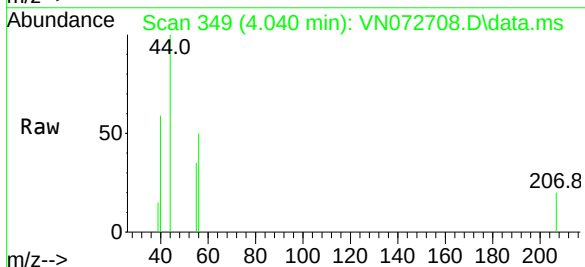
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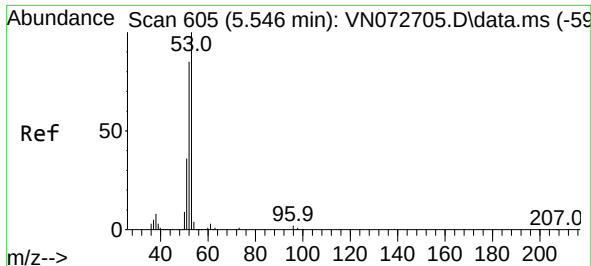
Tgt Ion: 96 Resp: 759
Ion Ratio Lower Upper
96 100
61 137.6 127.6 191.4
98 0.0 51.2 76.8#



#13
Acrolein
Concen: 1.750 ug/l
RT: 4.040 min Scan# 349
Delta R.T. 0.006 min
Lab File: VN072708.D
Acq: 08 Jun 2022 19:05

Tgt Ion: 56 Resp: 1216
Ion Ratio Lower Upper
56 100
55 62.1 54.8 82.2

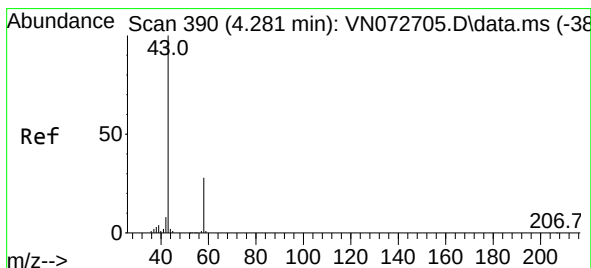
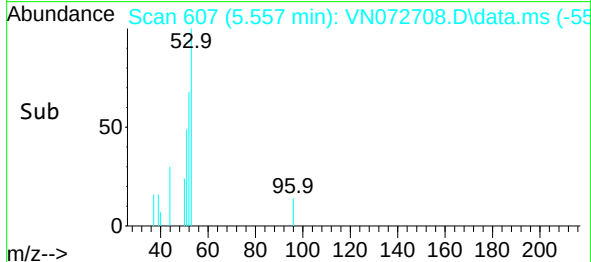
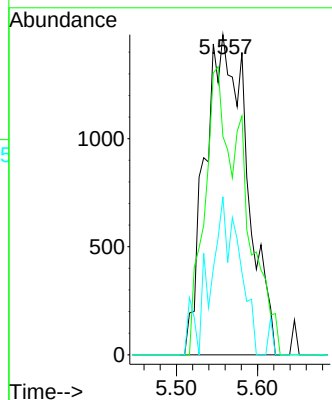
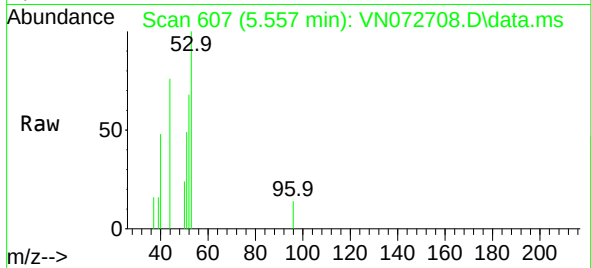




#15
Acrylonitrile
Concen: 1.502 ug/l
RT: 5.557 min Scan# 605
Delta R.T. 0.011 min
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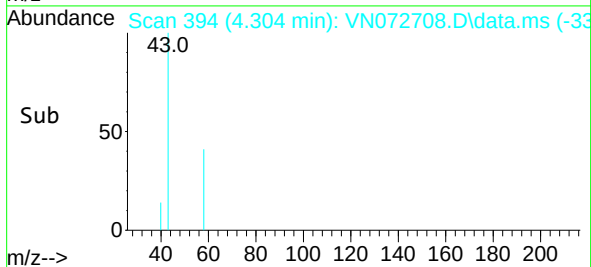
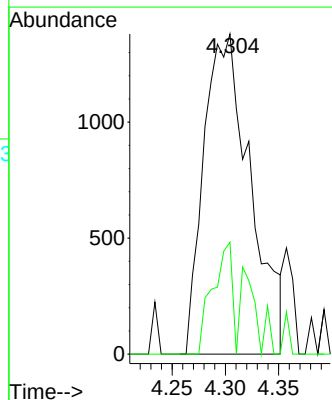
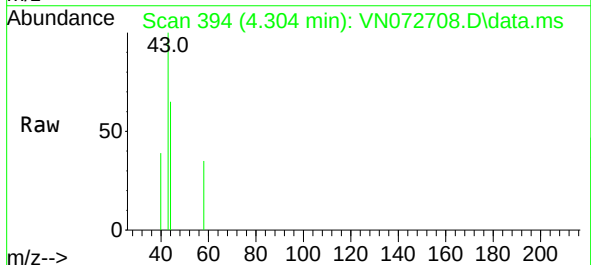
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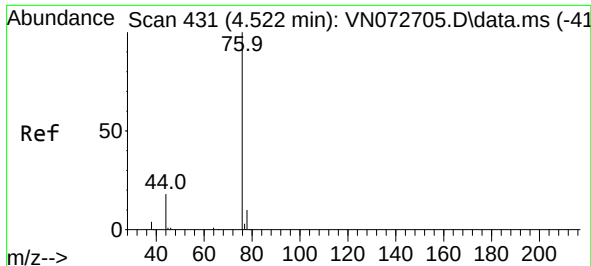
Tgt Ion: 53 Resp: 5353
Ion Ratio Lower Upper
53 100
52 51.4 66.4 99.6#
51 34.8 28.5 42.7



#16
Acetone
Concen: 1.242 ug/l
RT: 4.304 min Scan# 394
Delta R.T. 0.023 min
Lab File: VN072708.D
Acq: 08 Jun 2022 19:05

Tgt Ion: 43 Resp: 4197
Ion Ratio Lower Upper
43 100
58 34.9 26.0 39.0





#17

Carbon Disulfide

Concen: 1.126 ug/l

RT: 4.540 min Scan# 41

Delta R.T. 0.018 min

Lab File: VN072708.D

Acq: 08 Jun 2022 19:05

Instrument :

MSVOA_N

ClientSampleId :

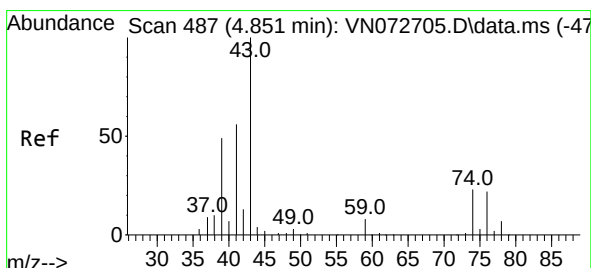
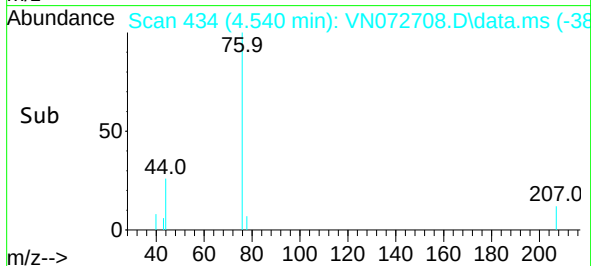
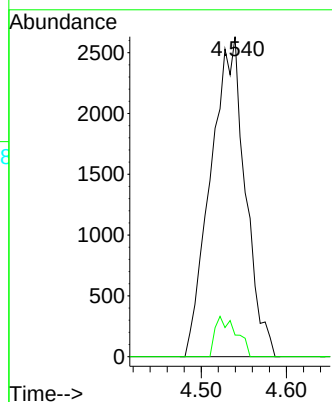
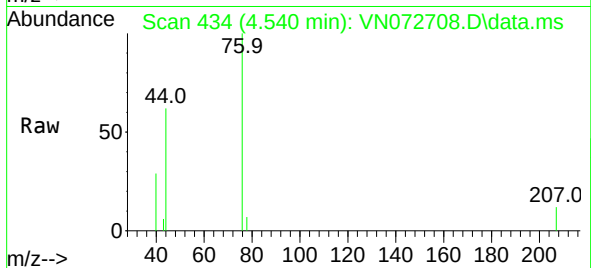
IBLK

Tgt Ion: 76 Resp: 7426

Ion Ratio Lower Upper

76 100

78 6.8 7.2 10.8#



#18

Methyl Acetate

Concen: 0.338 ug/l

RT: 4.857 min Scan# 488

Delta R.T. 0.006 min

Lab File: VN072708.D

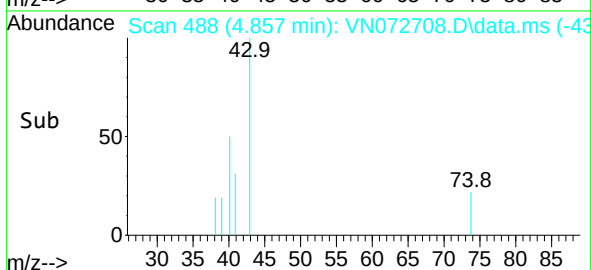
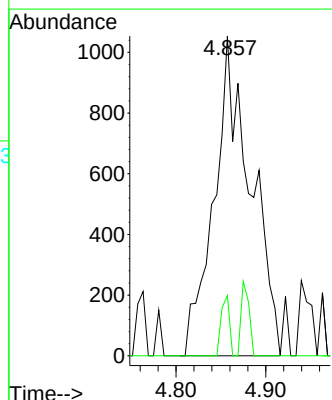
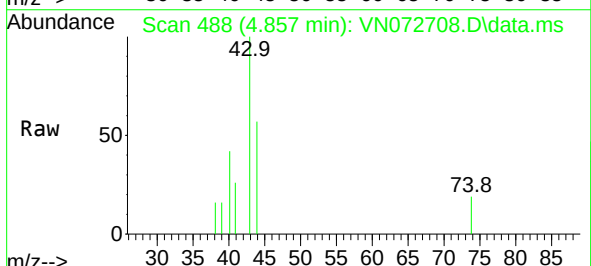
Acq: 08 Jun 2022 19:05

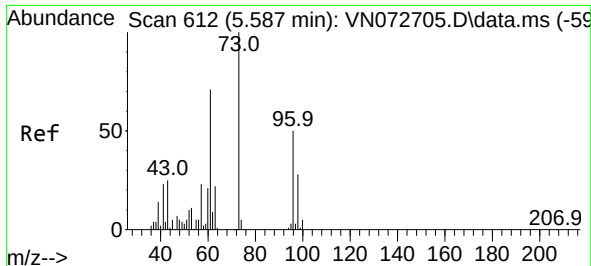
Tgt Ion: 43 Resp: 2973

Ion Ratio Lower Upper

43 100

74 4.2 21.6 32.4#

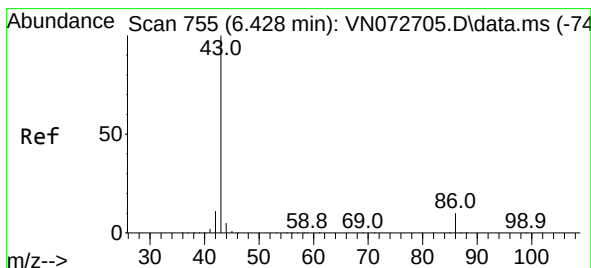
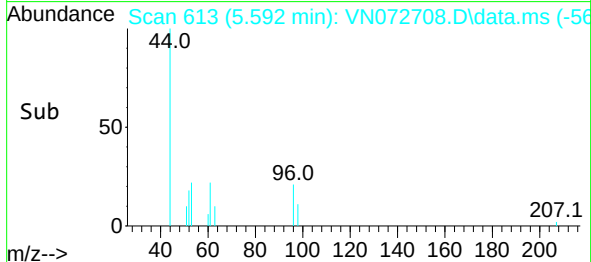
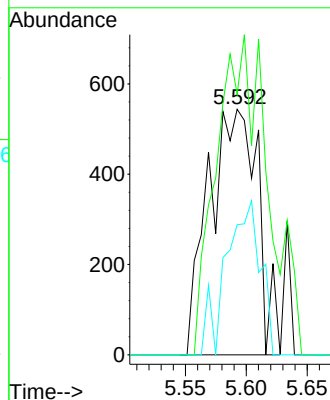
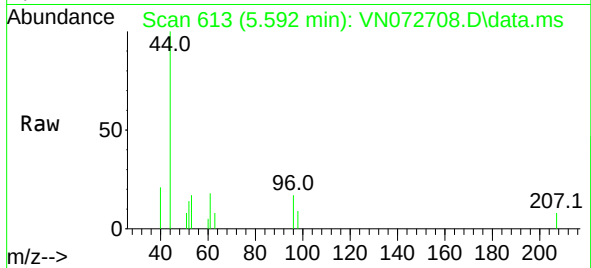




#21
trans-1,2-Dichloroethene
Concen: 0.368 ug/l
RT: 5.592 min Scan# 612
Delta R.T. 0.005 min
Lab File: VN072708.D
Acq: 08 Jun 2022 19:05

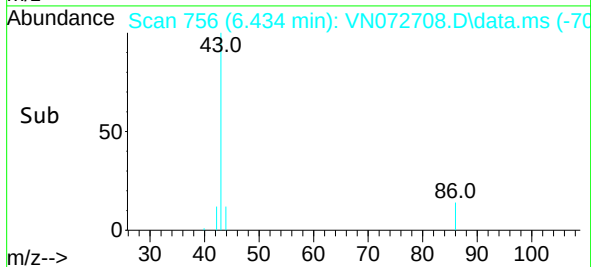
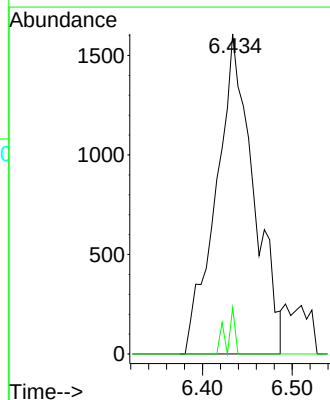
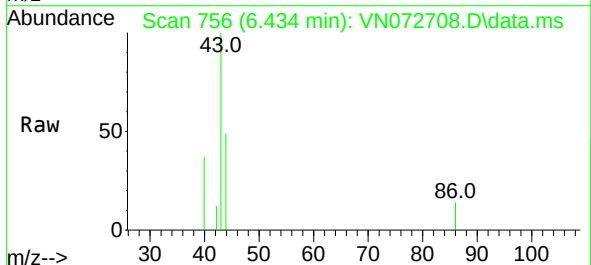
Instrument :
MSVOA_N
ClientSampleId :
IBLK

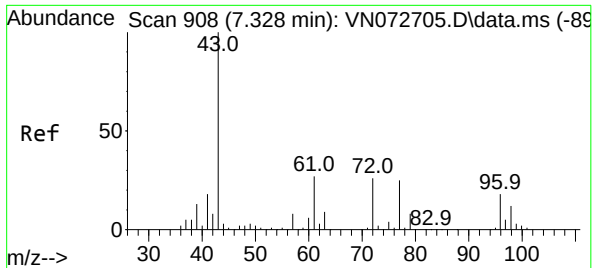
Tgt Ion: 96 Resp: 1538
Ion Ratio Lower Upper
96 100
61 106.1 105.8 158.8
98 52.9 50.3 75.5



#23
Vinyl Acetate
Concen: 0.288 ug/l
RT: 6.434 min Scan# 756
Delta R.T. 0.006 min
Lab File: VN072708.D
Acq: 08 Jun 2022 19:05

Tgt Ion: 43 Resp: 4685
Ion Ratio Lower Upper
43 100
86 14.5 10.0 15.0

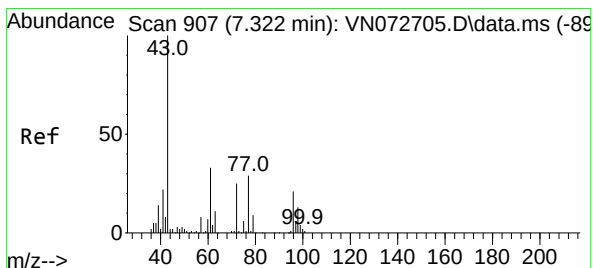
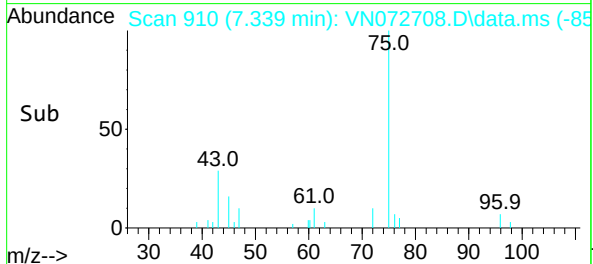
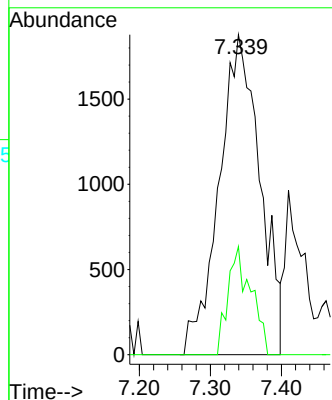
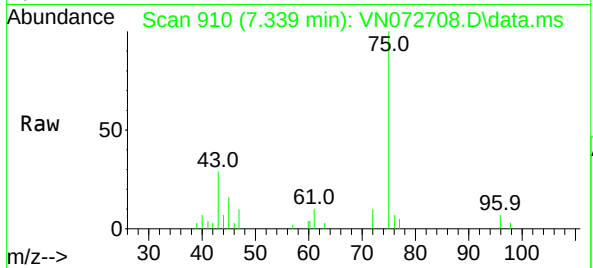




#25
2-Butanone
Concen: 1.388 ug/l
RT: 7.339 min Scan# 910
Delta R.T. 0.011 min
Lab File: VN072708.D
Acq: 08 Jun 2022 19:05

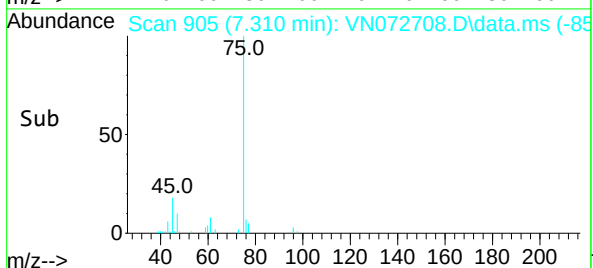
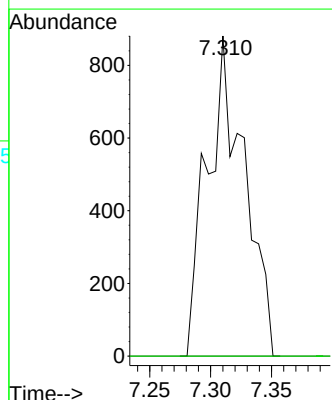
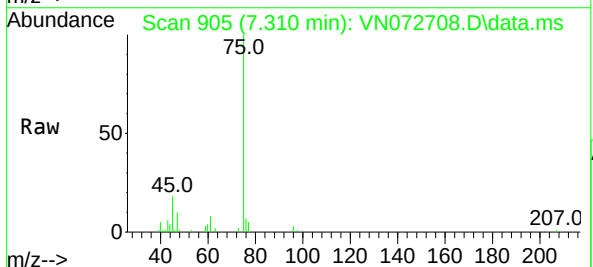
Instrument :
MSVOA_N
ClientSampleId :
IBLK

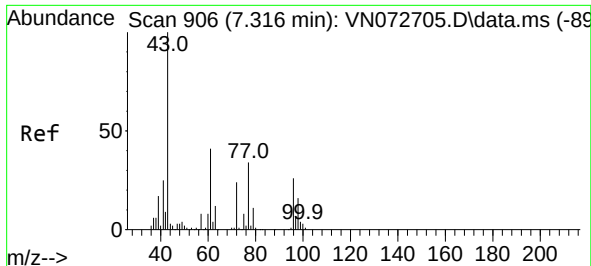
Tgt Ion: 43 Resp: 7544
Ion Ratio Lower Upper
43 100
72 33.8 23.7 35.5



#26
2,2-Dichloropropane
Concen: 0.225 ug/l
RT: 7.310 min Scan# 905
Delta R.T. -0.012 min
Lab File: VN072708.D
Acq: 08 Jun 2022 19:05

Tgt Ion: 77 Resp: 1875
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.2#

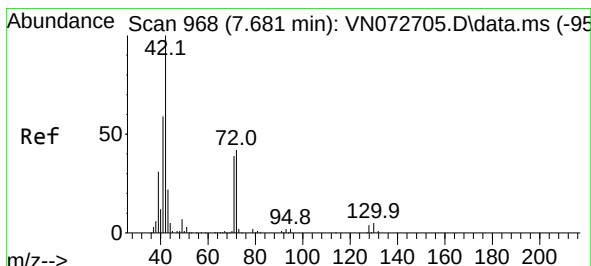
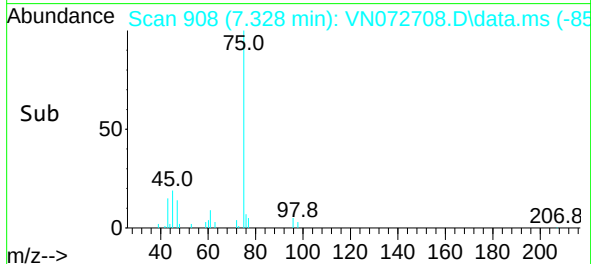
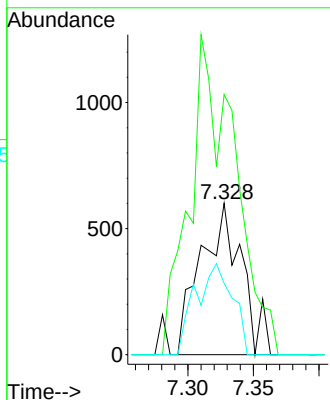
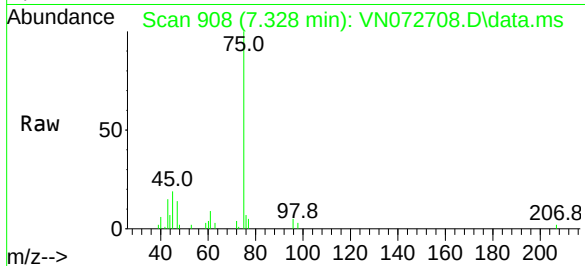




#27
 cis-1,2-Dichloroethene
 Concen: 0.246 ug/l
 RT: 7.328 min Scan# 906
 Delta R.T. 0.012 min
 Lab File: VN072708.D
 Acq: 08 Jun 2022 19:05

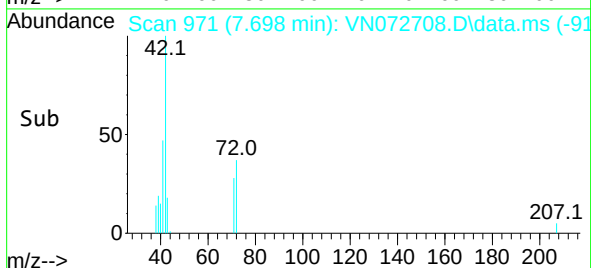
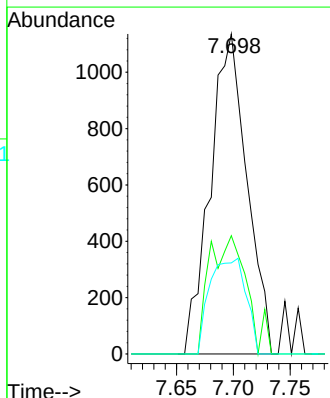
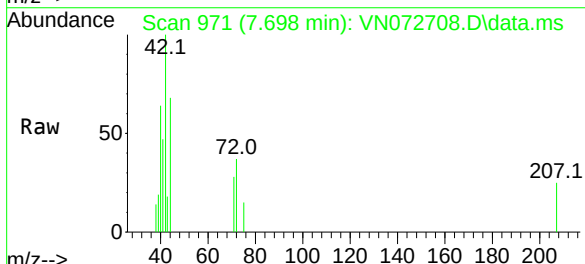
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

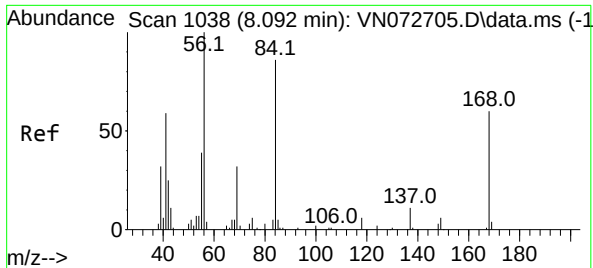
Tgt Ion: 96 Resp: 1307
 Ion Ratio Lower Upper
 96 100
 61 133.1 0.0 280.6
 98 54.2 0.0 128.4



#29
 Tetrahydrofuran
 Concen: 0.762 ug/l
 RT: 7.698 min Scan# 971
 Delta R.T. 0.017 min
 Lab File: VN072708.D
 Acq: 08 Jun 2022 19:05

Tgt Ion: 42 Resp: 2560
 Ion Ratio Lower Upper
 42 100
 72 37.4 39.7 59.5#
 71 29.2 36.6 55.0#

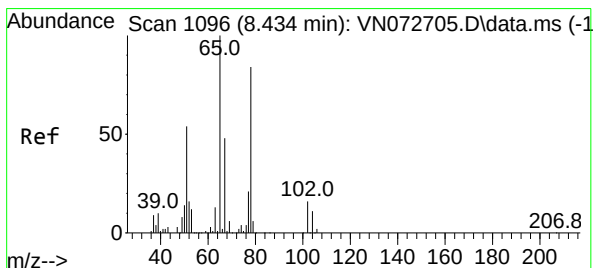
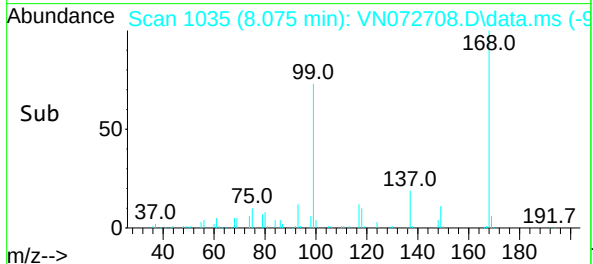
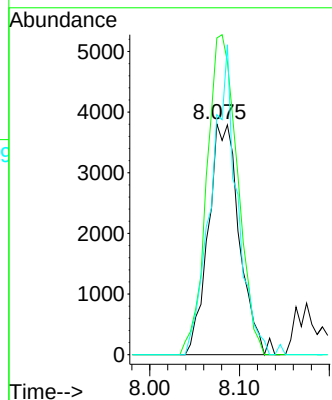
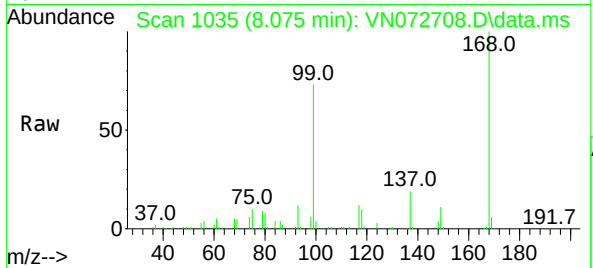




#31
Cyclohexane
Concen: 0.522 ug/l
RT: 8.075 min Scan# 1035
Delta R.T. -0.017 min
Lab File: VN072708.D
Acq: 08 Jun 2022 19:05

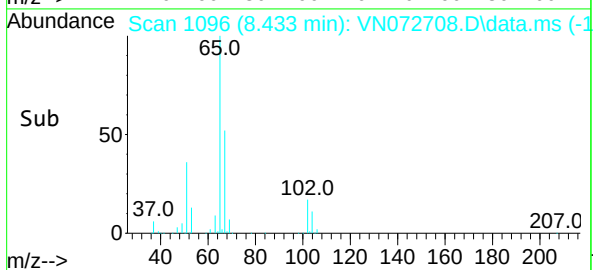
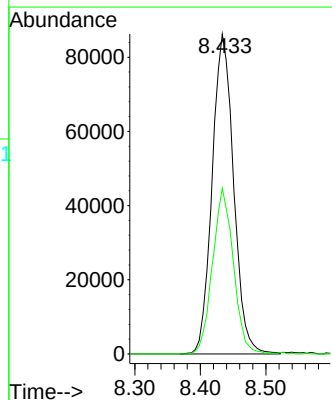
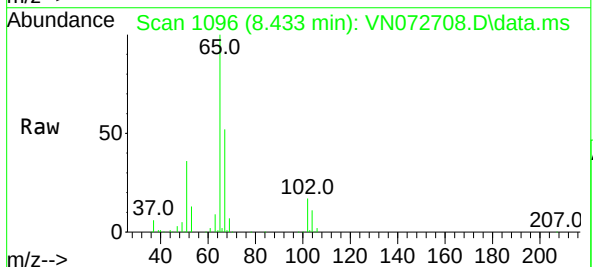
Instrument :
MSVOA_N
ClientSampleId :
IBLK

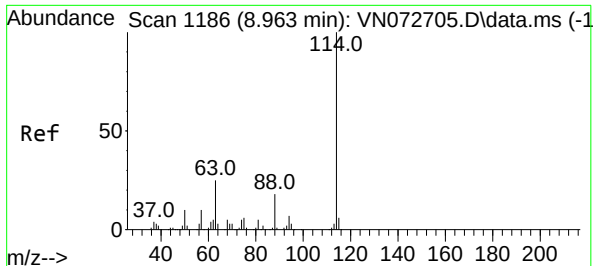
Tgt Ion: 56 Resp: 9151
Ion Ratio Lower Upper
56 100
69 137.2 27.8 41.8#
84 104.0 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 27.765 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN072708.D
Acq: 08 Jun 2022 19:05

Tgt Ion: 65 Resp: 195836
Ion Ratio Lower Upper
65 100
67 50.2 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: VN072708.D

Acq: 08 Jun 2022 19:05

Instrument :

MSVOA_N

ClientSampleId :

IBLK

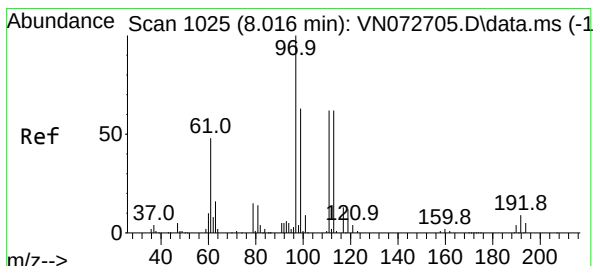
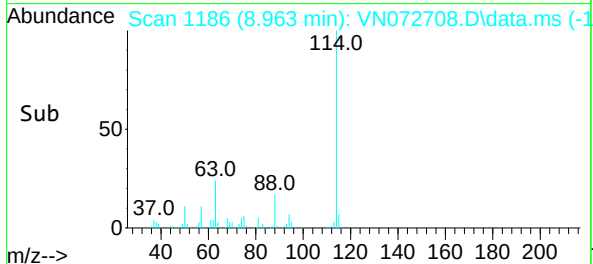
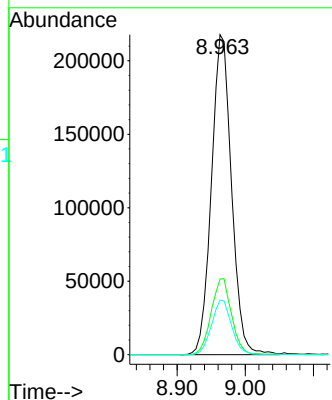
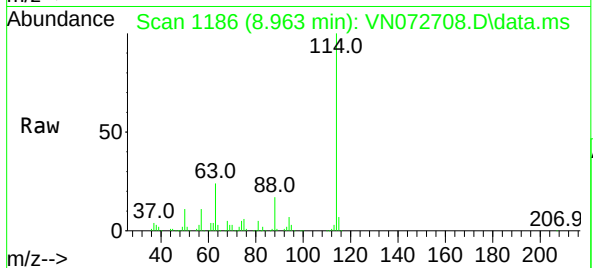
Tgt Ion:114 Resp: 445985

Ion Ratio Lower Upper

114 100

63 23.7 0.0 40.0

88 17.1 0.0 32.6



#35

Dibromofluoromethane

Concen: 34.137 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.000 min

Lab File: VN072708.D

Acq: 08 Jun 2022 19:05

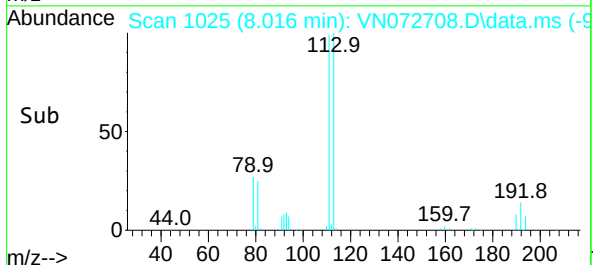
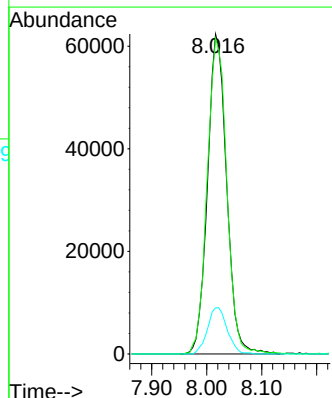
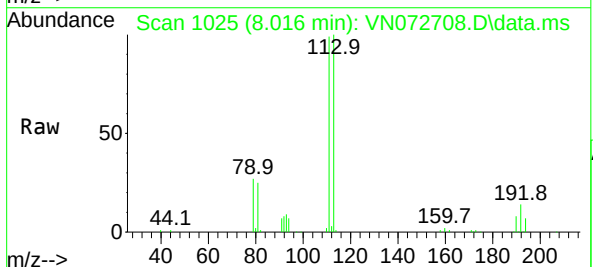
Tgt Ion:113 Resp: 150647

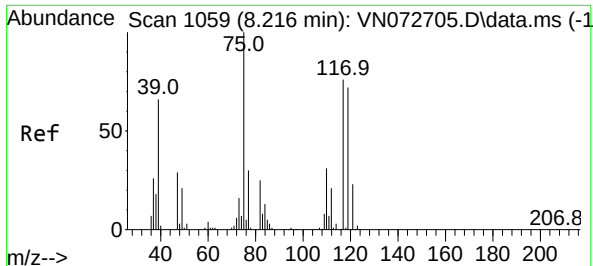
Ion Ratio Lower Upper

113 100

111 101.1 81.4 122.0

192 14.9 17.0 25.6#





#36

1,1-Dichloropropene

Concen: 0.375 ug/l

RT: 8.210 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VN072708.D

Acq: 08 Jun 2022 19:05

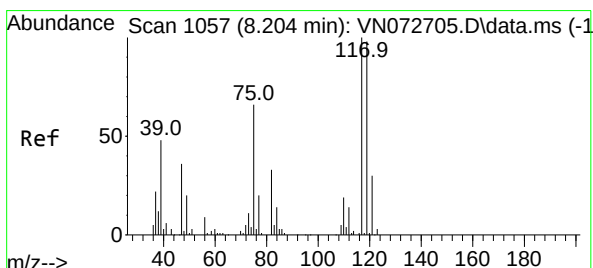
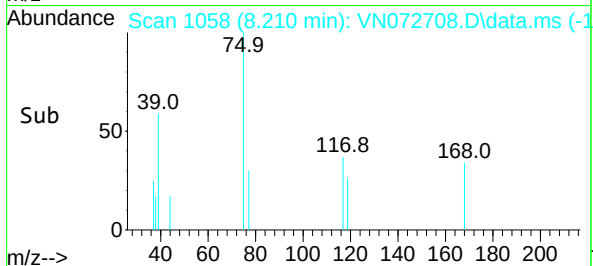
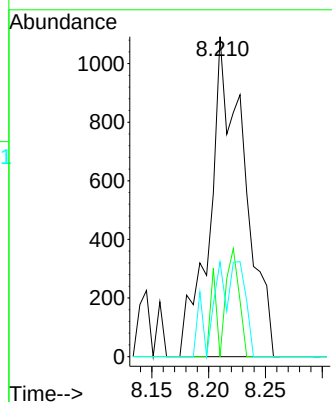
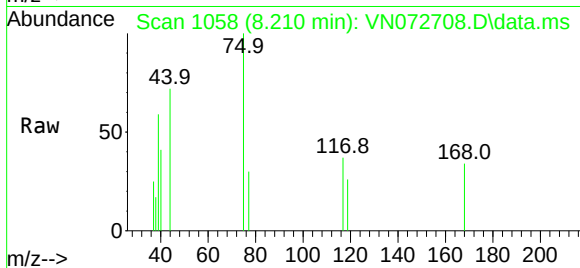
Instrument :

MSVOA_N

ClientSampleId :

IBLK

Tgt Ion:	75	Resp:	2300
Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.3	54.8#
77	13.5	25.1	37.7#



#38

Carbon Tetrachloride

Concen: 4.747 ug/l

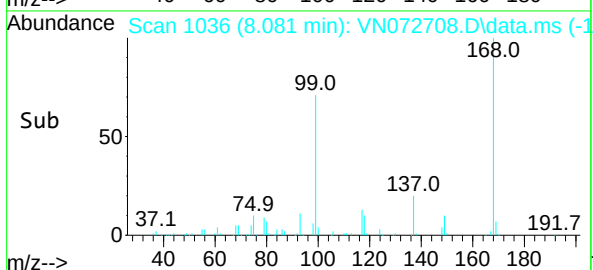
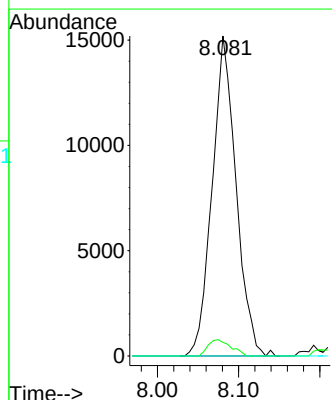
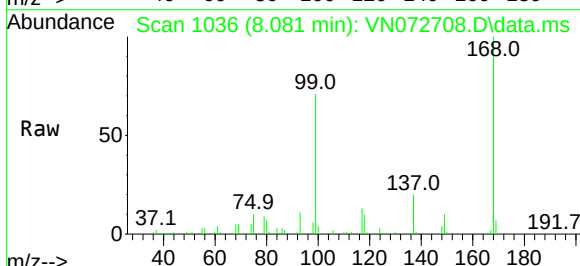
RT: 8.081 min Scan# 1036

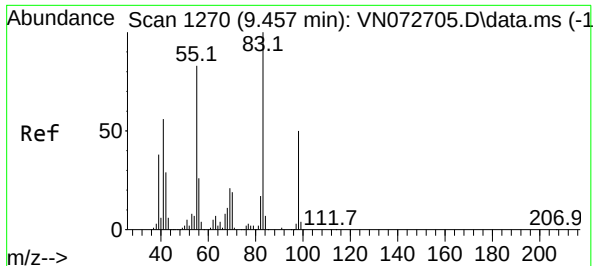
Delta R.T. -0.123 min

Lab File: VN072708.D

Acq: 08 Jun 2022 19:05

Tgt Ion:	117	Resp:	31072
Ion	Ratio	Lower	Upper
117	100		
119	4.2	75.8	113.8#
121	0.0	24.6	37.0#





#39

Methylcyclohexane

Concen: 0.203 ug/l

RT: 9.451 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN072708.D

Acq: 08 Jun 2022 19:05

Instrument :

MSVOA_N

ClientSampleId :

IBLK

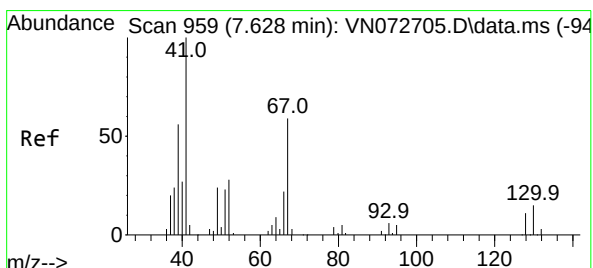
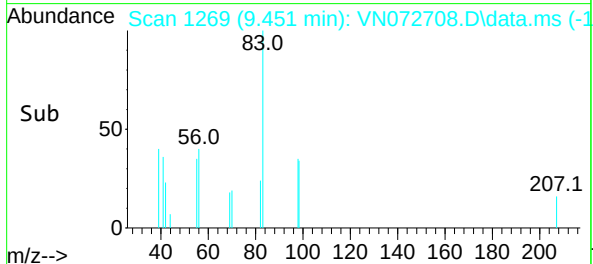
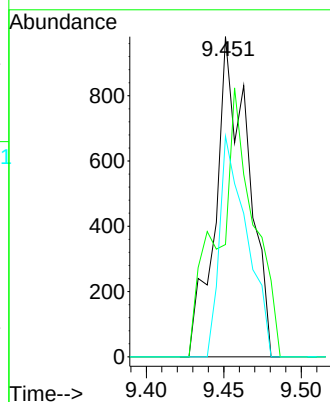
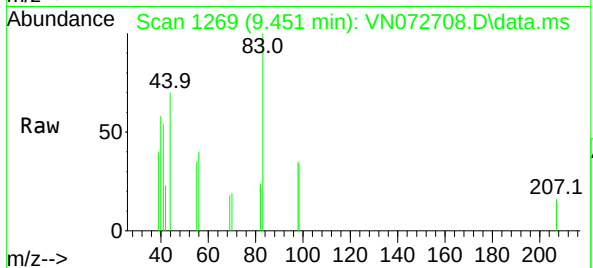
Tgt Ion: 83 Resp: 1445

Ion Ratio Lower Upper

83 100

55 35.1 57.8 86.8#

98 68.9 39.4 59.2#



#41

Methacrylonitrile

Concen: 0.219 ug/l

RT: 7.634 min Scan# 960

Delta R.T. 0.006 min

Lab File: VN072708.D

Acq: 08 Jun 2022 19:05

Tgt Ion: 41 Resp: 704

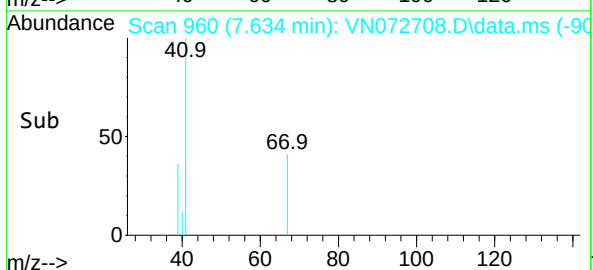
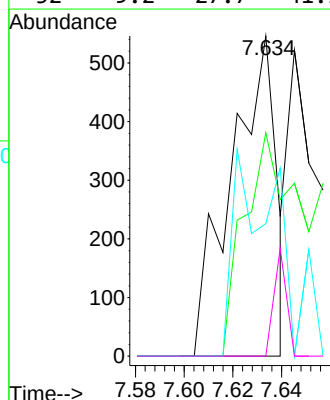
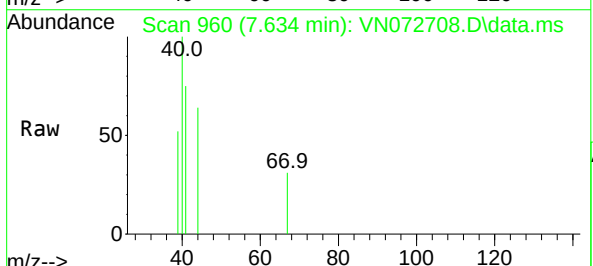
Ion Ratio Lower Upper

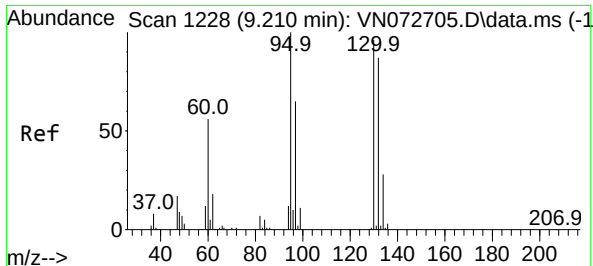
41 100

39 96.7 48.6 73.0#

67 55.5 73.4 110.2#

52 9.2 27.7 41.5#

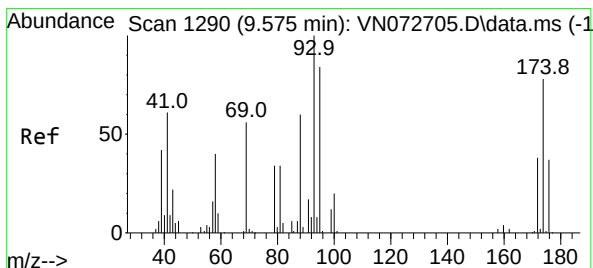
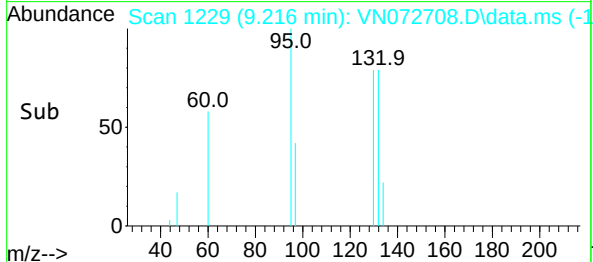
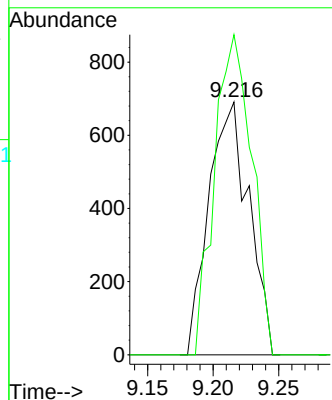
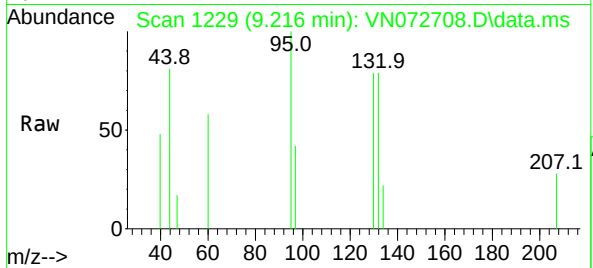




#44
Trichloroethene
Concen: 0.339 ug/l
RT: 9.216 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VN072708.D
Acq: 08 Jun 2022 19:05

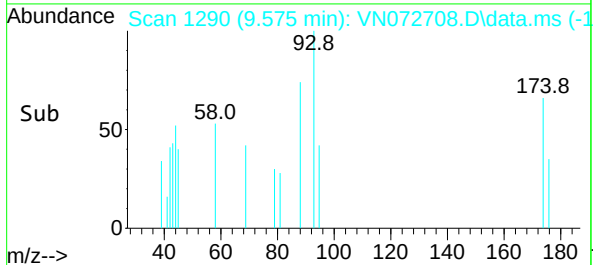
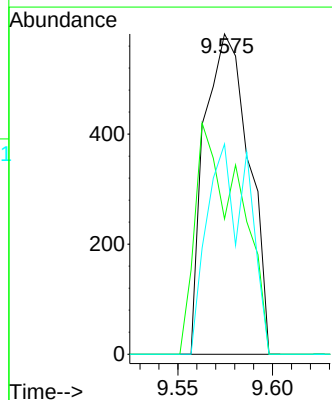
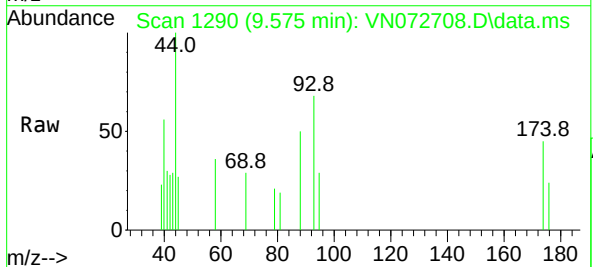
Instrument :
MSVOA_N
ClientSampleId :
IBLK

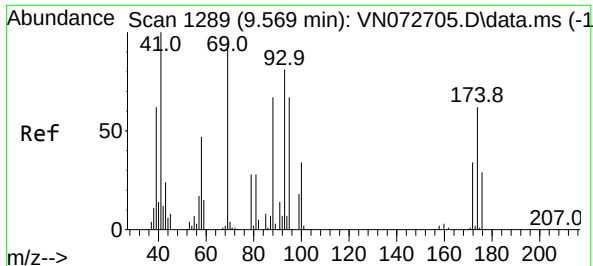
Tgt Ion: 130 Resp: 1468
Ion Ratio Lower Upper
130 100
95 126.6 0.0 186.8



#46
Dibromomethane
Concen: 0.270 ug/l
RT: 9.575 min Scan# 1290
Delta R.T. -0.000 min
Lab File: VN072708.D
Acq: 08 Jun 2022 19:05

Tgt Ion: 93 Resp: 947
Ion Ratio Lower Upper
93 100
95 72.3 66.9 100.3
174 60.5 86.6 130.0#





#49

1,4-Dioxane

Concen: 2.231 ug/l

RT: 9.563 min Scan# 1289

Delta R.T. -0.006 min

Lab File: VN072708.D

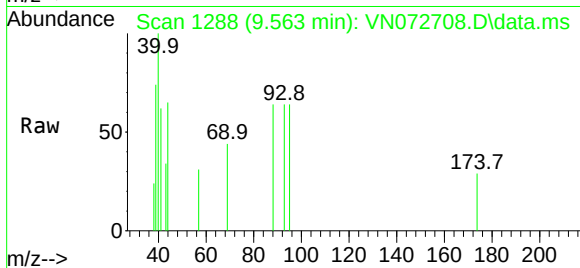
Acq: 08 Jun 2022 19:05

Instrument :

MSVOA_N

ClientSampleId :

IBLK



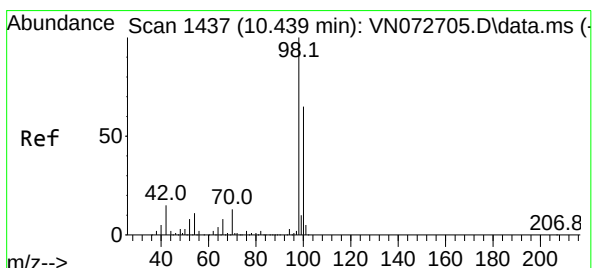
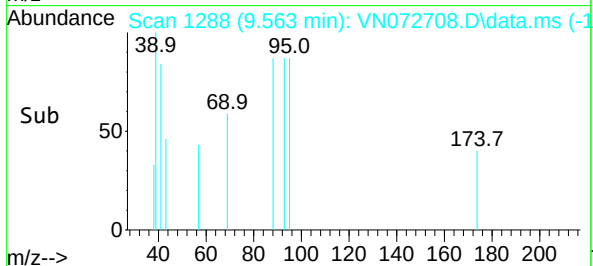
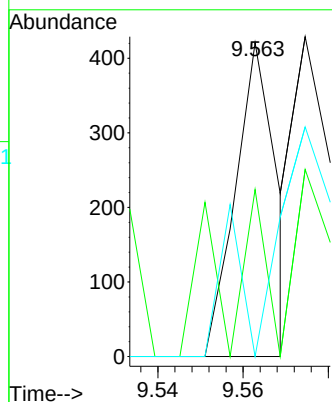
Tgt Ion: 88 Resp: 286

Ion Ratio Lower Upper

88 100

43 25.5 20.2 30.4

58 0.0 54.2 81.4#



#50

Toluene-d8

Concen: 27.629 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN072708.D

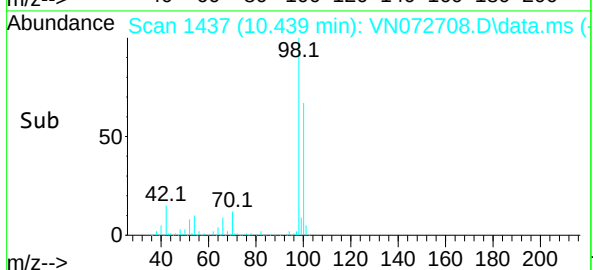
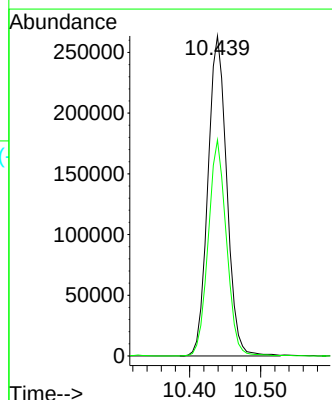
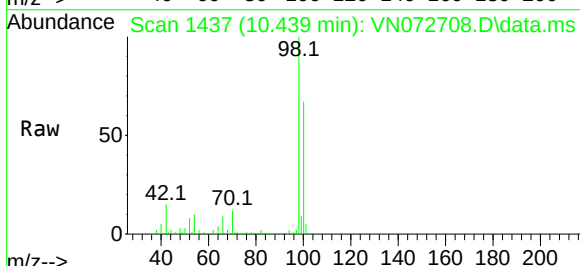
Acq: 08 Jun 2022 19:05

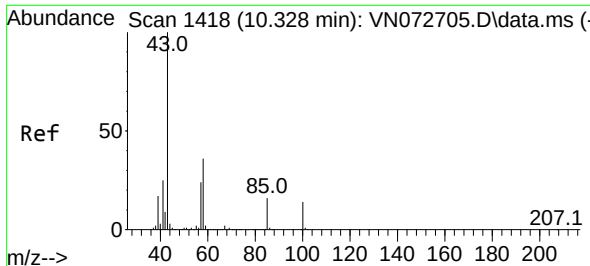
Tgt Ion: 98 Resp: 486449

Ion Ratio Lower Upper

98 100

100 65.2 52.6 78.8

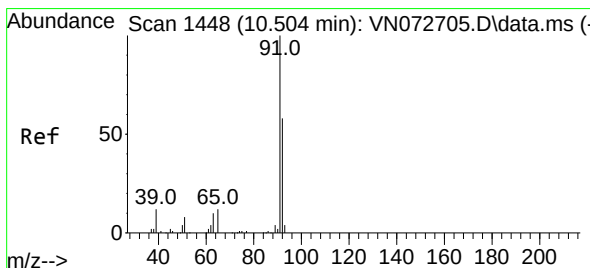
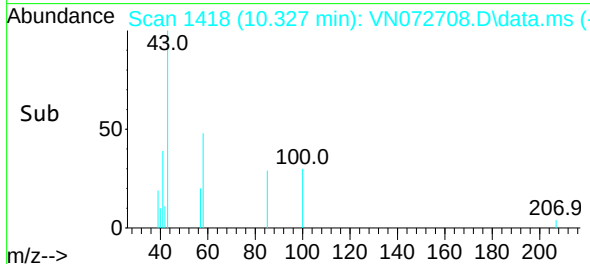
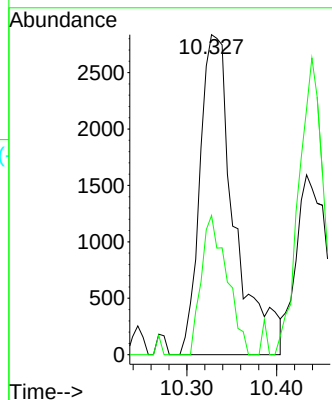
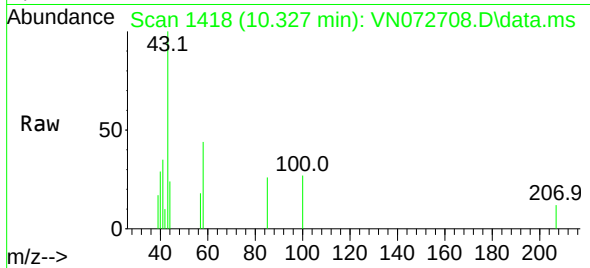




#51
4-Methyl-2-Pentanone
Concen: 0.787 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. -0.001 min
Lab File: VN072708.D
Acq: 08 Jun 2022 19:05

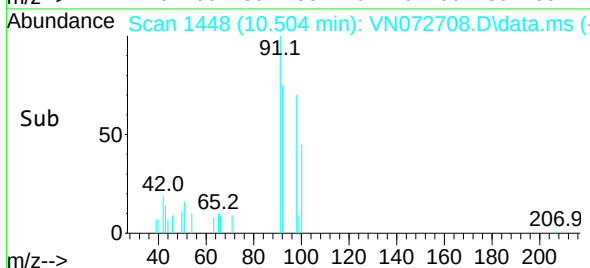
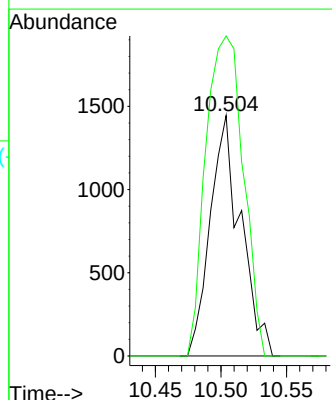
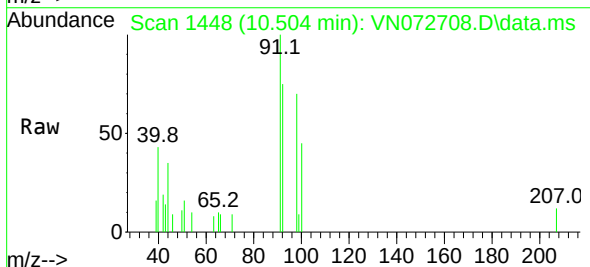
Instrument : MSVOA_N
ClientSampleId : IBLK

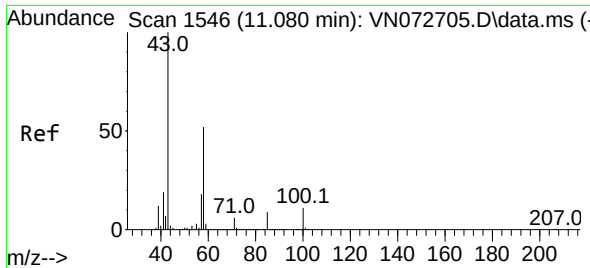
Tgt Ion: 43 Resp: 7599
Ion Ratio Lower Upper
43 100
58 32.2 34.1 51.1#



#52
Toluene
Concen: 0.201 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN072708.D
Acq: 08 Jun 2022 19:05

Tgt Ion: 92 Resp: 2336
Ion Ratio Lower Upper
92 100
91 164.0 138.6 207.8

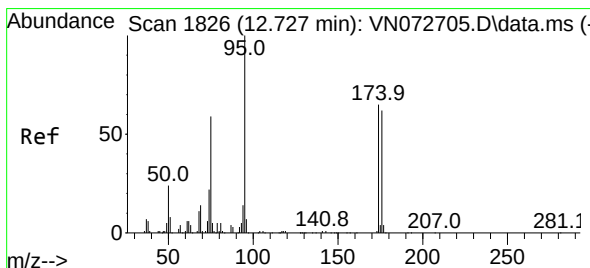
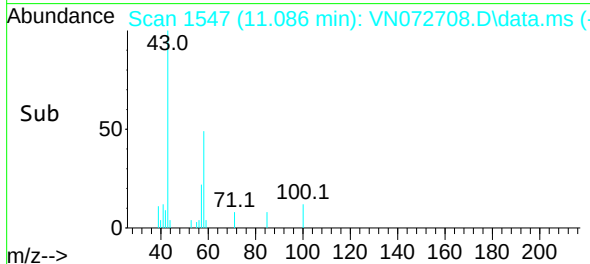
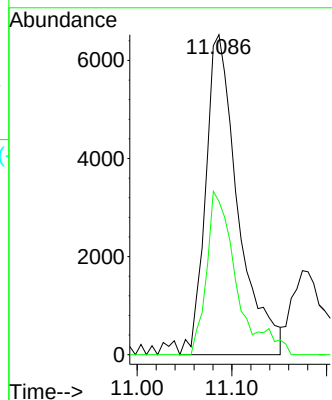
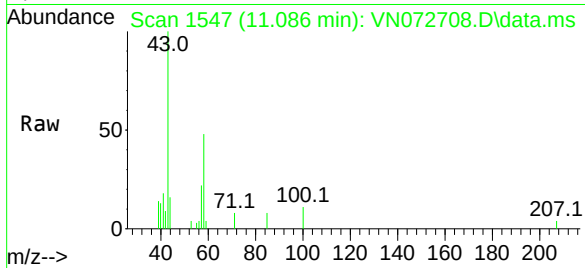




#59
2-Hexanone
Concen: 2.179 ug/l
RT: 11.086 min Scan# 1546
Delta R.T. 0.006 min
Lab File: VN072708.D
Acq: 08 Jun 2022 19:05

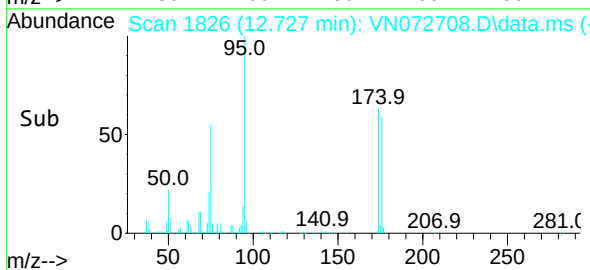
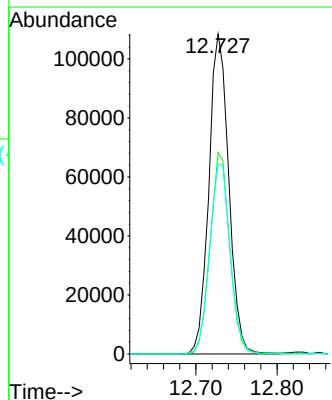
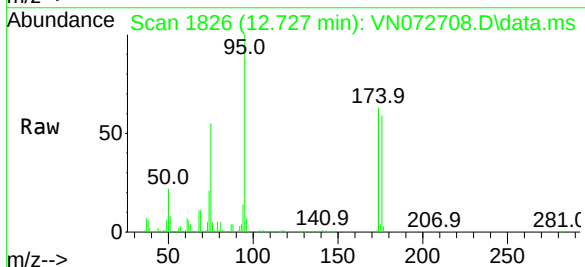
Instrument :
MSVOA_N
ClientSampleId :
IBLK

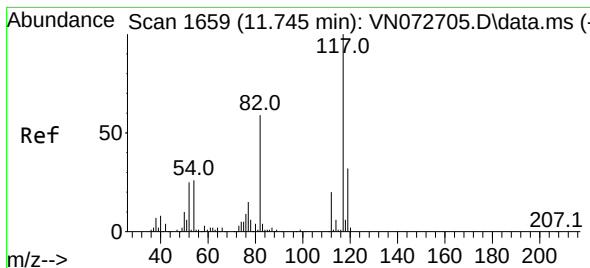
Tgt Ion: 43 Resp: 15465
Ion Ratio Lower Upper
43 100
58 47.0 29.7 89.1



#62
4-Bromofluorobenzene
Concen: 30.492 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072708.D
Acq: 08 Jun 2022 19:05

Tgt Ion: 95 Resp: 184225
Ion Ratio Lower Upper
95 100
174 62.4 0.0 167.6
176 60.8 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.745 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN072708.D

Acq: 08 Jun 2022 19:05

Instrument :

MSVOA_N

ClientSampleId :

IBLK

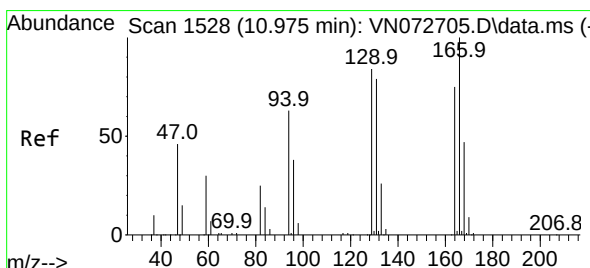
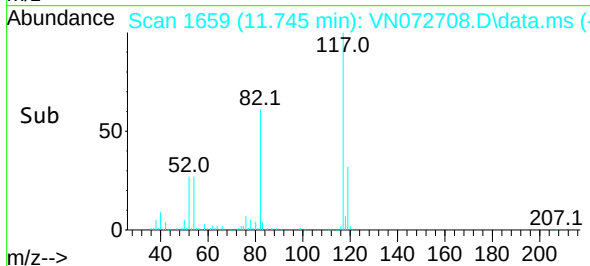
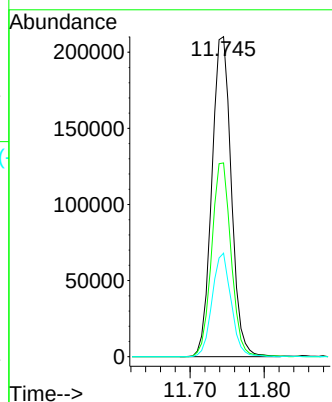
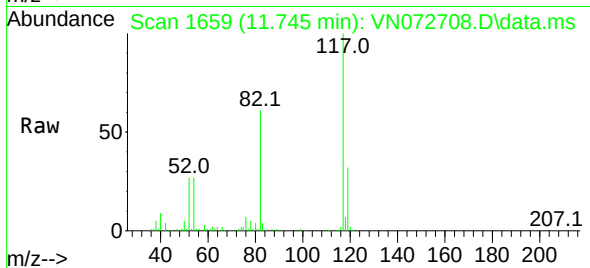
Tgt Ion:117 Resp: 382796

Ion Ratio Lower Upper

117 100

82 60.5 44.2 66.2

119 32.3 25.4 38.0



#64

Tetrachloroethene

Concen: 0.386 ug/l

RT: 10.975 min Scan# 1528

Delta R.T. -0.000 min

Lab File: VN072708.D

Acq: 08 Jun 2022 19:05

Tgt Ion:164 Resp: 1243

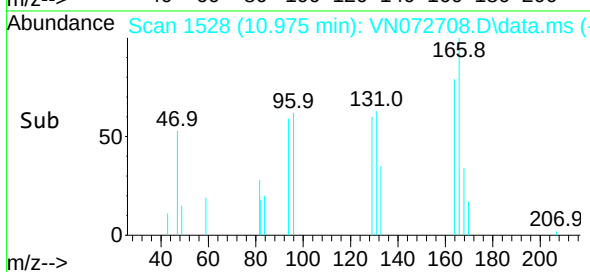
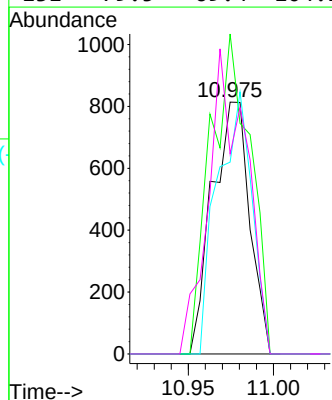
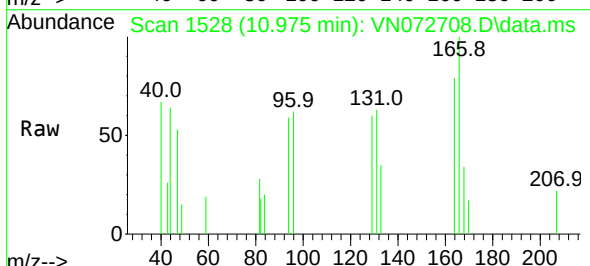
Ion Ratio Lower Upper

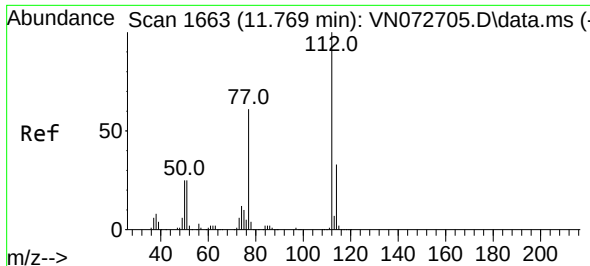
164 100

166 127.0 104.2 156.2

129 76.2 73.9 110.9

131 79.5 69.4 104.2

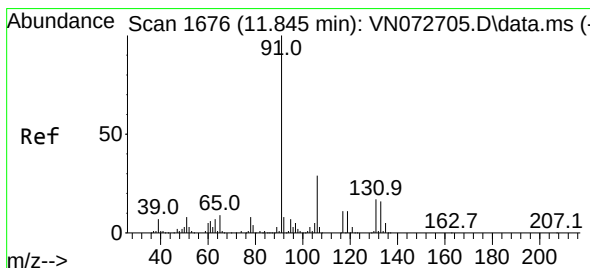
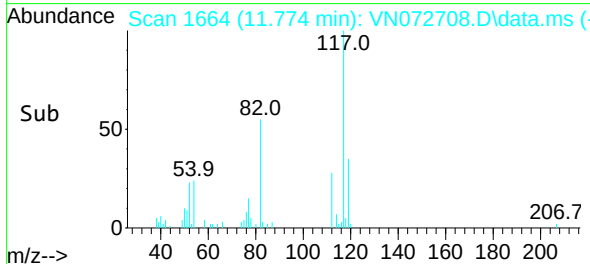
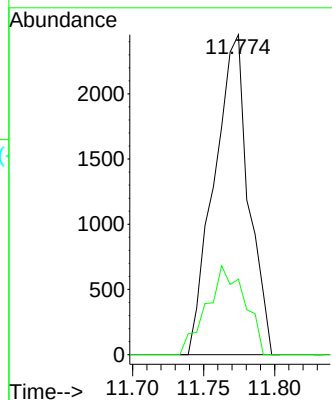
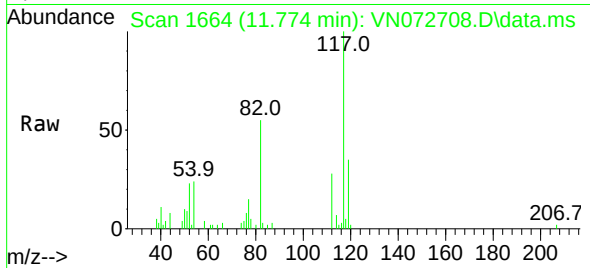




#65
Chlorobenzene
Concen: 0.406 ug/l
RT: 11.774 min Scan# 1664
Delta R.T. 0.005 min
Lab File: VN072708.D
Acq: 08 Jun 2022 19:05

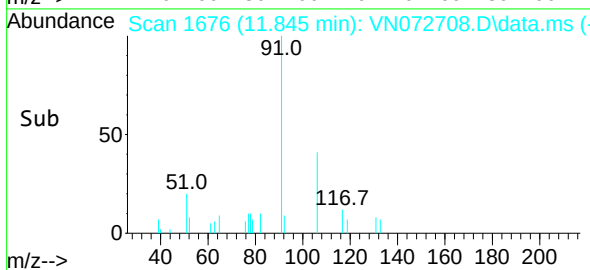
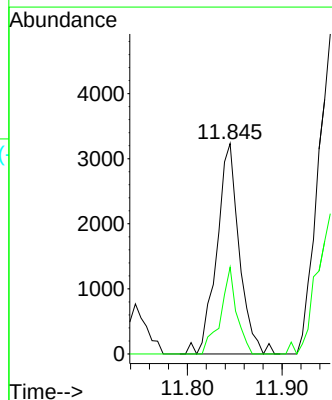
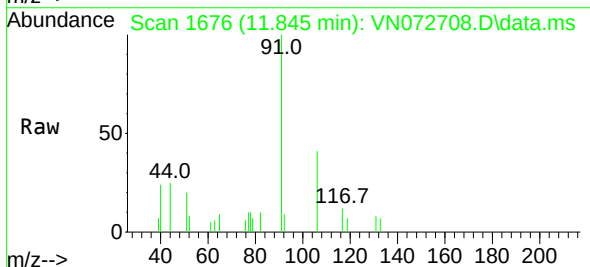
Instrument :
MSVOA_N
ClientSampleId :
IBLK

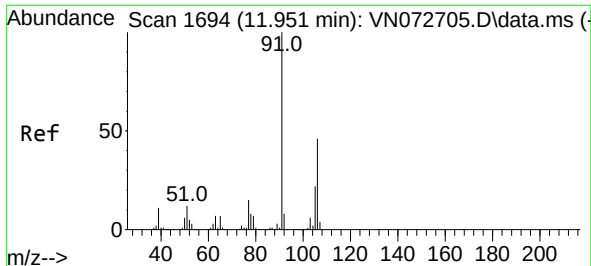
Tgt Ion:112 Resp: 4140
Ion Ratio Lower Upper
112 100
114 23.6 25.4 38.2#



#67
Ethyl Benzene
Concen: 0.278 ug/l
RT: 11.845 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VN072708.D
Acq: 08 Jun 2022 19:05

Tgt Ion: 91 Resp: 5326
Ion Ratio Lower Upper
91 100
106 41.2 24.9 37.3#

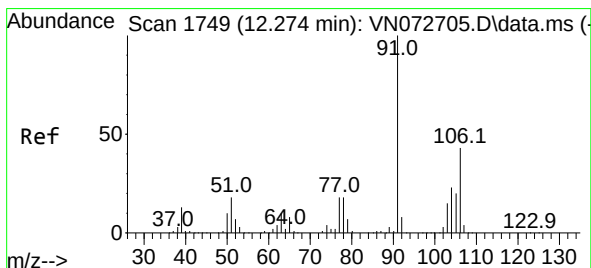
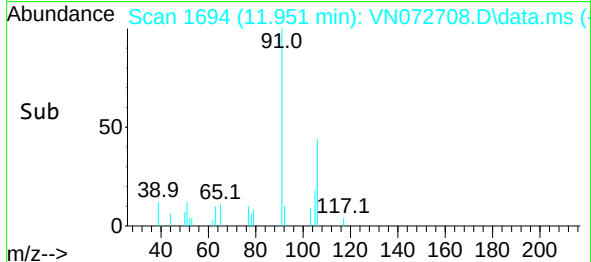
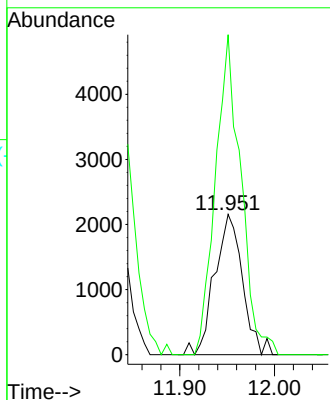
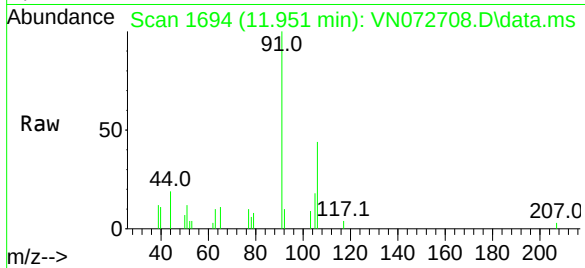




#68
m/p-Xylenes
Concen: 0.645 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN072708.D
Acq: 08 Jun 2022 19:05

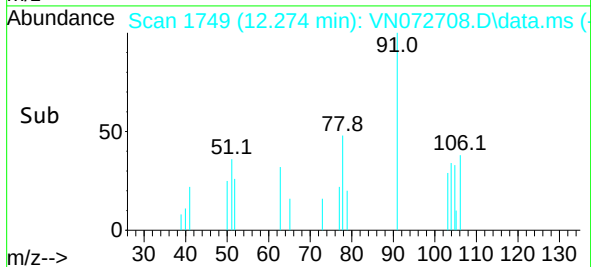
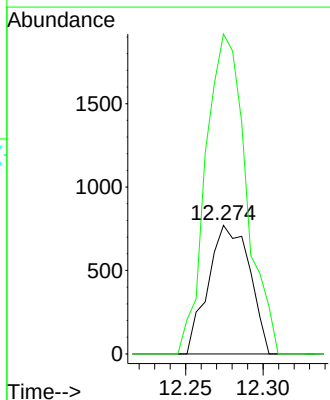
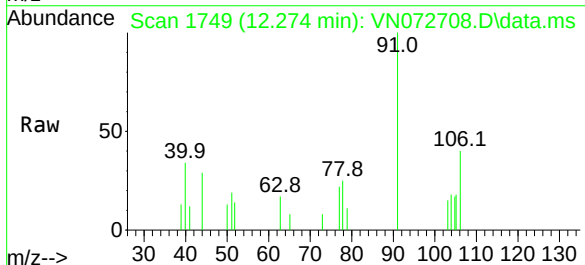
Instrument :
MSVOA_N
ClientSampleId :
IBLK

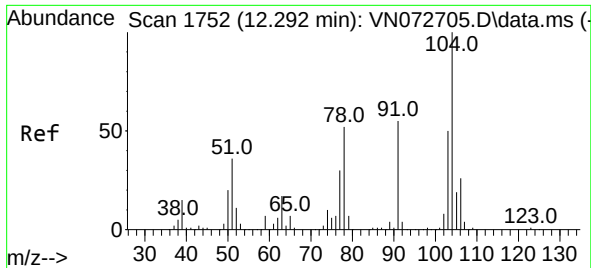
Tgt Ion:106 Resp: 4398
Ion Ratio Lower Upper
106 100
91 209.1 158.9 238.3



#69
o-Xylene
Concen: 0.209 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN072708.D
Acq: 08 Jun 2022 19:05

Tgt Ion:106 Resp: 1430
Ion Ratio Lower Upper
106 100
91 242.7 106.0 318.0

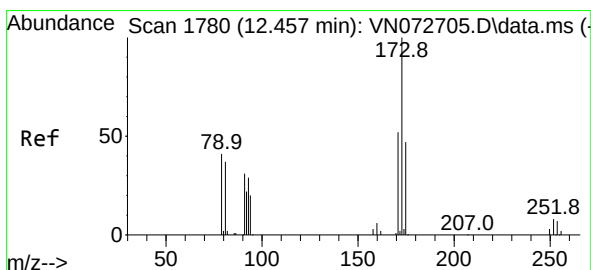
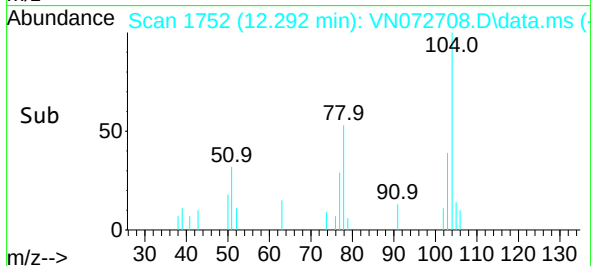
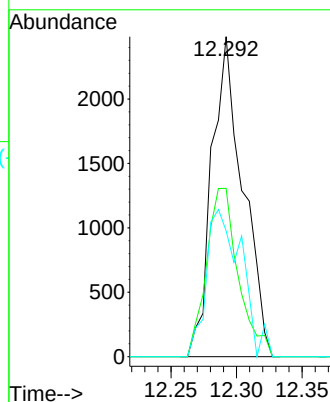
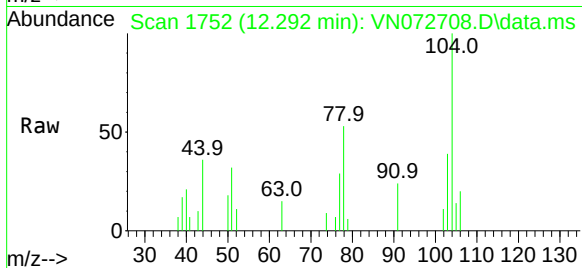




#70
Styrene
Concen: 0.381 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VN072708.D
Acq: 08 Jun 2022 19:05

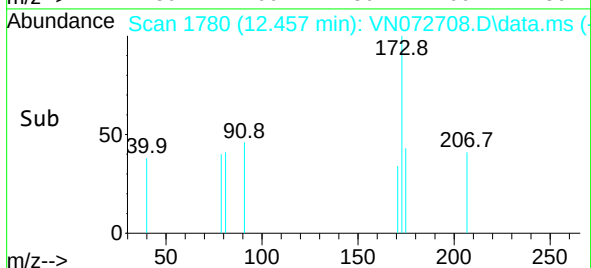
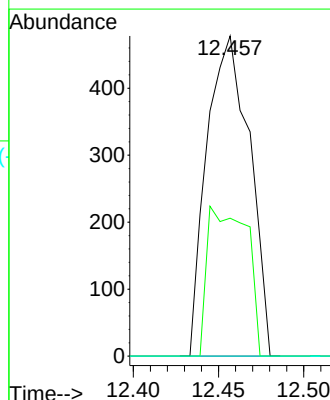
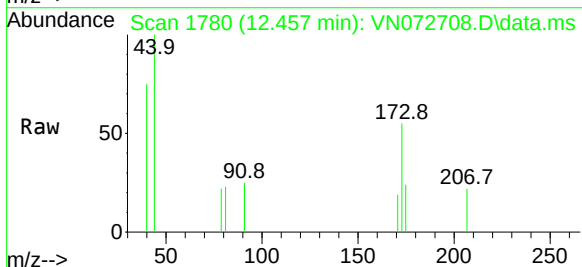
Instrument :
MSVOA_N
ClientSampleId :
IBLK

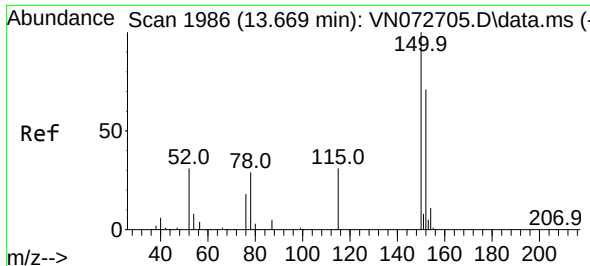
Tgt Ion	Ratio	Lower	Upper
104	100		
78	53.6	39.5	59.3
103	52.2	44.0	66.0



#71
Bromoform
Concen: 0.292 ug/l
RT: 12.457 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VN072708.D
Acq: 08 Jun 2022 19:05

Tgt Ion	Ratio	Lower	Upper
173	100		
175	43.3	24.6	73.6
254	0.0	0.1	0.1

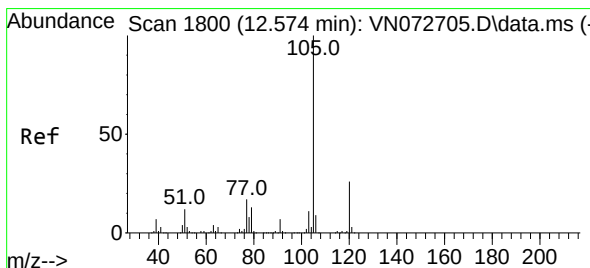
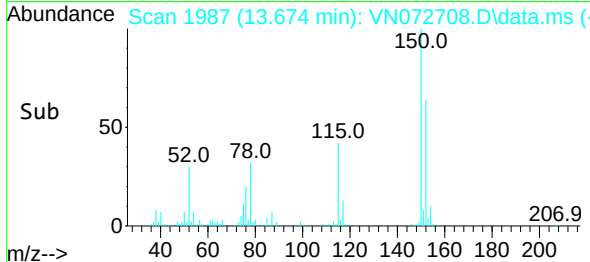
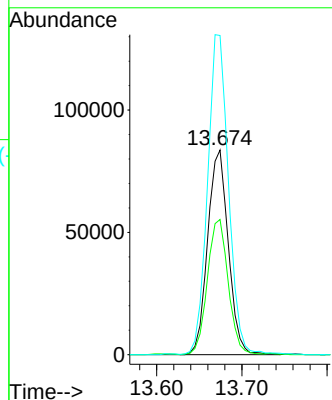
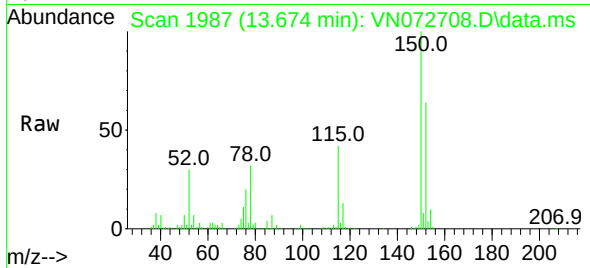




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1986
Delta R.T. 0.005 min
Lab File: VN072708.D
Acq: 08 Jun 2022 19:05

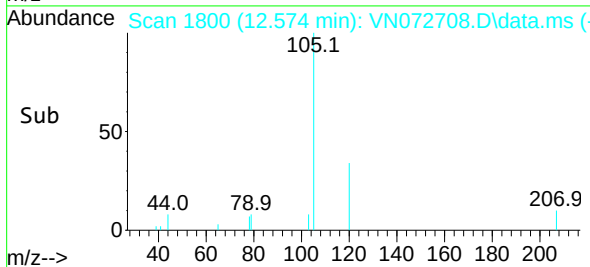
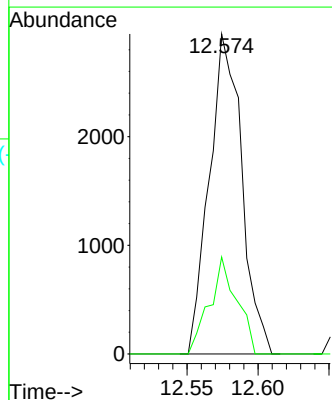
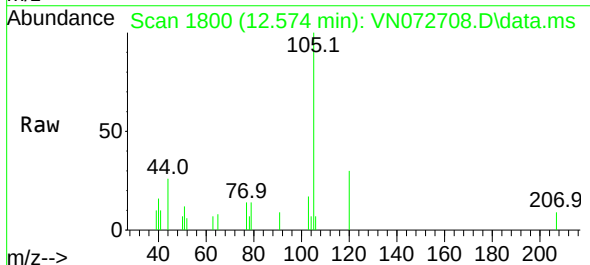
Instrument :
MSVOA_N
ClientSampleId :
IBLK

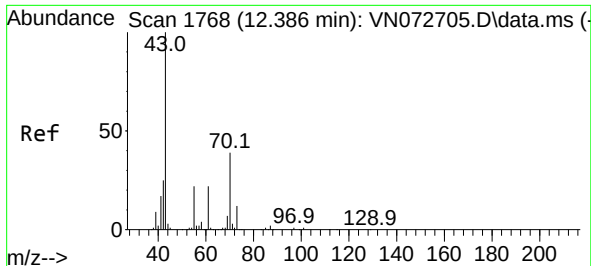
Tgt Ion:152 Resp: 140929
Ion Ratio Lower Upper
152 100
115 66.7 28.9 86.7
150 158.9 0.0 356.2



#73
Isopropylbenzene
Concen: 0.309 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN072708.D
Acq: 08 Jun 2022 19:05

Tgt Ion:105 Resp: 4667
Ion Ratio Lower Upper
105 100
120 25.6 13.5 40.4

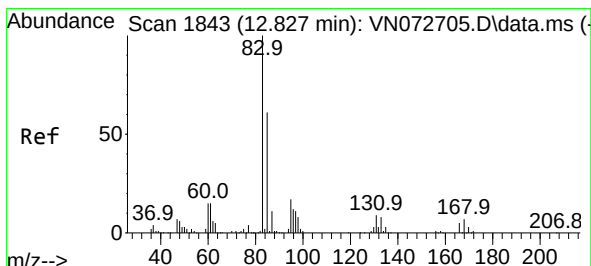
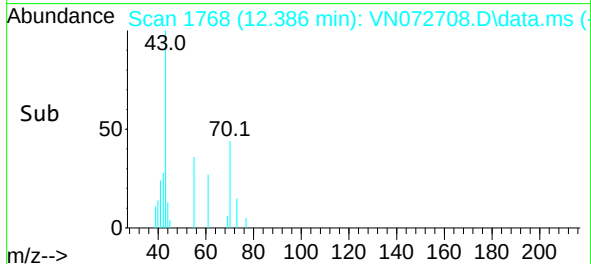
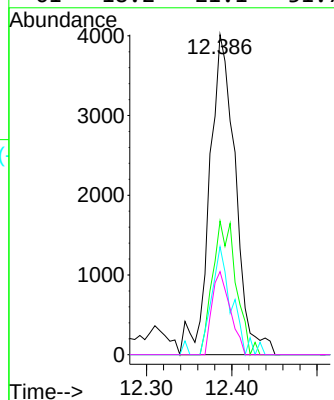
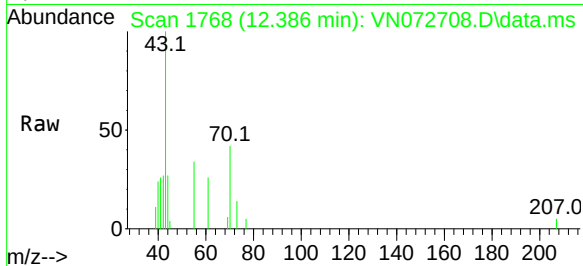




#74
N-amy1 acetate
Concen: 1.202 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VN072708.D
Acq: 08 Jun 2022 19:05

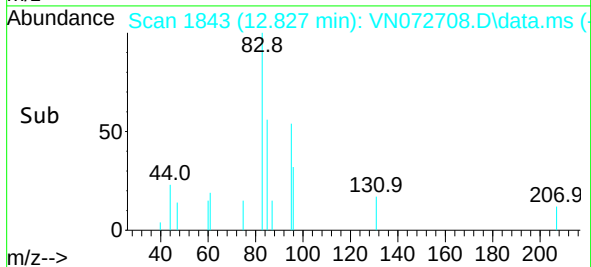
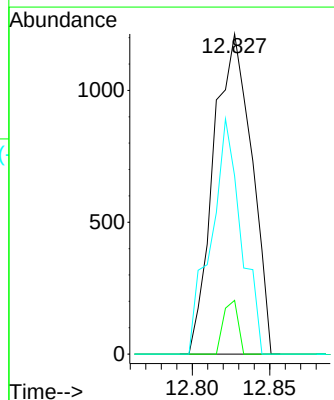
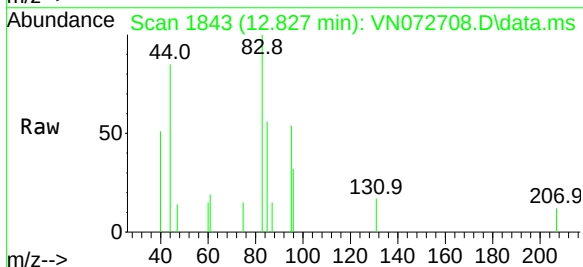
Instrument :
MSVOA_N
ClientSampleId :
IBLK

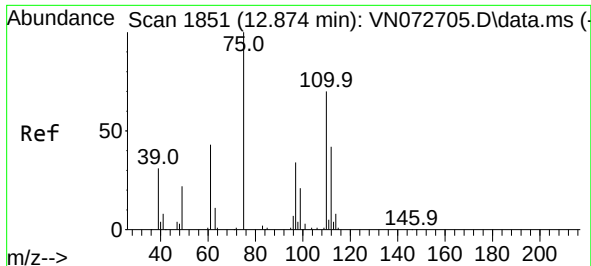
Tgt Ion: 43	Resp: 8445
Ion Ratio	Lower Upper
43 100	
70 37.9	39.0 58.4#
55 26.1	21.1 31.7
61 18.2	21.1 31.7#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.395 ug/l
RT: 12.827 min Scan# 1843
Delta R.T. 0.000 min
Lab File: VN072708.D
Acq: 08 Jun 2022 19:05

Tgt Ion: 83	Resp: 2074
Ion Ratio	Lower Upper
83 100	
131 6.4	5.3 15.9
85 58.0	32.3 96.9

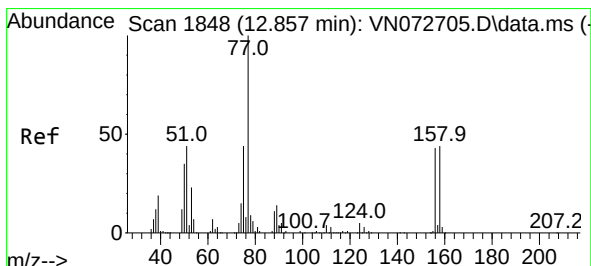
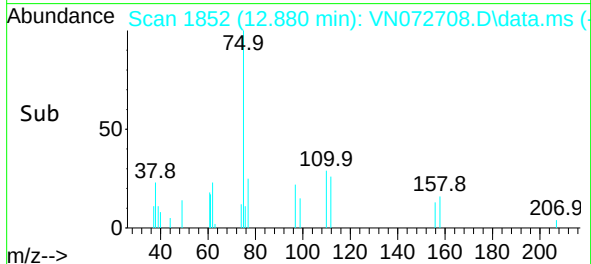
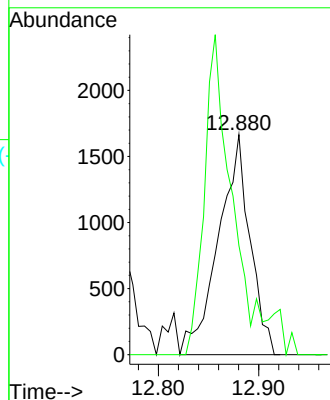
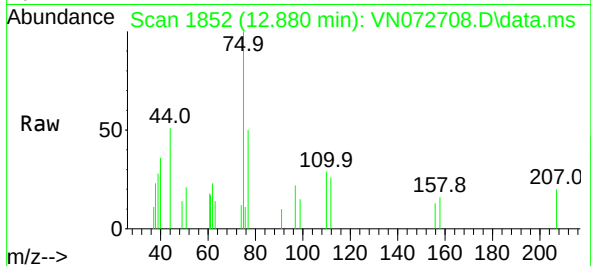




#76
1,2,3-Trichloropropane
Concen: 0.797 ug/l
RT: 12.880 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN072708.D
Acq: 08 Jun 2022 19:05

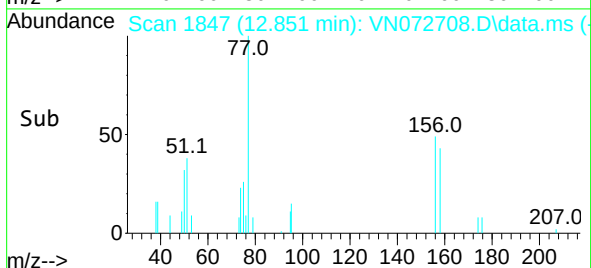
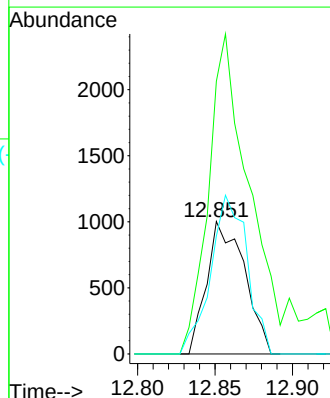
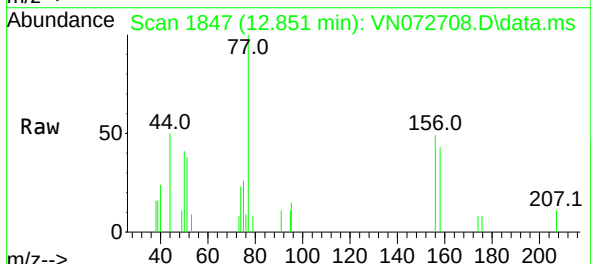
Instrument :
MSVOA_N
ClientSampleId :
IBLK

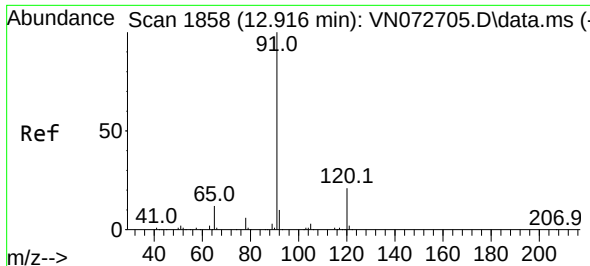
Tgt Ion: 75 Resp: 3625
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#



#77
Bromobenzene
Concen: 0.570 ug/l
RT: 12.851 min Scan# 1847
Delta R.T. -0.006 min
Lab File: VN072708.D
Acq: 08 Jun 2022 19:05

Tgt Ion: 156 Resp: 1698
Ion Ratio Lower Upper
156 100
77 292.5 100.5 301.5
158 115.7 48.9 146.6

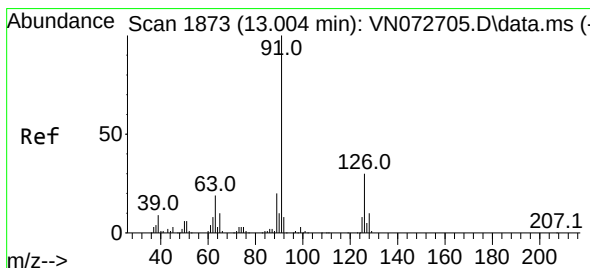
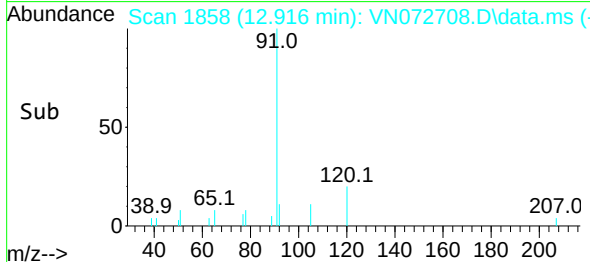
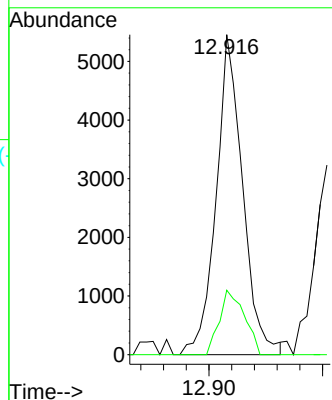
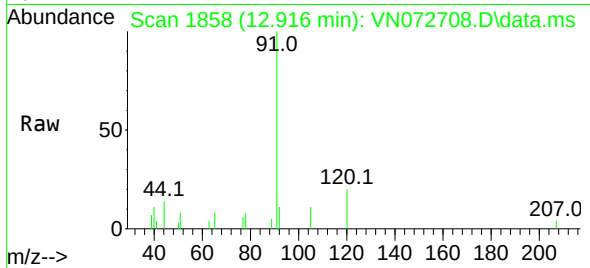




#78
n-propylbenzene
Concen: 0.535 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072708.D
Acq: 08 Jun 2022 19:05

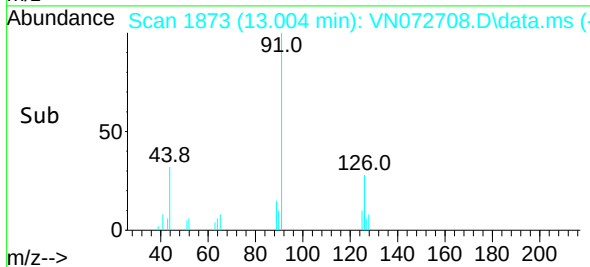
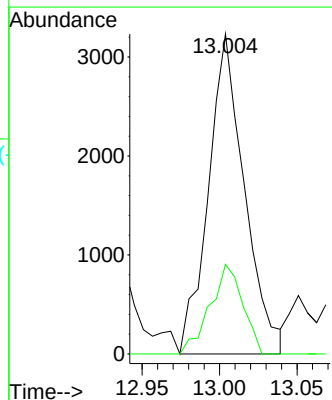
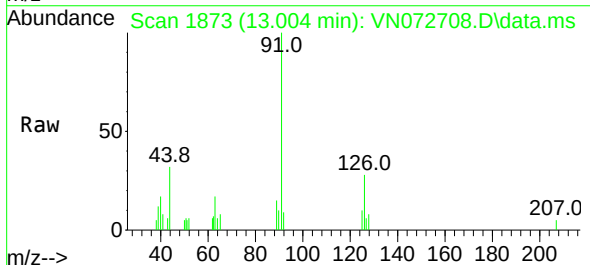
Instrument :
MSVOA_N
ClientSampleId :
IBLK

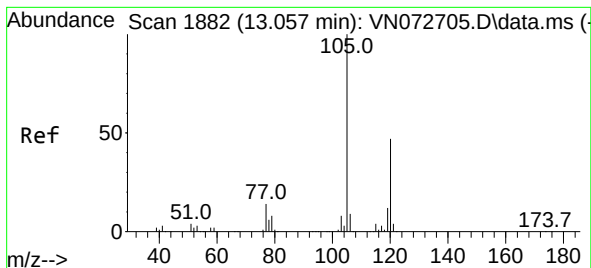
Tgt Ion: 91 Resp: 8831
Ion Ratio Lower Upper
91 100
120 19.0 11.9 35.5



#79
2-Chlorotoluene
Concen: 0.505 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN072708.D
Acq: 08 Jun 2022 19:05

Tgt Ion: 91 Resp: 5230
Ion Ratio Lower Upper
91 100
126 25.3 17.3 51.9





#80

1,3,5-Trimethylbenzene

Concen: 0.393 ug/l

RT: 13.051 min Scan# 1881

Delta R.T. -0.006 min

Lab File: VN072708.D

Acq: 08 Jun 2022 19:05

Instrument :

MSVOA_N

ClientSampleId :

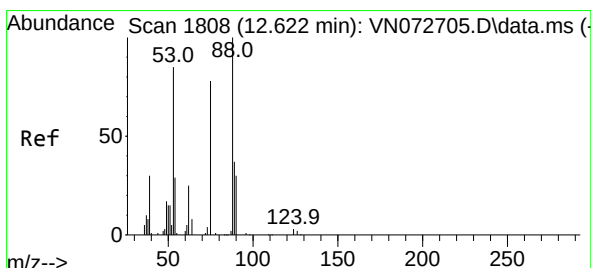
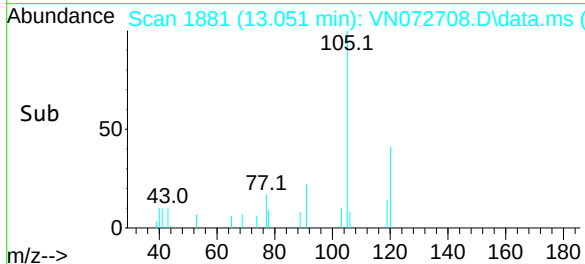
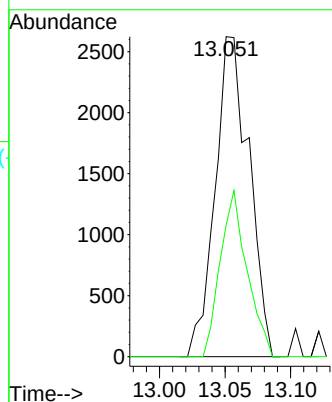
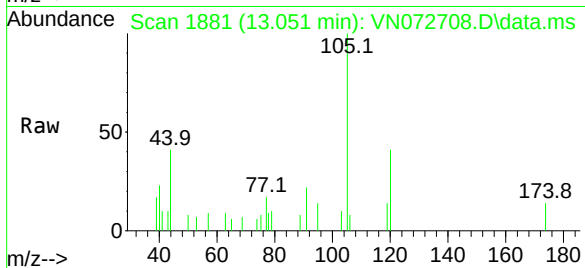
IBLK

Tgt Ion:105 Resp: 4711

Ion Ratio Lower Upper

105 100

120 41.0 24.9 74.7



#81

trans-1,4-Dichloro-2-butene

Concen: 61.223 ug/l

RT: 12.727 min Scan# 1826

Delta R.T. 0.105 min

Lab File: VN072708.D

Acq: 08 Jun 2022 19:05

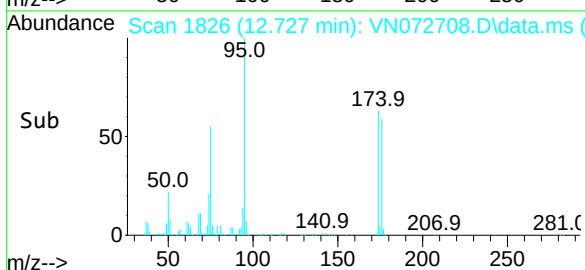
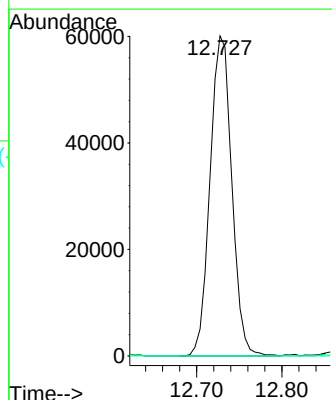
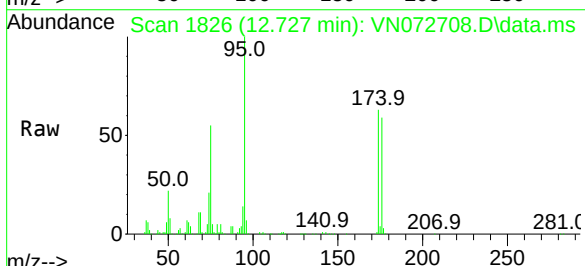
Tgt Ion: 75 Resp: 106460

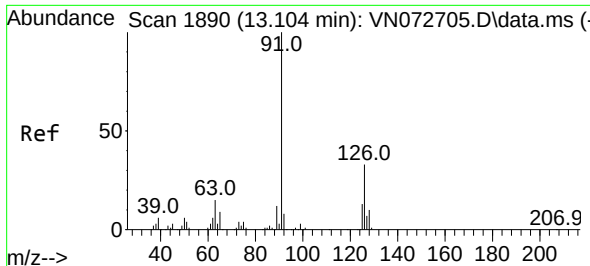
Ion Ratio Lower Upper

75 100

53 0.0 78.0 117.0#

89 0.0 37.2 55.8#

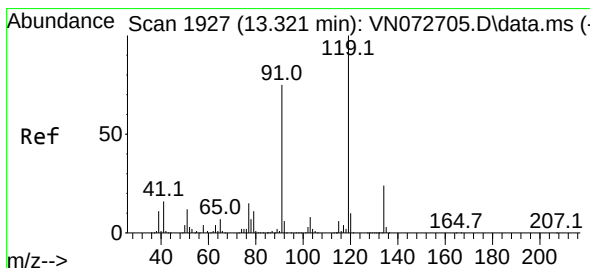
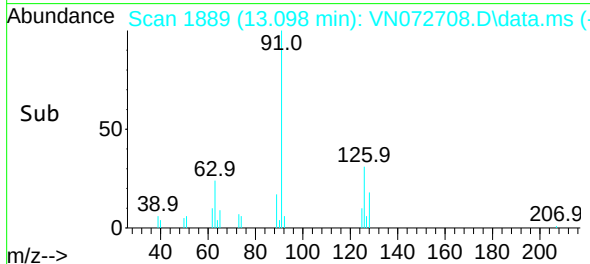
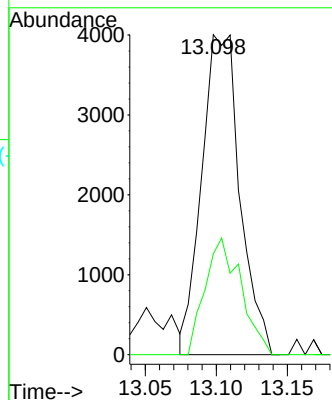
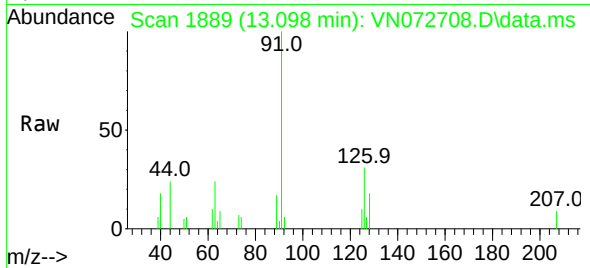




#82
4-Chlorotoluene
Concen: 0.783 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VN072708.D
Acq: 08 Jun 2022 19:05

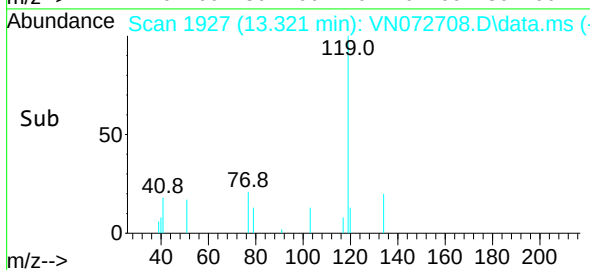
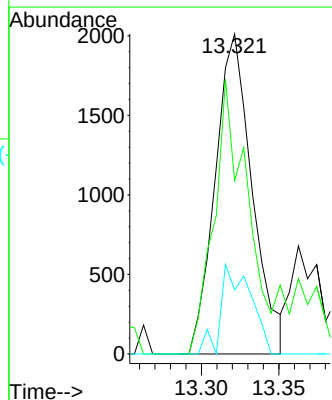
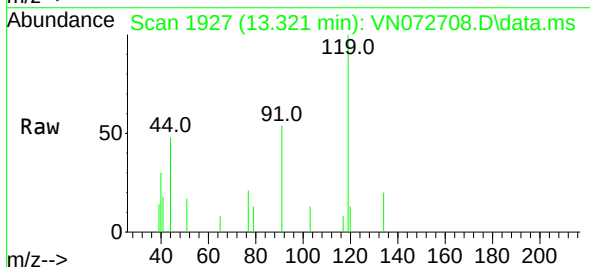
Instrument :
MSVOA_N
ClientSampleId :
IBLK

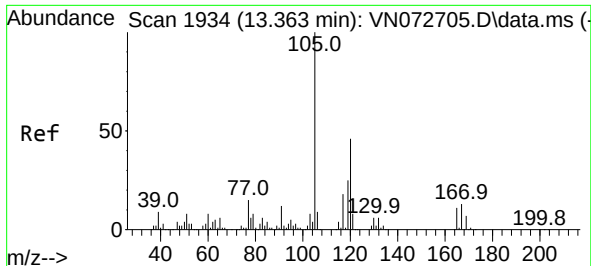
Tgt Ion: 91 Resp: 7485
Ion Ratio Lower Upper
91 100
126 34.1 17.2 51.6



#83
tert-Butylbenzene
Concen: 0.318 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VN072708.D
Acq: 08 Jun 2022 19:05

Tgt Ion: 119 Resp: 3343
Ion Ratio Lower Upper
119 100
91 76.7 31.6 94.8
134 22.6 13.7 41.1

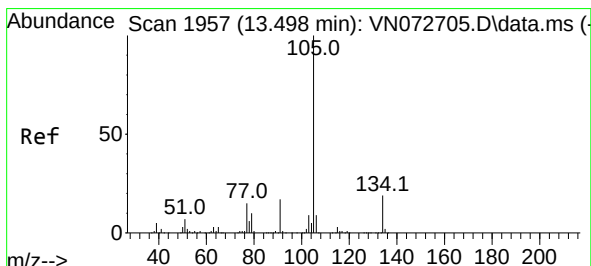
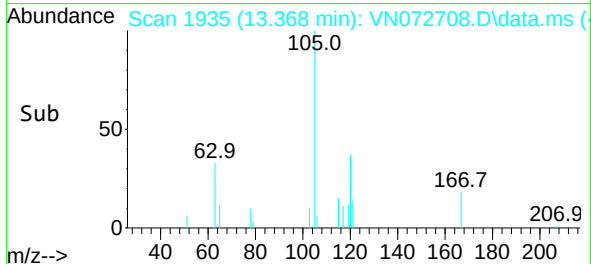
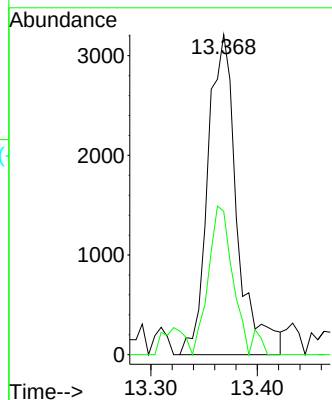
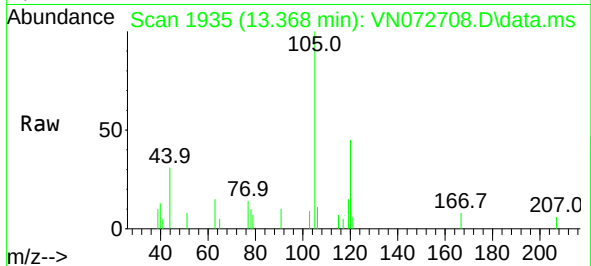




#84
1,2,4-Trimethylbenzene
Concen: 0.535 ug/l
RT: 13.368 min Scan# 1934
Delta R.T. 0.005 min
Lab File: VN072708.D
Acq: 08 Jun 2022 19:05

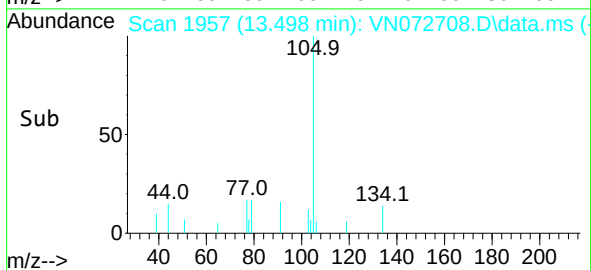
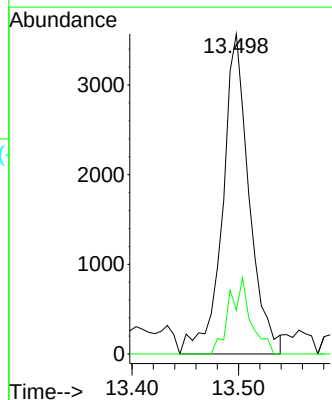
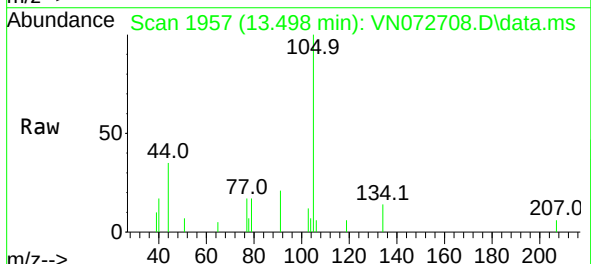
Instrument :
MSVOA_N
ClientSampleId :
IBLK

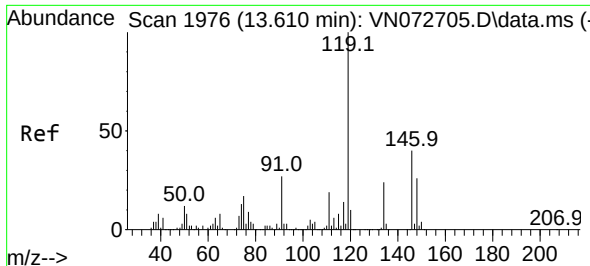
Tgt Ion:105 Resp: 6126
Ion Ratio Lower Upper
105 100
120 38.0 23.3 69.8



#85
sec-Butylbenzene
Concen: 0.437 ug/l
RT: 13.498 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VN072708.D
Acq: 08 Jun 2022 19:05

Tgt Ion:105 Resp: 6198
Ion Ratio Lower Upper
105 100
134 19.2 10.4 31.1

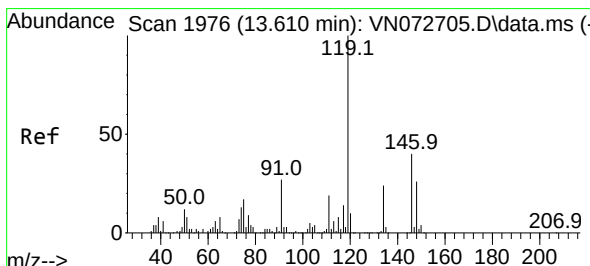
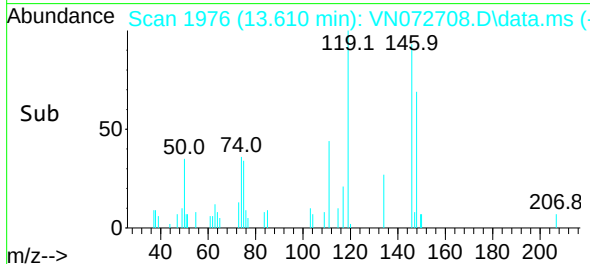
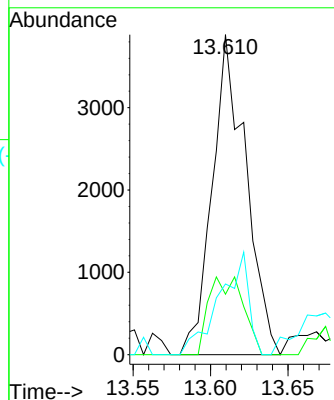
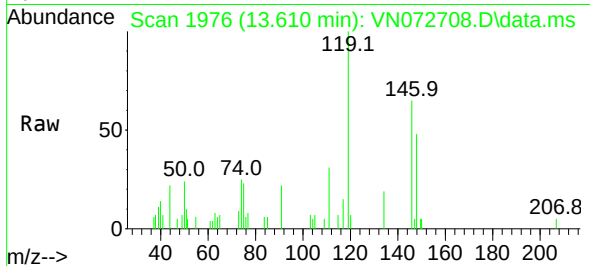




#86
p-Isopropyltoluene
Concen: 0.524 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN072708.D
Acq: 08 Jun 2022 19:05

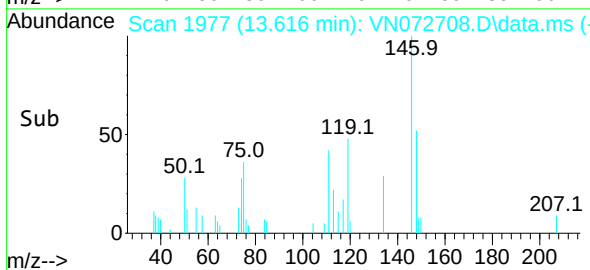
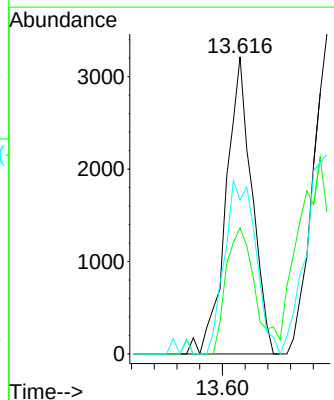
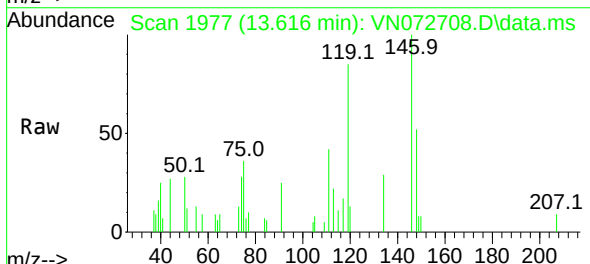
Instrument :
MSVOA_N
ClientSampleId :
IBLK

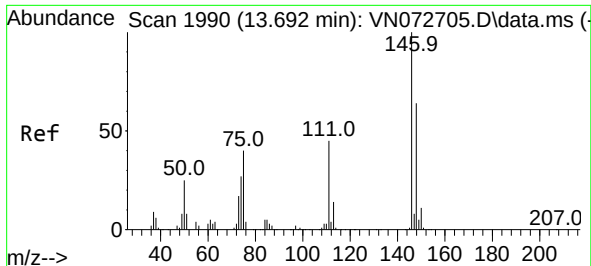
Tgt Ion:	119	Resp:	5846
Ion Ratio	Lower	Upper	
119	100		
134	25.0	13.3	39.8
91	27.9	11.3	33.9



#87
1,3-Dichlorobenzene
Concen: 1.006 ug/l
RT: 13.616 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VN072708.D
Acq: 08 Jun 2022 19:05

Tgt Ion:	146	Resp:	5092
Ion Ratio	Lower	Upper	
146	100		
111	45.1	20.0	60.0
148	69.9	32.0	96.0

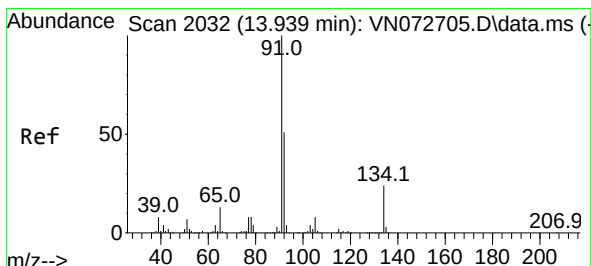
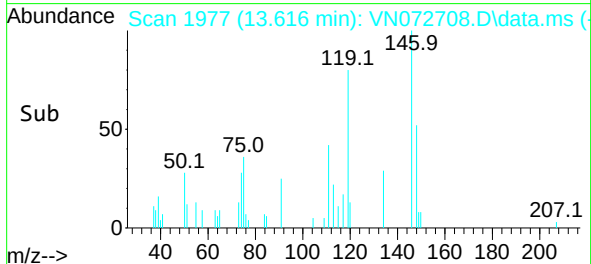
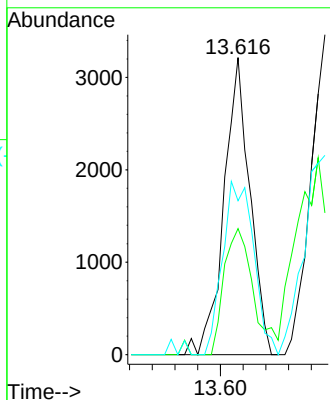
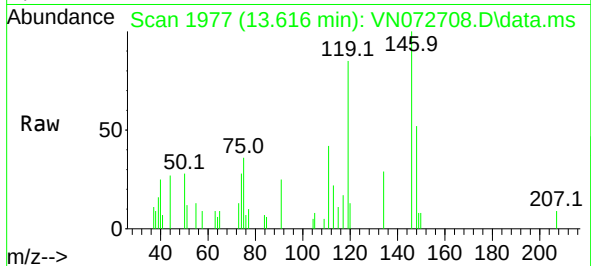




#88
1,4-Dichlorobenzene
Concen: 1.027 ug/l
RT: 13.616 min Scan# 1990
Delta R.T. -0.076 min
Lab File: VN072708.D
Acq: 08 Jun 2022 19:05

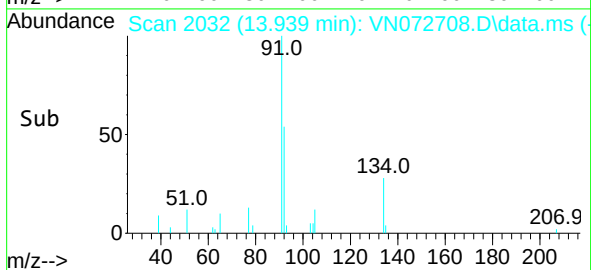
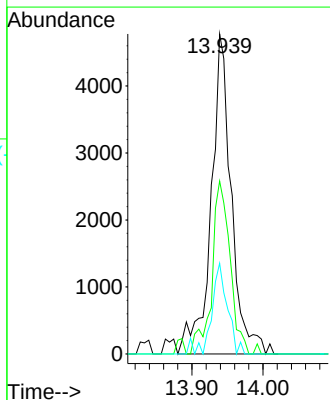
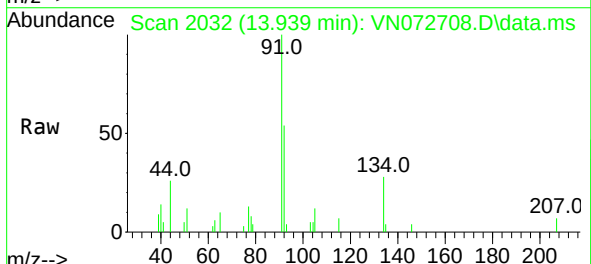
Instrument :
MSVOA_N
ClientSampleId :
IBLK

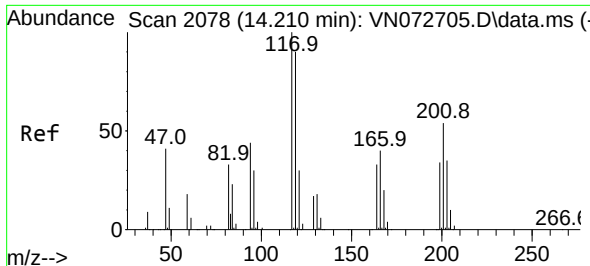
Tgt Ion:	146	Resp:	5092
Ion Ratio	Lower	Upper	
146	100		
111	45.1	19.1	57.1
148	69.9	31.4	94.3



#89
n-Butylbenzene
Concen: 1.007 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072708.D
Acq: 08 Jun 2022 19:05

Tgt Ion:	91	Resp:	9473
Ion Ratio	Lower	Upper	
91	100		
92	48.2	26.9	80.7
134	21.1	13.6	40.8

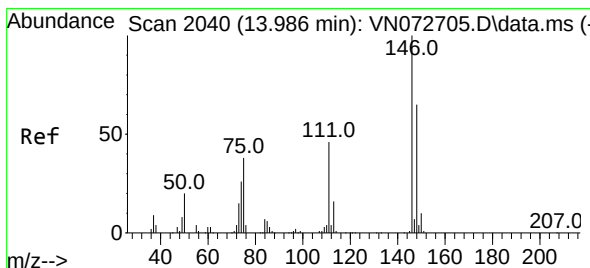
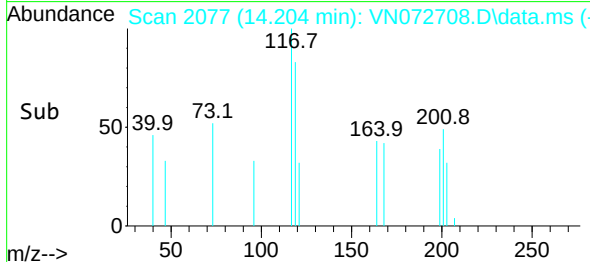
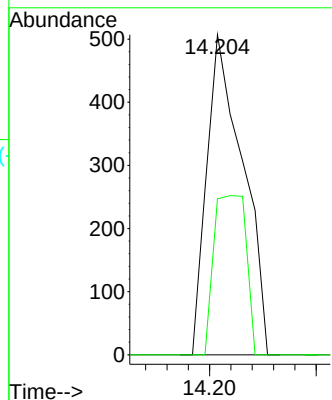
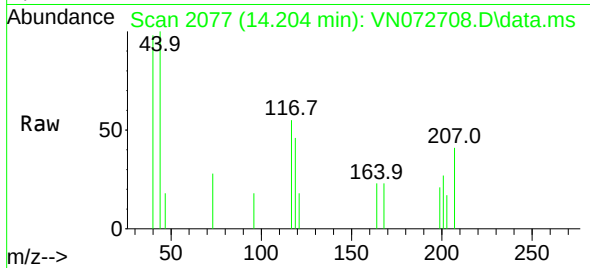




#90
Hexachloroethane
Concen: 0.246 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.006 min
Lab File: VN072708.D
Acq: 08 Jun 2022 19:05

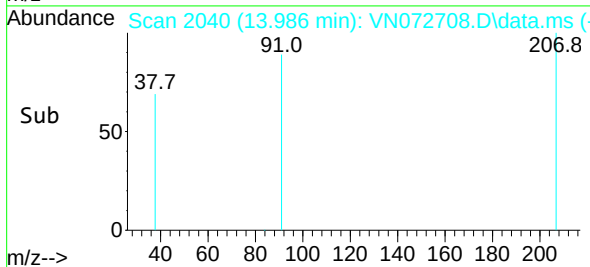
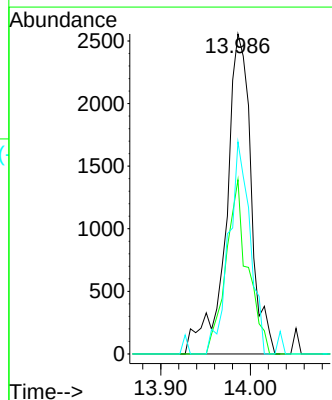
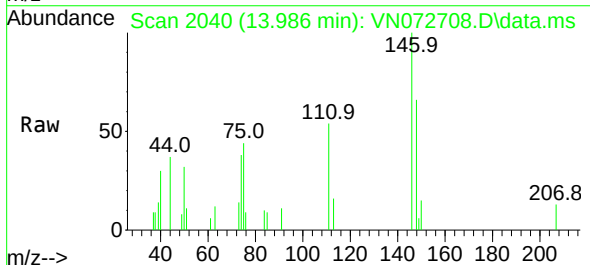
Instrument :
MSVOA_N
ClientSampleId :
IBLK

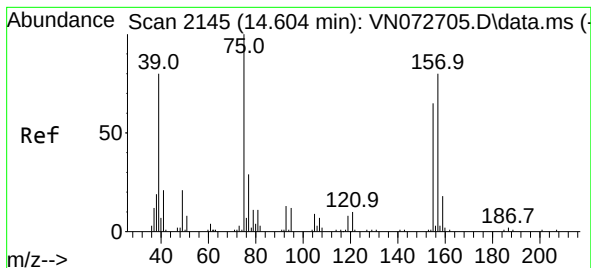
Tgt Ion:117 Resp: 595
Ion Ratio Lower Upper
117 100
201 44.5 40.6 122.0



#91
1,2-Dichlorobenzene
Concen: 0.995 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VN072708.D
Acq: 08 Jun 2022 19:05

Tgt Ion:146 Resp: 4936
Ion Ratio Lower Upper
146 100
111 47.3 20.9 62.8
148 56.9 32.1 96.3

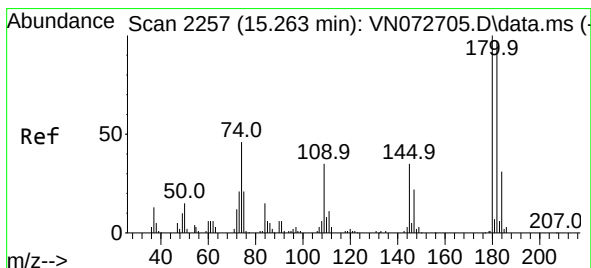
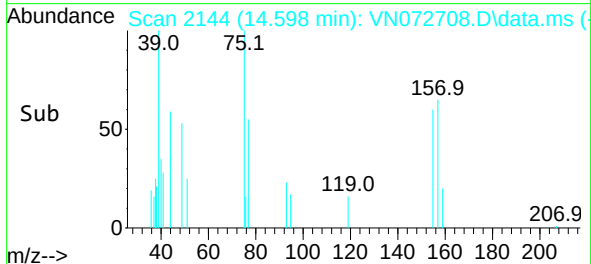
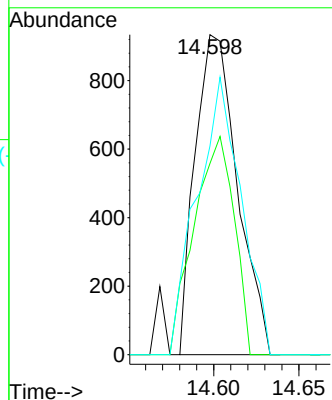
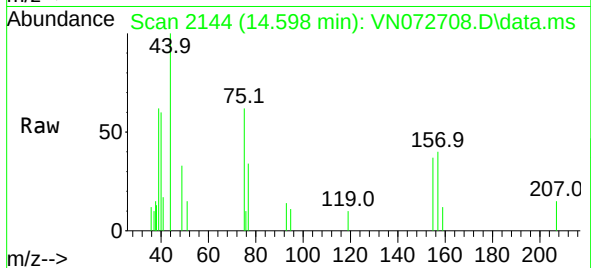




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.272 ug/l
 RT: 14.598 min Scan# 2144
 Delta R.T. -0.006 min
 Lab File: VN072708.D
 Acq: 08 Jun 2022 19:05

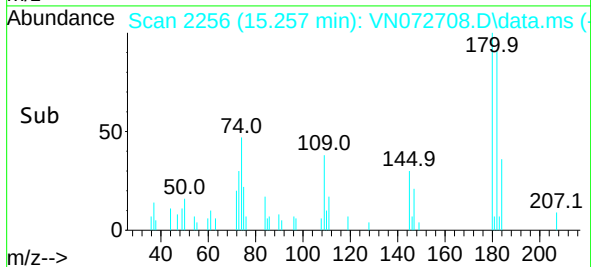
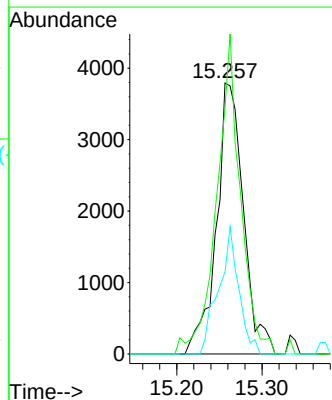
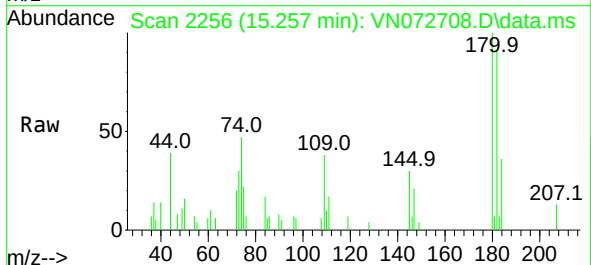
Instrument :
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 ClientSampleId :
 IBLK

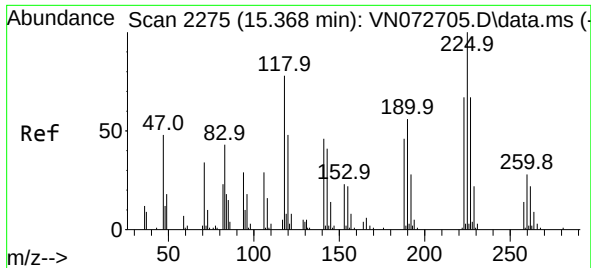
Tgt Ion: 75 Resp: 1612
 Ion Ratio Lower Upper
 75 100
 155 64.8 44.9 134.5
 157 90.6 59.0 176.8



#93
 1,2,4-Trichlorobenzene
 Concen: 3.501 ug/l
 RT: 15.257 min Scan# 2256
 Delta R.T. -0.006 min
 Lab File: VN072708.D
 Acq: 08 Jun 2022 19:05

Tgt Ion: 180 Resp: 8355
 Ion Ratio Lower Upper
 180 100
 182 103.3 47.5 142.5
 145 35.1 14.5 43.5

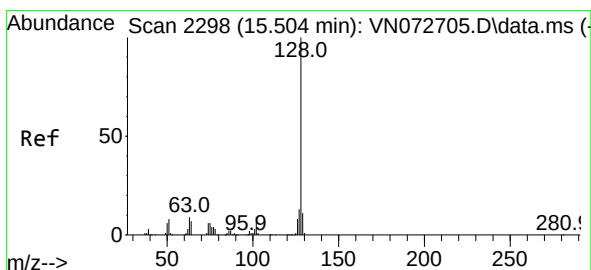
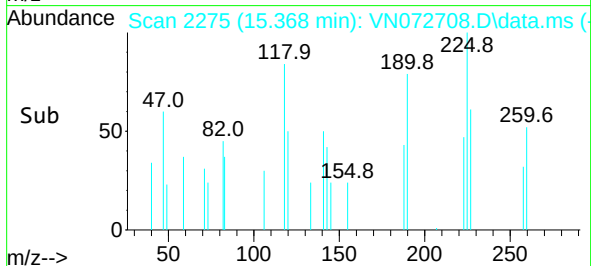
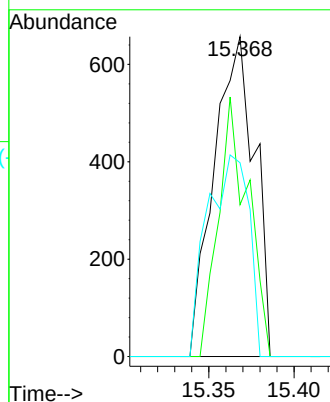
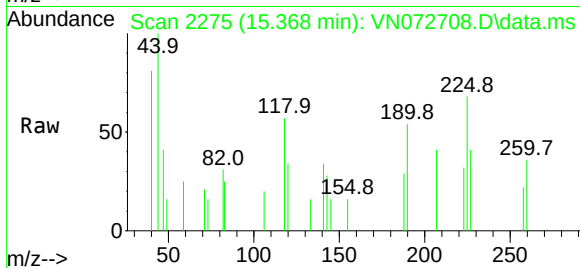




#94
Hexachlorobutadiene
Concen: 1.020 ug/l
RT: 15.368 min Scan# 2275
Delta R.T. 0.000 min
Lab File: VN072708.D
Acq: 08 Jun 2022 19:05

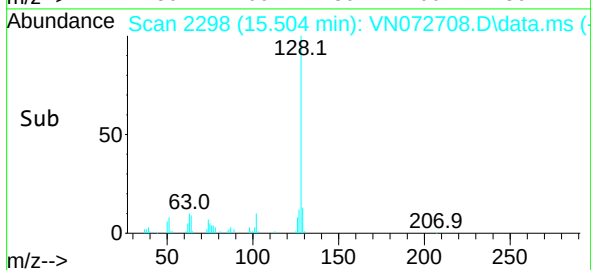
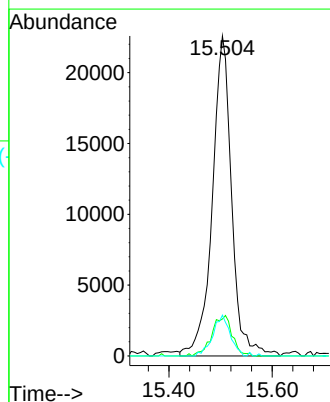
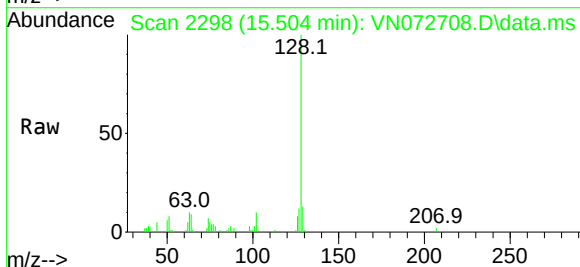
Instrument :
MSVOA_N
ClientSampleId :
IBLK

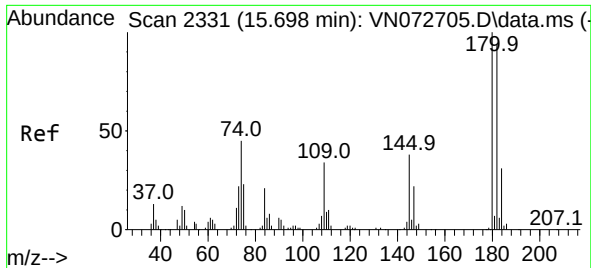
Tgt Ion:	225	Resp:	1090
Ion Ratio	Lower	Upper	
225	100		
223	59.3	32.4	97.2
227	64.4	31.8	95.4



#95
Naphthalene
Concen: 6.331 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VN072708.D
Acq: 08 Jun 2022 19:05

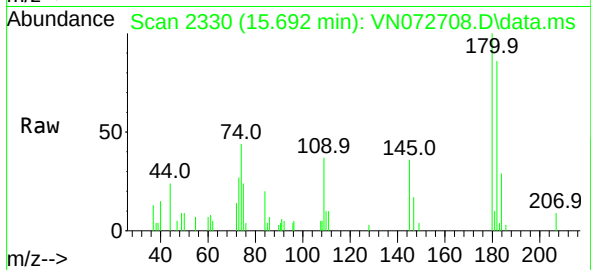
Tgt Ion:	128	Resp:	58621
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.3	15.5
129	11.5	8.6	13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 4.786 ug/l
 RT: 15.692 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN072708.D
 Acq: 08 Jun 2022 19:05

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK



Tgt Ion:180	Resp:	11375
Ion	Ratio	Lower Upper
180	100	
182	100.6	47.8 143.3
145	40.9	15.5 46.5

