

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061422\
 Data File : VN072843.D
 Acq On : 14 Jun 2022 19:47
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jun 15 04:35:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 15 04:13:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	350082	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.969	114	580278	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	518147	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	207670	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	224463	41.399	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	82.800%
35) Dibromofluoromethane	8.022	113	181193	50.434	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.860%
50) Toluene-d8	10.439	98	616254	43.465	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	86.920%
62) 4-Bromofluorobenzene	12.727	95	237103	49.818	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.640%

Target Compounds			Qvalue			
3) Chloromethane	2.299	50	1170	Below Cal	#	83
4) Vinyl Chloride	2.440	62	347	Below Cal	#	53
5) Bromomethane	2.863	94	1424	1.177	ug/l #	66
6) Chloroethane	2.987	64	284	Below Cal	#	42
10) Methyl Iodide	4.410	142	810	0.281	ug/l #	44
11) Tert butyl alcohol	5.304	59	1678	0.255	ug/l #	72
12) 1,1-Dichloroethene	4.181	96	701	0.217	ug/l #	55
13) Acrolein	4.046	56	814	1.321	ug/l	94
15) Acrylonitrile	5.557	53	4131	1.301	ug/l #	51
16) Acetone	4.304	43	4275	1.411	ug/l	94
17) Carbon Disulfide	4.528	76	4615	Below Cal	#	75
18) Methyl Acetate	4.863	43	2895	Below Cal	#	71
20) Methylene Chloride	5.093	84	1265	Below Cal	#	75
21) trans-1,2-Dichloroethene	5.604	96	1033	Below Cal	#	78
23) Vinyl Acetate	6.439	43	3123	0.236	ug/l #	68
25) 2-Butanone	7.357	43	5019	1.045	ug/l	90
26) 2,2-Dichloropropane	7.316	77	1651	0.291	ug/l #	53
29) Tetrahydrofuran	7.692	42	2216	0.723	ug/l #	64
31) Cyclohexane	8.086	56	9692	Below Cal	#	38
36) 1,1-Dichloropropene	8.216	75	1667	0.347	ug/l #	70
38) Carbon Tetrachloride	8.081	117	37995	7.933	ug/l #	17
39) Methylcyclohexane	9.445	83	1129	0.207	ug/l #	70
42) 1,2-Dichloroethane	8.528	62	1530	0.261	ug/l #	74
44) Trichloroethene	9.210	130	1158	0.314	ug/l	59
49) 1,4-Dioxane	9.580	88	469	4.067	ug/l #	20
51) 4-Methyl-2-Pentanone	10.327	43	5898	0.721	ug/l	92
58) 2-Chloroethyl Vinyl ether	10.039	63	673	0.238	ug/l #	79
59) 2-Hexanone	11.086	43	10885	1.773	ug/l	94
64) Tetrachloroethene	10.975	164	1110	0.334	ug/l #	87
65) Chlorobenzene	11.769	112	2853	0.280	ug/l	91
67) Ethyl Benzene	11.845	91	3931	0.213	ug/l	99
68) m/p-Xylenes	11.951	106	3043	0.466	ug/l	83
70) Styrene	12.298	104	3005	0.289	ug/l	96
74) N-amyl acetate	12.392	43	5830	0.633	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.827	83	1808	0.251	ug/l #	88
76) 1,2,3-Trichloropropane	12.727	75	123717	20.654	ug/l #	1

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061422\
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 ALS Vial : 19 Sample Multiplier: 1

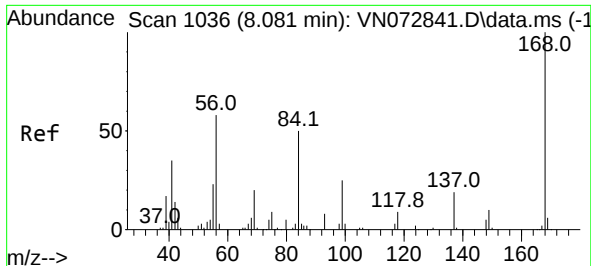
Instrument :
 MSVOA_N
 ClientSampleId :
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Quant Time: Jun 15 04:35:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 15 04:13:32 2022
 Response via : Initial Calibration

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

77) Bromobenzene	12.857	156	1607	0.371	ug/l	93
78) n-propylbenzene	12.921	91	6332	0.304	ug/l	96
79) 2-Chlorotoluene	13.004	91	4136	0.304	ug/l	93
80) 1,3,5-Trimethylbenzene	13.057	105	3674	0.242	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.727	75	123717	64.230	ug/l #	10
82) 4-Chlorotoluene	13.104	91	6204	0.499	ug/l	93
84) 1,2,4-Trimethylbenzene	13.368	105	4293	0.293	ug/l	99
85) sec-Butylbenzene	13.504	105	4817	0.263	ug/l	93
86) p-Isopropyltoluene	13.616	119	4505	0.316	ug/l	98
87) 1,3-Dichlorobenzene	13.616	146	4142	0.588	ug/l	94
88) 1,4-Dichlorobenzene	13.616	146	4142	0.581	ug/l	92
89) n-Butylbenzene	13.939	91	6836	0.595	ug/l	92
91) 1,2-Dichlorobenzene	13.986	146	4023	0.558	ug/l	89
92) 1,2-Dibromo-3-Chloropr...	14.598	75	1197	0.832	ug/l	93
93) 1,2,4-Trichlorobenzene	15.262	180	7800	2.286	ug/l	96
94) Hexachlorobutadiene	15.368	225	1100	0.699	ug/l	93
95) Naphthalene	15.504	128	45974	3.520	ug/l	99
96) 1,2,3-Trichlorobenzene	15.692	180	9958	2.841	ug/l	94

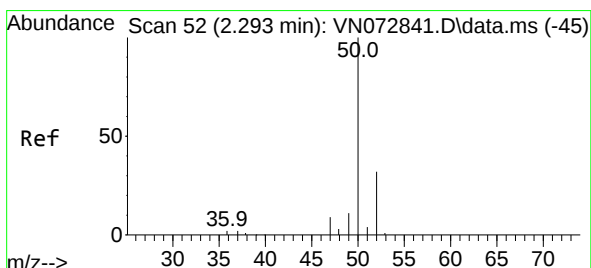
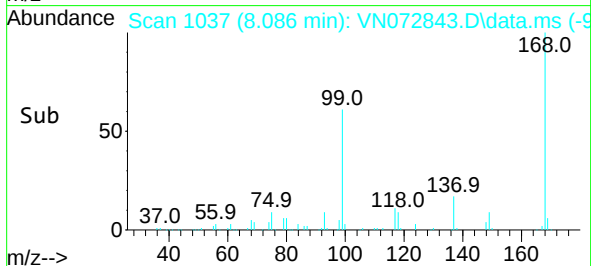
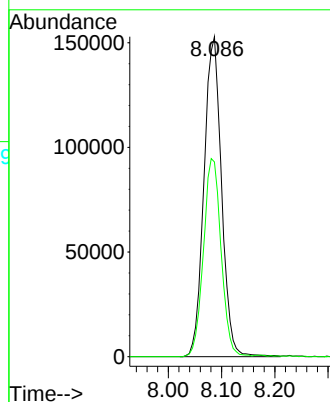
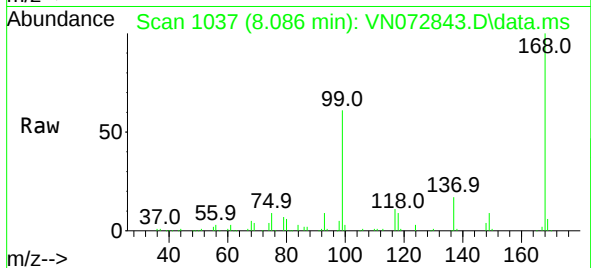
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN072843.D
Acq: 14 Jun 2022 19:47

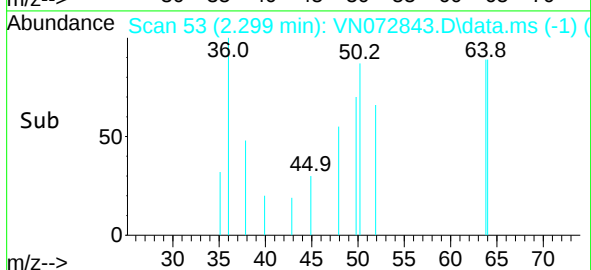
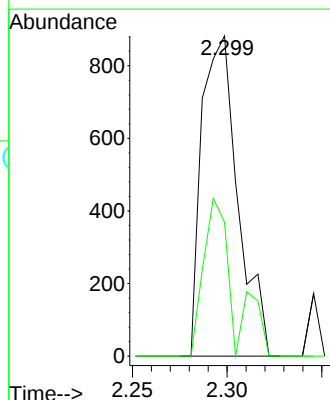
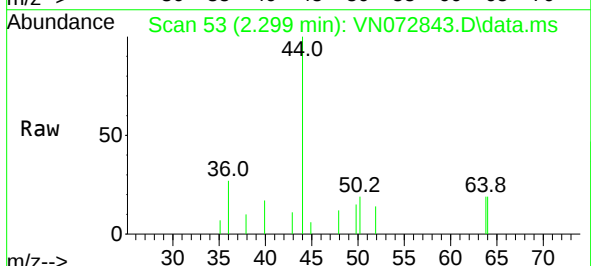
Instrument :
MSVOA_N
ClientSampleId :
IBLK

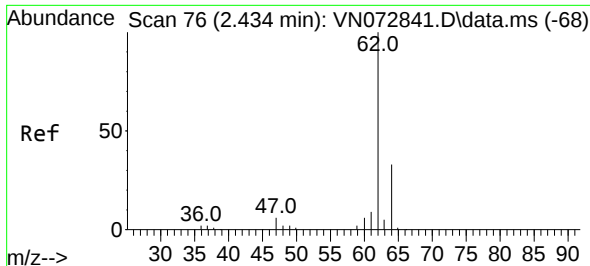
Tgt Ion:168 Resp: 350082
Ion Ratio Lower Upper
168 100
99 60.9 42.3 63.5



#3
Chloromethane
Concen: Below Cal
RT: 2.299 min Scan# 53
Delta R.T. 0.006 min
Lab File: VN072843.D
Acq: 14 Jun 2022 19:47

Tgt Ion: 50 Resp: 1170
Ion Ratio Lower Upper
50 100
52 41.8 25.7 38.5#

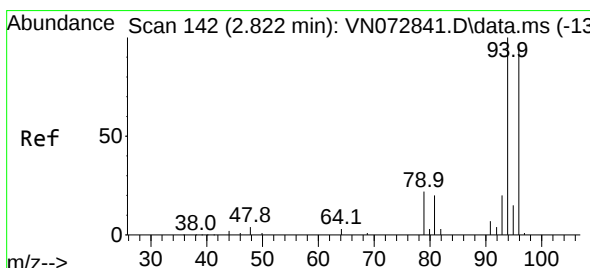
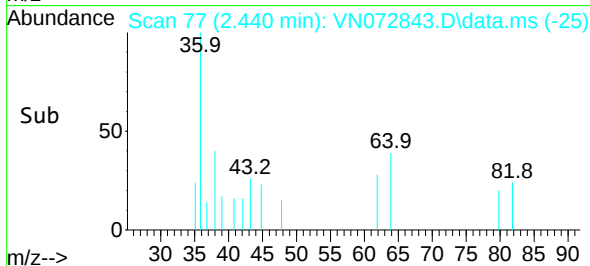
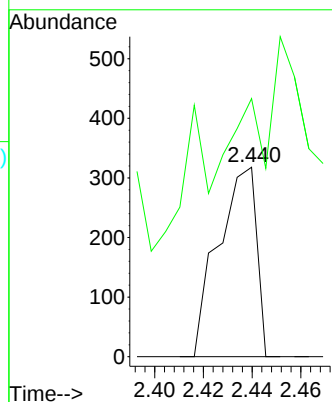
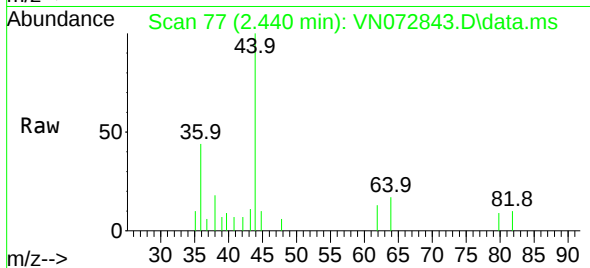




#4
 Vinyl Chloride
 Concen: Below Cal
 RT: 2.440 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VN072843.D
 Acq: 14 Jun 2022 19:47

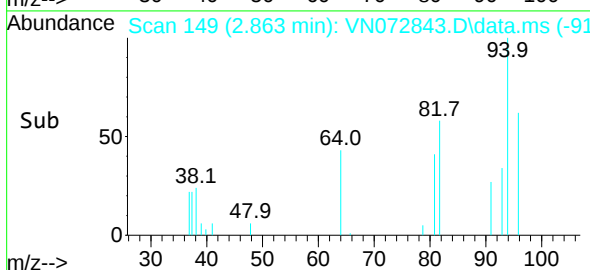
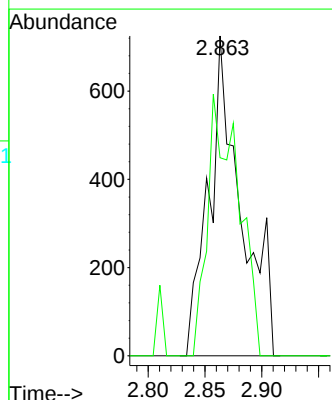
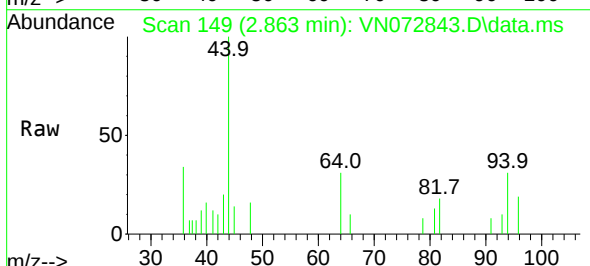
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

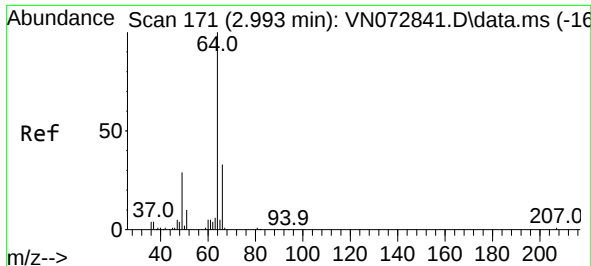
Tgt Ion: 62 Resp: 347
 Ion Ratio Lower Upper
 62 100
 64 57.2 25.0 37.4#



#5
 Bromomethane
 Concen: 1.177 ug/l
 RT: 2.863 min Scan# 149
 Delta R.T. 0.041 min
 Lab File: VN072843.D
 Acq: 14 Jun 2022 19:47

Tgt Ion: 94 Resp: 1424
 Ion Ratio Lower Upper
 94 100
 96 61.9 76.0 114.0#

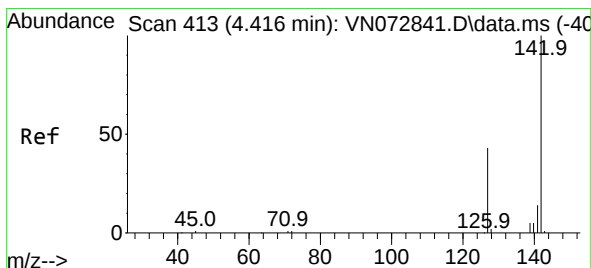
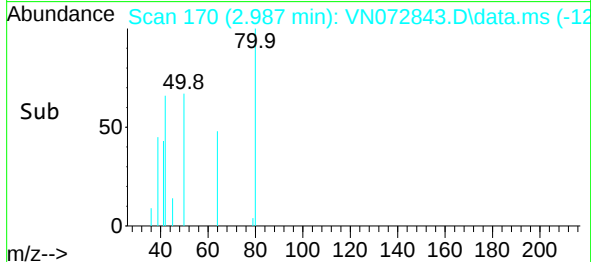
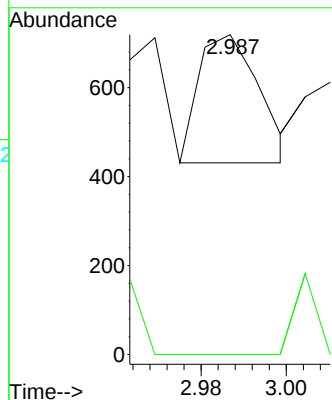
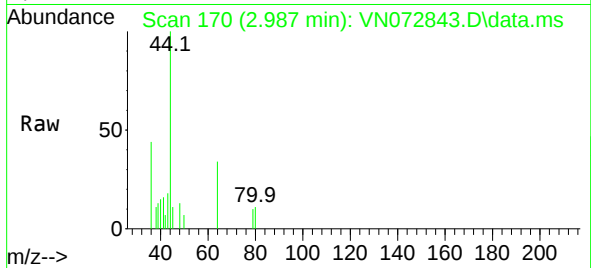




#6
Chloroethane
Concen: Below Cal
RT: 2.987 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN072843.D
Acq: 14 Jun 2022 19:47

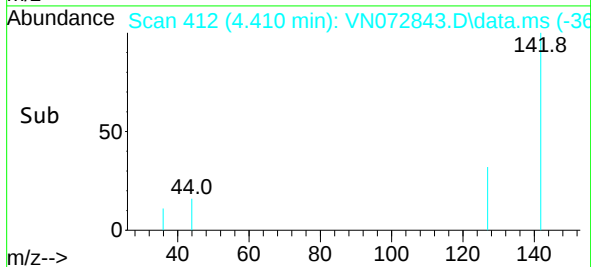
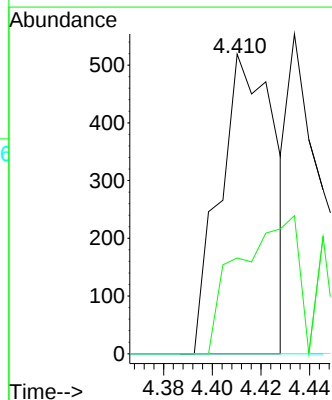
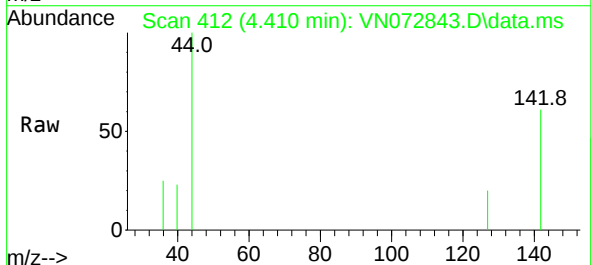
Instrument :
MSVOA_N
ClientSampleId :
IBLK

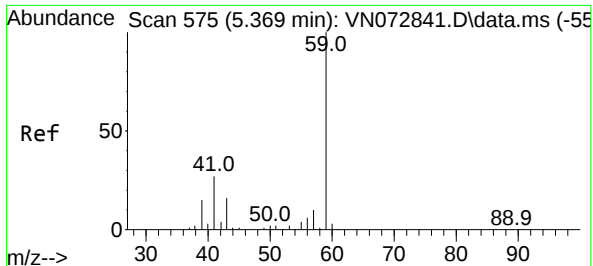
Tgt Ion: 64 Resp: 284
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#10
Methyl Iodide
Concen: 0.281 ug/l
RT: 4.410 min Scan# 412
Delta R.T. -0.006 min
Lab File: VN072843.D
Acq: 14 Jun 2022 19:47

Tgt Ion: 142 Resp: 810
Ion Ratio Lower Upper
142 100
127 0.0 31.3 46.9#
141 0.0 11.2 16.8#





#11

Tert butyl alcohol

Concen: 0.255 ug/l

RT: 5.304 min Scan# 5

Delta R.T. -0.065 min

Lab File: VN072843.D

Acq: 14 Jun 2022 19:47

Instrument :

MSVOA_N

ClientSampleId :

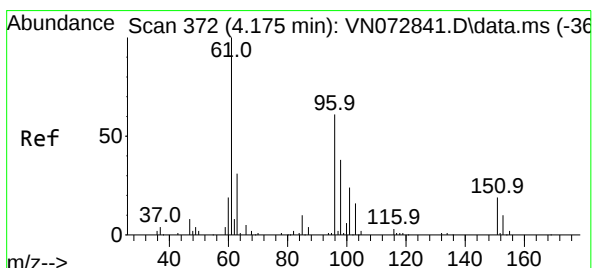
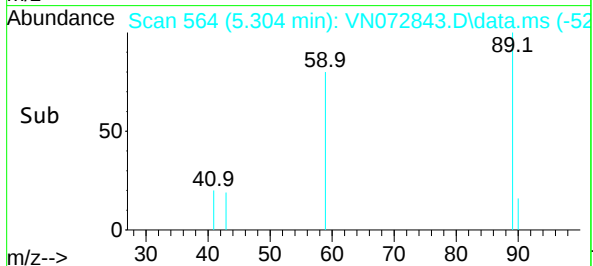
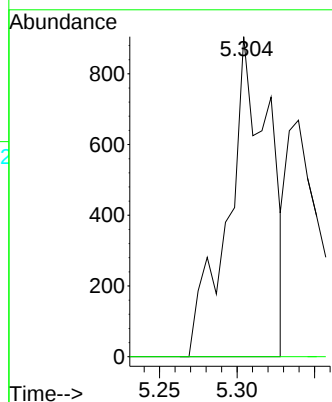
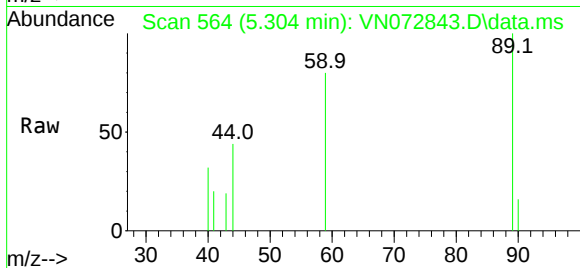
IBLK

Tgt Ion: 59 Resp: 1678

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#12

1,1-Dichloroethene

Concen: 0.217 ug/l

RT: 4.181 min Scan# 373

Delta R.T. 0.006 min

Lab File: VN072843.D

Acq: 14 Jun 2022 19:47

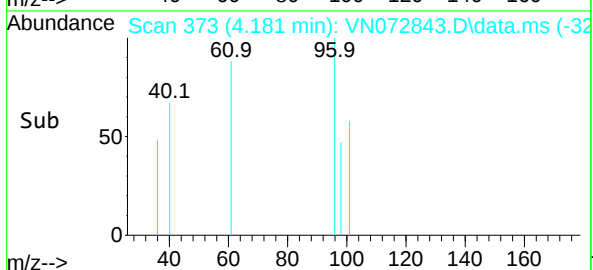
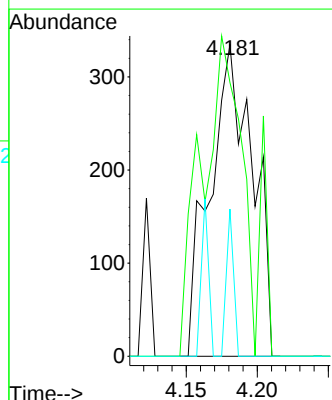
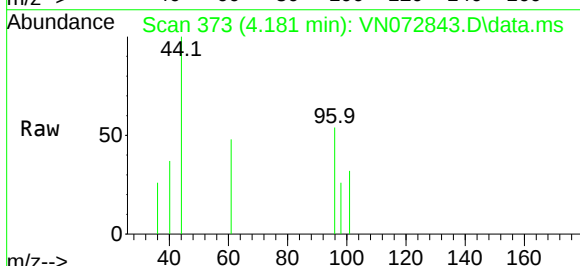
Tgt Ion: 96 Resp: 701

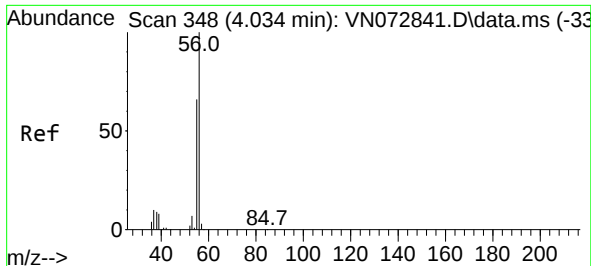
Ion Ratio Lower Upper

96 100

61 87.8 127.6 191.4#

98 47.2 51.2 76.8#





#13

Acrolein

Concen: 1.321 ug/l

RT: 4.046 min Scan# 3

Delta R.T. 0.012 min

Lab File: VN072843.D

Acq: 14 Jun 2022 19:47

Instrument :

MSVOA_N

ClientSampleId :

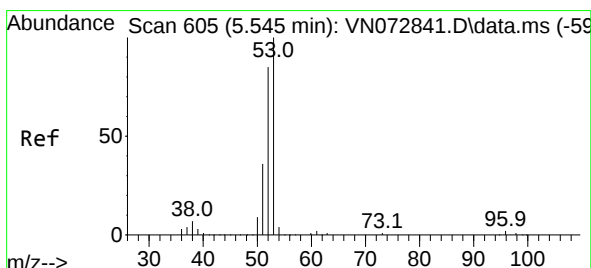
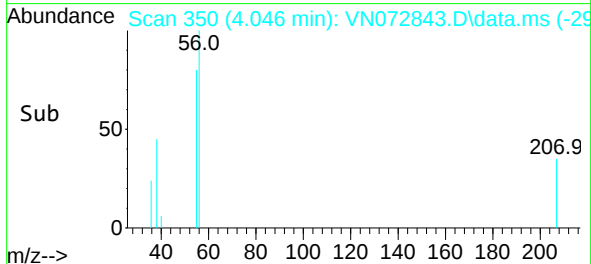
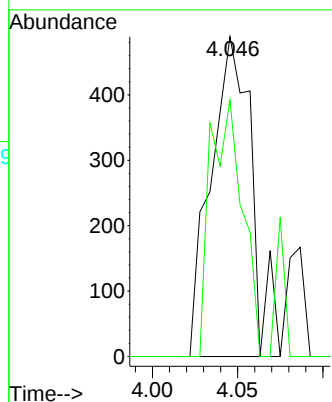
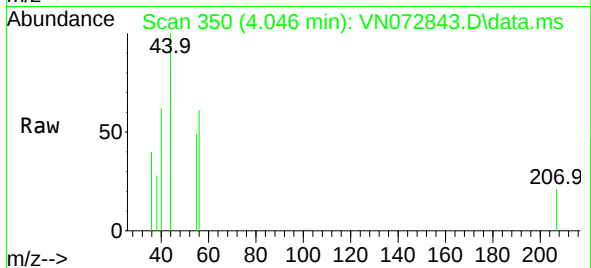
IBLK

Tgt Ion: 56 Resp: 814

Ion Ratio Lower Upper

56 100

55 63.4 54.8 82.2



#15

Acrylonitrile

Concen: 1.301 ug/l

RT: 5.557 min Scan# 607

Delta R.T. 0.012 min

Lab File: VN072843.D

Acq: 14 Jun 2022 19:47

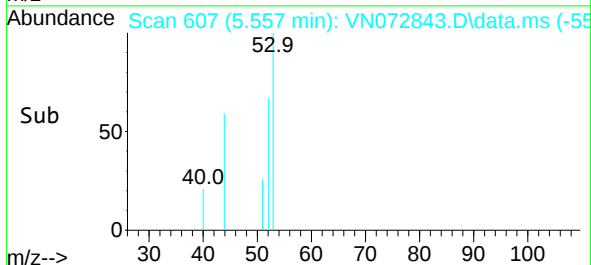
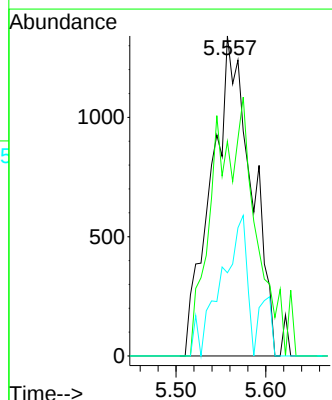
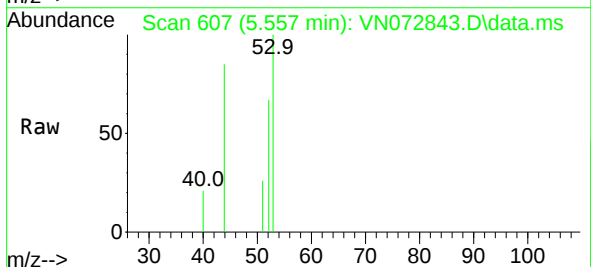
Tgt Ion: 53 Resp: 4131

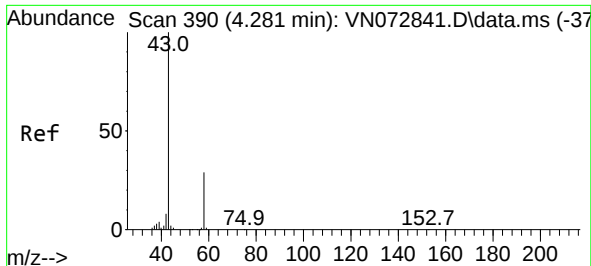
Ion Ratio Lower Upper

53 100

52 43.5 66.4 99.6#

51 0.0 28.5 42.7#





#16

Acetone

Concen: 1.411 ug/l

RT: 4.304 min Scan# 394

Delta R.T. 0.023 min

Lab File: VN072843.D

Acq: 14 Jun 2022 19:47

Instrument :

MSVOA_N

ClientSampleId :

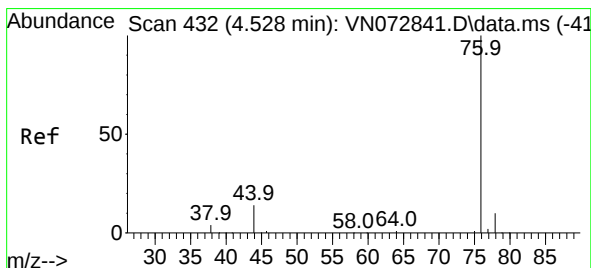
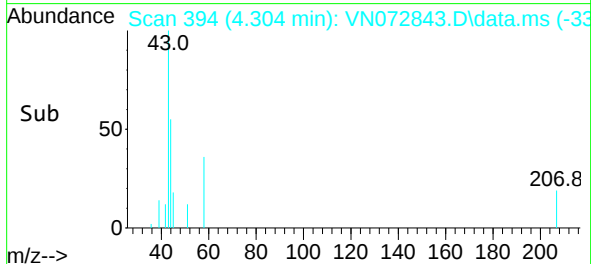
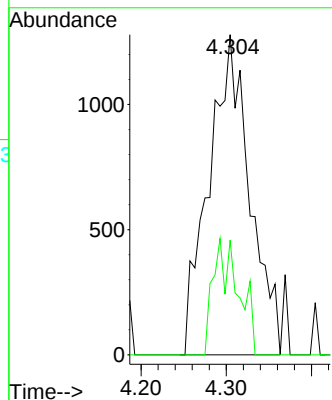
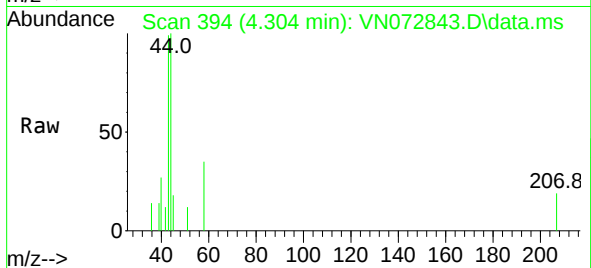
IBLK

Tgt Ion: 43 Resp: 4275

Ion Ratio Lower Upper

43 100

58 35.8 26.0 39.0



#17

Carbon Disulfide

Concen: Below Cal

RT: 4.528 min Scan# 432

Delta R.T. -0.000 min

Lab File: VN072843.D

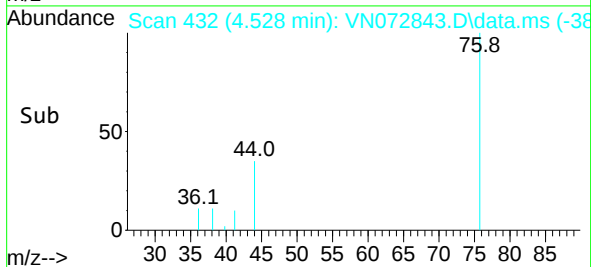
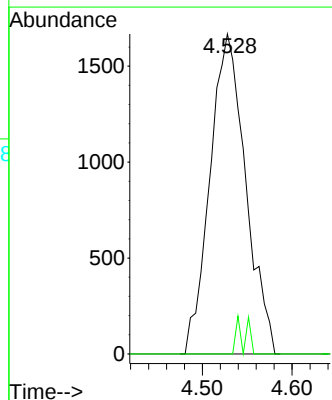
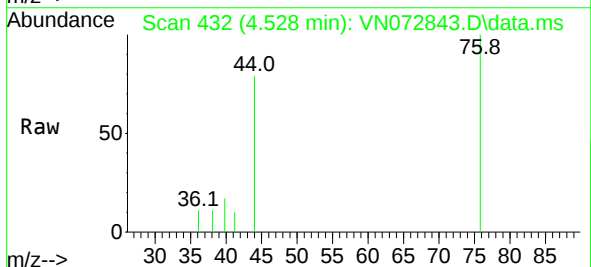
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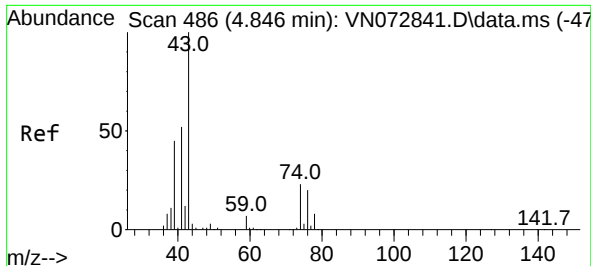
Tgt Ion: 76 Resp: 4615

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#

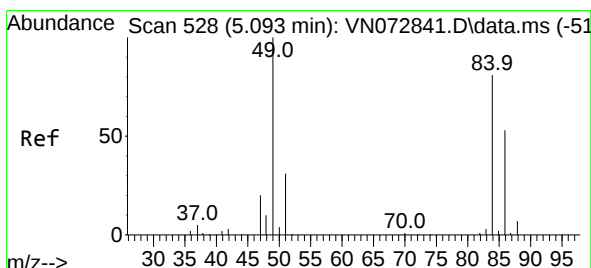
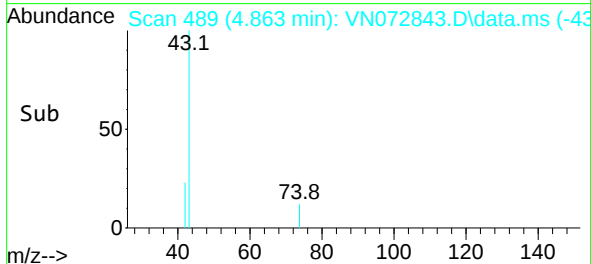
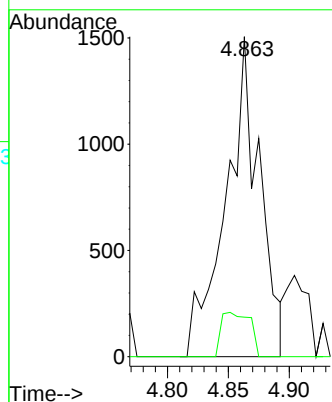
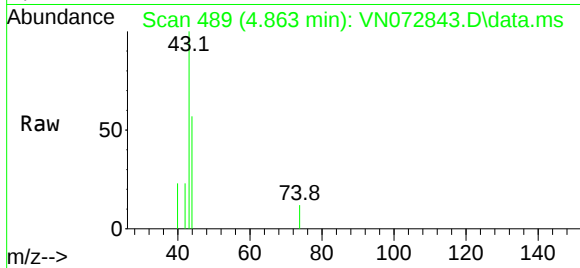




#18
Methyl Acetate
Concen: Below Cal
RT: 4.863 min Scan# 489
Delta R.T. 0.017 min
Lab File: VN072843.D
Acq: 14 Jun 2022 19:47

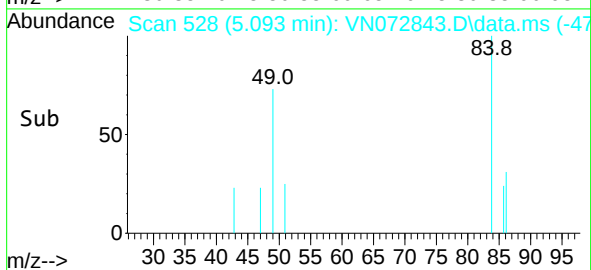
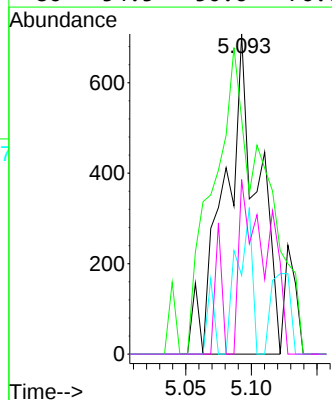
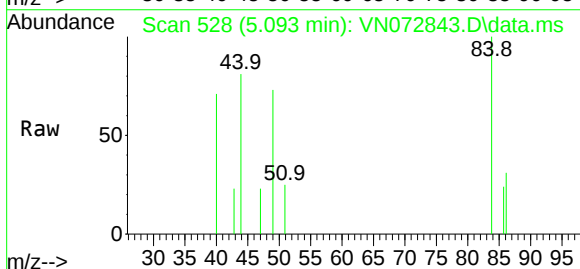
Instrument :
MSVOA_N
ClientSampleId :
IBLK

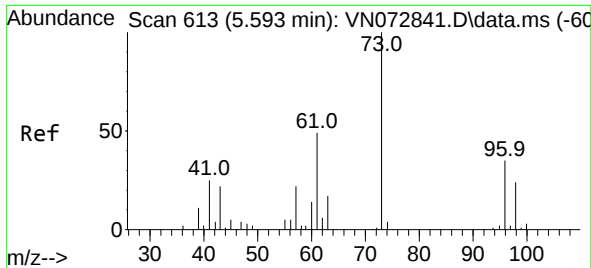
Tgt Ion: 43 Resp: 2895
Ion Ratio Lower Upper
43 100
74 11.8 21.6 32.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.093 min Scan# 528
Delta R.T. -0.000 min
Lab File: VN072843.D
Acq: 14 Jun 2022 19:47

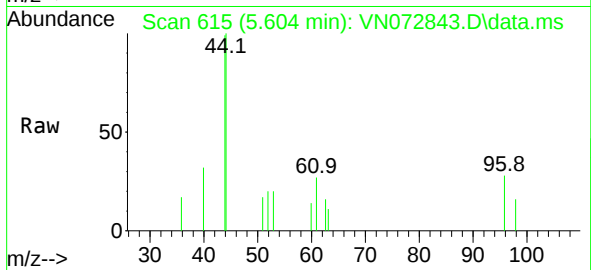
Tgt Ion: 84 Resp: 1265
Ion Ratio Lower Upper
84 100
49 73.4 88.3 132.5#
51 24.6 28.2 42.2#
86 54.5 50.6 76.0



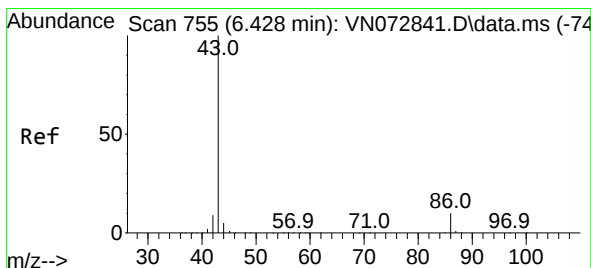
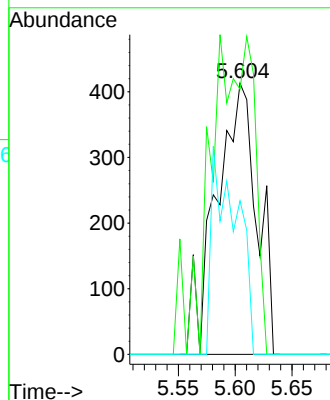
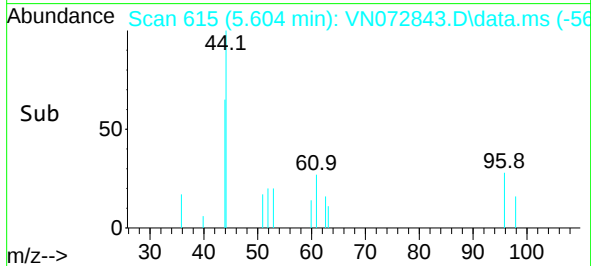


#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 5.604 min Scan# 613
Delta R.T. 0.011 min
Lab File: VN072843.D
Acq: 14 Jun 2022 19:47

Instrument :
MSVOA_N
ClientSampleId :
IBLK

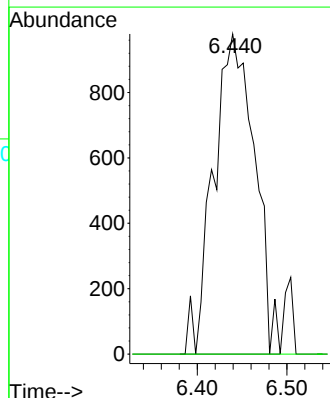
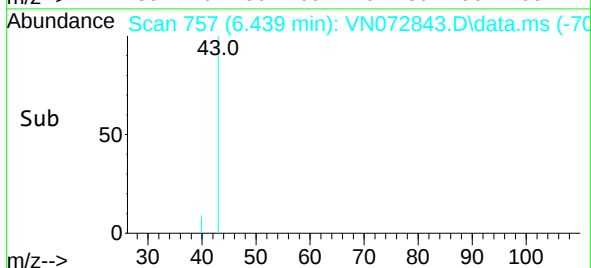
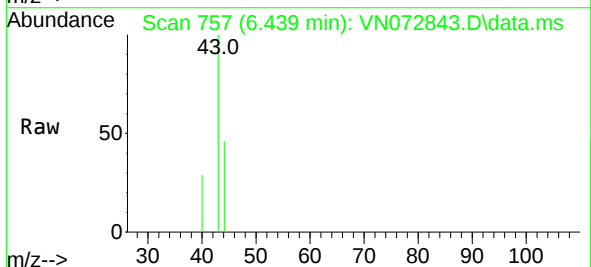


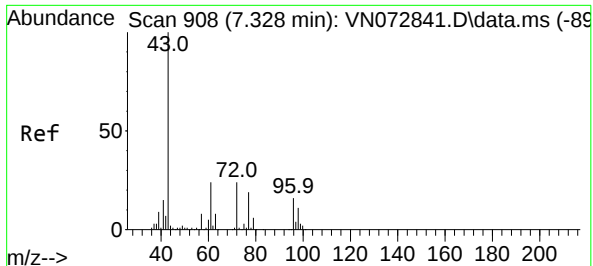
Tgt Ion: 96 Resp: 1033
Ion Ratio Lower Upper
96 100
61 97.8 105.8 158.8#
98 56.7 50.3 75.5



#23
Vinyl Acetate
Concen: 0.236 ug/l
RT: 6.439 min Scan# 757
Delta R.T. 0.011 min
Lab File: VN072843.D
Acq: 14 Jun 2022 19:47

Tgt Ion: 43 Resp: 3123
Ion Ratio Lower Upper
43 100
86 0.0 10.0 15.0#





#25

2-Butanone

Concen: 1.045 ug/l

RT: 7.357 min Scan# 91

Delta R.T. 0.029 min

Lab File: VN072843.D

Acq: 14 Jun 2022 19:47

Instrument :

MSVOA_N

ClientSampleId :

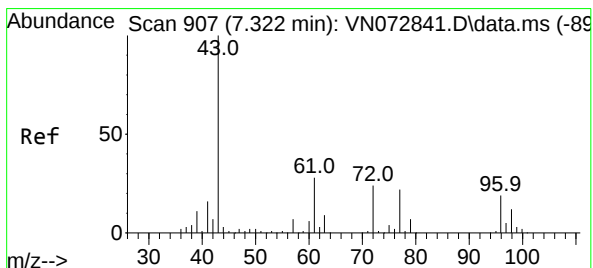
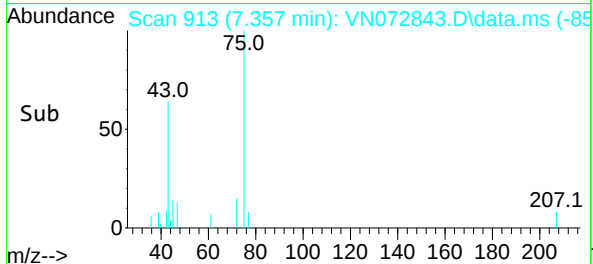
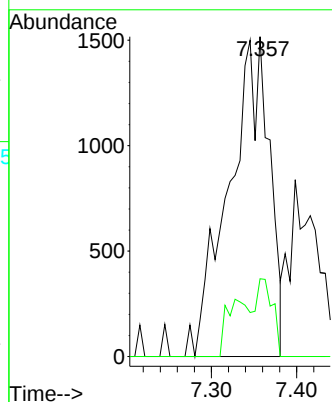
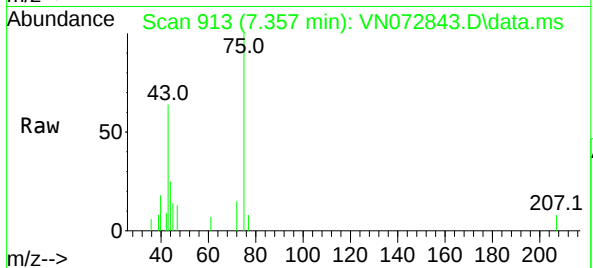
IBLK

Tgt Ion: 43 Resp: 5019

Ion Ratio Lower Upper

43 100

72 24.3 23.7 35.5



#26

2,2-Dichloropropane

Concen: 0.291 ug/l

RT: 7.316 min Scan# 906

Delta R.T. -0.006 min

Lab File: VN072843.D

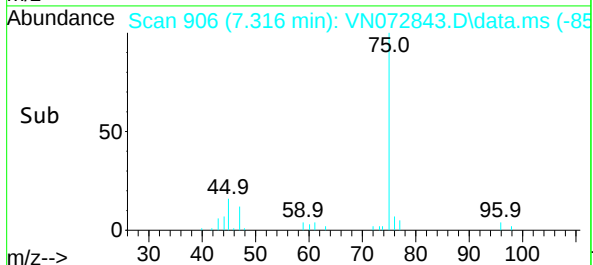
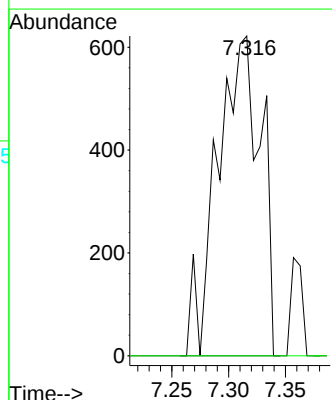
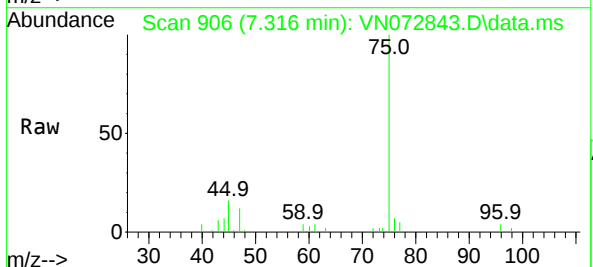
Acq: 14 Jun 2022 19:47

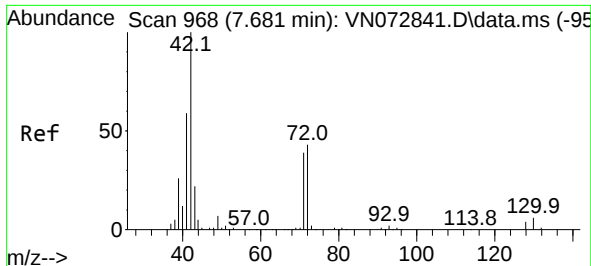
Tgt Ion: 77 Resp: 1651

Ion Ratio Lower Upper

77 100

97 0.0 11.4 34.2#





#29

Tetrahydrofuran

Concen: 0.723 ug/l

RT: 7.692 min Scan# 91

Delta R.T. 0.011 min

Lab File: VN072843.D

Acq: 14 Jun 2022 19:47

Instrument :

MSVOA_N

ClientSampleId :

IBLK

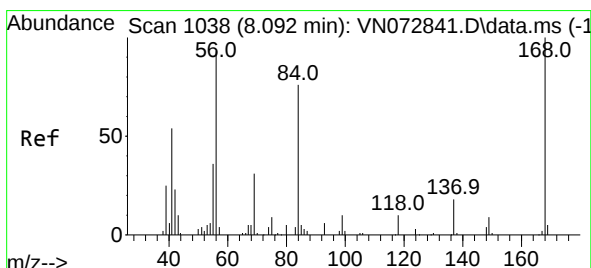
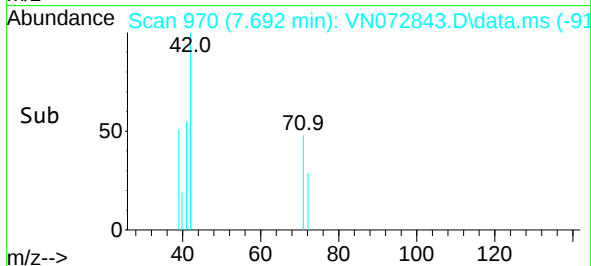
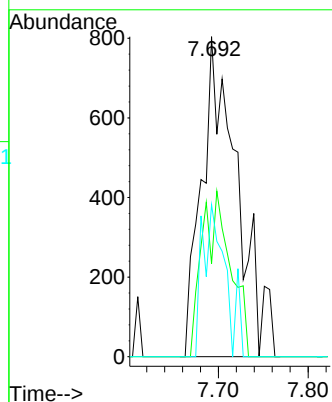
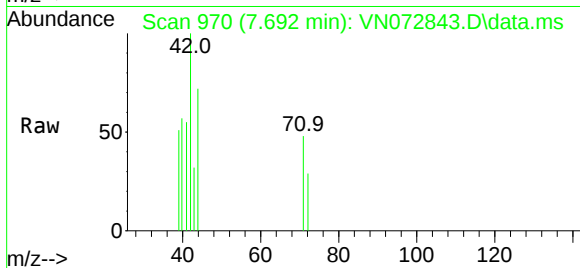
Tgt Ion: 42 Resp: 2216

Ion Ratio Lower Upper

42 100

72 16.9 39.7 59.5#

71 30.7 36.6 55.0#



#31

Cyclohexane

Concen: Below Cal

RT: 8.086 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VN072843.D

Acq: 14 Jun 2022 19:47

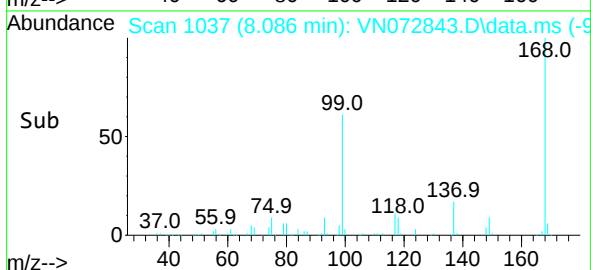
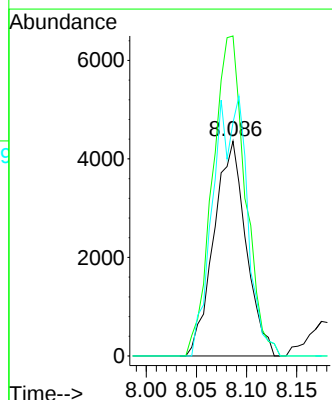
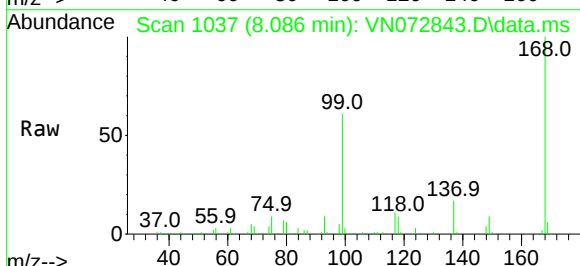
Tgt Ion: 56 Resp: 9692

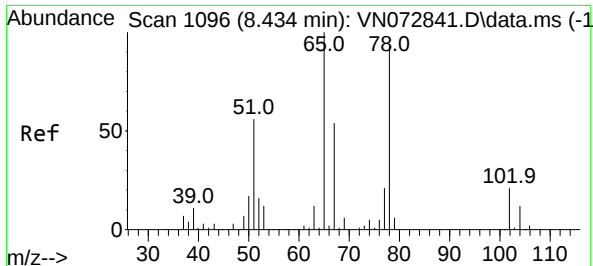
Ion Ratio Lower Upper

56 100

69 149.0 27.8 41.8#

84 108.6 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 41.399 ug/l

RT: 8.433 min Scan# 110

Delta R.T. -0.001 min

Lab File: VN072843.D

Acq: 14 Jun 2022 19:47

Instrument :

MSVOA_N

ClientSampleId :

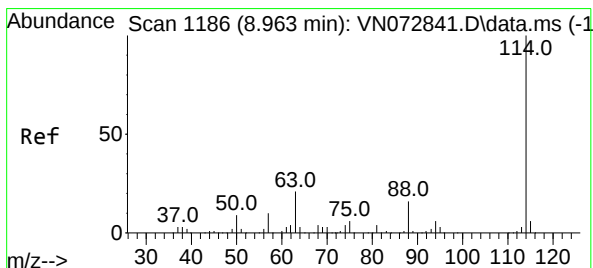
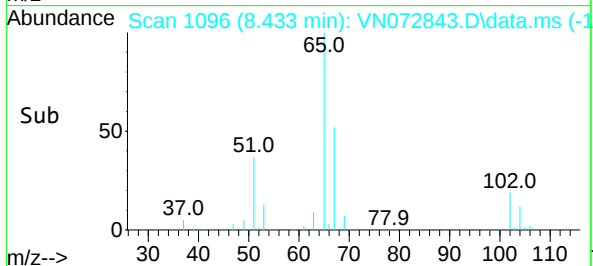
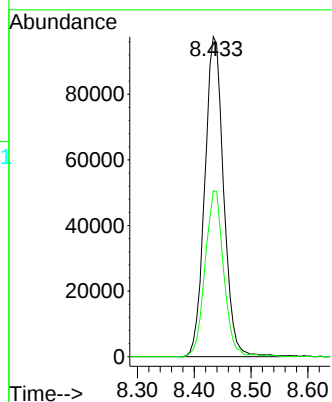
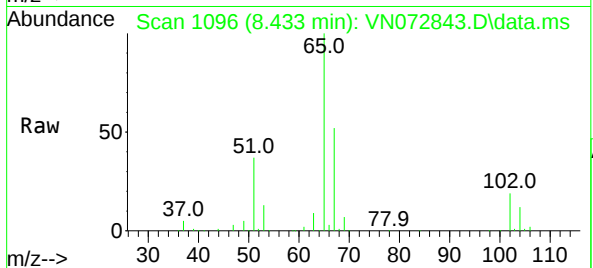
IBLK

Tgt Ion: 65 Resp: 224463

Ion Ratio Lower Upper

65 100

67 51.2 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.969 min Scan# 1187

Delta R.T. 0.006 min

Lab File: VN072843.D

Acq: 14 Jun 2022 19:47

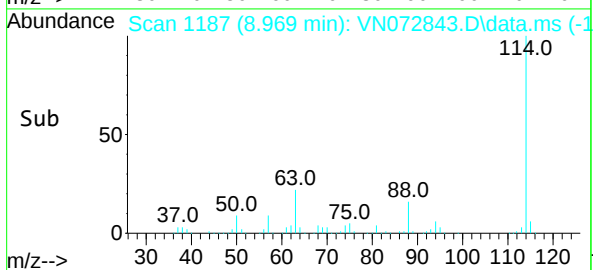
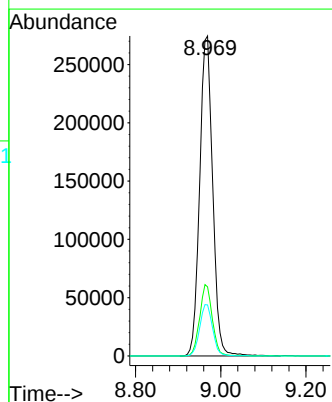
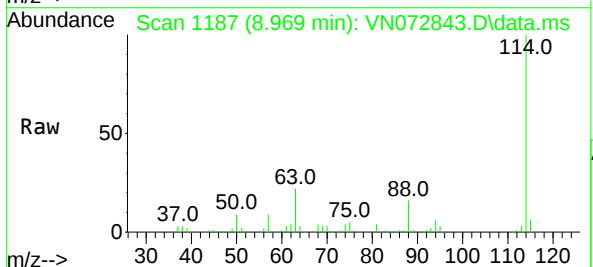
Tgt Ion: 114 Resp: 580278

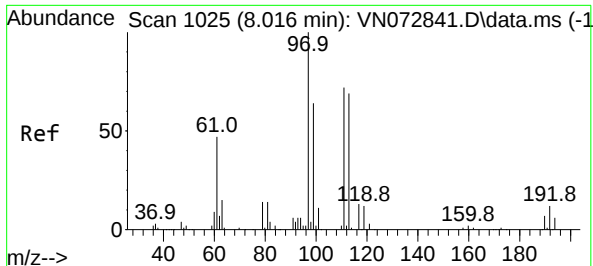
Ion Ratio Lower Upper

114 100

63 21.6 0.0 40.0

88 15.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.434 ug/l

RT: 8.022 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN072843.D

Acq: 14 Jun 2022 19:47

Instrument :

MSVOA_N

ClientSampleId :

IBLK

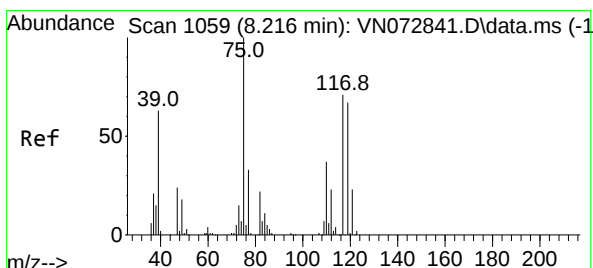
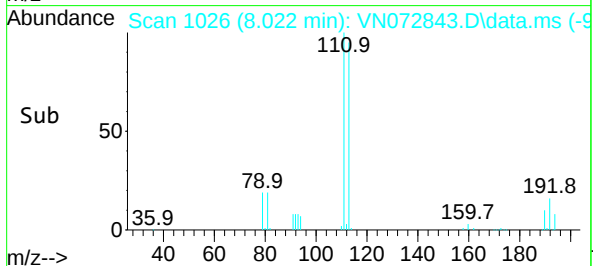
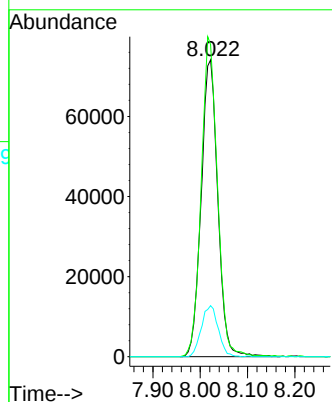
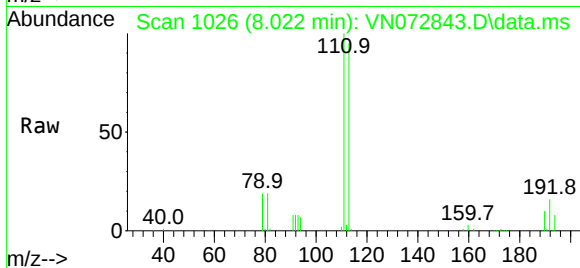
Tgt Ion:113 Resp: 181193

Ion Ratio Lower Upper

113 100

111 104.8 81.4 122.0

192 17.4 17.0 25.6



#36

1,1-Dichloropropene

Concen: 0.347 ug/l

RT: 8.216 min Scan# 1059

Delta R.T. -0.000 min

Lab File: VN072843.D

Acq: 14 Jun 2022 19:47

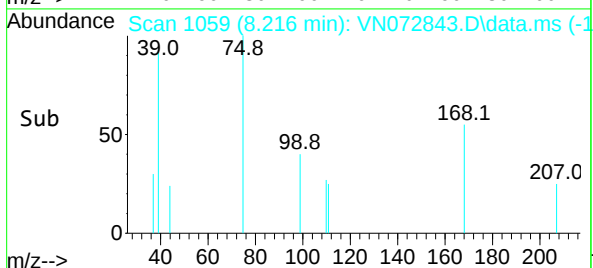
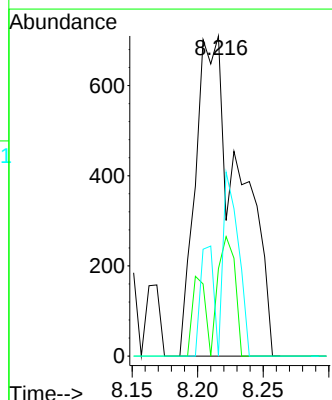
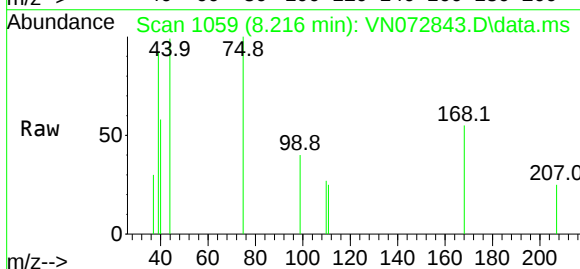
Tgt Ion: 75 Resp: 1667

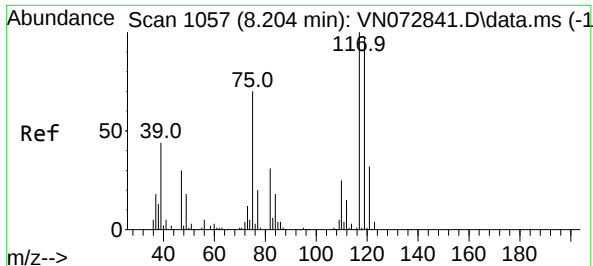
Ion Ratio Lower Upper

75 100

110 14.3 18.3 54.8#

77 19.6 25.1 37.7#

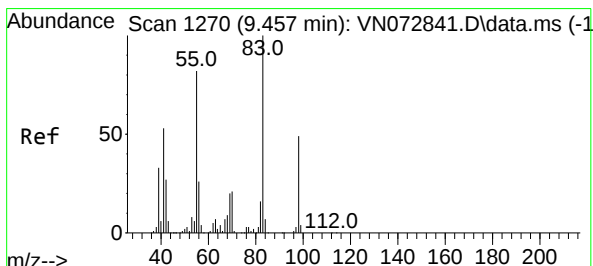
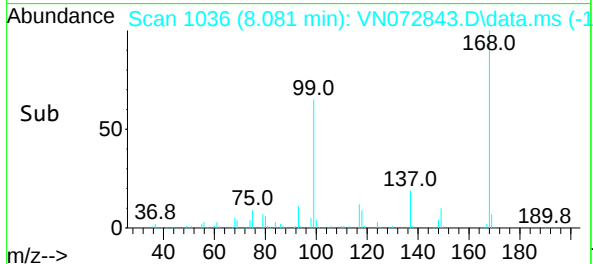
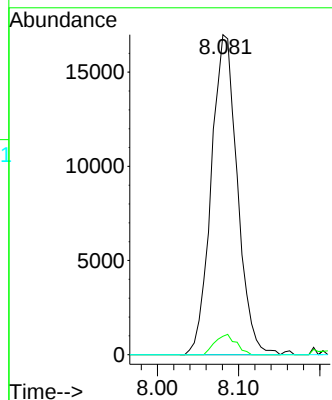
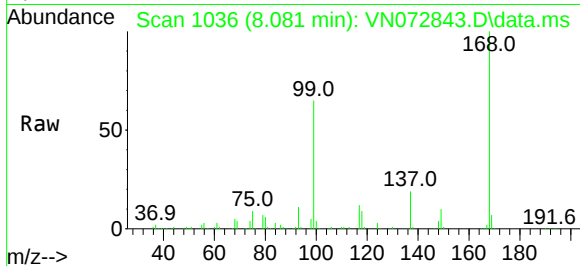




#38
Carbon Tetrachloride
Concen: 7.933 ug/l
RT: 8.081 min Scan# 1057
Delta R.T. -0.123 min
Lab File: VN072843.D
Acq: 14 Jun 2022 19:47

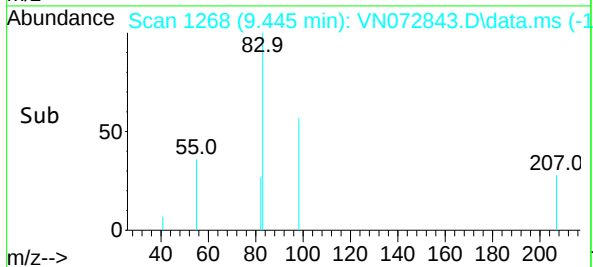
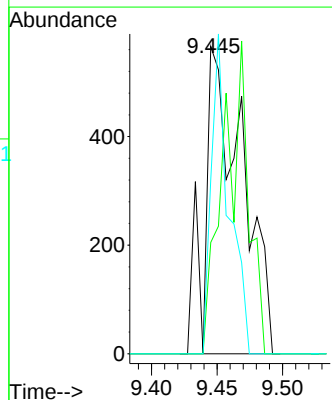
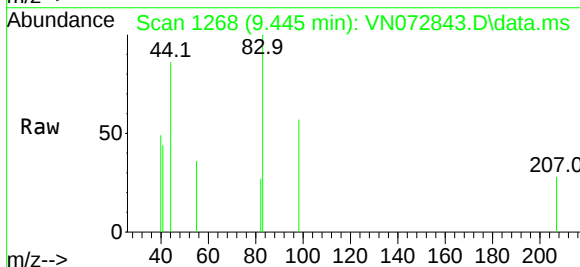
Instrument :
MSVOA_N
ClientSampleId :
IBLK

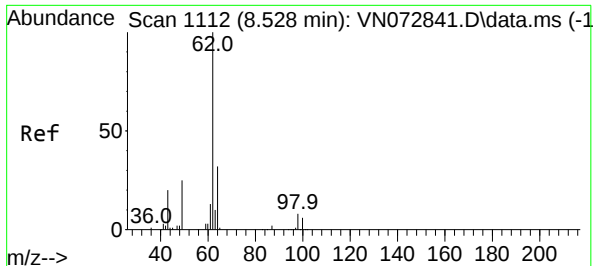
Tgt Ion:117 Resp: 37995
Ion Ratio Lower Upper
117 100
119 5.7 75.8 113.8#
121 0.0 24.6 37.0#



#39
Methylcyclohexane
Concen: 0.207 ug/l
RT: 9.445 min Scan# 1268
Delta R.T. -0.012 min
Lab File: VN072843.D
Acq: 14 Jun 2022 19:47

Tgt Ion: 83 Resp: 1129
Ion Ratio Lower Upper
83 100
55 36.2 57.8 86.8#
98 56.7 39.4 59.2

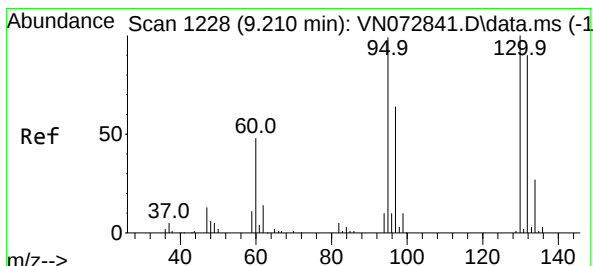
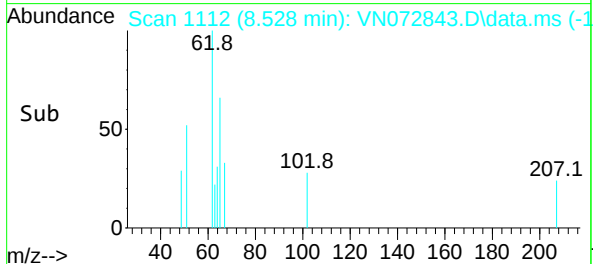
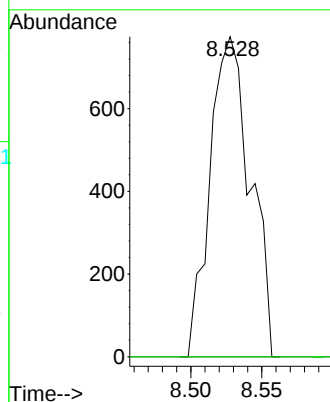
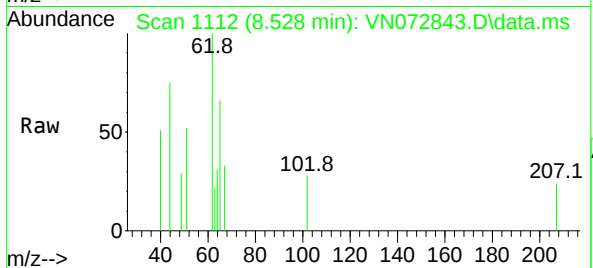




#42
1,2-Dichloroethane
Concen: 0.261 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN072843.D
Acq: 14 Jun 2022 19:47

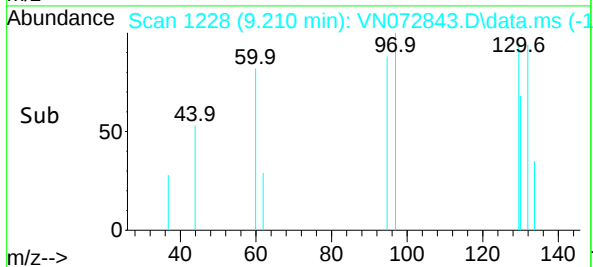
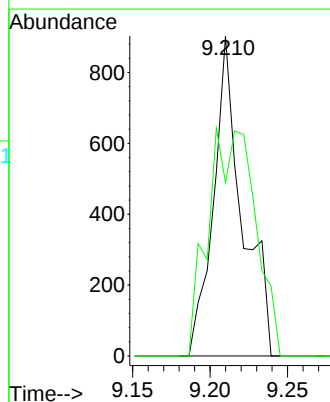
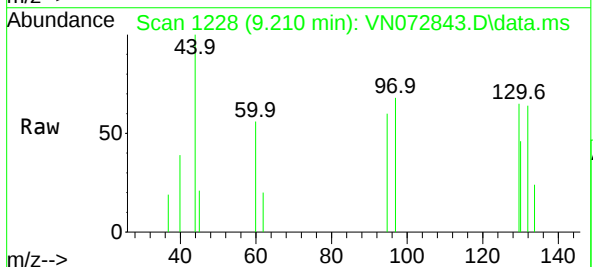
Instrument :
MSVOA_N
ClientSampleId :
IBLK

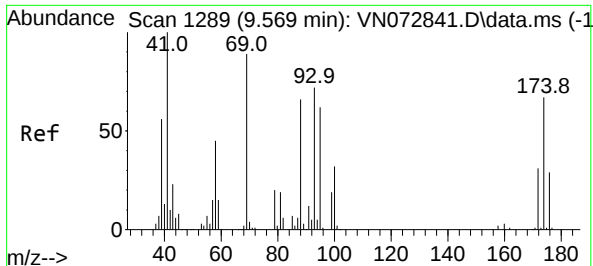
Tgt Ion: 62 Resp: 1530
Ion Ratio Lower Upper
62 100
98 0.0 0.0 19.4



#44
Trichloroethene
Concen: 0.314 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VN072843.D
Acq: 14 Jun 2022 19:47

Tgt Ion:130 Resp: 1158
Ion Ratio Lower Upper
130 100
95 54.2 0.0 186.8

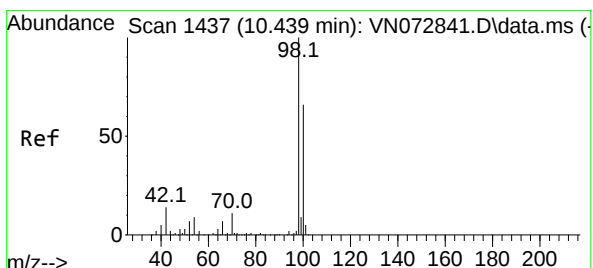
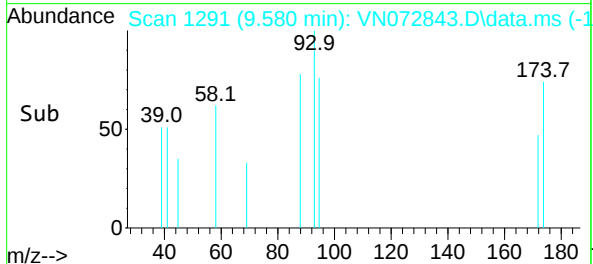
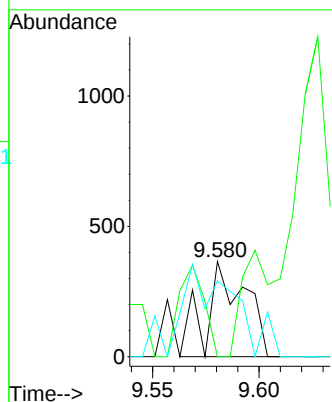
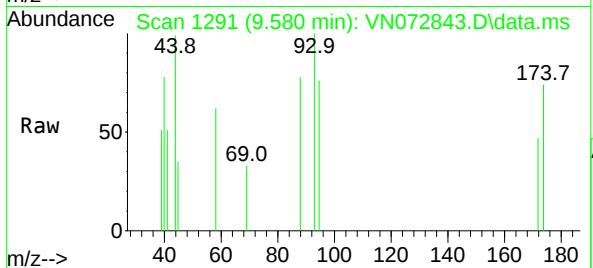




#49
1,4-Dioxane
Concen: 4.067 ug/l
RT: 9.580 min Scan# 1291
Delta R.T. 0.011 min
Lab File: VN072843.D
Acq: 14 Jun 2022 19:47

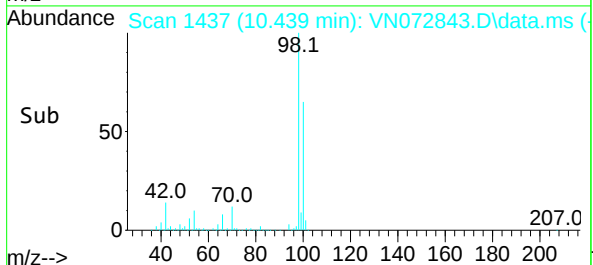
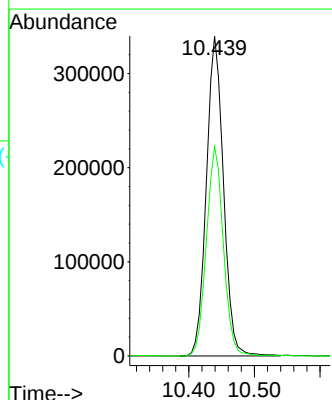
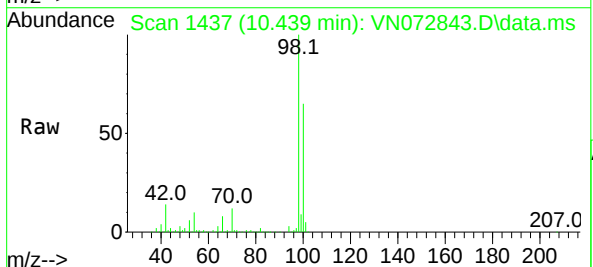
Instrument :
MSVOA_N
ClientSampleId :
IBLK

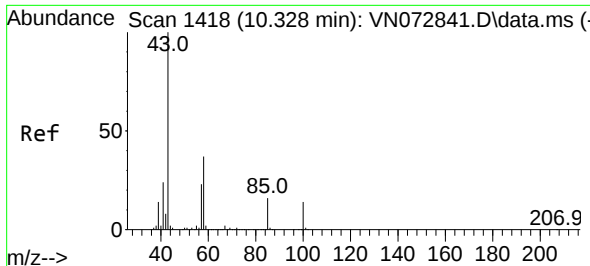
Tgt Ion: 88 Resp: 469
Ion Ratio Lower Upper
88 100
43 61.4 20.2 30.4#
58 134.5 54.2 81.4#



#50
Toluene-d8
Concen: 43.465 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072843.D
Acq: 14 Jun 2022 19:47

Tgt Ion: 98 Resp: 616254
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8

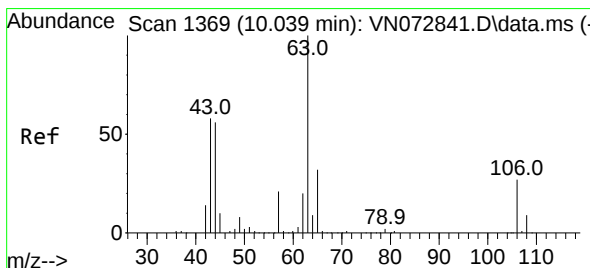
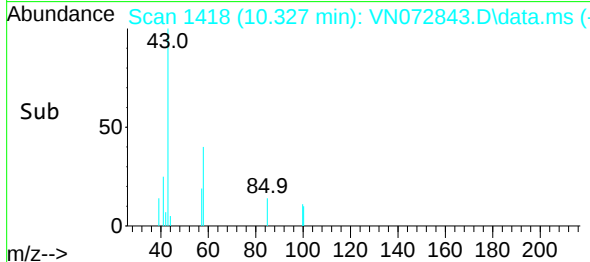
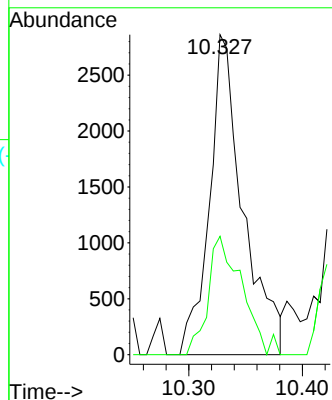
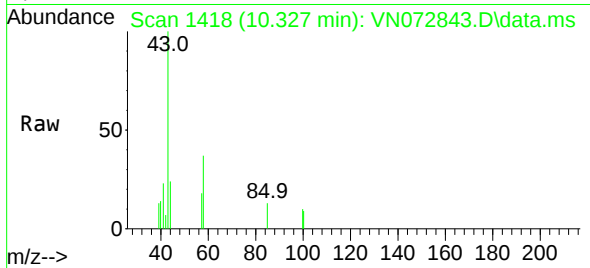




#51
4-Methyl-2-Pentanone
Concen: 0.721 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. -0.001 min
Lab File: VN072843.D
Acq: 14 Jun 2022 19:47

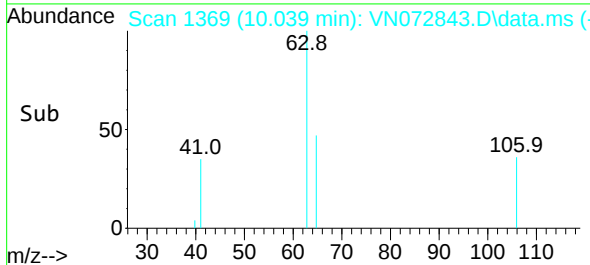
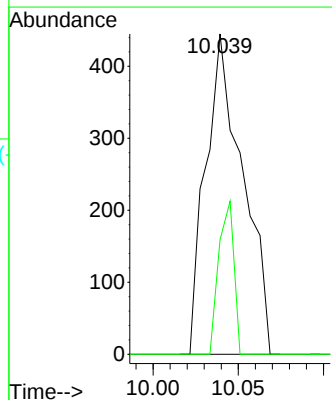
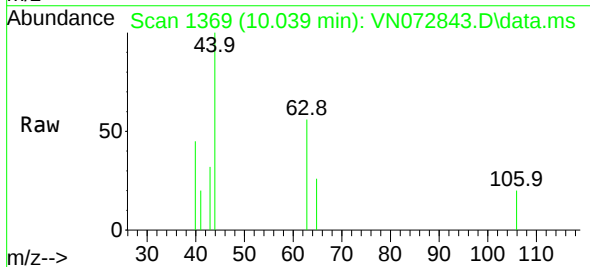
Instrument :
MSVOA_N
ClientSampleId :
IBLK

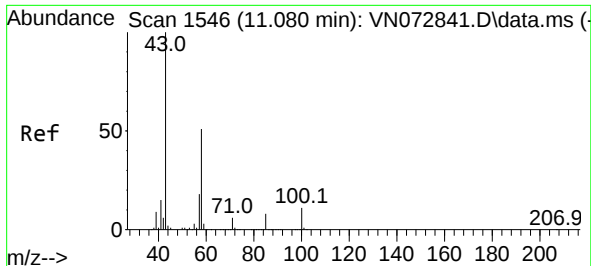
Tgt Ion: 43 Resp: 5898
Ion Ratio Lower Upper
43 100
58 37.2 34.1 51.1



#58
2-Chloroethyl Vinyl ether
Concen: 0.238 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VN072843.D
Acq: 14 Jun 2022 19:47

Tgt Ion: 63 Resp: 673
Ion Ratio Lower Upper
63 100
106 19.5 24.6 36.8#

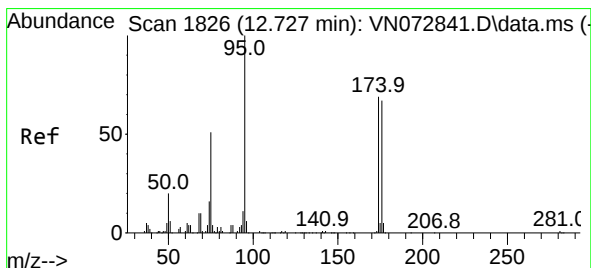
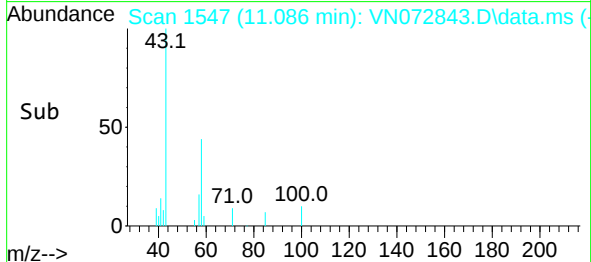
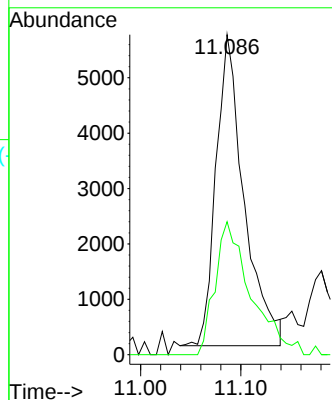
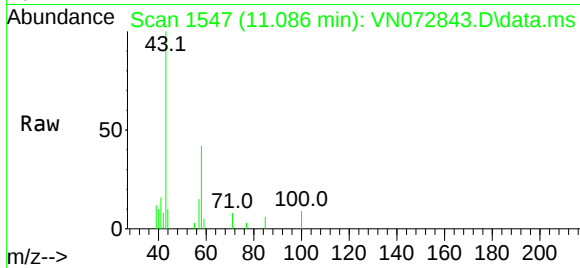




#59
2-Hexanone
Concen: 1.773 ug/l
RT: 11.086 min Scan# 11085
Delta R.T. 0.006 min
Lab File: VN072843.D
Acq: 14 Jun 2022 19:47

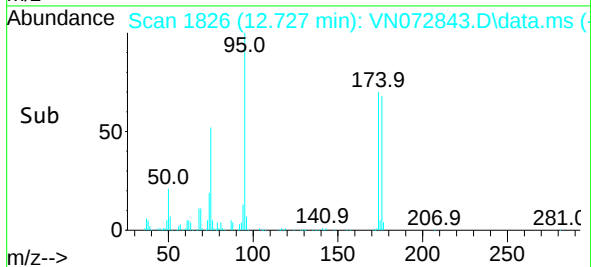
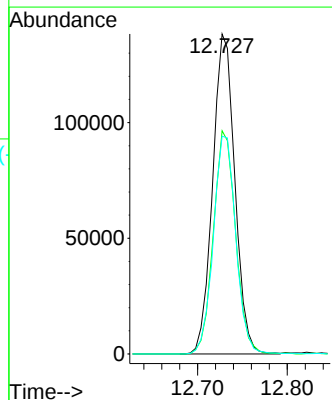
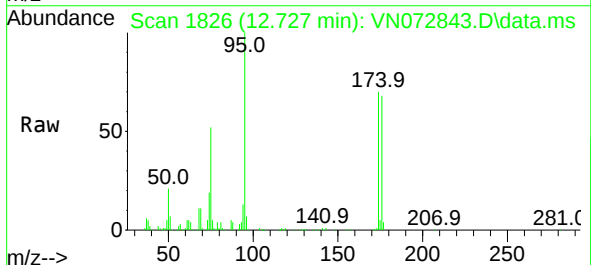
Instrument :
MSVOA_N
ClientSampleId :
IBLK

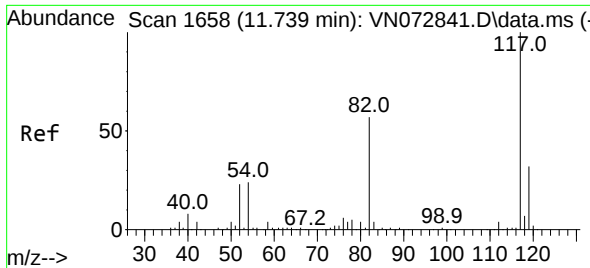
Tgt Ion: 43 Resp: 10885
Ion Ratio Lower Upper
43 100
58 54.8 29.7 89.1



#62
4-Bromofluorobenzene
Concen: 49.818 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072843.D
Acq: 14 Jun 2022 19:47

Tgt Ion: 95 Resp: 237103
Ion Ratio Lower Upper
95 100
174 70.0 0.0 167.6
176 69.1 0.0 163.4

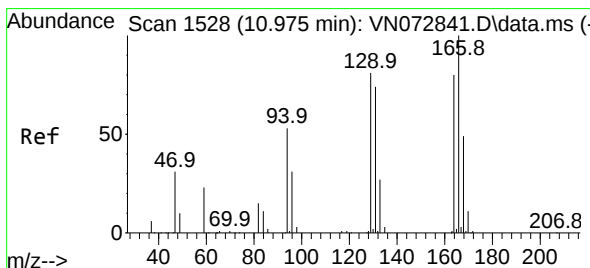
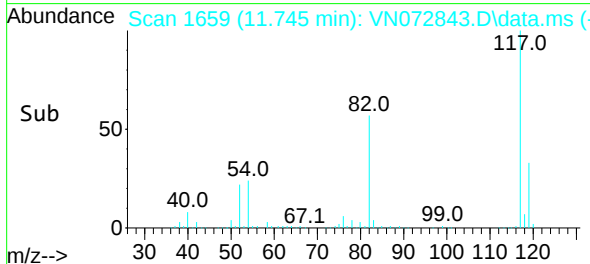
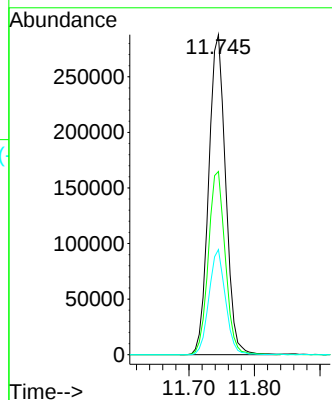
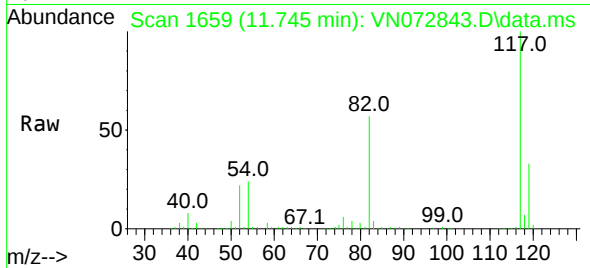




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.745 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN072843.D
Acq: 14 Jun 2022 19:47

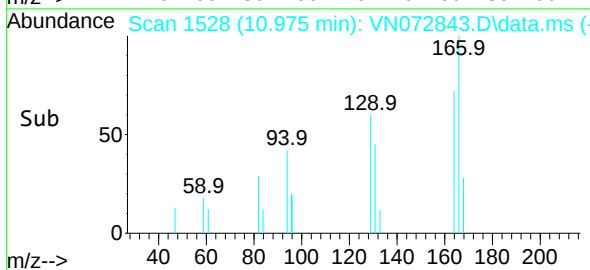
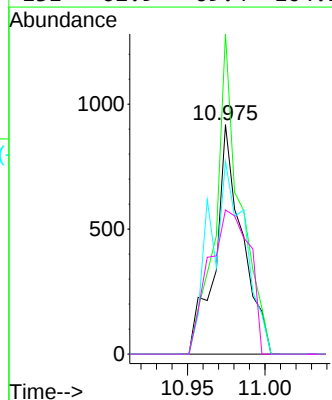
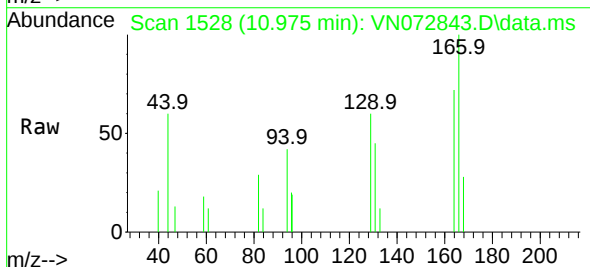
Instrument :
MSVOA_N
ClientSampleId :
IBLK

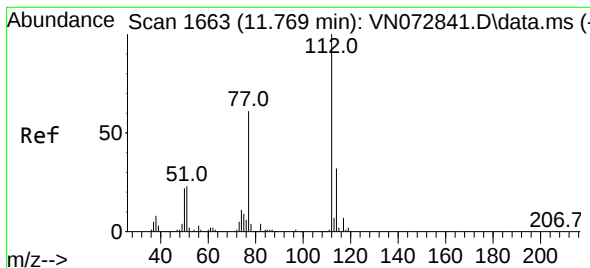
Tgt Ion:117 Resp: 518147
Ion Ratio Lower Upper
117 100
82 57.2 44.2 66.2
119 32.8 25.4 38.0



#64
Tetrachloroethene
Concen: 0.334 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VN072843.D
Acq: 14 Jun 2022 19:47

Tgt Ion:164 Resp: 1110
Ion Ratio Lower Upper
164 100
166 139.5 104.2 156.2
129 83.9 73.9 110.9
131 62.9 69.4 104.2#

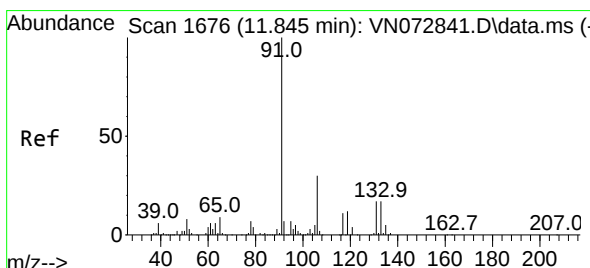
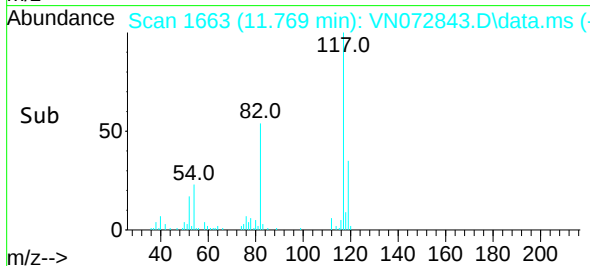
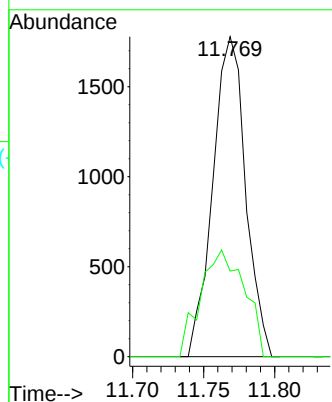
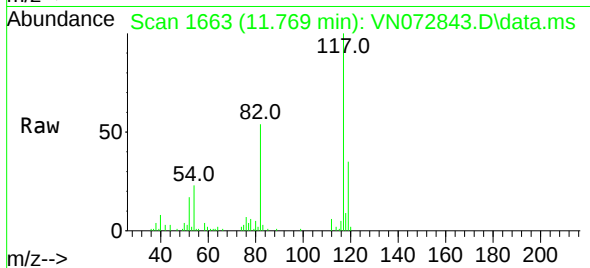




#65
Chlorobenzene
Concen: 0.280 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. -0.000 min
Lab File: VN072843.D
Acq: 14 Jun 2022 19:47

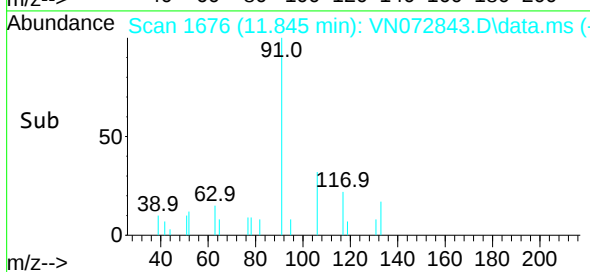
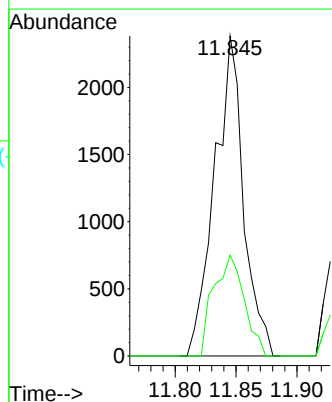
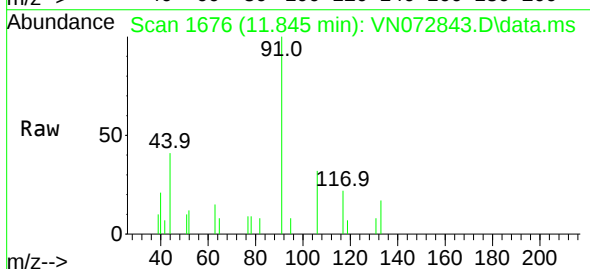
Instrument :
MSVOA_N
ClientSampleId :
IBLK

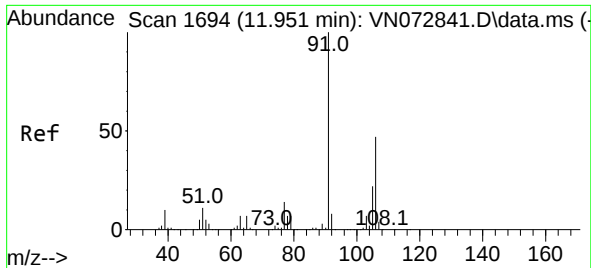
Tgt Ion:112 Resp: 2853
Ion Ratio Lower Upper
112 100
114 26.8 25.4 38.2



#67
Ethyl Benzene
Concen: 0.213 ug/l
RT: 11.845 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VN072843.D
Acq: 14 Jun 2022 19:47

Tgt Ion: 91 Resp: 3931
Ion Ratio Lower Upper
91 100
106 31.6 24.9 37.3

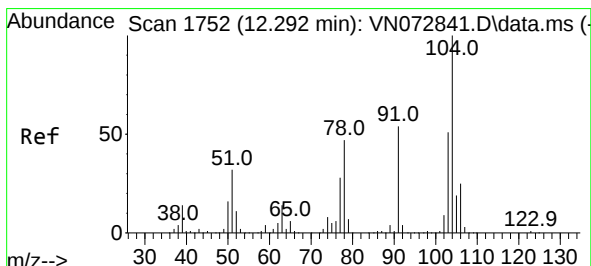
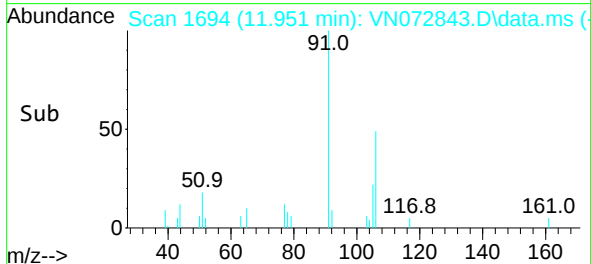
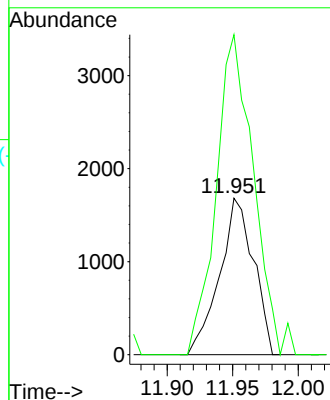
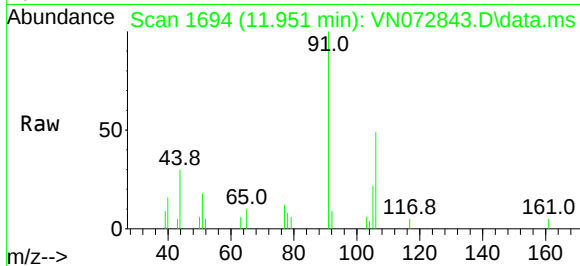




#68
m/p-Xylenes
Concen: 0.466 ug/l
RT: 11.951 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072843.D
Acq: 14 Jun 2022 19:47

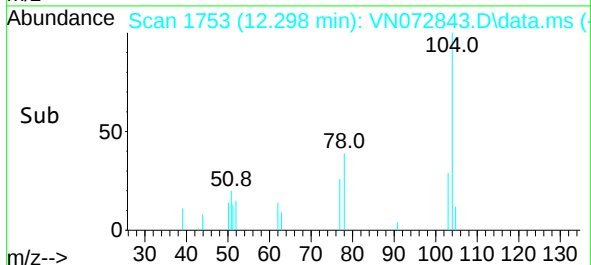
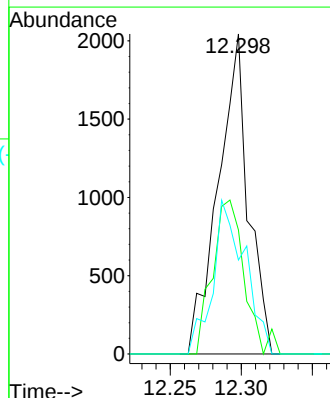
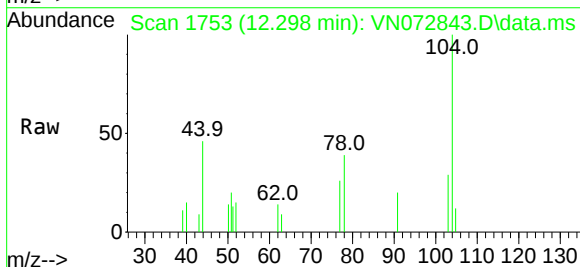
Instrument :
MSVOA_N
ClientSampleId :
IBLK

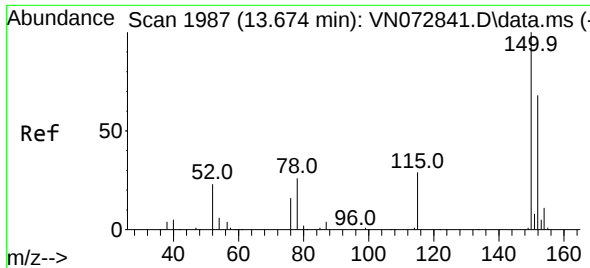
Tgt Ion:106 Resp: 3043
Ion Ratio Lower Upper
106 100
91 224.0 158.9 238.3



#70
Styrene
Concen: 0.289 ug/l
RT: 12.298 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VN072843.D
Acq: 14 Jun 2022 19:47

Tgt Ion:104 Resp: 3005
Ion Ratio Lower Upper
104 100
78 51.1 39.5 59.3
103 51.3 44.0 66.0

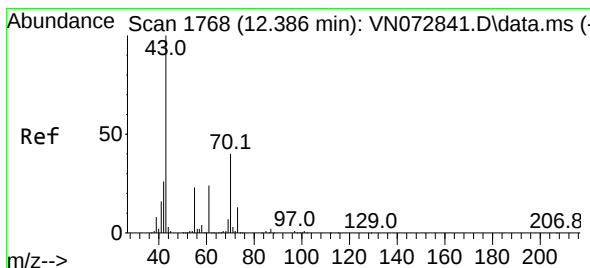
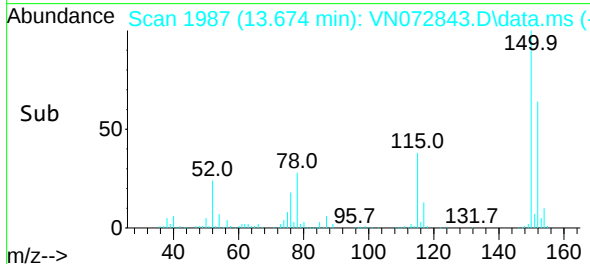
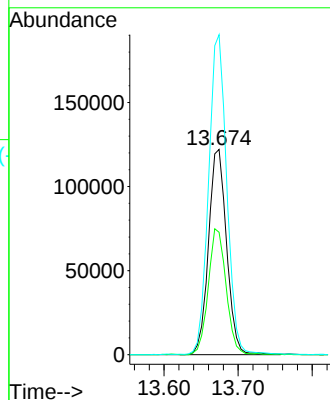
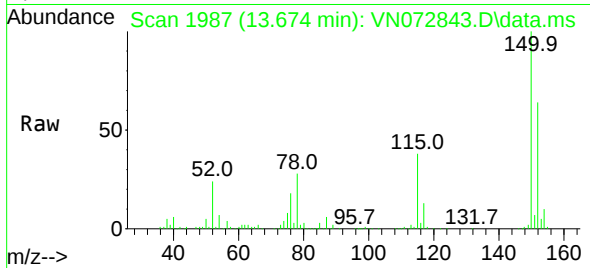




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.000 min
Lab File: VN072843.D
Acq: 14 Jun 2022 19:47

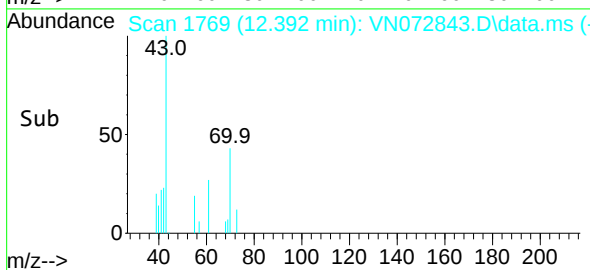
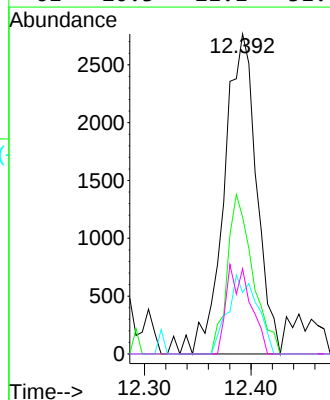
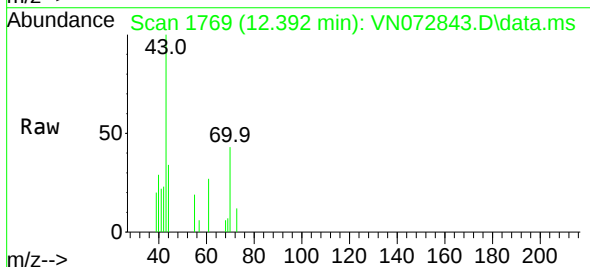
Instrument :
MSVOA_N
ClientSampleId :
IBLK

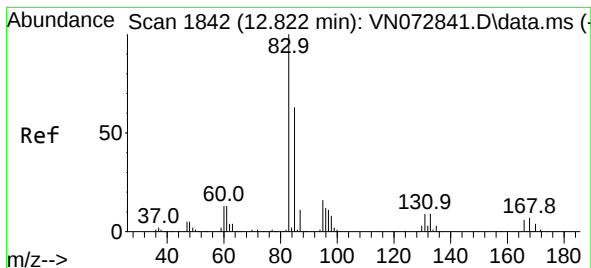
Tgt Ion:152 Resp: 207670
Ion Ratio Lower Upper
152 100
115 60.7 28.9 86.7
150 156.4 0.0 356.2



#74
N-ethyl acetate
Concen: 0.633 ug/l
RT: 12.392 min Scan# 1769
Delta R.T. 0.006 min
Lab File: VN072843.D
Acq: 14 Jun 2022 19:47

Tgt Ion: 43 Resp: 5830
Ion Ratio Lower Upper
43 100
70 39.1 39.0 58.4
55 22.2 21.1 31.7
61 20.3 21.1 31.7#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.251 ug/l

RT: 12.827 min Scan# 1842

Delta R.T. 0.005 min

Lab File: VN072843.D

Acq: 14 Jun 2022 19:47

Instrument :

MSVOA_N

ClientSampleId :

IBLK

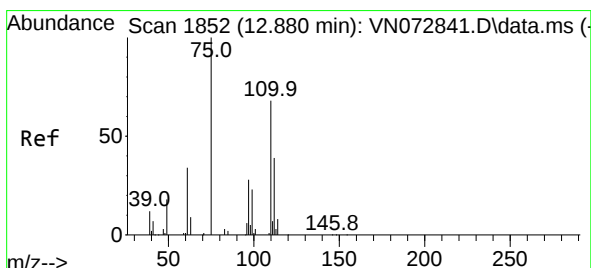
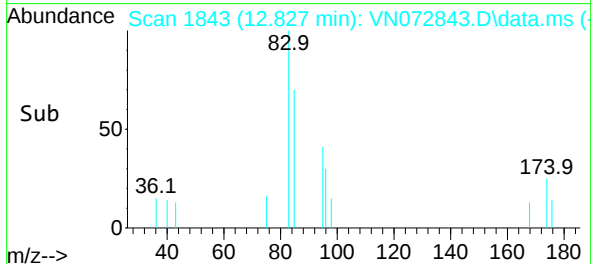
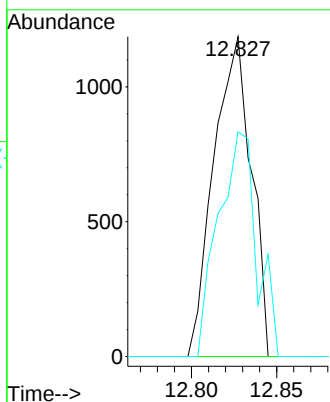
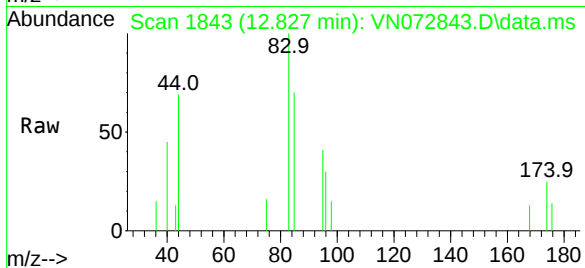
Tgt Ion: 83 Resp: 1808

Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.9#

85 71.9 32.3 96.9



#76

1,2,3-Trichloropropane

Concen: 20.654 ug/l

RT: 12.727 min Scan# 1826

Delta R.T. -0.153 min

Lab File: VN072843.D

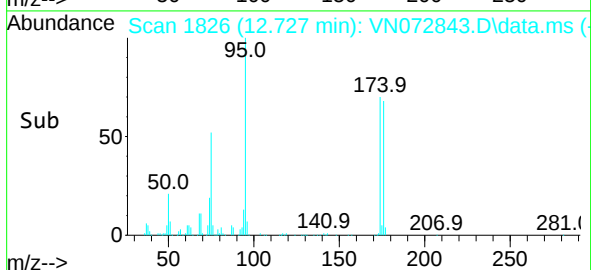
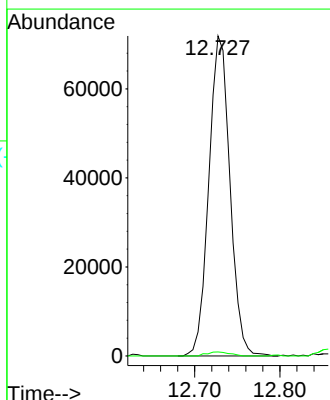
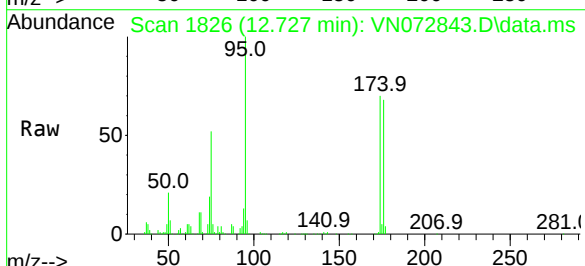
Acq: 14 Jun 2022 19:47

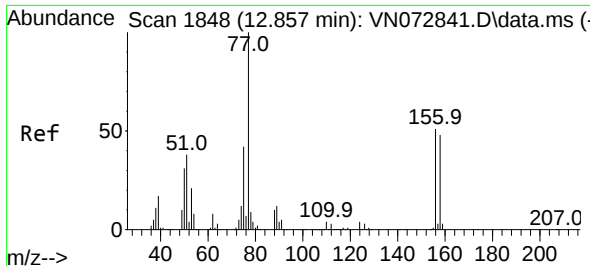
Tgt Ion: 75 Resp: 123717

Ion Ratio Lower Upper

75 100

77 1.4 98.5 295.5#

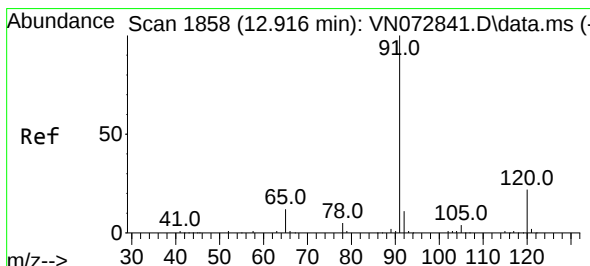
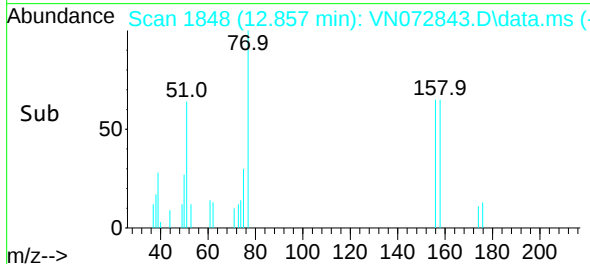
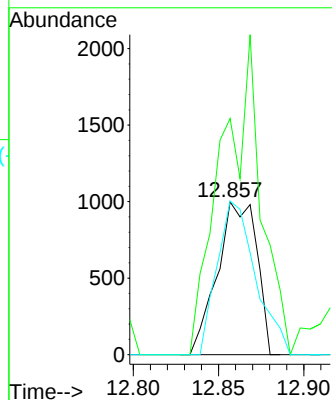
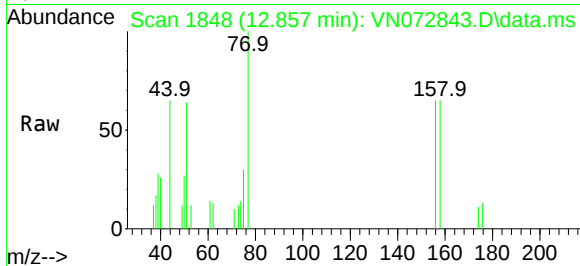




#77
Bromobenzene
Concen: 0.371 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN072843.D
Acq: 14 Jun 2022 19:47

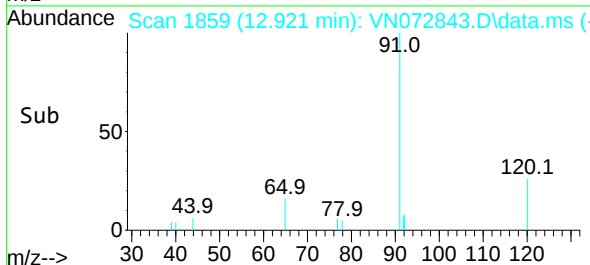
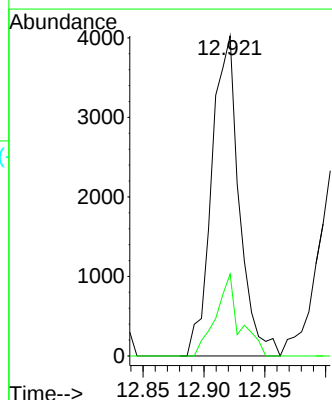
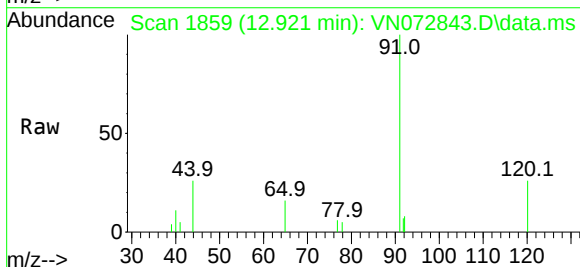
Instrument :
MSVOA_N
ClientSampleId :
IBLK

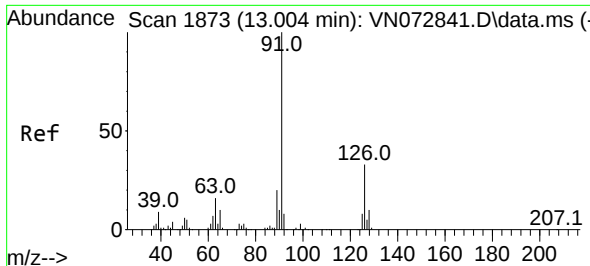
Tgt Ion:156 Resp: 1607
Ion Ratio Lower Upper
156 100
77 216.7 100.5 301.5
158 98.0 48.9 146.6



#78
n-propylbenzene
Concen: 0.304 ug/l
RT: 12.921 min Scan# 1859
Delta R.T. 0.005 min
Lab File: VN072843.D
Acq: 14 Jun 2022 19:47

Tgt Ion: 91 Resp: 6332
Ion Ratio Lower Upper
91 100
120 21.9 11.9 35.5

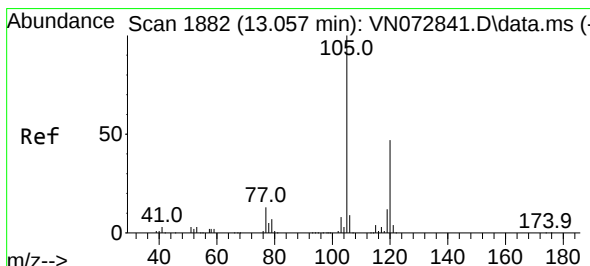
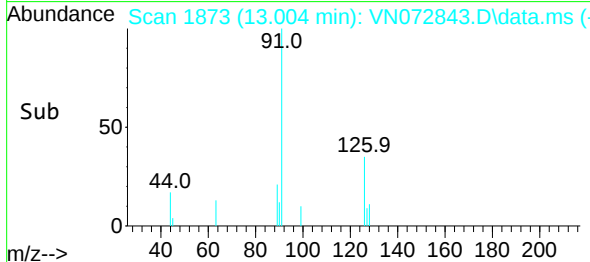
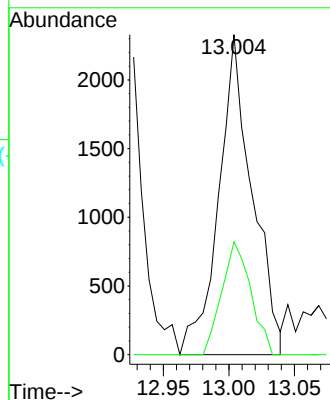
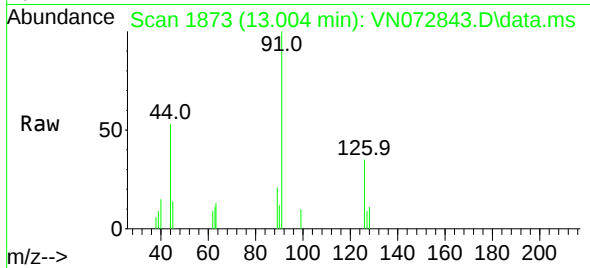




#79
2-Chlorotoluene
Concen: 0.304 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN072843.D
Acq: 14 Jun 2022 19:47

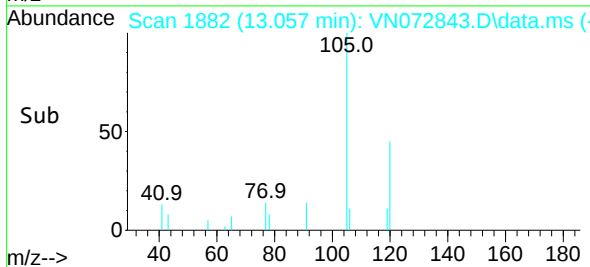
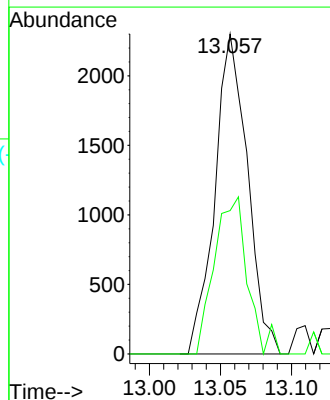
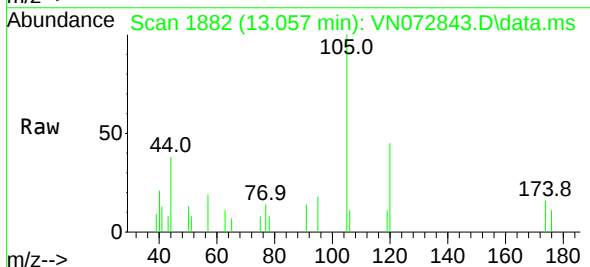
Instrument :
MSVOA_N
ClientSampleId :
IBLK

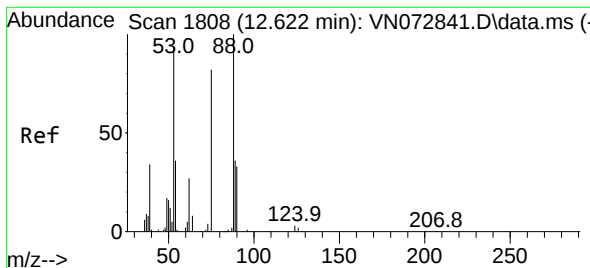
Tgt Ion: 91 Resp: 4136
Ion Ratio Lower Upper
91 100
126 30.6 17.3 51.9



#80
1,3,5-Trimethylbenzene
Concen: 0.242 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN072843.D
Acq: 14 Jun 2022 19:47

Tgt Ion: 105 Resp: 3674
Ion Ratio Lower Upper
105 100
120 49.7 24.9 74.7

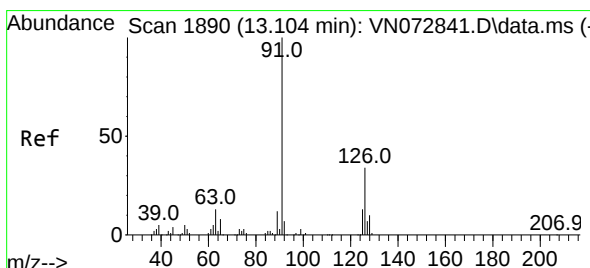
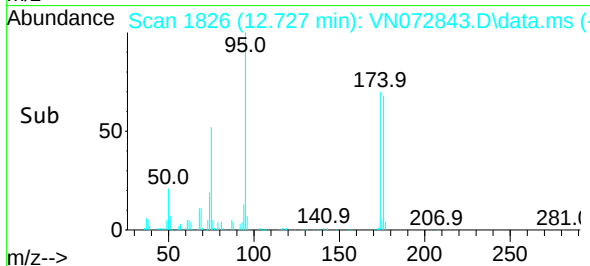
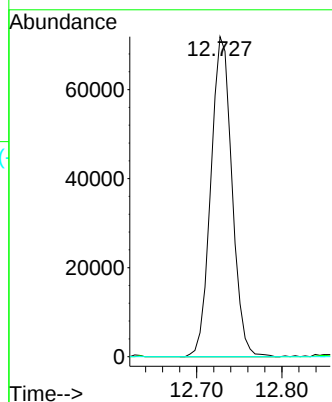
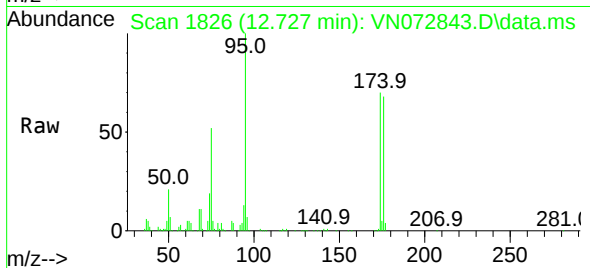




#81
trans-1,4-Dichloro-2-butene
Concen: 64.230 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN072843.D
Acq: 14 Jun 2022 19:47

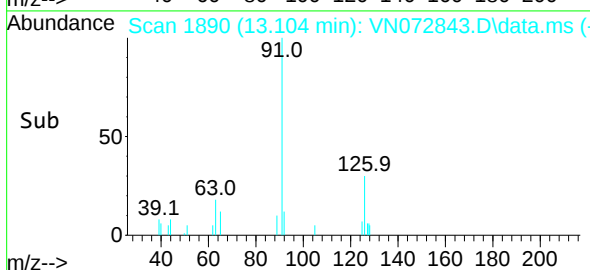
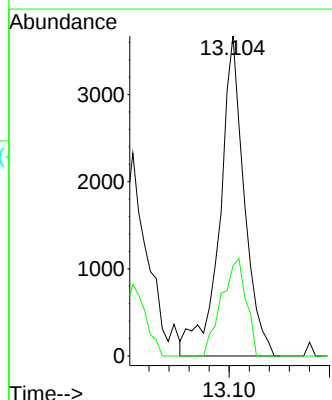
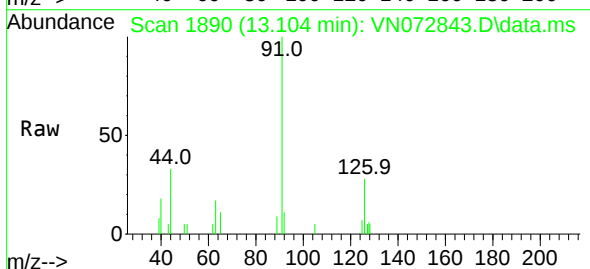
Instrument :
MSVOA_N
ClientSampleId :
IBLK

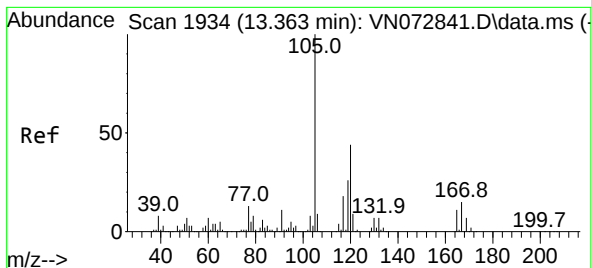
Tgt Ion: 75 Resp: 123717
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#82
4-Chlorotoluene
Concen: 0.499 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. -0.000 min
Lab File: VN072843.D
Acq: 14 Jun 2022 19:47

Tgt Ion: 91 Resp: 6204
Ion Ratio Lower Upper
91 100
126 30.6 17.2 51.6





#84

1,2,4-Trimethylbenzene

Concen: 0.293 ug/l

RT: 13.368 min Scan# 1935

Delta R.T. 0.005 min

Lab File: VN072843.D

Acq: 14 Jun 2022 19:47

Instrument :

MSVOA_N

ClientSampleId :

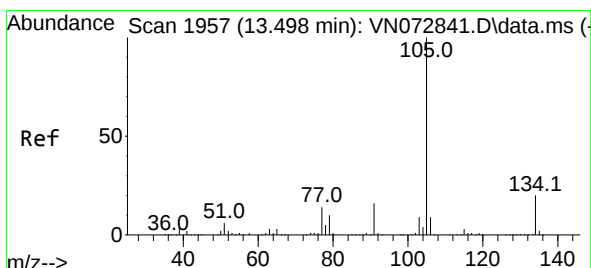
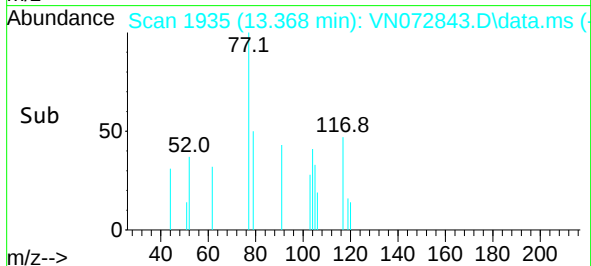
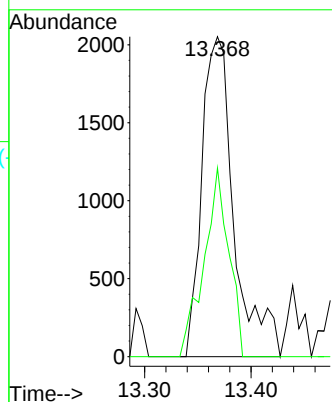
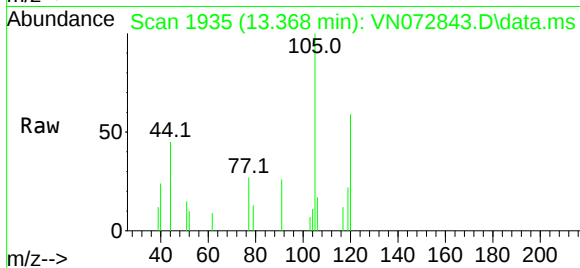
IBLK

Tgt Ion:105 Resp: 4293

Ion Ratio Lower Upper

105 100

120 45.6 23.3 69.8



#85

sec-Butylbenzene

Concen: 0.263 ug/l

RT: 13.504 min Scan# 1958

Delta R.T. 0.006 min

Lab File: VN072843.D

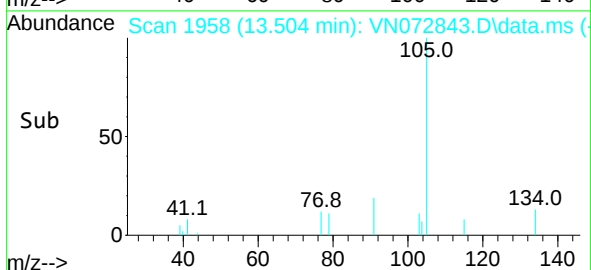
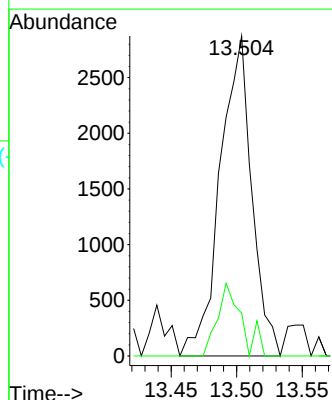
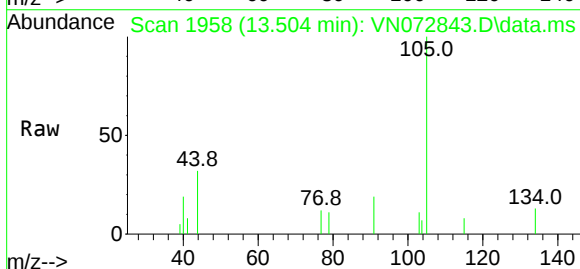
Acq: 14 Jun 2022 19:47

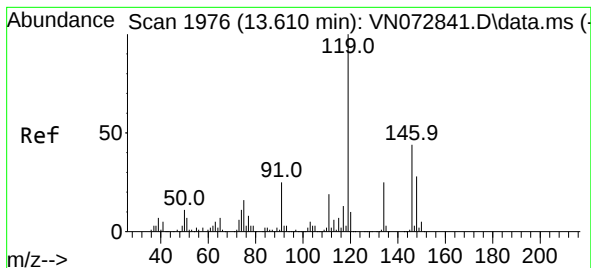
Tgt Ion:105 Resp: 4817

Ion Ratio Lower Upper

105 100

134 17.3 10.4 31.1





#86

p-Isopropyltoluene

Concen: 0.316 ug/l

RT: 13.616 min Scan# 1976

Delta R.T. 0.006 min

Lab File: VN072843.D

Acq: 14 Jun 2022 19:47

Instrument :

MSVOA_N

ClientSampleId :

IBLK

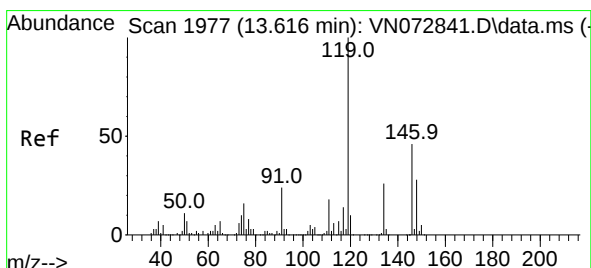
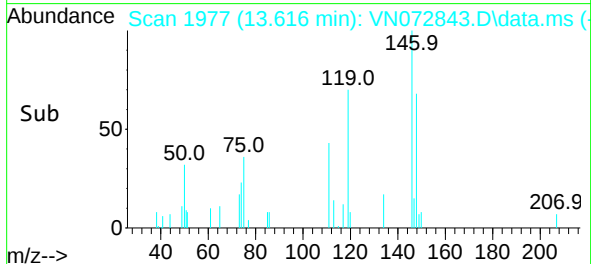
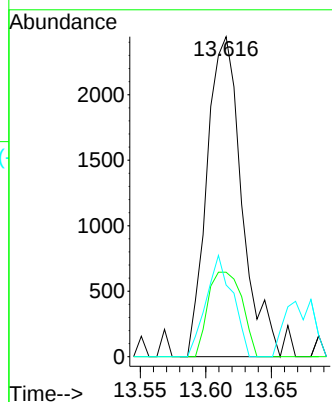
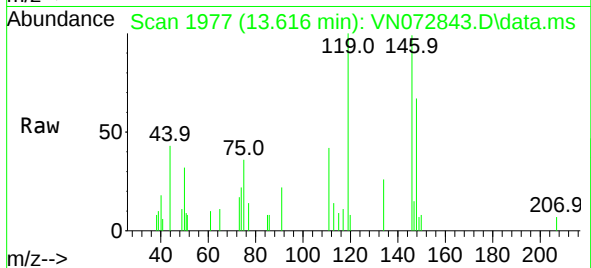
Tgt Ion:119 Resp: 4505

Ion Ratio Lower Upper

119 100

134 25.8 13.3 39.8

91 24.2 11.3 33.9



#87

1,3-Dichlorobenzene

Concen: 0.588 ug/l

RT: 13.616 min Scan# 1977

Delta R.T. -0.000 min

Lab File: VN072843.D

Acq: 14 Jun 2022 19:47

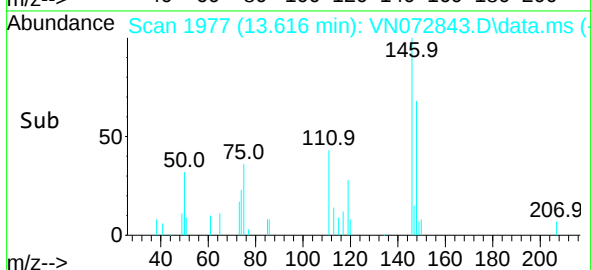
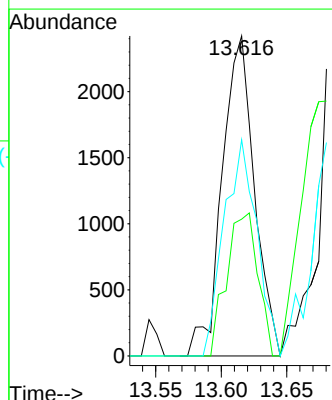
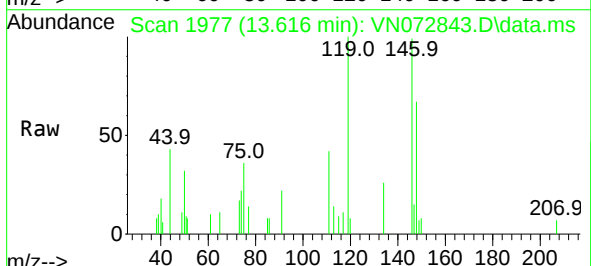
Tgt Ion:146 Resp: 4142

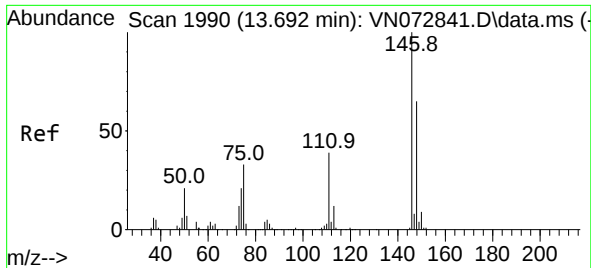
Ion Ratio Lower Upper

146 100

111 43.4 20.0 60.0

148 68.6 32.0 96.0

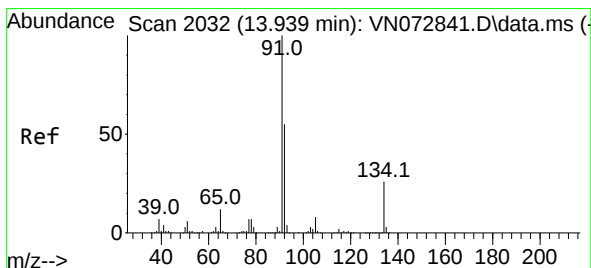
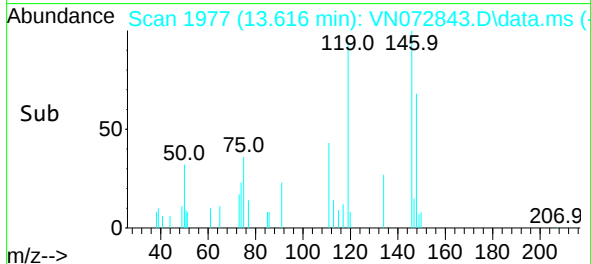
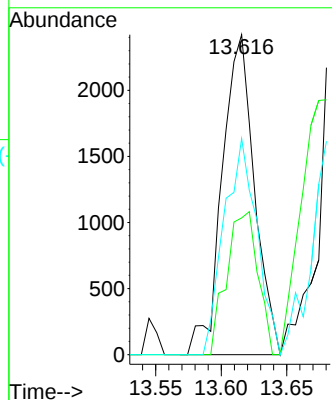
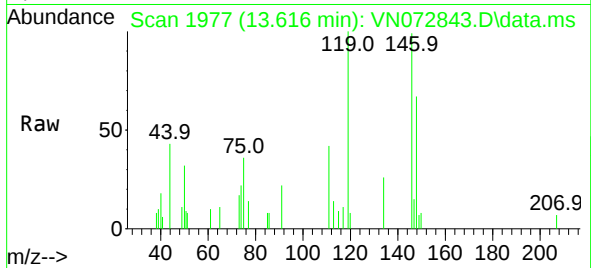




#88
1,4-Dichlorobenzene
Concen: 0.581 ug/l
RT: 13.616 min Scan# 1990
Delta R.T. -0.076 min
Lab File: VN072843.D
Acq: 14 Jun 2022 19:47

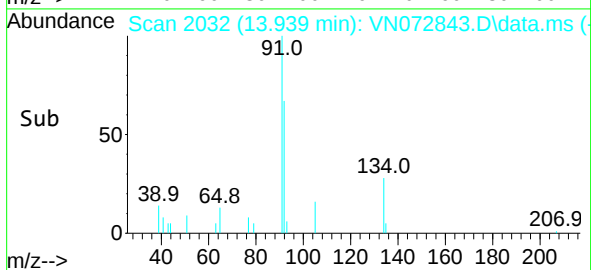
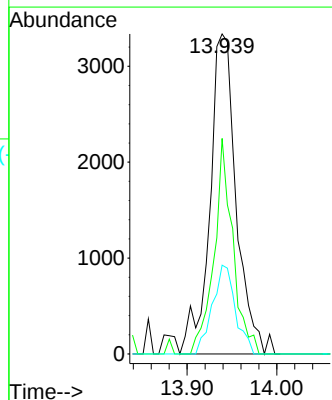
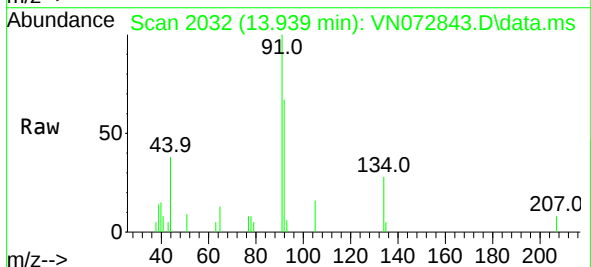
Instrument :
MSVOA_N
ClientSampleId :
IBLK

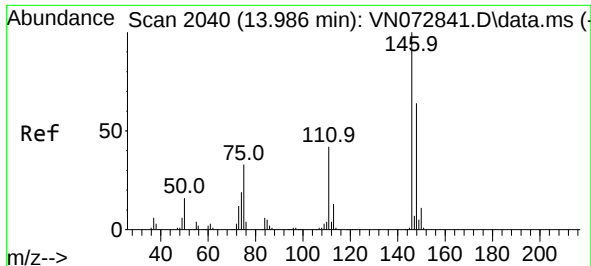
Tgt Ion:146 Resp: 4142
Ion Ratio Lower Upper
146 100
111 43.4 19.1 57.1
148 68.6 31.4 94.3



#89
n-Butylbenzene
Concen: 0.595 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072843.D
Acq: 14 Jun 2022 19:47

Tgt Ion: 91 Resp: 6836
Ion Ratio Lower Upper
91 100
92 47.9 26.9 80.7
134 24.0 13.6 40.8





#91

1,2-Dichlorobenzene

Concen: 0.558 ug/l

RT: 13.986 min Scan# 2040

Delta R.T. 0.000 min

Lab File: VN072843.D

Acq: 14 Jun 2022 19:47

Instrument :

MSVOA_N

ClientSampleId :

IBLK

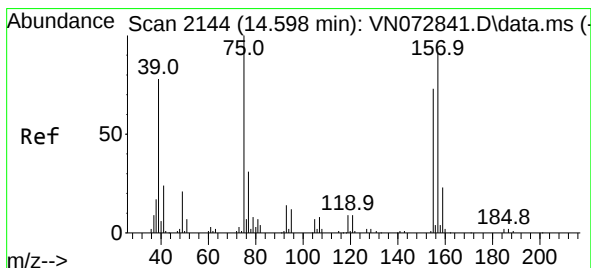
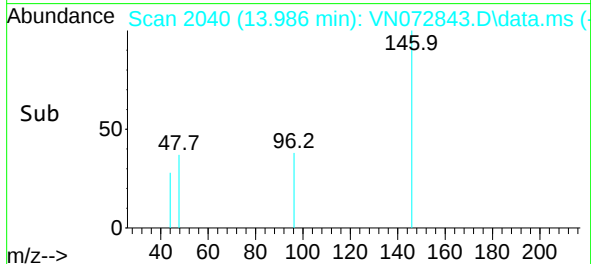
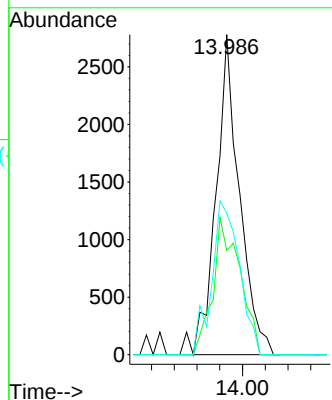
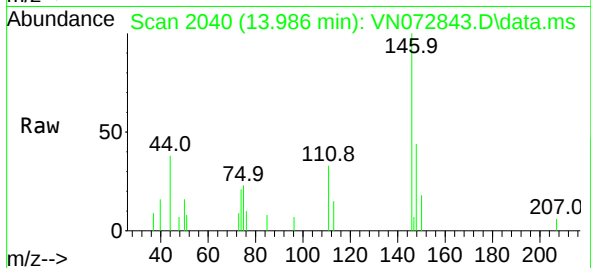
Tgt Ion:146 Resp: 4023

Ion Ratio Lower Upper

146 100

111 48.9 20.9 62.8

148 56.1 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.832 ug/l

RT: 14.598 min Scan# 2144

Delta R.T. -0.000 min

Lab File: VN072843.D

Acq: 14 Jun 2022 19:47

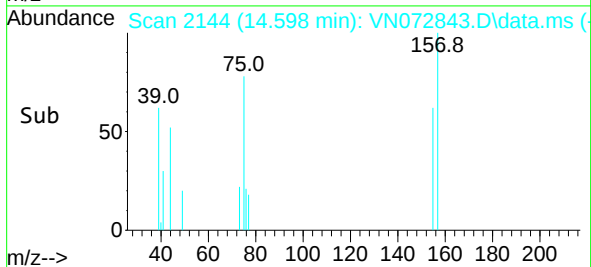
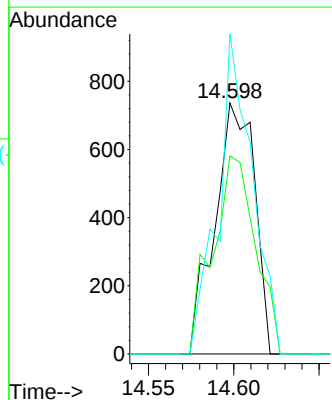
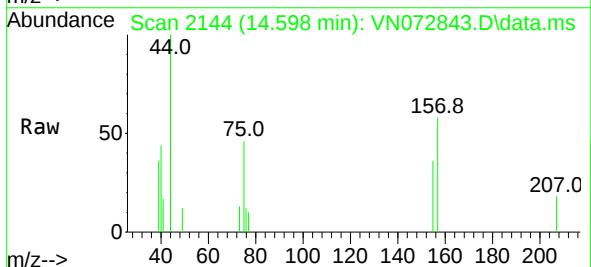
Tgt Ion: 75 Resp: 1197

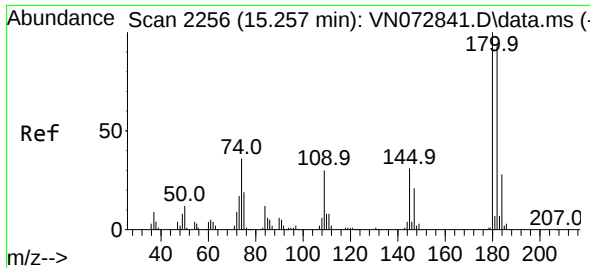
Ion Ratio Lower Upper

75 100

155 85.0 44.9 134.5

157 109.4 59.0 176.8

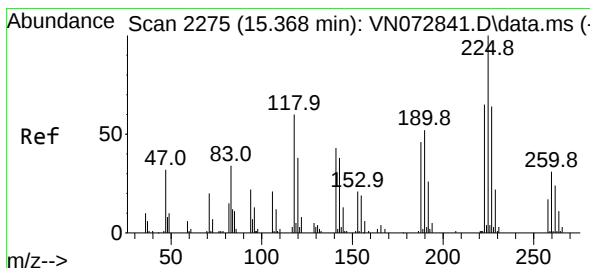
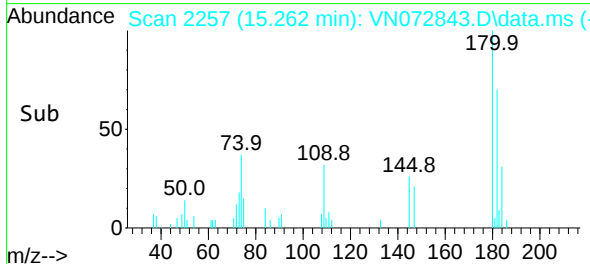
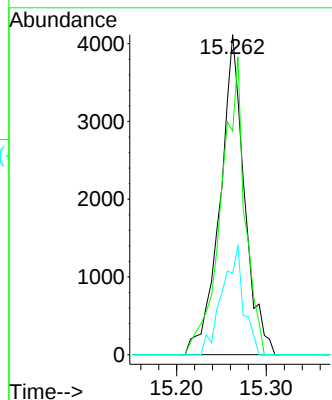
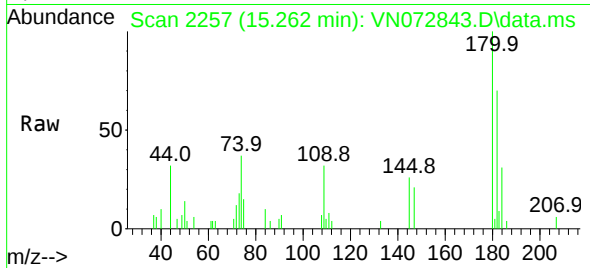




#93
 1,2,4-Trichlorobenzene
 Concen: 2.286 ug/l
 RT: 15.262 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: VN072843.D
 Acq: 14 Jun 2022 19:47

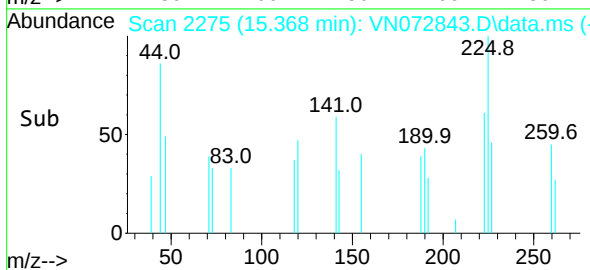
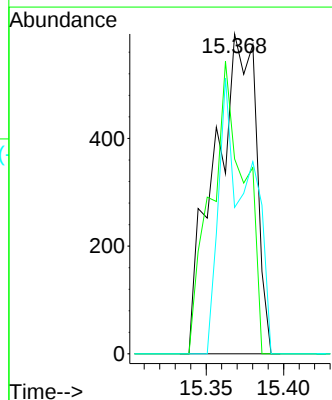
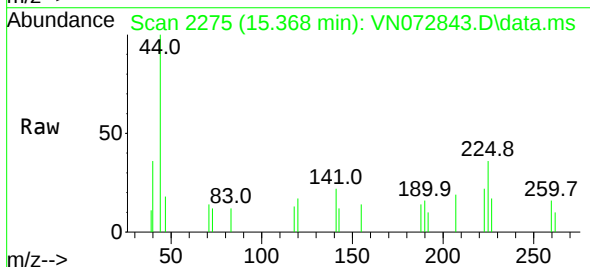
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

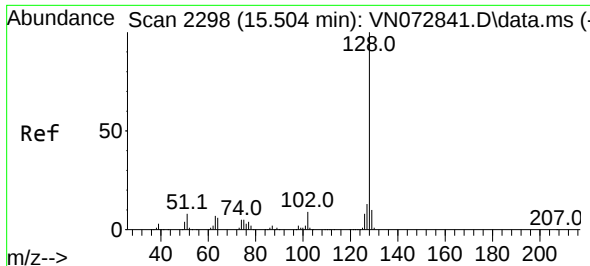
Tgt Ion:180 Resp: 7800
 Ion Ratio Lower Upper
 180 100
 182 89.8 47.5 142.5
 145 29.7 14.5 43.5



#94
 Hexachlorobutadiene
 Concen: 0.699 ug/l
 RT: 15.368 min Scan# 2275
 Delta R.T. 0.000 min
 Lab File: VN072843.D
 Acq: 14 Jun 2022 19:47

Tgt Ion:225 Resp: 1100
 Ion Ratio Lower Upper
 225 100
 223 74.8 32.4 97.2
 227 62.2 31.8 95.4

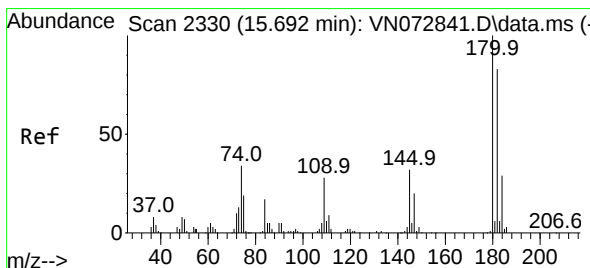
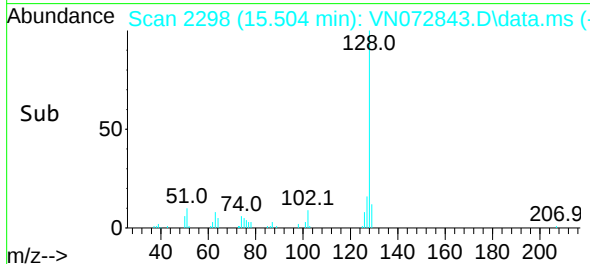
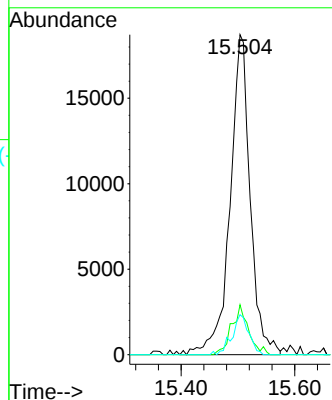
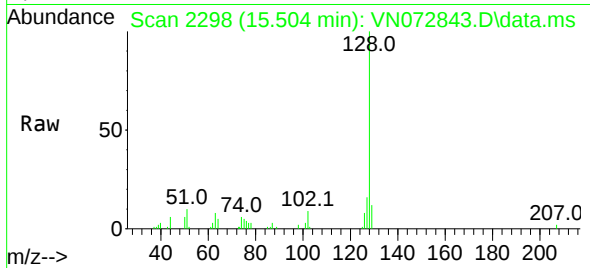




#95
Naphthalene
Concen: 3.520 ug/l
RT: 15.504 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN072843.D
Acq: 14 Jun 2022 19:47

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:128 Resp: 45974
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 10.4 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 2.841 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN072843.D
Acq: 14 Jun 2022 19:47

Tgt Ion:180 Resp: 9958
Ion Ratio Lower Upper
180 100
182 90.2 47.8 143.3
145 34.2 15.5 46.5

