

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051822\
 Data File : VN072543.D
 Acq On : 18 May 2022 15:30
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: May 19 02:23:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051822W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 02:22:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	335419	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	507147	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	502610	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	171797	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.428	65	219867	42.189	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	84.380%
35) Dibromofluoromethane	8.016	113	154571	45.171	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	90.340%
50) Toluene-d8	10.433	98	605888	46.777	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	93.560%
62) 4-Bromofluorobenzene	12.727	95	220736	44.864	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	89.720%

Target Compounds			Qvalue			
3) Chloromethane	2.293	50	1269	0.366	ug/l #	43
5) Bromomethane	2.810	94	2526	0.950	ug/l	95
6) Chloroethane	2.916	64	109	Below Cal	#	42
10) Methyl Iodide	4.410	142	4239	1.066	ug/l #	92
11) Tert butyl alcohol	5.316	59	4877	10.230	ug/l #	72
13) Acrolein	4.040	56	522	0.789	ug/l #	35
15) Acrylonitrile	5.557	53	1632	0.886	ug/l #	78
16) Acetone	4.322	43	2208	1.398	ug/l #	85
17) Carbon Disulfide	4.516	76	3900	0.550	ug/l #	75
18) Methyl Acetate	4.845	43	1280	0.570	ug/l #	59
20) Methylene Chloride	5.092	84	1221	0.326	ug/l #	82
25) 2-Butanone	7.339	43	3669	1.477	ug/l	96
29) Tetrahydrofuran	7.704	42	1291	0.859	ug/l #	38
31) Cyclohexane	8.075	56	7236	1.249	ug/l #	35
36) 1,1-Dichloropropene	8.210	75	1045	0.224	ug/l #	63
38) Carbon Tetrachloride	8.081	117	35317	6.125	ug/l #	17
49) 1,4-Dioxane	9.563	88	1612	47.239	ug/l #	82
51) 4-Methyl-2-Pentanone	10.322	43	4737	0.872	ug/l	87
59) 2-Hexanone	11.080	43	9663	2.559	ug/l	93
64) Tetrachloroethene	10.986	164	826	0.237	ug/l #	46
65) Chlorobenzene	11.774	112	3263	0.317	ug/l #	77
67) Ethyl Benzene	11.845	91	4672	0.262	ug/l	94
68) m/p-Xylenes	11.951	106	3607	0.526	ug/l	99
70) Styrene	12.286	104	2958	0.275	ug/l #	86
73) Isopropylbenzene	12.574	105	3814	0.269	ug/l	93
74) N-amyl acetate	12.386	43	7009	1.481	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.827	83	1408	0.327	ug/l #	91
76) 1,2,3-Trichloropropane	12.727	75	119544	23.035	ug/l #	1
77) Bromobenzene	12.851	156	1956	0.538	ug/l	96
78) n-propylbenzene	12.921	91	8141	0.524	ug/l	97
79) 2-Chlorotoluene	13.004	91	4519	0.434	ug/l	98
80) 1,3,5-Trimethylbenzene	13.057	105	3933	0.319	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.727	75	119544	96.029	ug/l #	10
82) 4-Chlorotoluene	13.004	91	4519	0.466	ug/l	98
83) tert-Butylbenzene	13.327	119	3505	0.335	ug/l	89
84) 1,2,4-Trimethylbenzene	13.357	105	4967	0.420	ug/l	95

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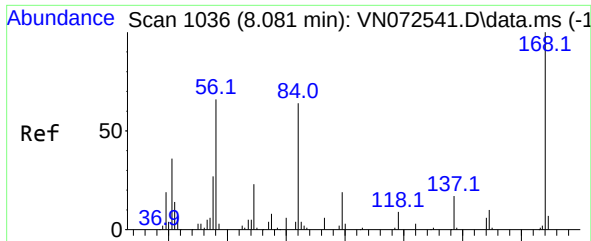
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: May 19 02:23:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051822W.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

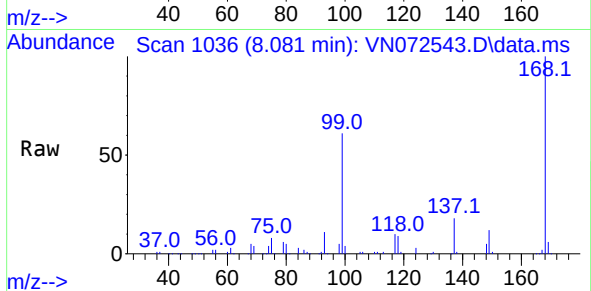
85) sec-Butylbenzene	13.492	105	5583	0.411	ug/l	92
86) p-Isopropyltoluene	13.610	119	5941	0.532	ug/l	92
87) 1,3-Dichlorobenzene	13.615	146	4935	0.828	ug/l	100
88) 1,4-Dichlorobenzene	13.615	146	4935	0.851	ug/l	98
89) n-Butylbenzene	13.939	91	10351	1.224	ug/l	96
90) Hexachloroethane	14.210	117	553	0.277	ug/l	73
91) 1,2-Dichlorobenzene	13.986	146	4753	0.795	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.592	75	1051	1.155	ug/l	80
93) 1,2,4-Trichlorobenzene	15.257	180	6921	2.650	ug/l	97
94) Hexachlorobutadiene	15.362	225	2068	1.261	ug/l	93
95) Naphthalene	15.504	128	30348	4.010	ug/l	98
96) 1,2,3-Trichlorobenzene	15.692	180	9766	3.625	ug/l	96

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

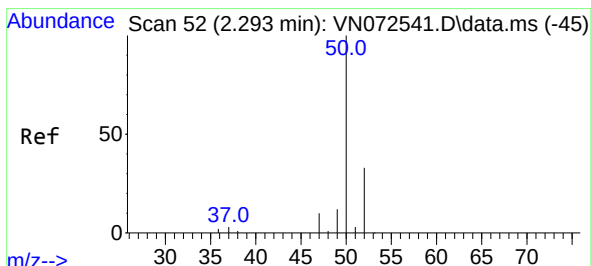
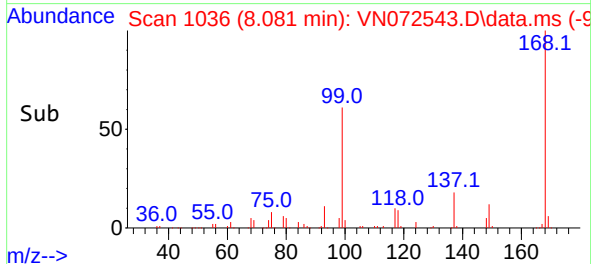
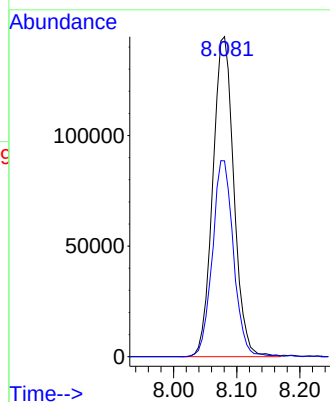


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072543.D
Acq: 18 May 2022 15:30

Instrument :
MSVOA_N
ClientSampleId :
IBLK

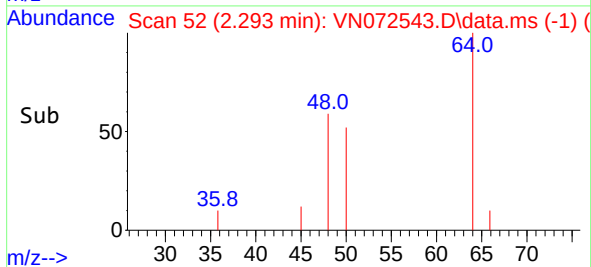
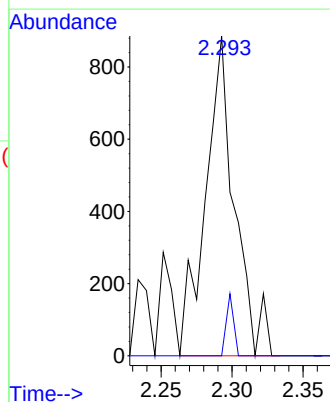
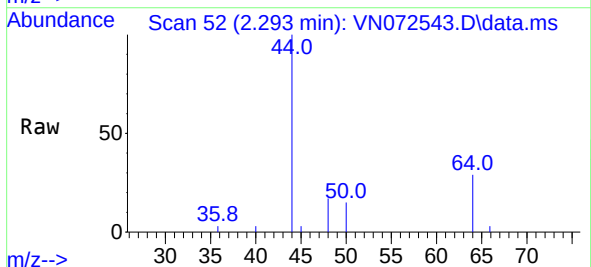


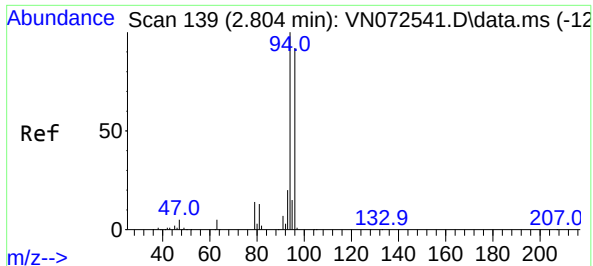
Tgt Ion:168 Resp: 335419
Ion Ratio Lower Upper
168 100
99 61.2 42.3 63.5



#3
Chloromethane
Concen: 0.366 ug/l
RT: 2.293 min Scan# 52
Delta R.T. -0.000 min
Lab File: VN072543.D
Acq: 18 May 2022 15:30

Tgt Ion: 50 Resp: 1269
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

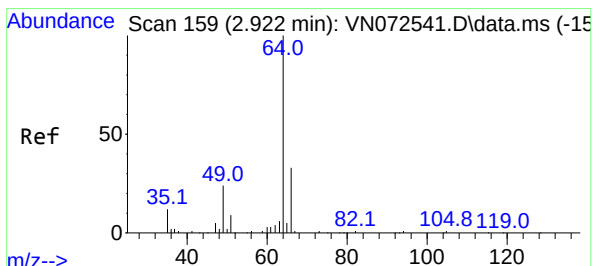
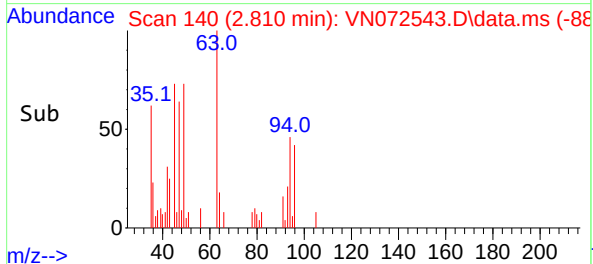
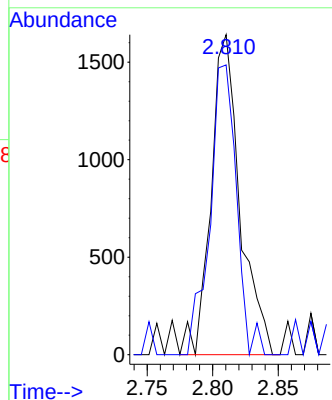
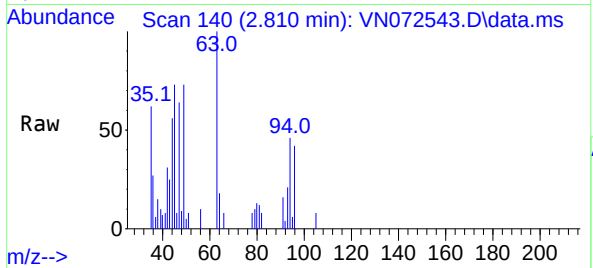




#5
Bromomethane
Concen: 0.950 ug/l
RT: 2.810 min Scan# 14
Delta R.T. 0.006 min
Lab File: VN072543.D
Acq: 18 May 2022 15:30

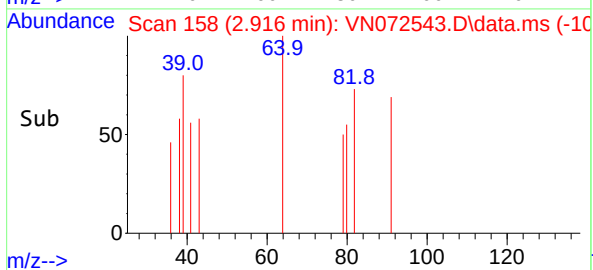
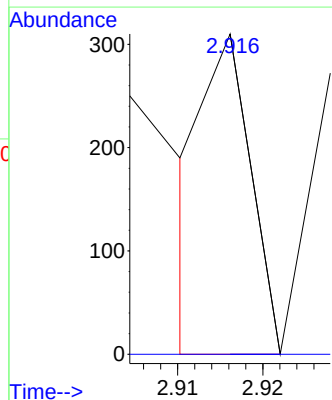
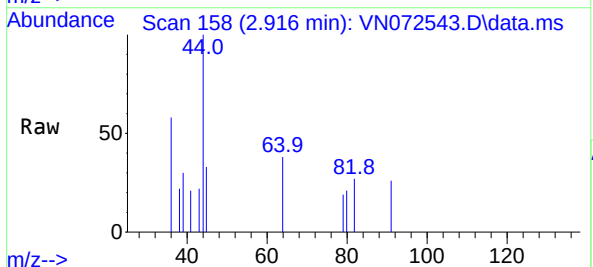
Instrument :
MSVOA_N
ClientSampleId :
IBLK

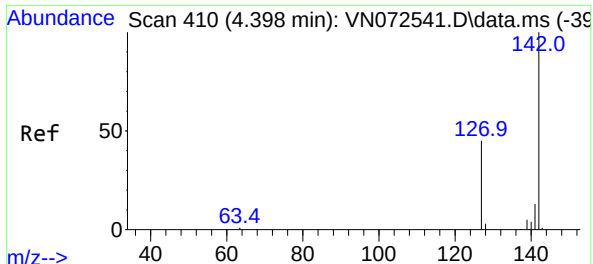
Tgt Ion: 94 Resp: 2526
Ion Ratio Lower Upper
94 100
96 90.6 76.0 114.0



#6
Chloroethane
Concen: Below Cal
RT: 2.916 min Scan# 158
Delta R.T. -0.006 min
Lab File: VN072543.D
Acq: 18 May 2022 15:30

Tgt Ion: 64 Resp: 109
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#





#10

Methyl Iodide

Concen: 1.066 ug/l

RT: 4.410 min Scan# 41

Delta R.T. 0.012 min

Lab File: VN072543.D

Acq: 18 May 2022 15:30

Instrument :

MSVOA_N

ClientSampleId :

IBLK

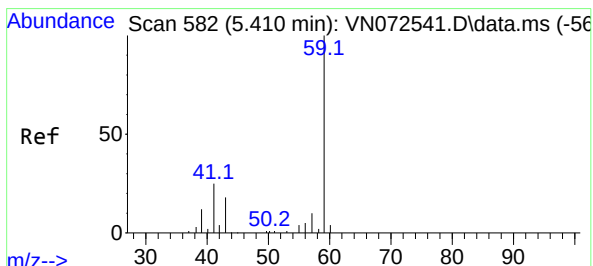
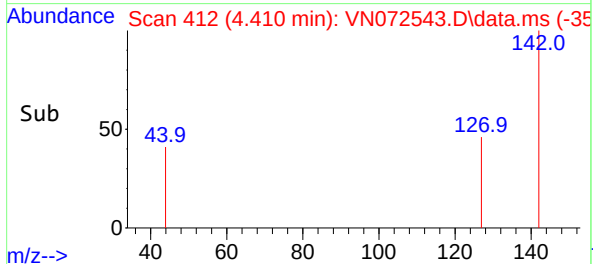
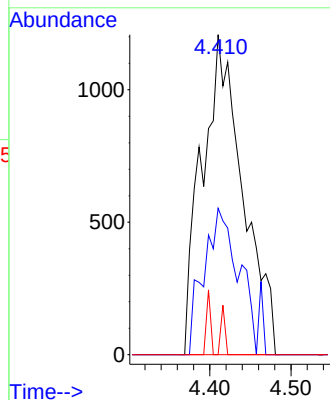
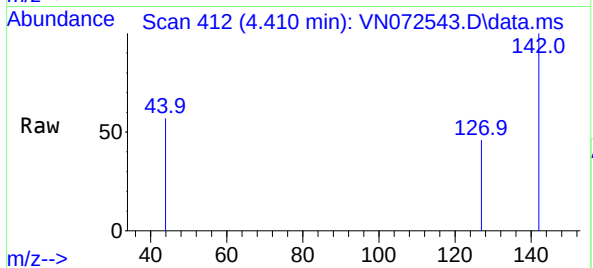
Tgt Ion:142 Resp: 4239

Ion Ratio Lower Upper

142 100

127 38.9 31.3 46.9

141 1.6 11.2 16.8#



#11

Tert butyl alcohol

Concen: 10.230 ug/l

RT: 5.316 min Scan# 566

Delta R.T. -0.094 min

Lab File: VN072543.D

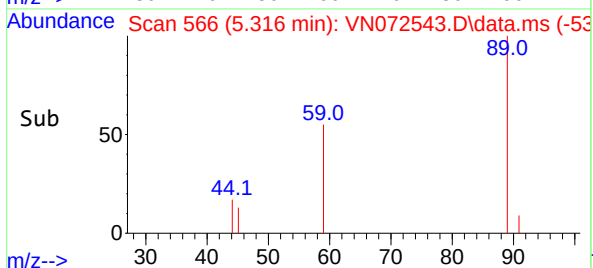
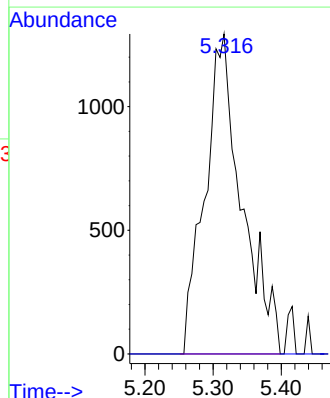
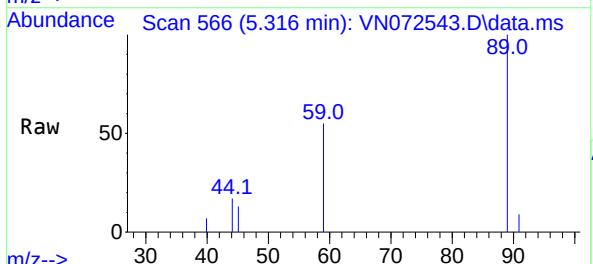
Acq: 18 May 2022 15:30

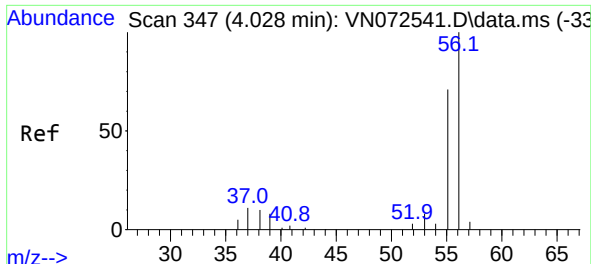
Tgt Ion: 59 Resp: 4877

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#

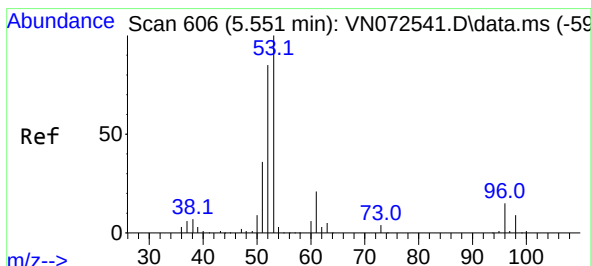
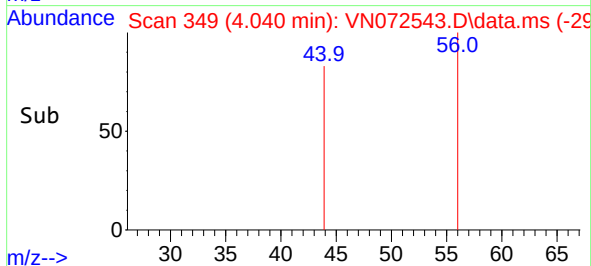
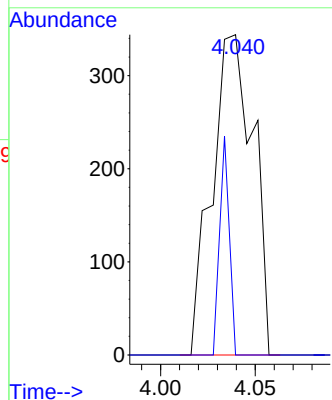
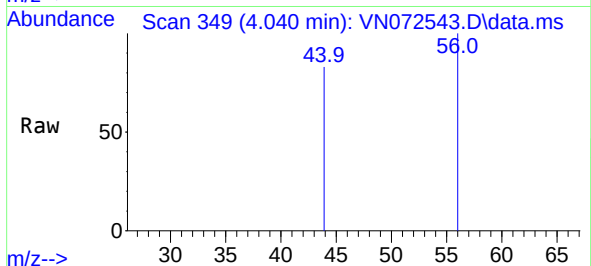




#13
Acrolein
Concen: 0.789 ug/l
RT: 4.040 min Scan# 34
Delta R.T. 0.012 min
Lab File: VN072543.D
Acq: 18 May 2022 15:30

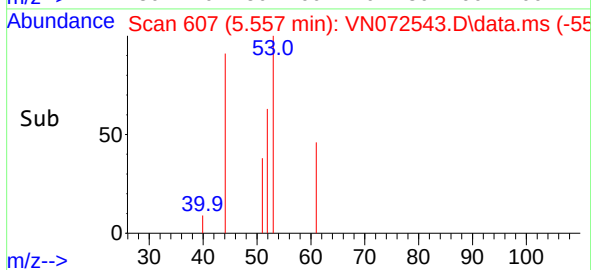
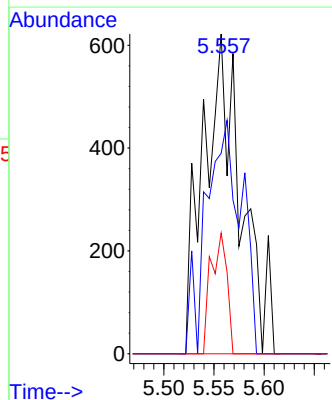
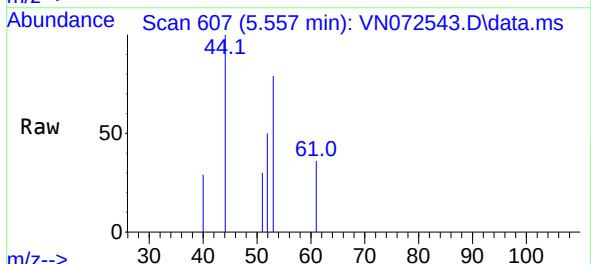
Instrument :
MSVOA_N
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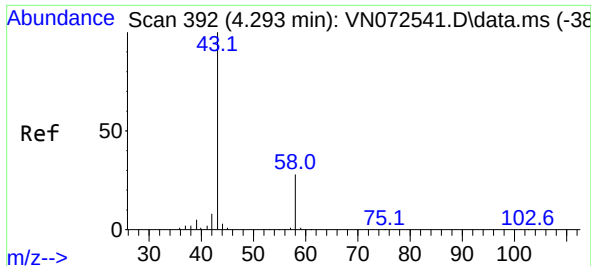
Tgt Ion: 56 Resp: 522
Ion Ratio Lower Upper
56 100
55 15.9 54.8 82.2#



#15
Acrylonitrile
Concen: 0.886 ug/l
RT: 5.557 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN072543.D
Acq: 18 May 2022 15:30

Tgt Ion: 53 Resp: 1632
Ion Ratio Lower Upper
53 100
52 67.8 66.4 99.6
51 16.0 28.5 42.7#

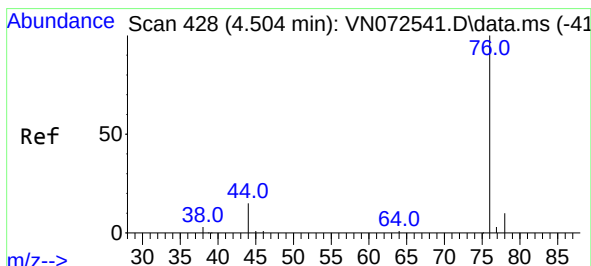
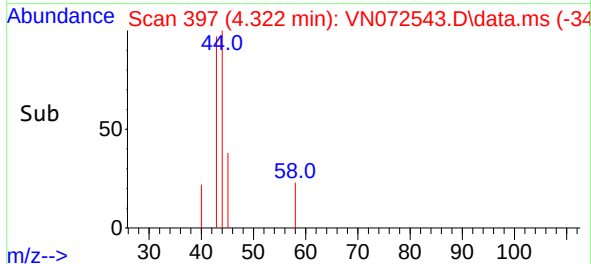
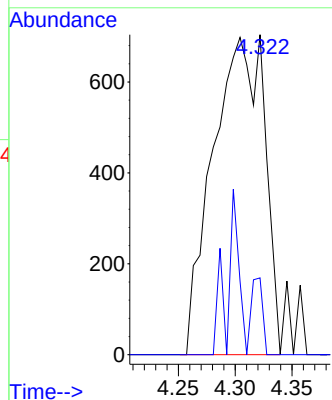
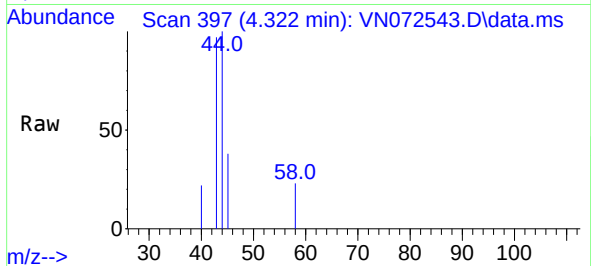




#16
Acetone
Concen: 1.398 ug/l
RT: 4.322 min Scan# 391
Delta R.T. 0.029 min
Lab File: VN072543.D
Acq: 18 May 2022 15:30

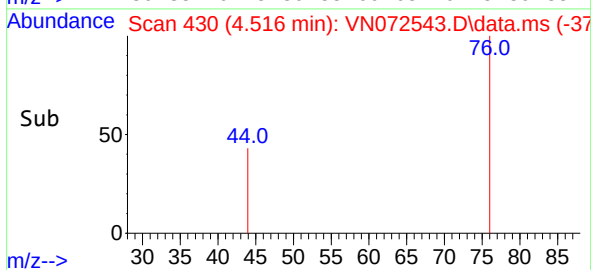
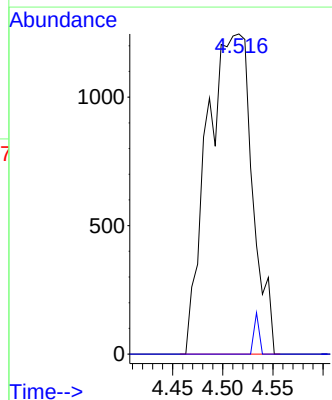
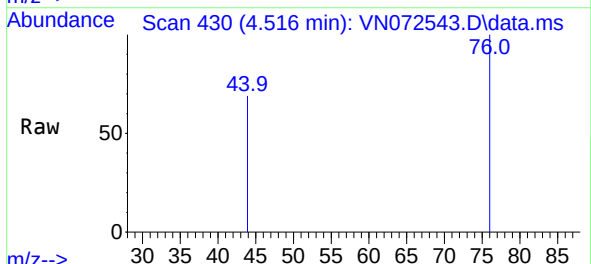
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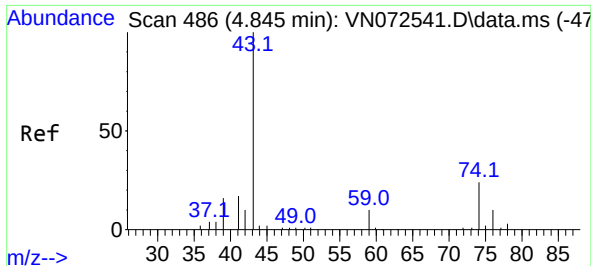
Tgt Ion: 43 Resp: 2208
Ion Ratio Lower Upper
43 100
58 24.0 26.0 39.0#



#17
Carbon Disulfide
Concen: 0.550 ug/l
RT: 4.516 min Scan# 430
Delta R.T. 0.012 min
Lab File: VN072543.D
Acq: 18 May 2022 15:30

Tgt Ion: 76 Resp: 3900
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

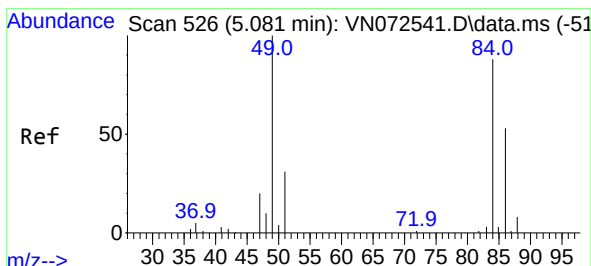
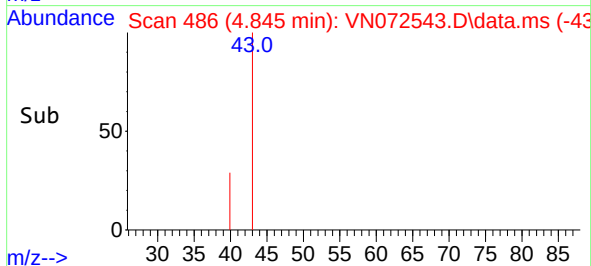
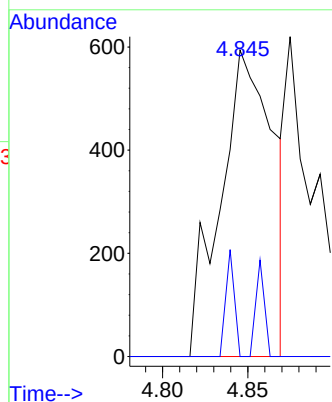
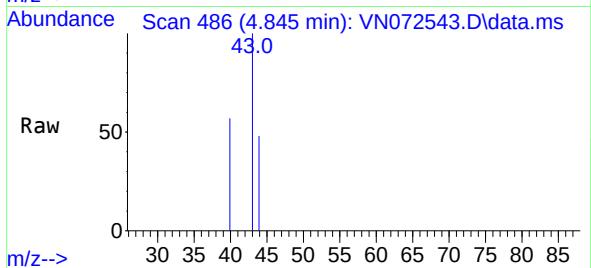




#18
Methyl Acetate
Concen: 0.570 ug/l
RT: 4.845 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN072543.D
Acq: 18 May 2022 15:30

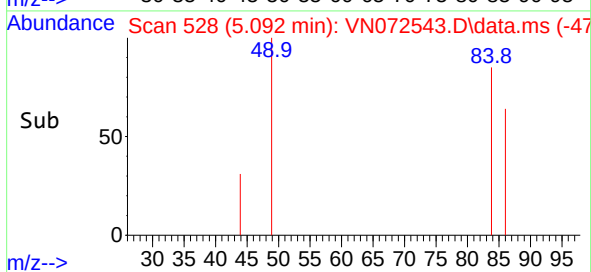
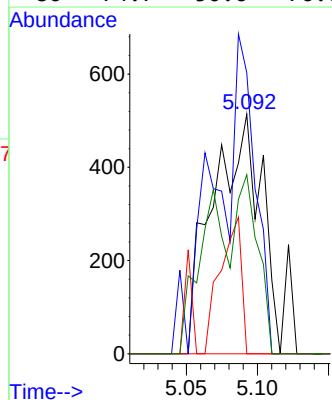
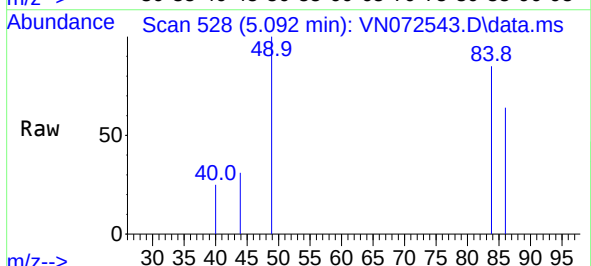
Instrument :
MSVOA_N
ClientSampleId :
IBLK

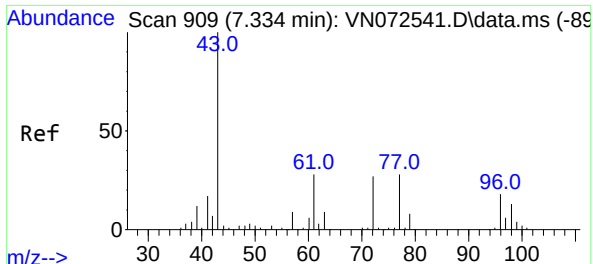
Tgt Ion: 43 Resp: 1280
Ion Ratio Lower Upper
43 100
74 5.7 21.6 32.4#



#20
Methylene Chloride
Concen: 0.326 ug/l
RT: 5.092 min Scan# 528
Delta R.T. 0.011 min
Lab File: VN072543.D
Acq: 18 May 2022 15:30

Tgt Ion: 84 Resp: 1221
Ion Ratio Lower Upper
84 100
49 117.3 88.3 132.5
51 0.0 28.2 42.2#
86 74.7 50.6 76.0

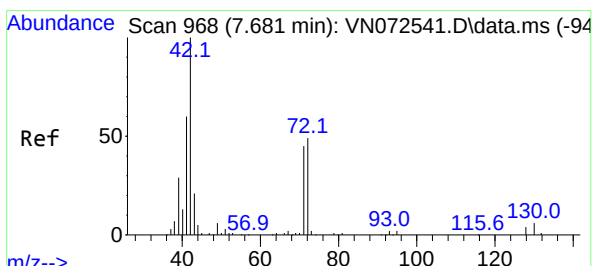
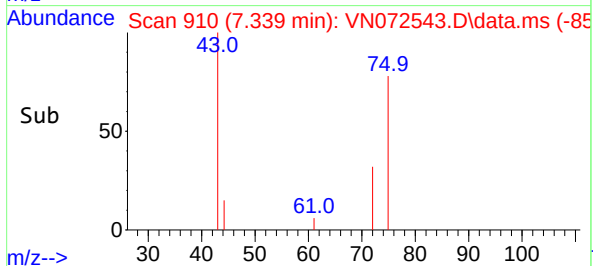
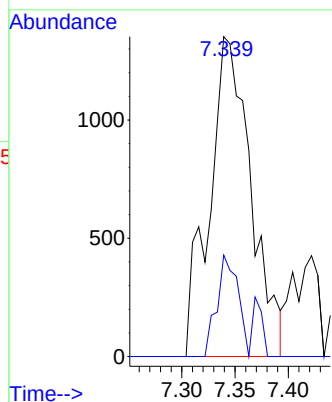
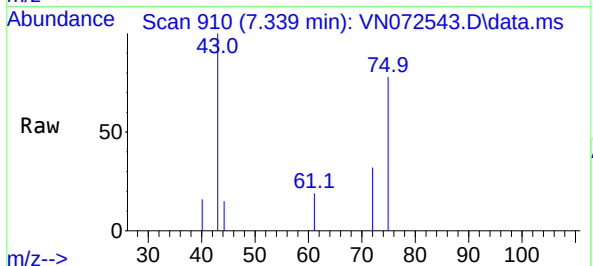




#25
2-Butanone
Concen: 1.477 ug/l
RT: 7.339 min Scan# 910
Delta R.T. 0.005 min
Lab File: VN072543.D
Acq: 18 May 2022 15:30

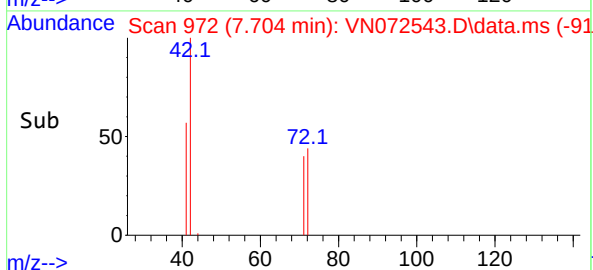
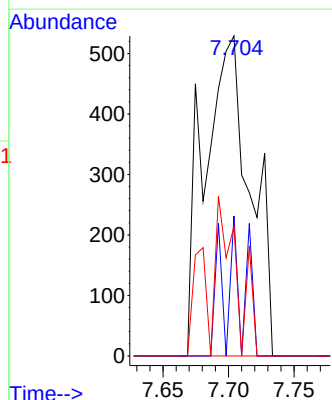
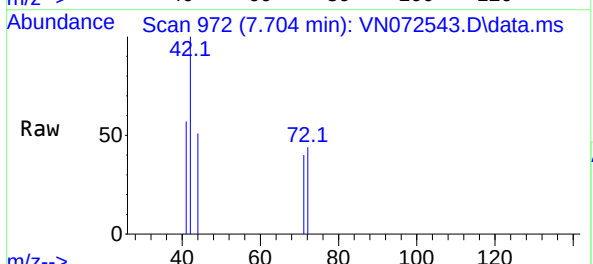
Instrument :
MSVOA_N
ClientSampleId :
IBLK

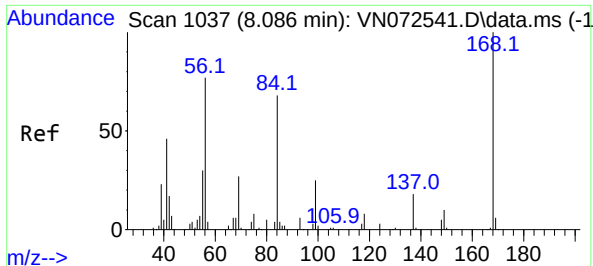
Tgt Ion: 43 Resp: 3669
Ion Ratio Lower Upper
43 100
72 31.7 23.7 35.5



#29
Tetrahydrofuran
Concen: 0.859 ug/l
RT: 7.704 min Scan# 972
Delta R.T. 0.023 min
Lab File: VN072543.D
Acq: 18 May 2022 15:30

Tgt Ion: 42 Resp: 1291
Ion Ratio Lower Upper
42 100
72 12.3 39.7 59.5#
71 0.0 36.6 55.0#





#31

Cyclohexane

Concen: 1.249 ug/l

RT: 8.075 min Scan# 1035

Delta R.T. -0.011 min

Lab File: VN072543.D

Acq: 18 May 2022 15:30

Instrument :

MSVOA_N

ClientSampleId :

IBLK

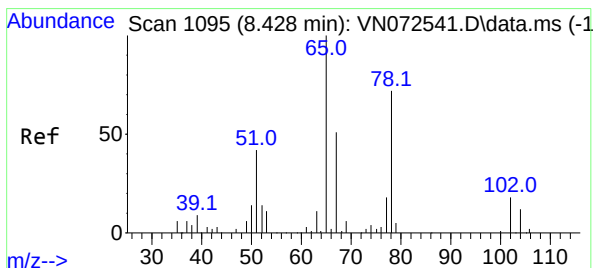
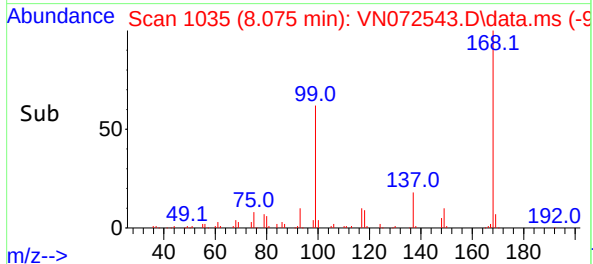
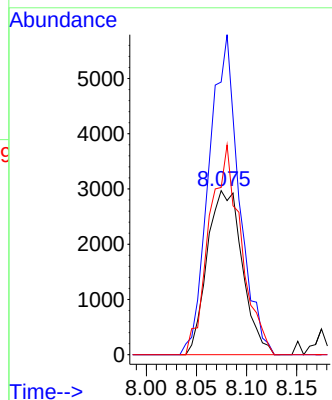
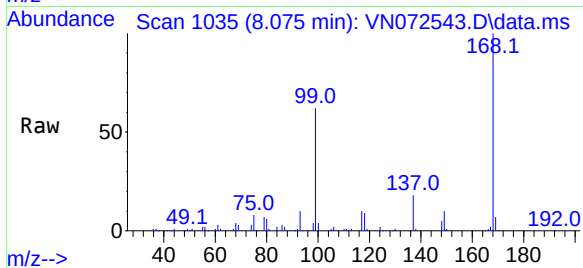
Tgt Ion: 56 Resp: 7236

Ion Ratio Lower Upper

56 100

69 166.3 27.8 41.8#

84 102.0 76.9 115.3



#33

1,2-Dichloroethane-d4

Concen: 42.189 ug/l

RT: 8.428 min Scan# 1095

Delta R.T. -0.000 min

Lab File: VN072543.D

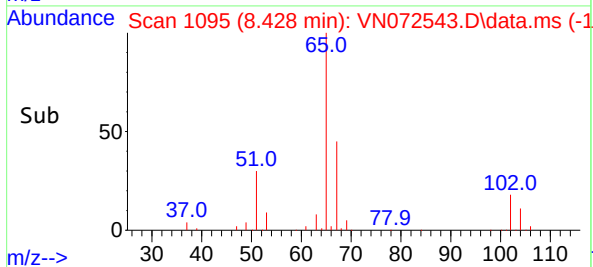
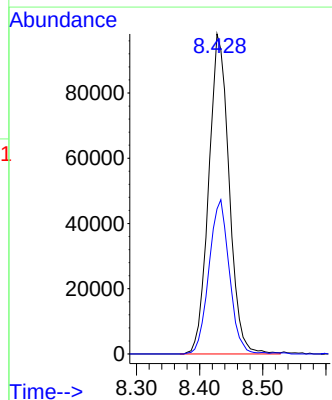
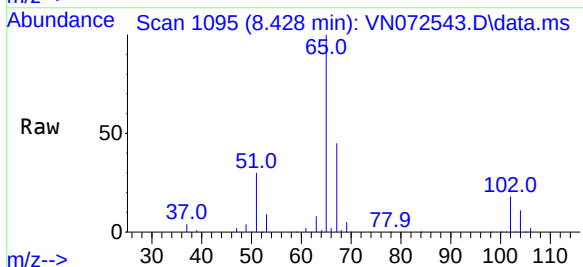
Acq: 18 May 2022 15:30

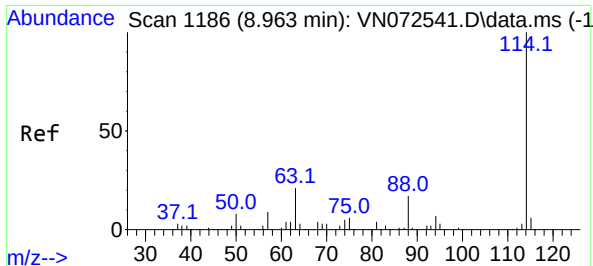
Tgt Ion: 65 Resp: 219867

Ion Ratio Lower Upper

65 100

67 48.2 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: VN072543.D

Acq: 18 May 2022 15:30

Instrument :

MSVOA_N

ClientSampleId :

IBLK

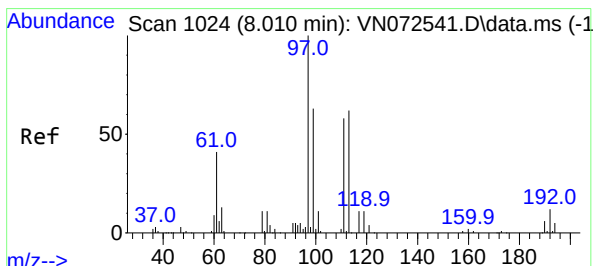
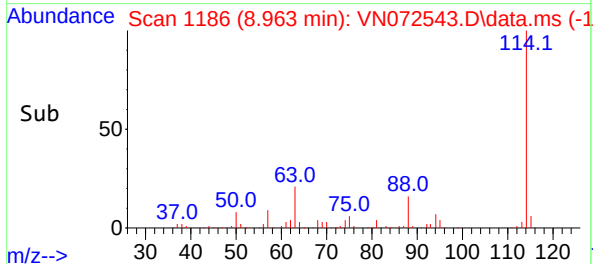
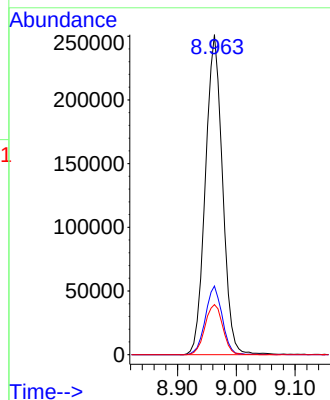
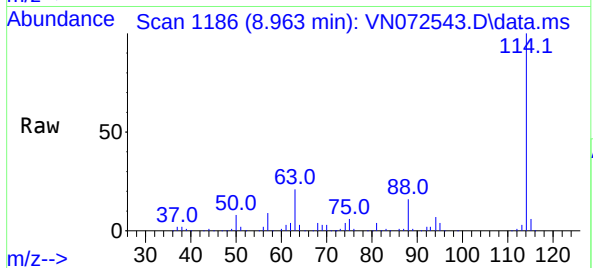
Tgt Ion:114 Resp: 507147

Ion Ratio Lower Upper

114 100

63 21.5 0.0 40.0

88 15.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 45.171 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. 0.006 min

Lab File: VN072543.D

Acq: 18 May 2022 15:30

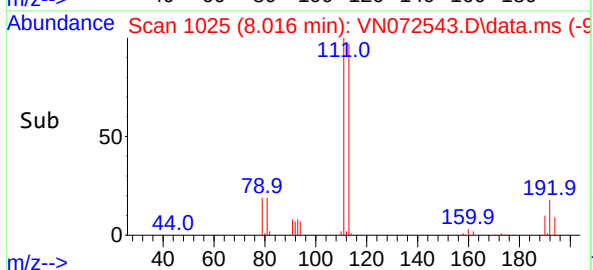
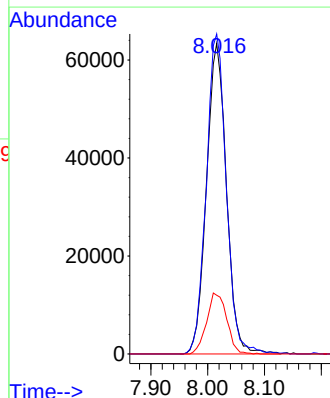
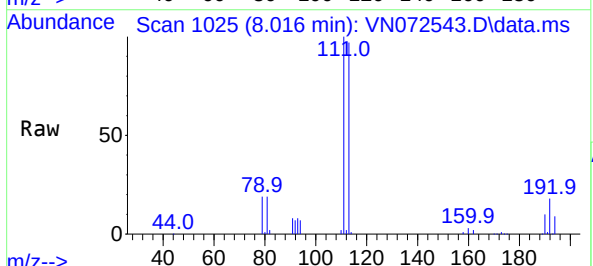
Tgt Ion:113 Resp: 154571

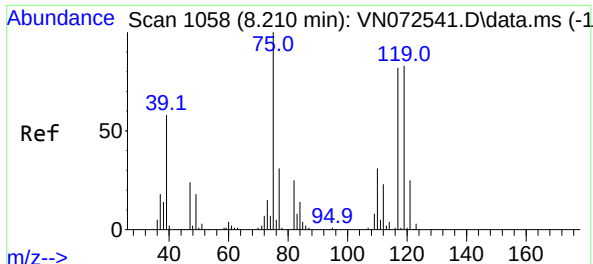
Ion Ratio Lower Upper

113 100

111 103.2 81.4 122.0

192 19.7 17.0 25.6

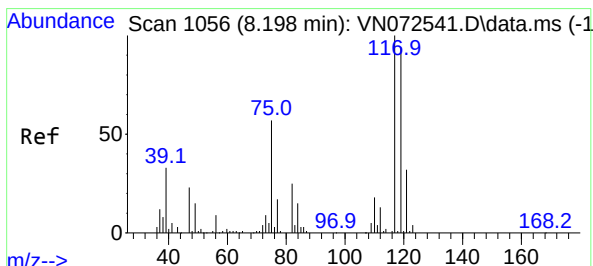
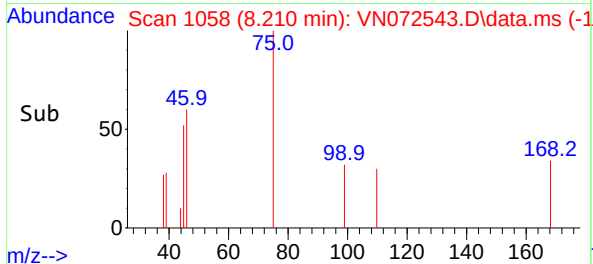
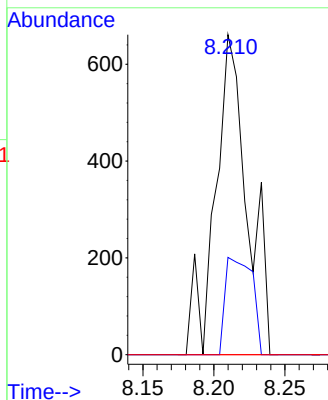
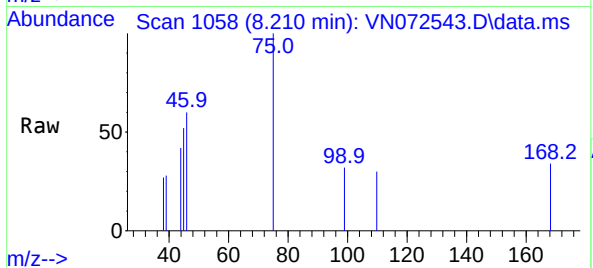




#36
1,1-Dichloropropene
Concen: 0.224 ug/l
RT: 8.210 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072543.D
Acq: 18 May 2022 15:30

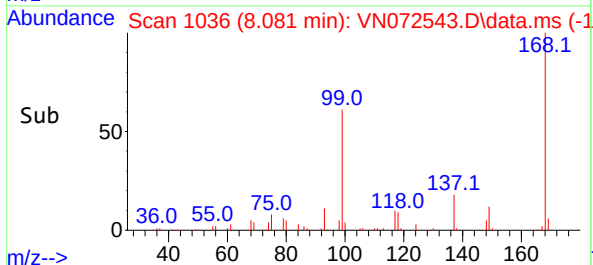
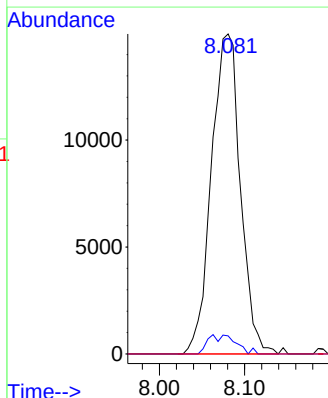
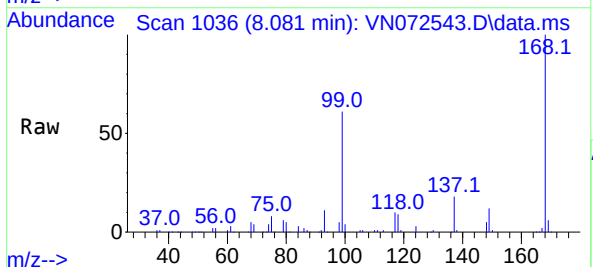
Instrument :
MSVOA_N
ClientSampleId :
IBLK

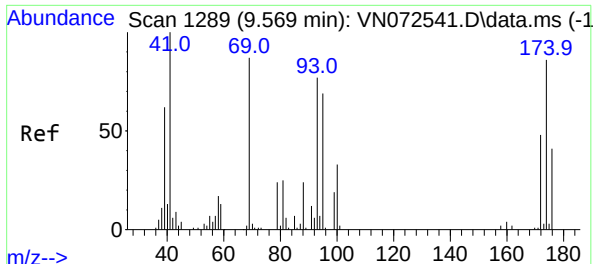
Tgt Ion: 75 Resp: 1045
Ion Ratio Lower Upper
75 100
110 25.2 18.3 54.8
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 6.125 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.117 min
Lab File: VN072543.D
Acq: 18 May 2022 15:30

Tgt Ion: 117 Resp: 35317
Ion Ratio Lower Upper
117 100
119 5.7 75.8 113.8#
121 0.0 24.6 37.0#

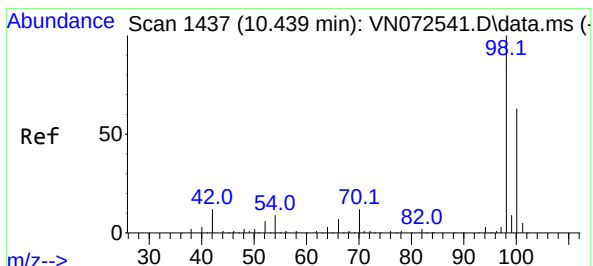
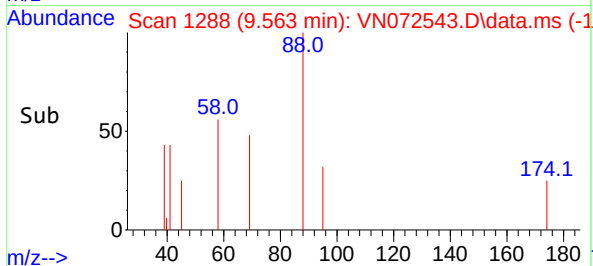
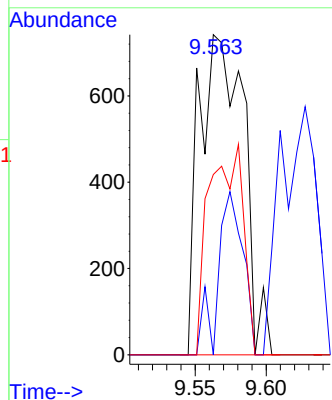
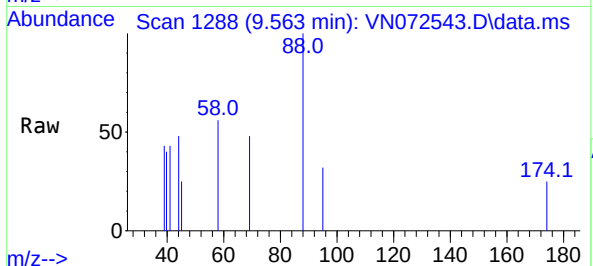




#49
1,4-Dioxane
Concen: 47.239 ug/l
RT: 9.563 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN072543.D
Acq: 18 May 2022 15:30

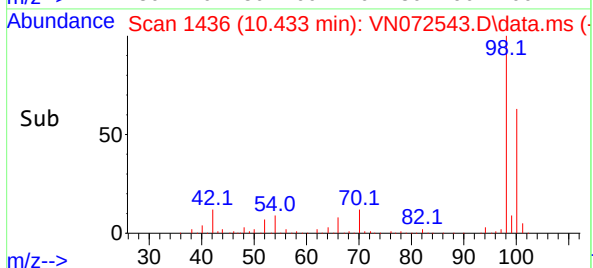
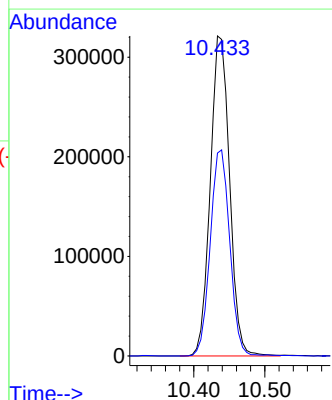
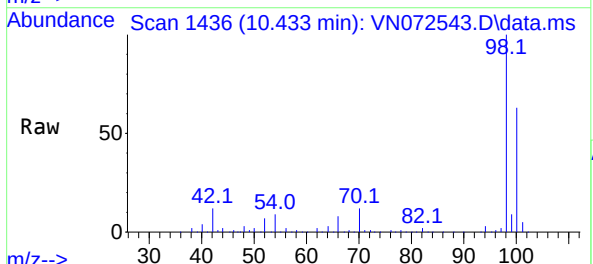
Instrument :
MSVOA_N
ClientSampleId :
IBLK

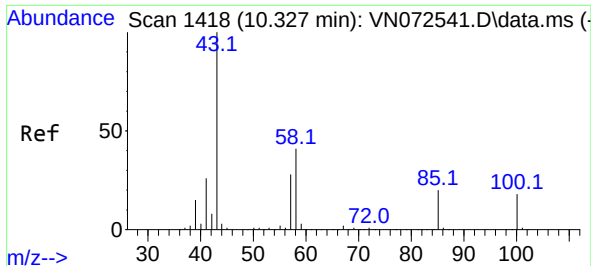
Tgt Ion: 88 Resp: 1612
Ion Ratio Lower Upper
88 100
43 29.0 20.2 30.4
58 50.5 54.2 81.4#



#50
Toluene-d8
Concen: 46.777 ug/l
RT: 10.433 min Scan# 1436
Delta R.T. -0.006 min
Lab File: VN072543.D
Acq: 18 May 2022 15:30

Tgt Ion: 98 Resp: 605888
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8

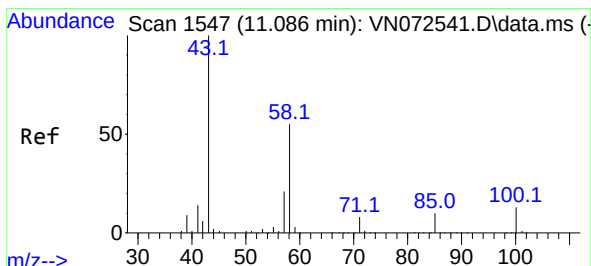
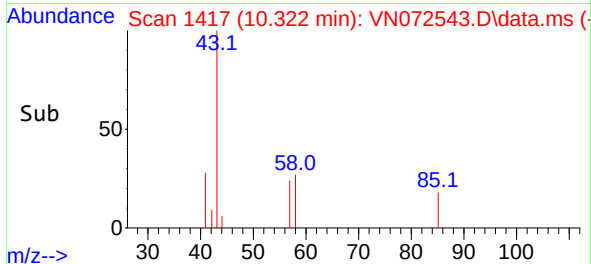
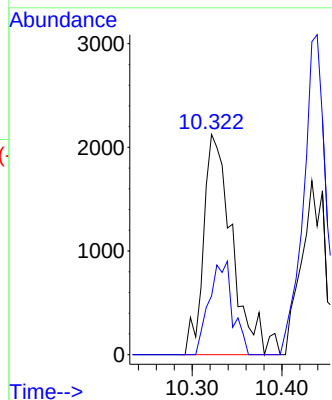
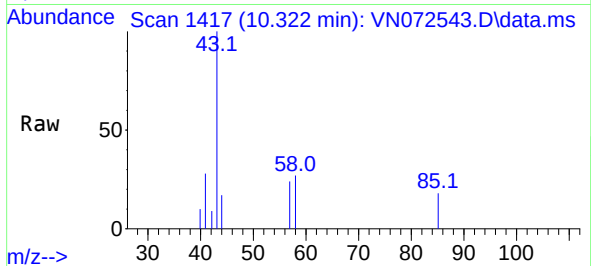




#51
4-Methyl-2-Pentanone
Concen: 0.872 ug/l
RT: 10.322 min Scan# 1417
Delta R.T. -0.005 min
Lab File: VN072543.D
Acq: 18 May 2022 15:30

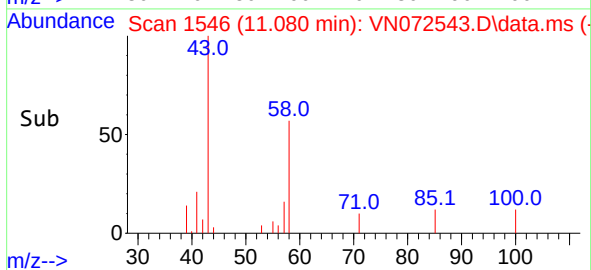
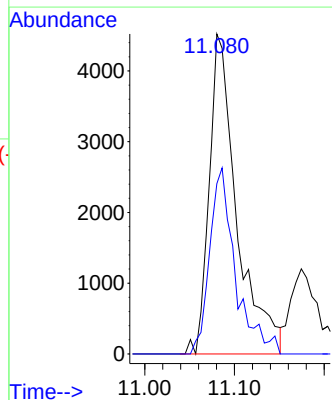
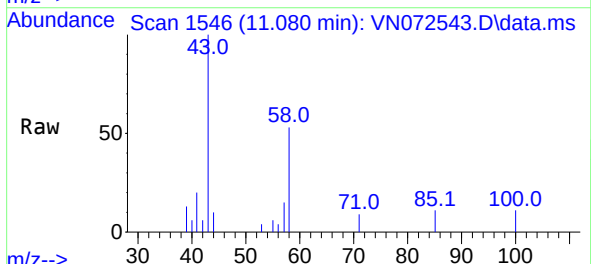
Instrument :
MSVOA_N
ClientSampleId :
IBLK

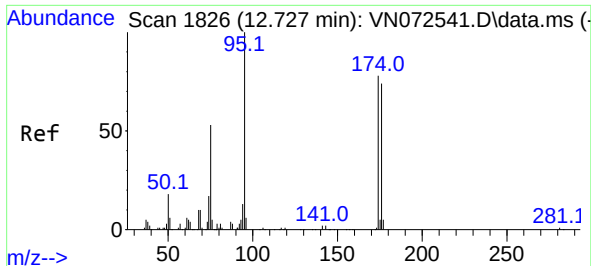
Tgt Ion: 43 Resp: 4737
Ion Ratio Lower Upper
43 100
58 34.4 34.1 51.1



#59
2-Hexanone
Concen: 2.559 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.006 min
Lab File: VN072543.D
Acq: 18 May 2022 15:30

Tgt Ion: 43 Resp: 9663
Ion Ratio Lower Upper
43 100
58 54.1 29.7 89.1

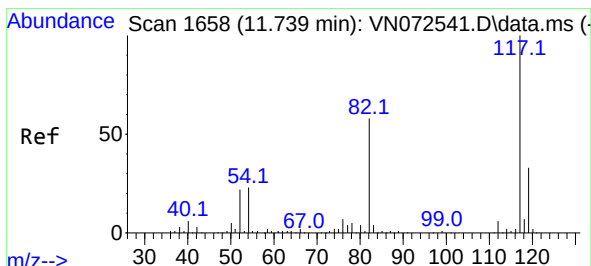
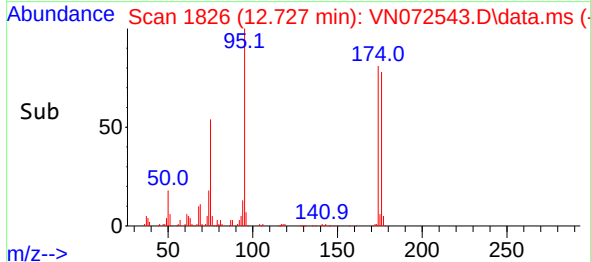
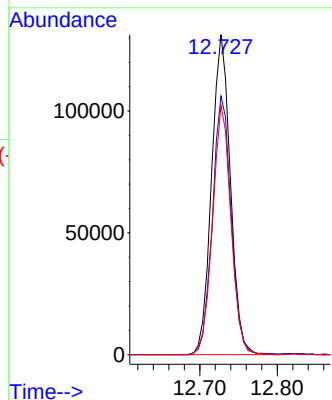
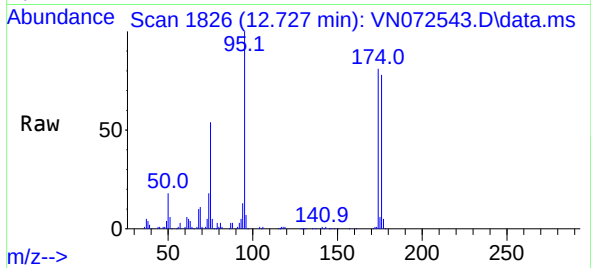




#62
4-Bromofluorobenzene
Concen: 44.864 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072543.D
Acq: 18 May 2022 15:30

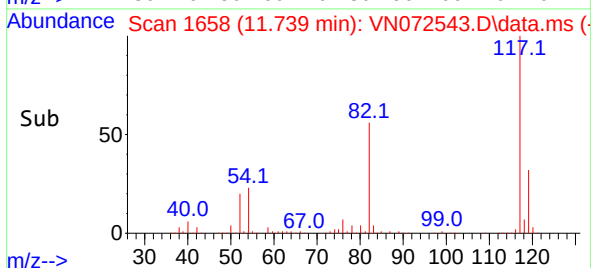
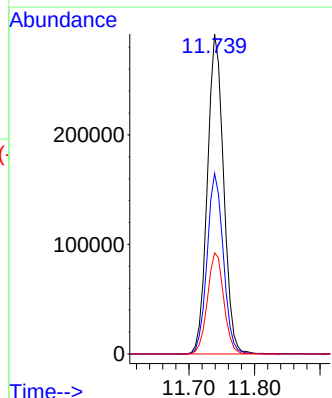
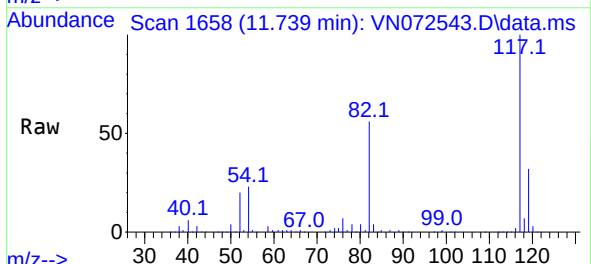
Instrument :
MSVOA_N
ClientSampleId :
IBLK

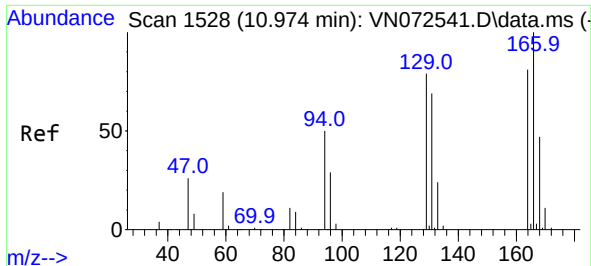
Tgt Ion: 95 Resp: 220736
Ion Ratio Lower Upper
95 100
174 80.8 0.0 167.6
176 76.2 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072543.D
Acq: 18 May 2022 15:30

Tgt Ion: 117 Resp: 502610
Ion Ratio Lower Upper
117 100
82 56.4 44.2 66.2
119 31.6 25.4 38.0

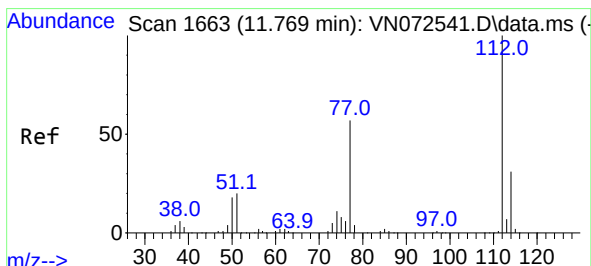
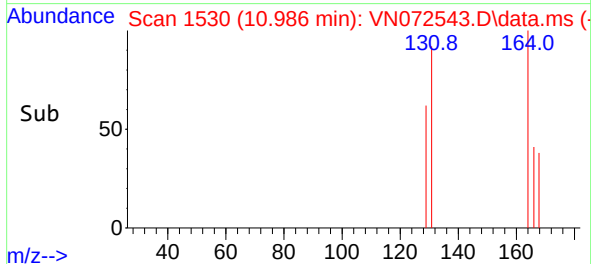
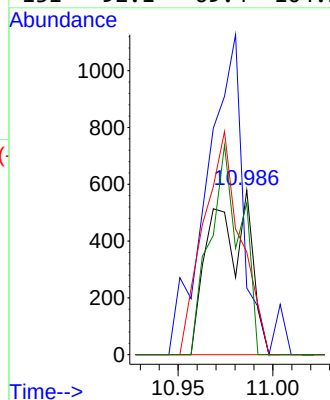
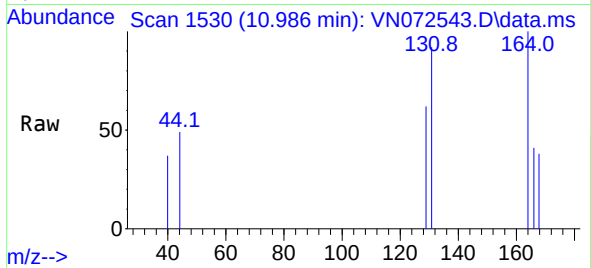




#64
Tetrachloroethene
Concen: 0.237 ug/l
RT: 10.986 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN072543.D
Acq: 18 May 2022 15:30

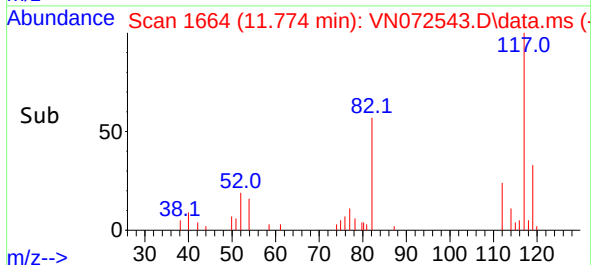
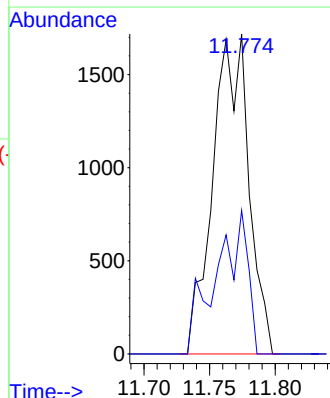
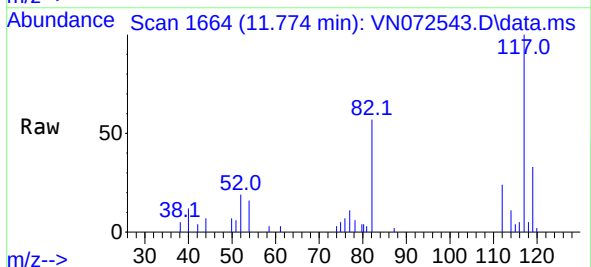
Instrument :
MSVOA_N
ClientSampleId :
IBLK

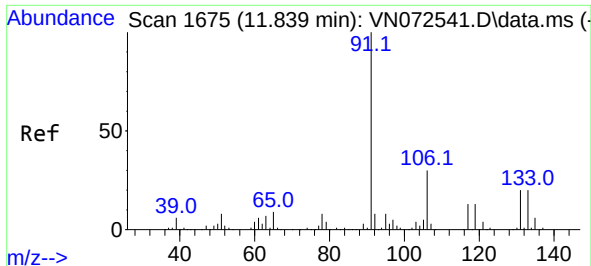
Tgt Ion:164 Resp: 826
Ion Ratio Lower Upper
164 100
166 10.0 104.2 156.2#
129 62.2 73.9 110.9#
131 92.1 69.4 104.2



#65
Chlorobenzene
Concen: 0.317 ug/l
RT: 11.774 min Scan# 1664
Delta R.T. 0.005 min
Lab File: VN072543.D
Acq: 18 May 2022 15:30

Tgt Ion:112 Resp: 3263
Ion Ratio Lower Upper
112 100
114 44.8 25.4 38.2#

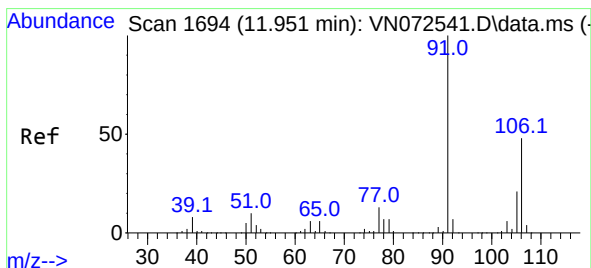
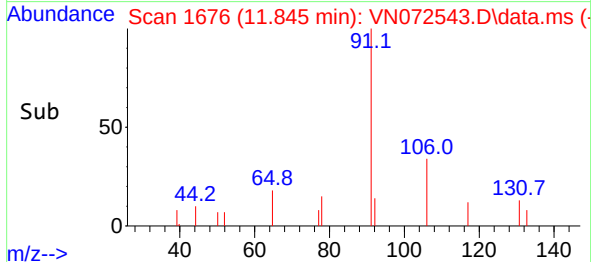
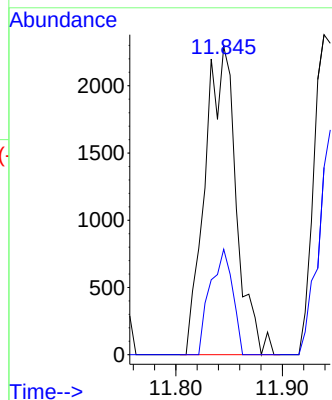
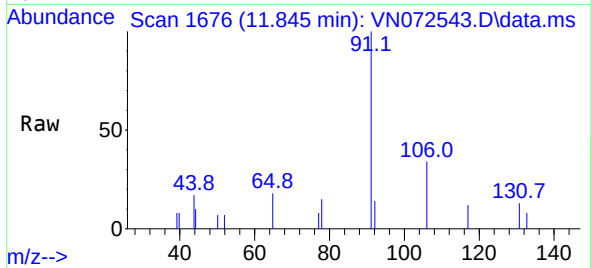




#67
Ethyl Benzene
Concen: 0.262 ug/l
RT: 11.845 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VN072543.D
Acq: 18 May 2022 15:30

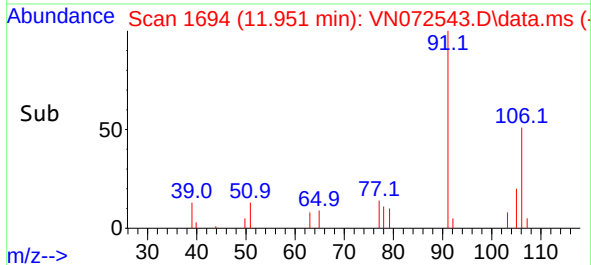
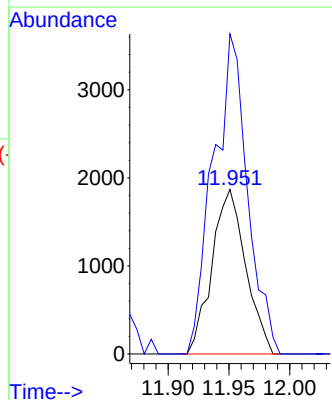
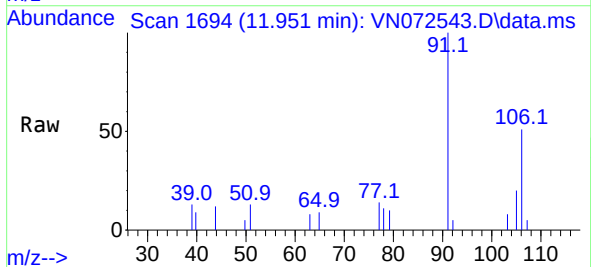
Instrument :
MSVOA_N
ClientSampleId :
IBLK

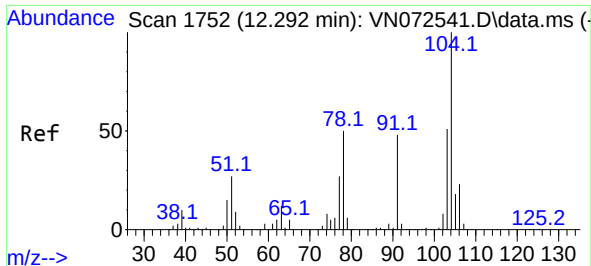
Tgt Ion: 91 Resp: 4672
Ion Ratio Lower Upper
91 100
106 34.3 24.9 37.3



#68
m/p-Xylenes
Concen: 0.526 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN072543.D
Acq: 18 May 2022 15:30

Tgt Ion: 106 Resp: 3607
Ion Ratio Lower Upper
106 100
91 197.3 158.9 238.3

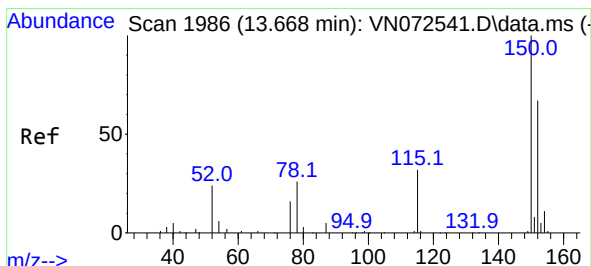
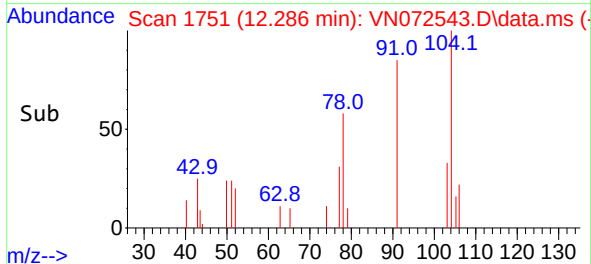
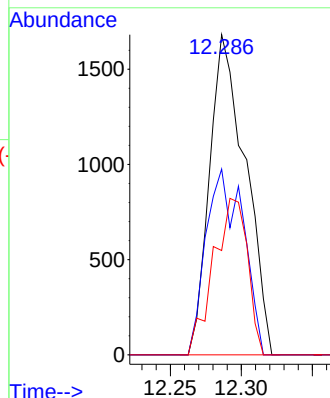
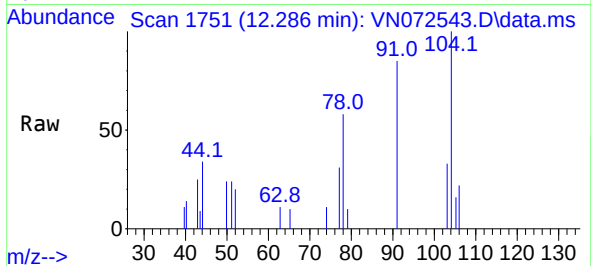




#70
Styrene
Concen: 0.275 ug/l
RT: 12.286 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN072543.D
Acq: 18 May 2022 15:30

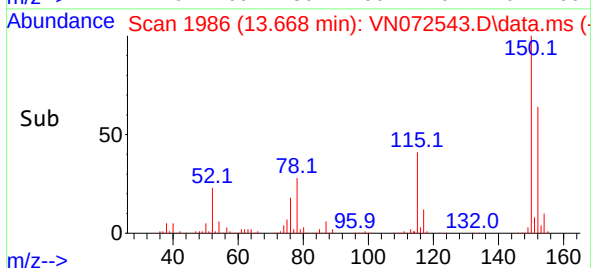
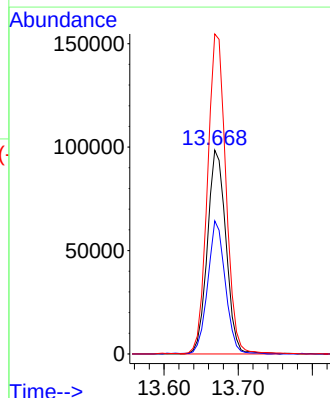
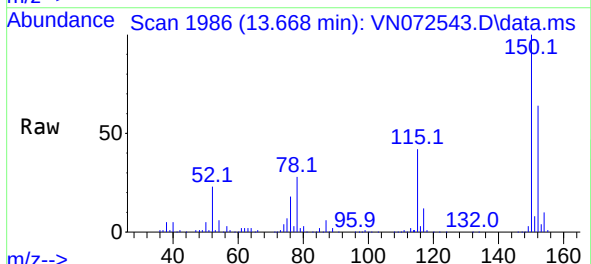
Instrument :
MSVOA_N
ClientSampleId :
IBLK

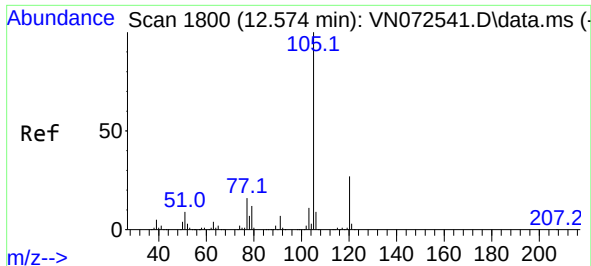
Tgt Ion:104 Resp: 2958
Ion Ratio Lower Upper
104 100
78 60.0 39.5 59.3#
103 46.0 44.0 66.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN072543.D
Acq: 18 May 2022 15:30

Tgt Ion:152 Resp: 171797
Ion Ratio Lower Upper
152 100
115 61.9 28.9 86.7
150 155.8 0.0 356.2

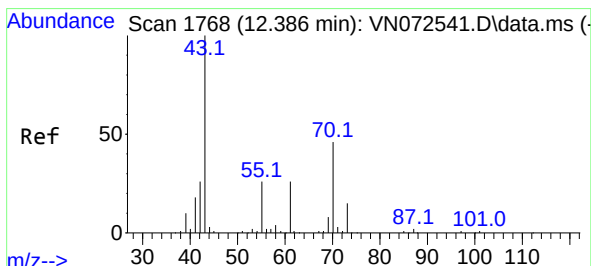
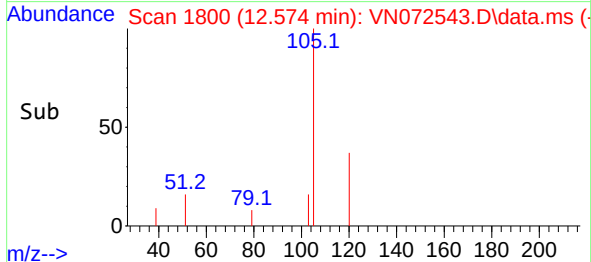
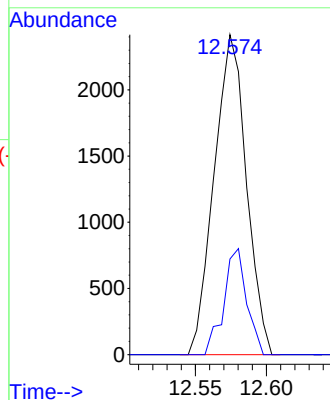
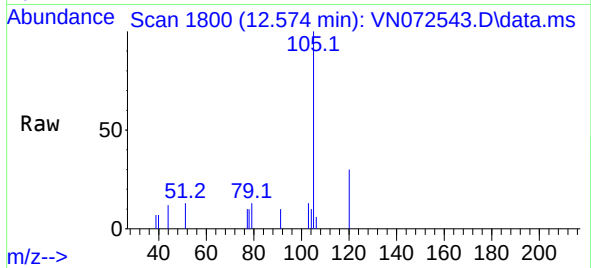




#73
Isopropylbenzene
Concen: 0.269 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN072543.D
Acq: 18 May 2022 15:30

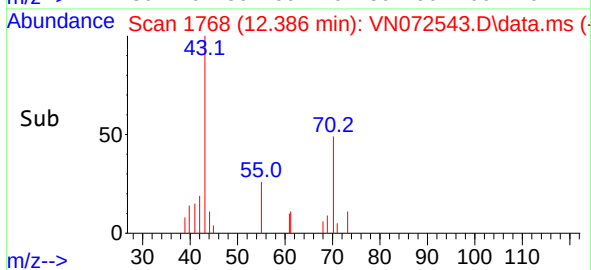
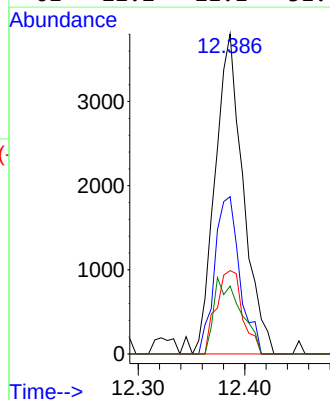
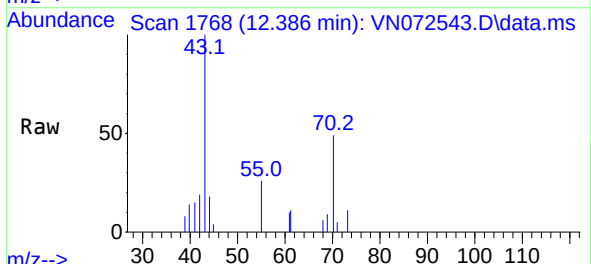
Instrument :
MSVOA_N
ClientSampleId :
IBLK

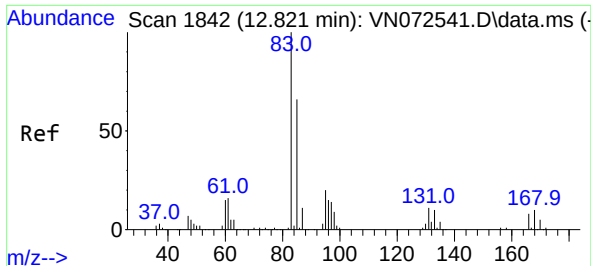
Tgt Ion:105 Resp: 3814
Ion Ratio Lower Upper
105 100
120 23.4 13.5 40.4



#74
N-ethyl acetate
Concen: 1.481 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VN072543.D
Acq: 18 May 2022 15:30

Tgt Ion: 43 Resp: 7009
Ion Ratio Lower Upper
43 100
70 43.8 39.0 58.4
55 24.0 21.1 31.7
61 22.2 21.1 31.7

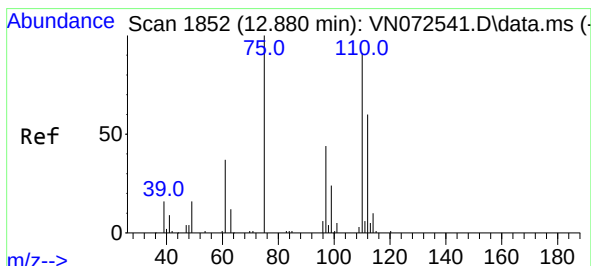
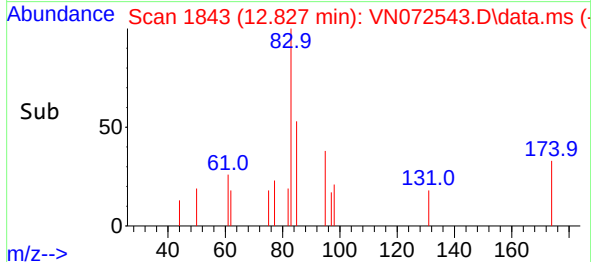
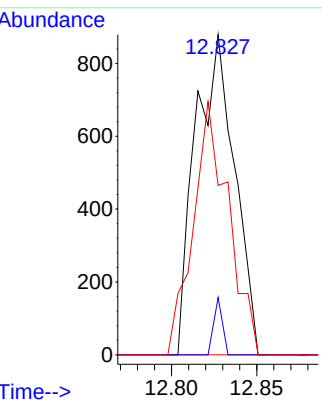
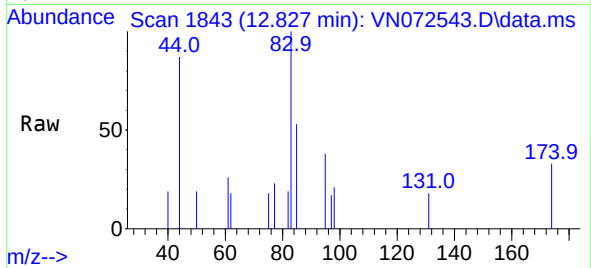




#75
1,1,2,2-Tetrachloroethane
Concen: 0.327 ug/l
RT: 12.827 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VN072543.D
Acq: 18 May 2022 15:30

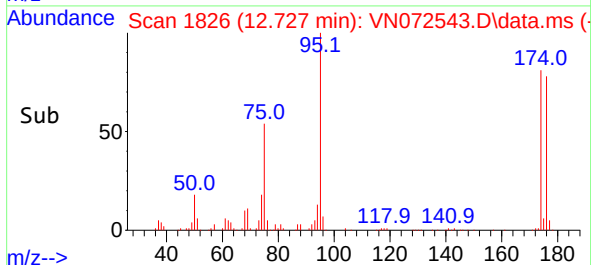
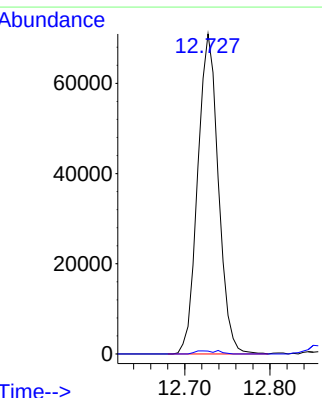
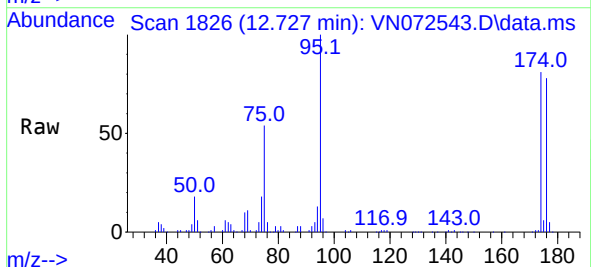
Instrument :
MSVOA_N
ClientSampleId :
IBLK

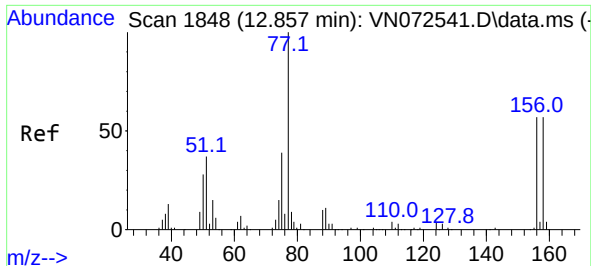
Tgt Ion: 83 Resp: 1408
Ion Ratio Lower Upper
83 100
131 3.9 5.3 15.9#
85 70.8 32.3 96.9



#76
1,2,3-Trichloropropane
Concen: 23.035 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.153 min
Lab File: VN072543.D
Acq: 18 May 2022 15:30

Tgt Ion: 75 Resp: 119544
Ion Ratio Lower Upper
75 100
77 1.1 98.5 295.5#

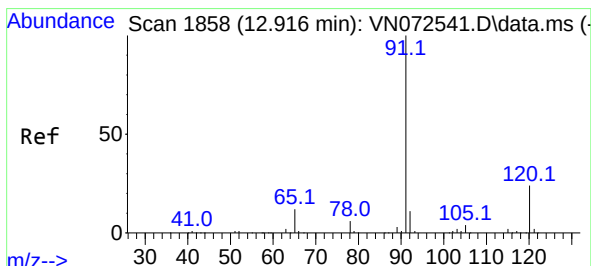
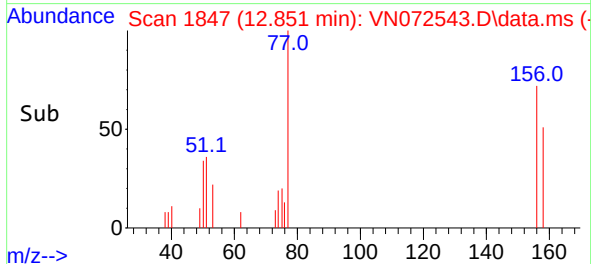
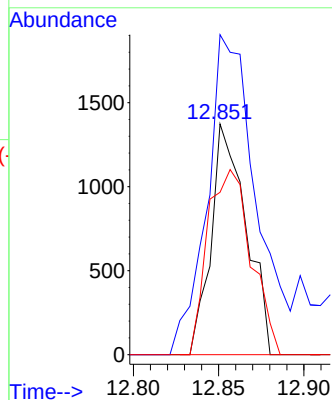
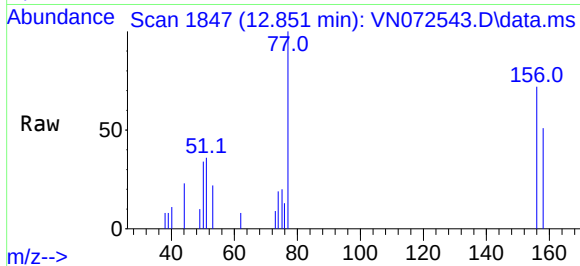




#77
Bromobenzene
Concen: 0.538 ug/l
RT: 12.851 min Scan# 1847
Delta R.T. -0.006 min
Lab File: VN072543.D
Acq: 18 May 2022 15:30

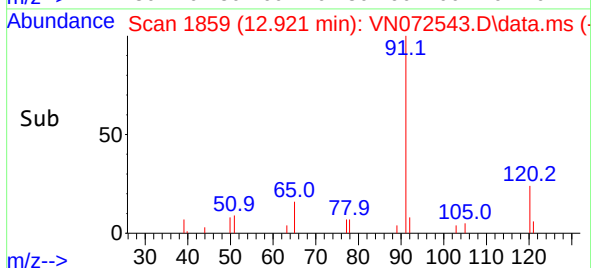
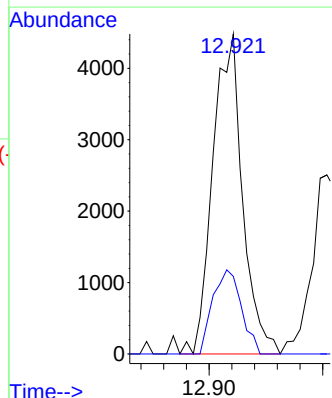
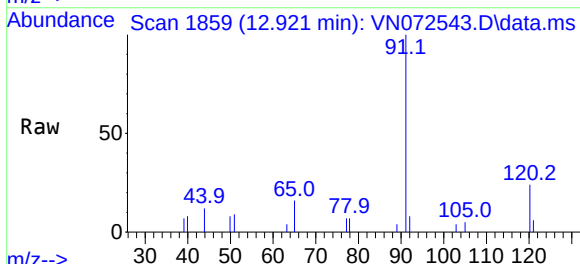
Instrument :
MSVOA_N
ClientSampleId :
IBLK

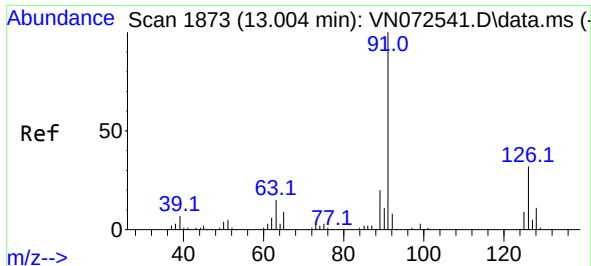
Tgt Ion:156 Resp: 1956
Ion Ratio Lower Upper
156 100
77 193.5 100.5 301.5
158 99.9 48.9 146.6



#78
n-propylbenzene
Concen: 0.524 ug/l
RT: 12.921 min Scan# 1859
Delta R.T. 0.005 min
Lab File: VN072543.D
Acq: 18 May 2022 15:30

Tgt Ion: 91 Resp: 8141
Ion Ratio Lower Upper
91 100
120 25.2 11.9 35.5





#79

2-Chlorotoluene

Concen: 0.434 ug/l

RT: 13.004 min Scan# 1873

Delta R.T. -0.000 min

Lab File: VN072543.D

Acq: 18 May 2022 15:30

Instrument :

MSVOA_N

ClientSampleId :

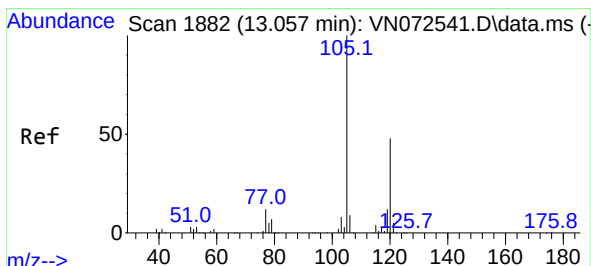
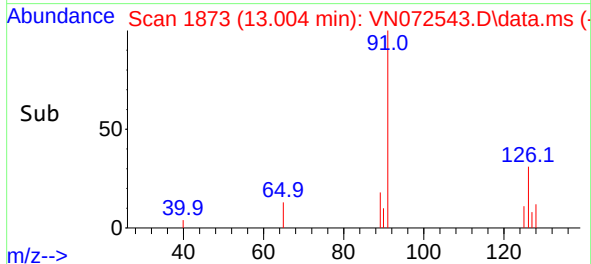
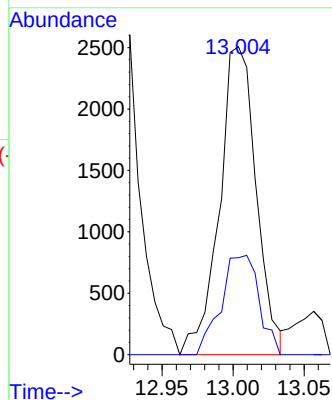
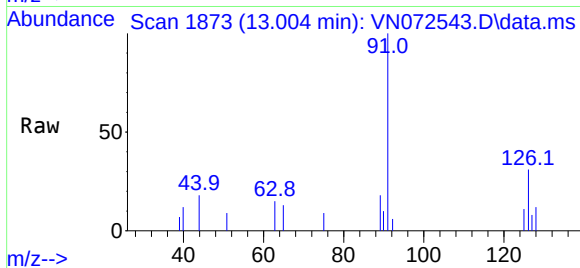
IBLK

Tgt Ion: 91 Resp: 4519

Ion Ratio Lower Upper

91 100

126 33.4 17.3 51.9



#80

1,3,5-Trimethylbenzene

Concen: 0.319 ug/l

RT: 13.057 min Scan# 1882

Delta R.T. -0.000 min

Lab File: VN072543.D

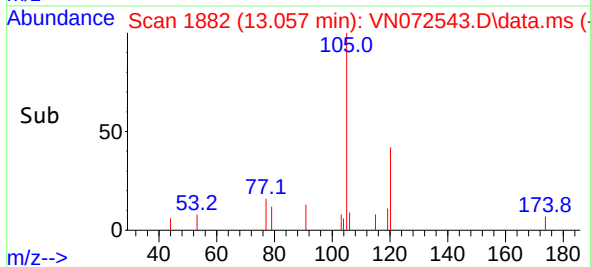
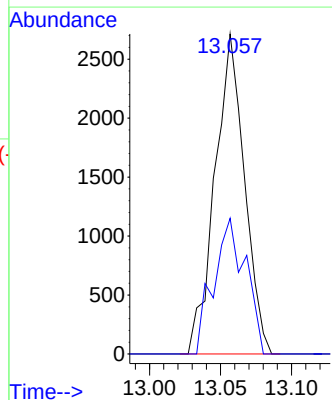
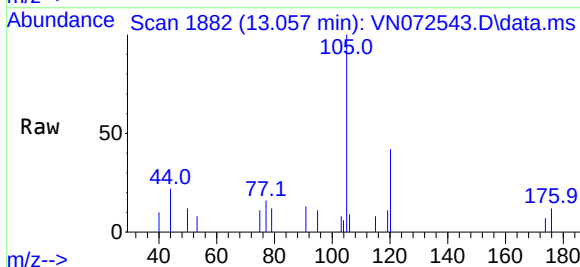
Acq: 18 May 2022 15:30

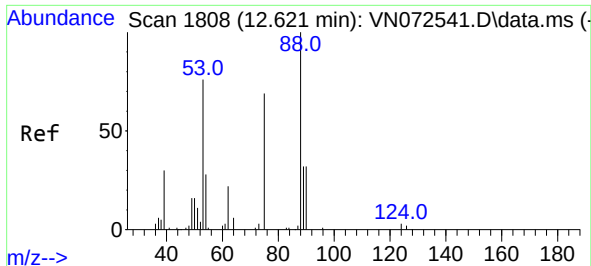
Tgt Ion: 105 Resp: 3933

Ion Ratio Lower Upper

105 100

120 45.7 24.9 74.7

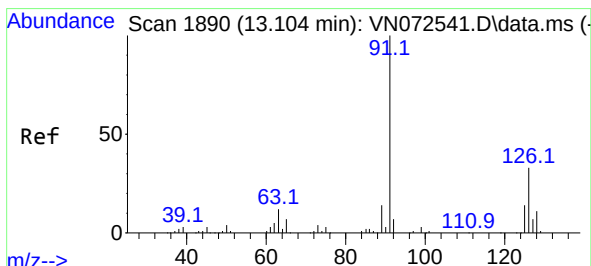
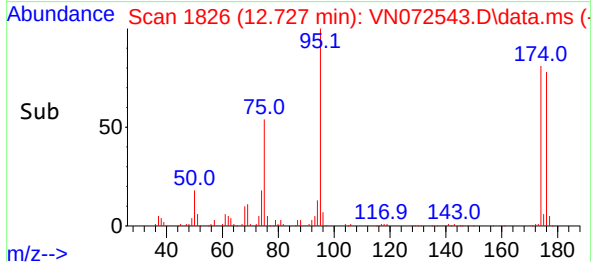
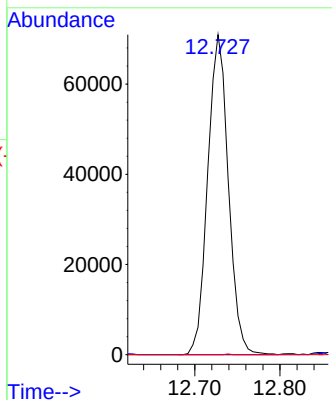
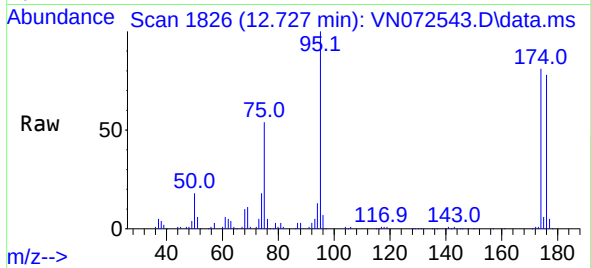




#81
trans-1,4-Dichloro-2-butene
Concen: 96.029 ug/l
RT: 12.727 min Scan# 11
Delta R.T. 0.106 min
Lab File: VN072543.D
Acq: 18 May 2022 15:30

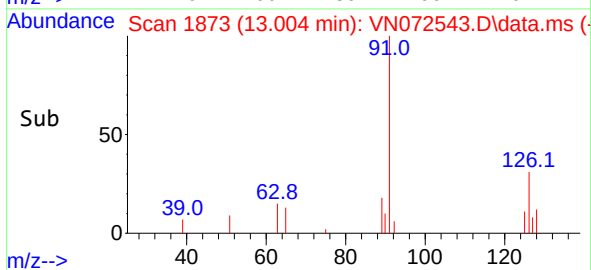
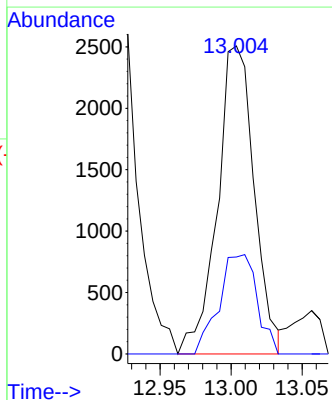
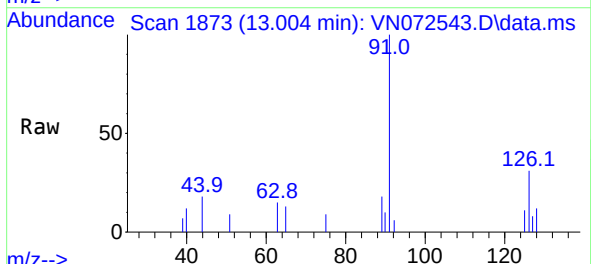
Instrument :
MSVOA_N
ClientSampleId :
IBLK

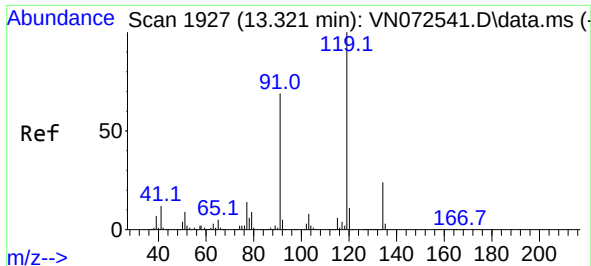
Tgt Ion: 75 Resp: 119544
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.1 37.2 55.8#



#82
4-Chlorotoluene
Concen: 0.466 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.100 min
Lab File: VN072543.D
Acq: 18 May 2022 15:30

Tgt Ion: 91 Resp: 4519
Ion Ratio Lower Upper
91 100
126 33.4 17.2 51.6

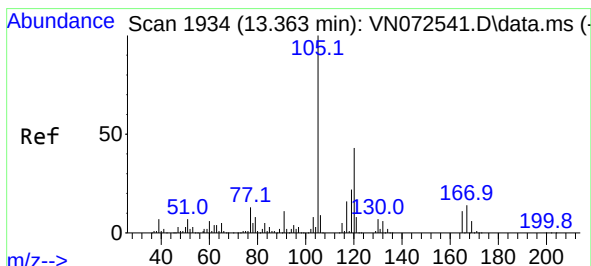
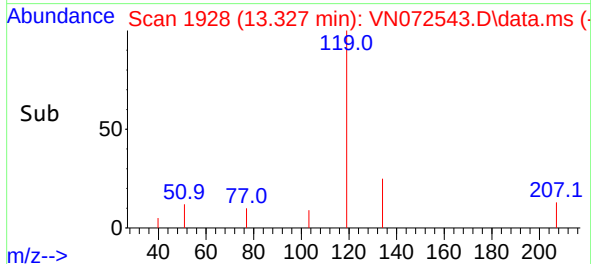
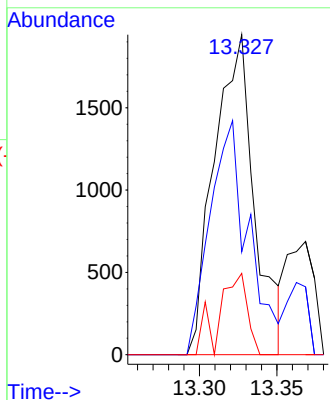
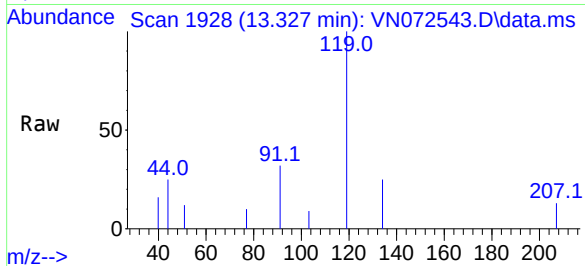




#83
 tert-Butylbenzene
 Concen: 0.335 ug/l
 RT: 13.327 min Scan# 1927
 Delta R.T. 0.006 min
 Lab File: VN072543.D
 Acq: 18 May 2022 15:30

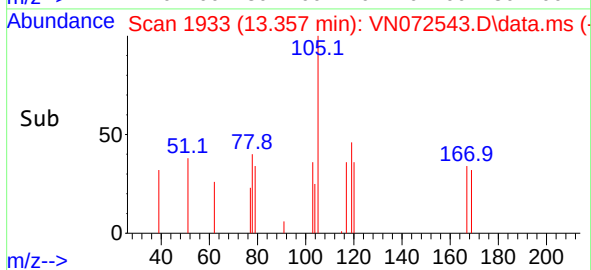
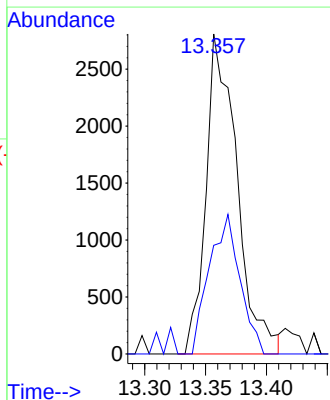
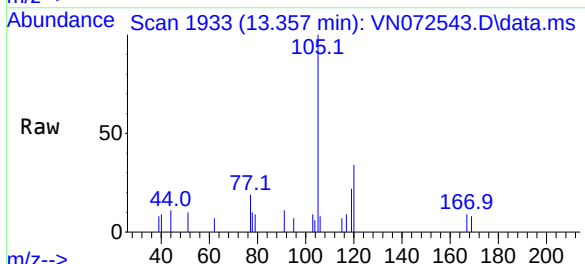
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

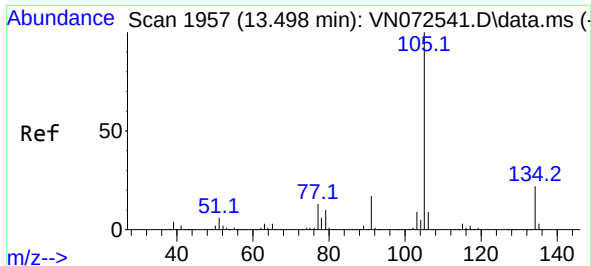
Tgt Ion:	119	Resp:	3505
Ion	Ratio	Lower	Upper
119	100		
91	69.8	31.6	94.8
134	18.0	13.7	41.1



#84
 1,2,4-Trimethylbenzene
 Concen: 0.420 ug/l
 RT: 13.357 min Scan# 1933
 Delta R.T. -0.006 min
 Lab File: VN072543.D
 Acq: 18 May 2022 15:30

Tgt Ion:	105	Resp:	4967
Ion	Ratio	Lower	Upper
105	100		
120	43.2	23.3	69.8

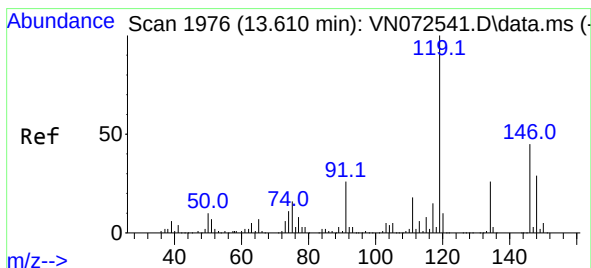
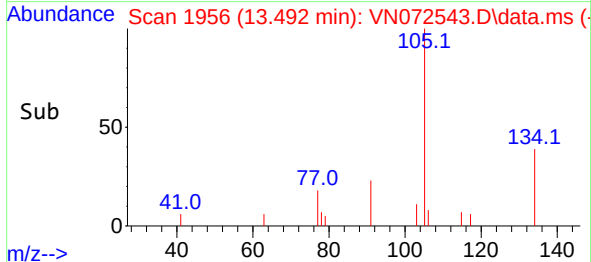
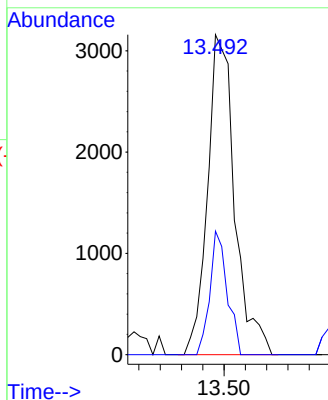
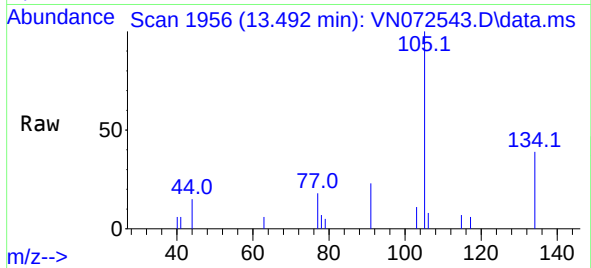




#85
sec-Butylbenzene
Concen: 0.411 ug/l
RT: 13.492 min Scan# 1956
Delta R.T. -0.006 min
Lab File: VN072543.D
Acq: 18 May 2022 15:30

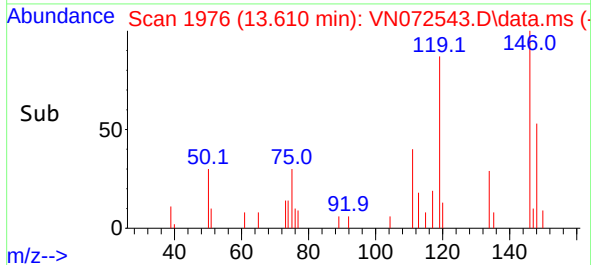
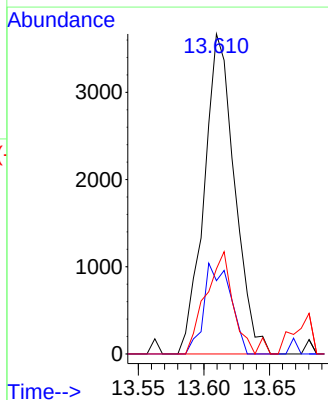
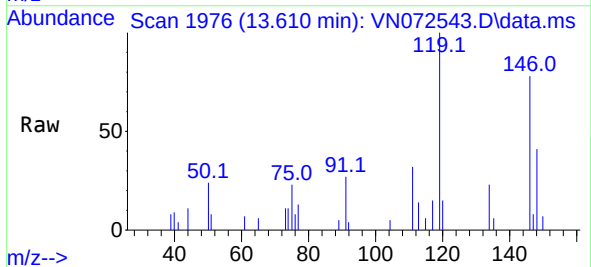
Instrument :
MSVOA_N
ClientSampleId :
IBLK

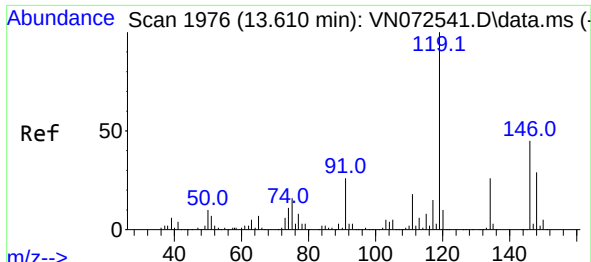
Tgt Ion:105 Resp: 5583
Ion Ratio Lower Upper
105 100
134 24.6 10.4 31.1



#86
p-Isopropyltoluene
Concen: 0.532 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN072543.D
Acq: 18 May 2022 15:30

Tgt Ion:119 Resp: 5941
Ion Ratio Lower Upper
119 100
134 24.7 13.3 39.8
91 29.4 11.3 33.9

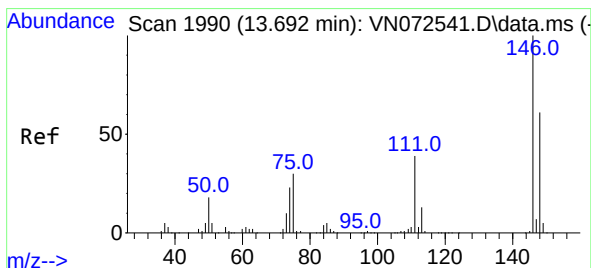
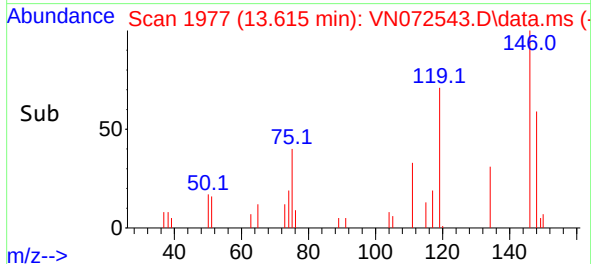
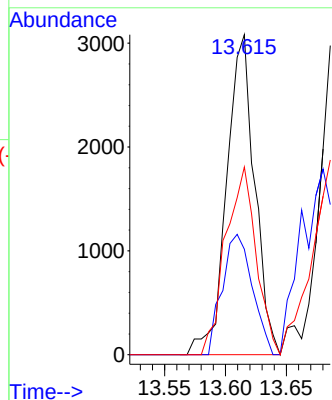
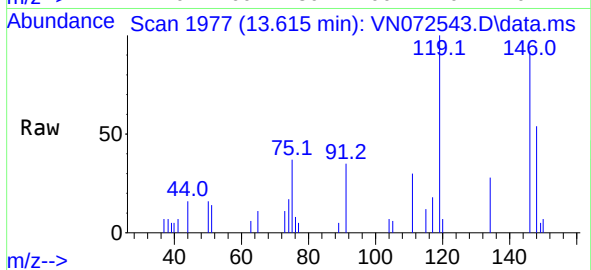




#87
 1,3-Dichlorobenzene
 Concen: 0.828 ug/l
 RT: 13.615 min Scan# 1976
 Delta R.T. 0.005 min
 Lab File: VN072543.D
 Acq: 18 May 2022 15:30

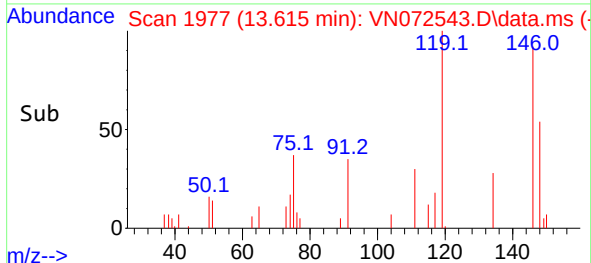
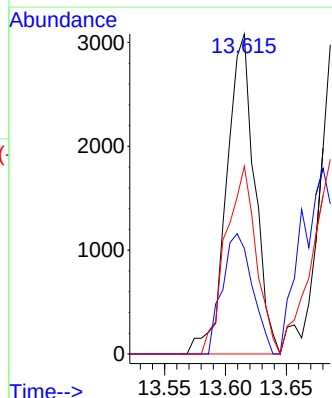
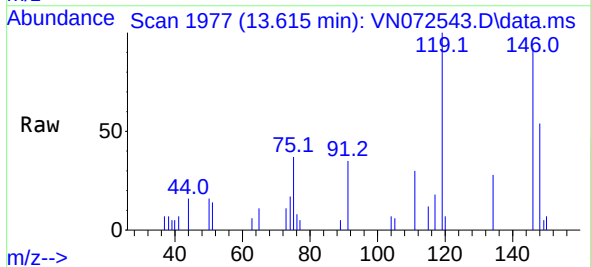
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

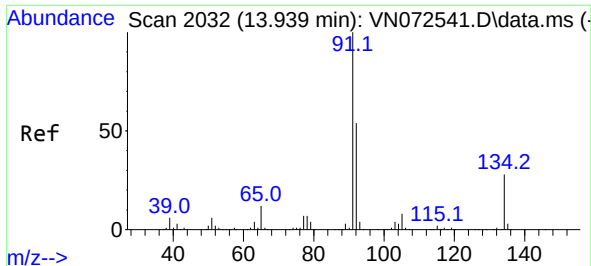
Tgt Ion:146 Resp: 4935
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.0 60.0
 148 63.8 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 0.851 ug/l
 RT: 13.615 min Scan# 1977
 Delta R.T. -0.077 min
 Lab File: VN072543.D
 Acq: 18 May 2022 15:30

Tgt Ion:146 Resp: 4935
 Ion Ratio Lower Upper
 146 100
 111 40.3 19.1 57.1
 148 63.8 31.4 94.3

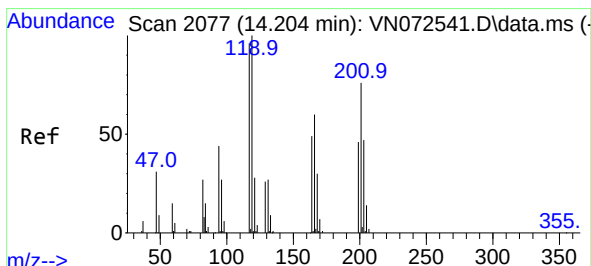
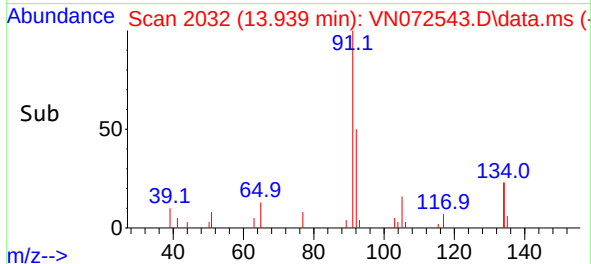
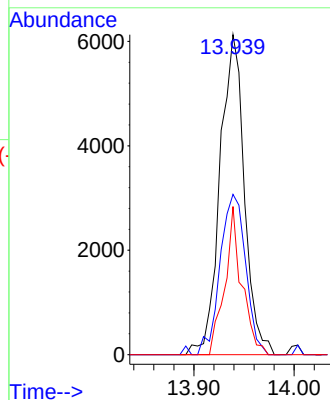
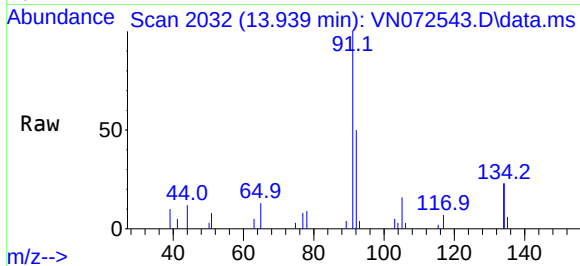




#89
n-Butylbenzene
Concen: 1.224 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN072543.D
Acq: 18 May 2022 15:30

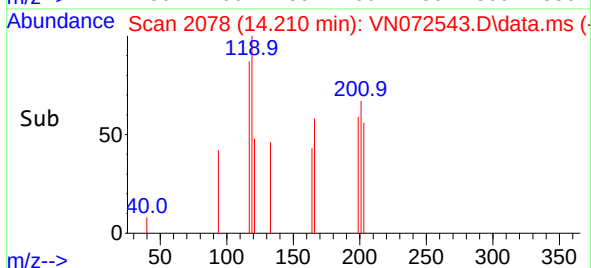
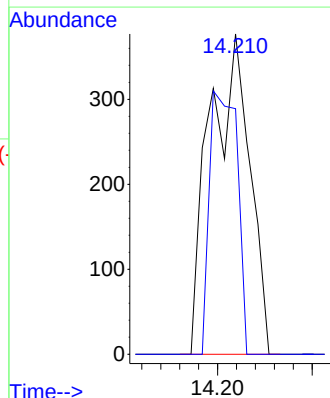
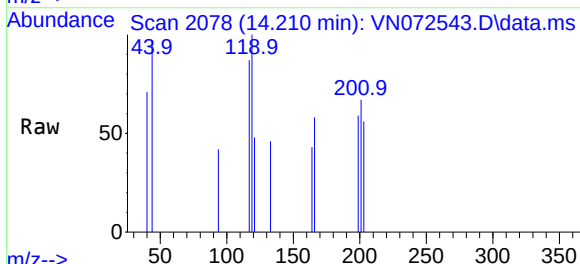
Instrument :
MSVOA_N
ClientSampleId :
IBLK

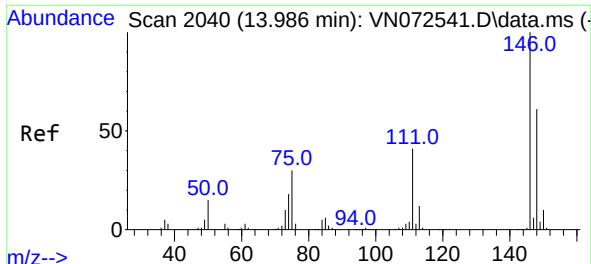
Tgt Ion:	91	Resp:	10351
Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.9	80.7
134	32.3	13.6	40.8



#90
Hexachloroethane
Concen: 0.277 ug/l
RT: 14.210 min Scan# 2078
Delta R.T. 0.006 min
Lab File: VN072543.D
Acq: 18 May 2022 15:30

Tgt Ion:	117	Resp:	553
Ion	Ratio	Lower	Upper
117	100		
201	57.0	40.6	122.0





#91

1,2-Dichlorobenzene

Concen: 0.795 ug/l

RT: 13.986 min Scan# 2040

Delta R.T. 0.000 min

Lab File: VN072543.D

Acq: 18 May 2022 15:30

Instrument :

MSVOA_N

ClientSampleId :

IBLK

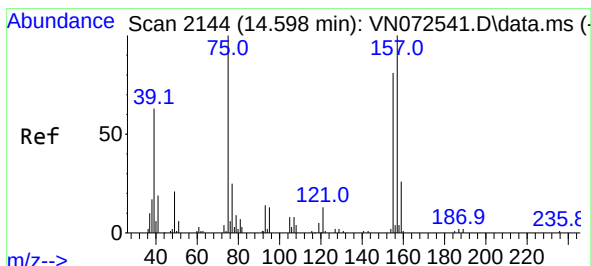
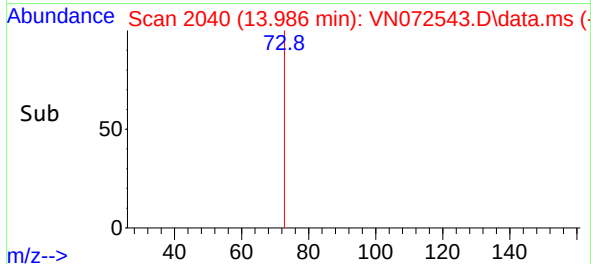
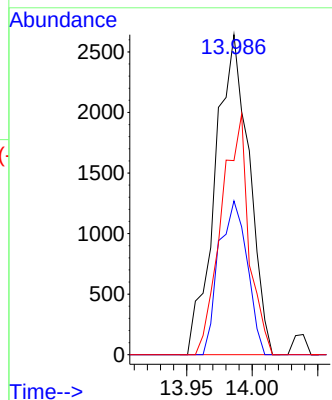
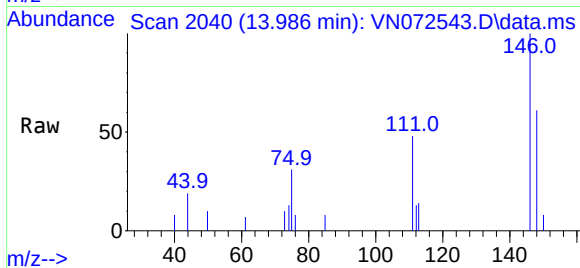
Tgt Ion:146 Resp: 4753

Ion Ratio Lower Upper

146 100

111 40.1 20.9 62.8

148 61.0 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.155 ug/l

RT: 14.592 min Scan# 2143

Delta R.T. -0.006 min

Lab File: VN072543.D

Acq: 18 May 2022 15:30

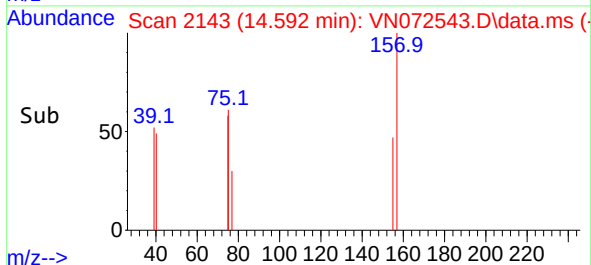
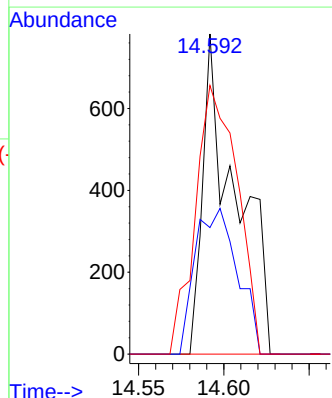
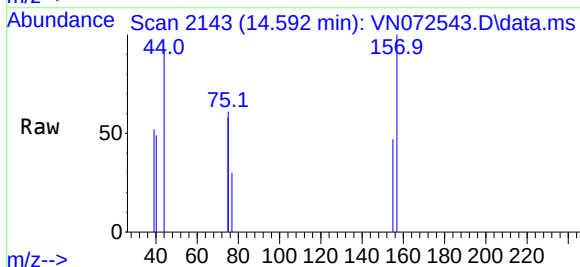
Tgt Ion: 75 Resp: 1051

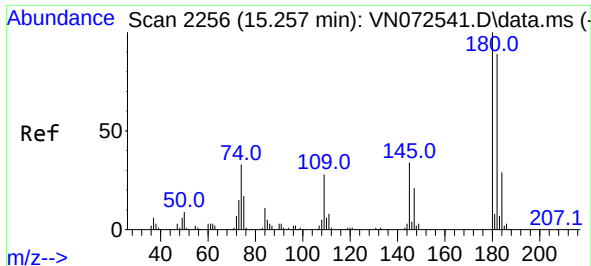
Ion Ratio Lower Upper

75 100

155 58.8 44.9 134.5

157 107.2 59.0 176.8

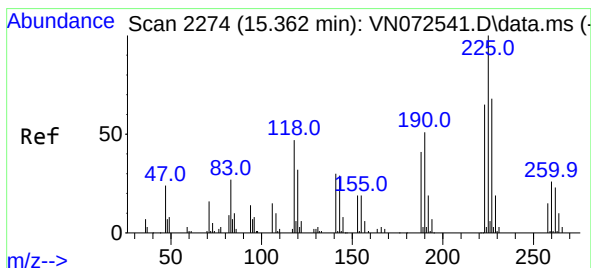
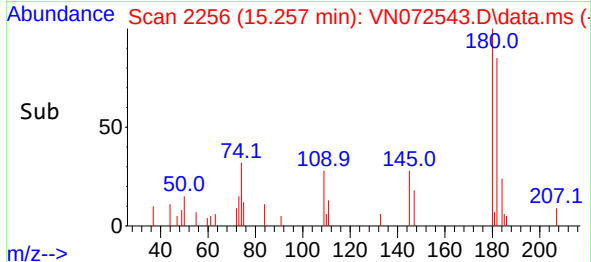
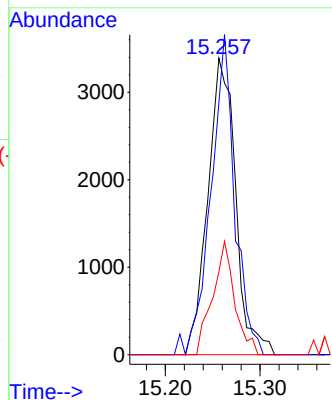
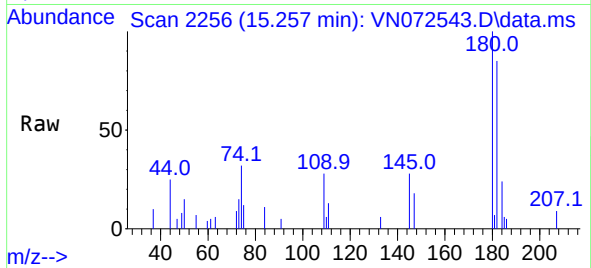




#93
1,2,4-Trichlorobenzene
Concen: 2.650 ug/l
RT: 15.257 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN072543.D
Acq: 18 May 2022 15:30

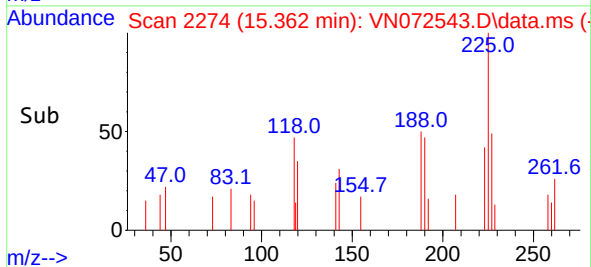
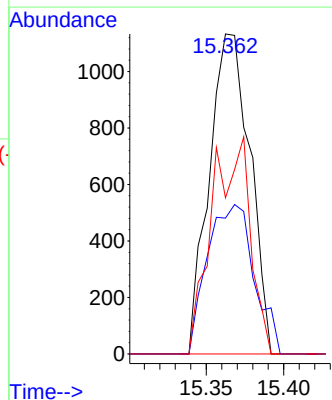
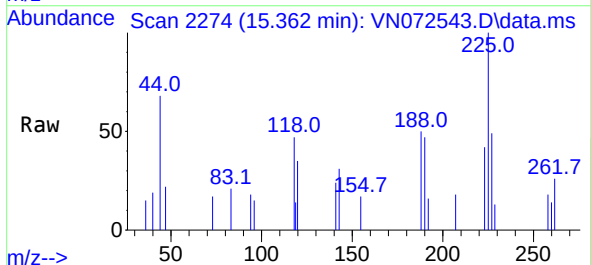
Instrument :
MSVOA_N
ClientSampleId :
IBLK

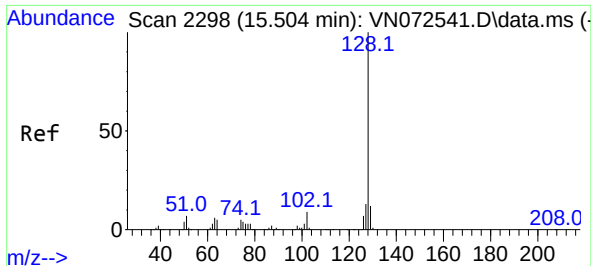
Tgt Ion:180	Resp:	6921
Ion	Ratio	Lower Upper
180	100	
182	92.5	47.5 142.5
145	30.2	14.5 43.5



#94
Hexachlorobutadiene
Concen: 1.261 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN072543.D
Acq: 18 May 2022 15:30

Tgt Ion:225	Resp:	2068
Ion	Ratio	Lower Upper
225	100	
223	53.5	32.4 97.2
227	63.6	31.8 95.4

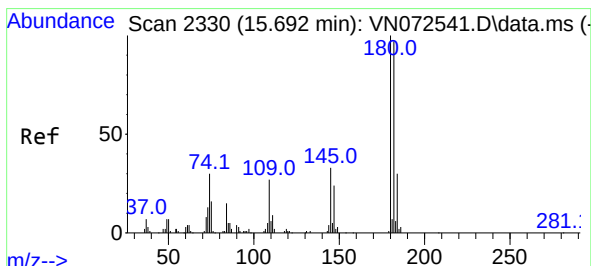
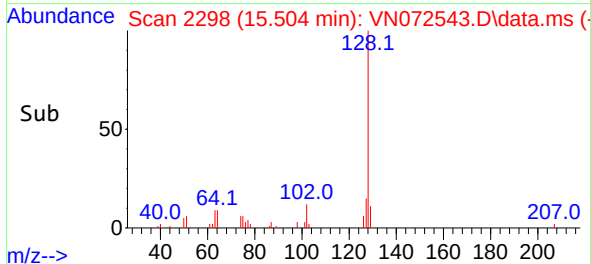
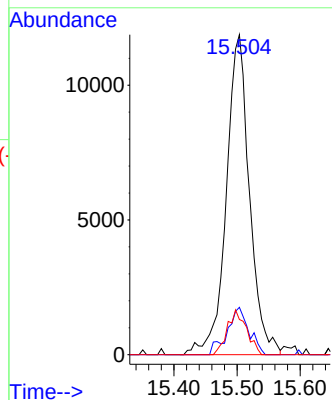
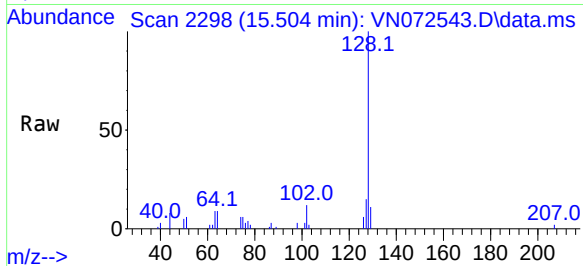




#95
Naphthalene
Concen: 4.010 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VN072543.D
Acq: 18 May 2022 15:30

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:	128	Resp:	30348
Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.3	15.5
129	11.5	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 3.625 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN072543.D
Acq: 18 May 2022 15:30

Tgt Ion:	180	Resp:	9766
Ion	Ratio	Lower	Upper
180	100		
182	93.2	47.8	143.3
145	35.0	15.5	46.5

