

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032822\
 Data File : VN071620.D
 Acq On : 28 Mar 2022 22:21
 Operator : JC\MD
 Sample : N2130-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-REF-4

Quant Time: Mar 29 09:51:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 29 09:32:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	739657	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1239177	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1241260	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	434756	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	425014	47.923	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.840%
35) Dibromofluoromethane	8.016	113	352199	46.278	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.560%
50) Toluene-d8	10.439	98	1537260	48.970	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.940%
62) 4-Bromofluorobenzene	12.727	95	496764	48.508	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.020%

Target Compounds				Qvalue		
10) Methyl Iodide	4.416	142	54	0.005	ug/l #	44
13) Acrolein	4.034	56	152	0.116	ug/l #	16
17) Carbon Disulfide	4.516	76	549	0.033	ug/l #	75
20) Methylene Chloride	5.098	84	371	0.046	ug/l #	62
25) 2-Butanone	7.357	43	137	0.024	ug/l #	45
29) Tetrahydrofuran	7.698	42	504	0.136	ug/l #	48
30) Chloroform	7.816	83	184	0.013	ug/l #	24
32) 1,1,1-Trichloroethane	8.087	97	84	0.007	ug/l #	1
37) Ethyl Acetate	7.357	43	137	0.011	ug/l #	67
39) Methylcyclohexane	9.451	83	57	0.004	ug/l #	19
40) Benzene	8.463	78	447	0.013	ug/l #	51
41) Methacrylonitrile	7.687	41	278	0.048	ug/l #	16
42) 1,2-Dichloroethane	8.522	62	1013	0.087	ug/l #	74
51) 4-Methyl-2-Pentanone	10.328	43	265	0.023	ug/l #	33
52) Toluene	10.504	92	307	0.014	ug/l	77
53) t-1,3-Dichloropropene	10.439	75	252	0.021	ug/l #	1
54) cis-1,3-Dichloropropene	10.439	75	252	0.019	ug/l #	1
59) 2-Hexanone	11.092	43	903	0.108	ug/l	73
65) Chlorobenzene	11.763	112	297	0.011	ug/l #	43
67) Ethyl Benzene	11.845	91	705	0.016	ug/l #	84
68) m/p-Xylenes	11.945	106	358	0.021	ug/l	82
69) o-Xylene	12.274	106	68	0.004	ug/l	98
70) Styrene	12.292	104	192	0.007	ug/l #	78
73) Isopropylbenzene	12.586	105	243	0.006	ug/l #	48
74) N-amyl acetate	12.392	43	247	0.021	ug/l #	39
75) 1,1,2,2-Tetrachloroethane	12.733	83	310	0.024	ug/l #	1
77) Bromobenzene	12.863	156	100	0.010	ug/l #	72
78) n-propylbenzene	12.910	91	795	0.019	ug/l	90
79) 2-Chlorotoluene	12.992	91	370	0.014	ug/l #	40
80) 1,3,5-Trimethylbenzene	13.051	105	276	0.009	ug/l #	60
82) 4-Chlorotoluene	13.104	91	798	0.033	ug/l #	54
83) tert-Butylbenzene	13.310	119	229	0.008	ug/l #	27
84) 1,2,4-Trimethylbenzene	13.357	105	664	0.023	ug/l	94
85) sec-Butylbenzene	13.498	105	356	0.010	ug/l #	56
86) p-Isopropyltoluene	13.610	119	503	0.017	ug/l #	76
87) 1,3-Dichlorobenzene	13.598	146	363	0.024	ug/l #	74

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Instrument :
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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Tue Mar 29 09:32:37 2022
Response via : Initial Calibration

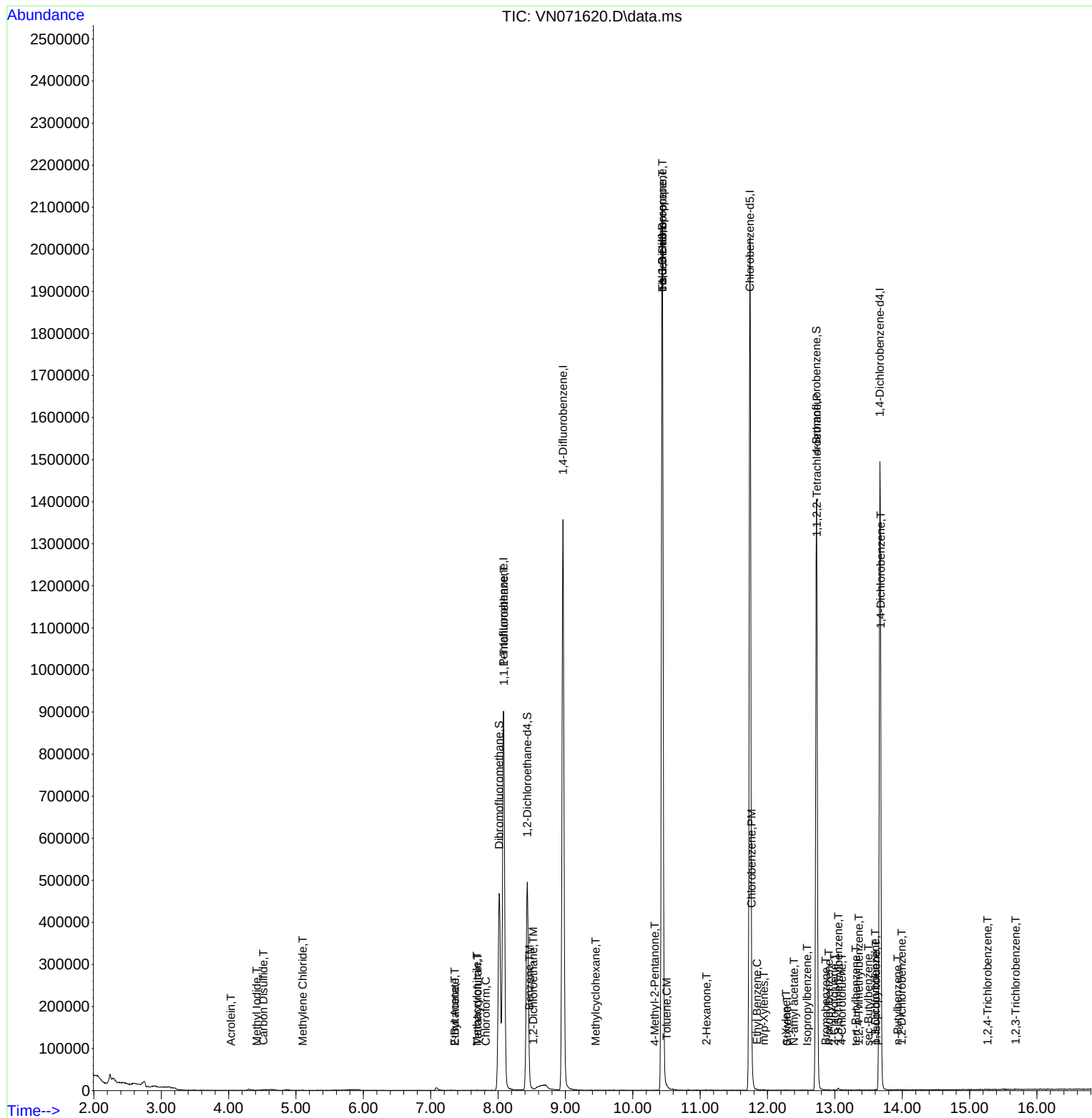
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) 1,4-Dichlorobenzene	13.680	146	601	0.039	ug/l #	1
89) n-Butylbenzene	13.933	91	892	0.041	ug/l	89
91) 1,2-Dichlorobenzene	13.992	146	332	0.022	ug/l #	70
93) 1,2,4-Trichlorobenzene	15.268	180	481	0.072	ug/l #	86
96) 1,2,3-Trichlorobenzene	15.686	180	144	0.022	ug/l #	12

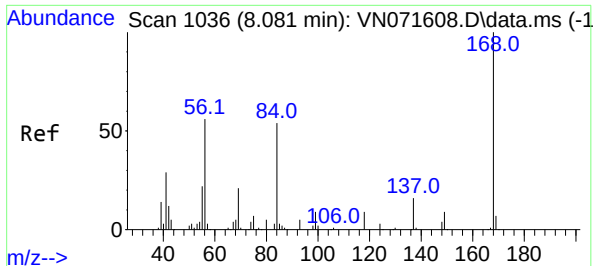
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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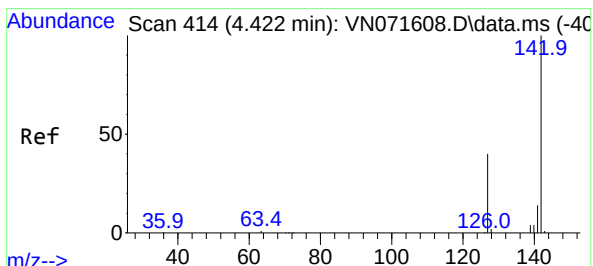
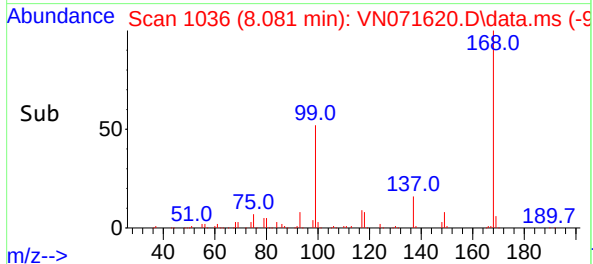
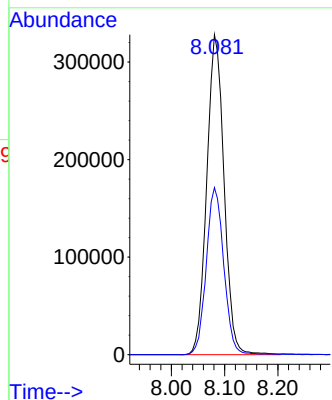
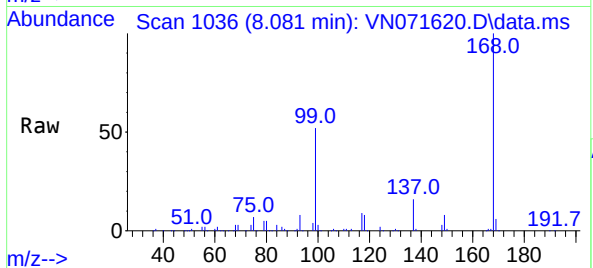




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN071620.D
Acq: 28 Mar 2022 22:21

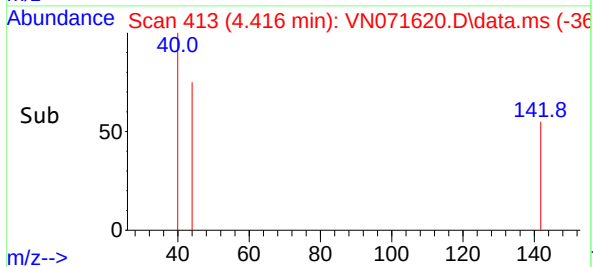
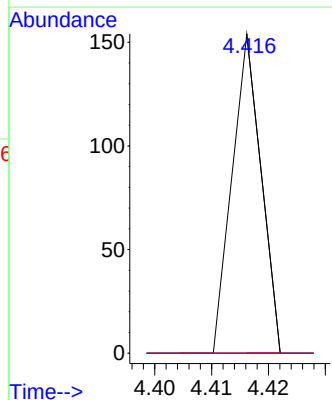
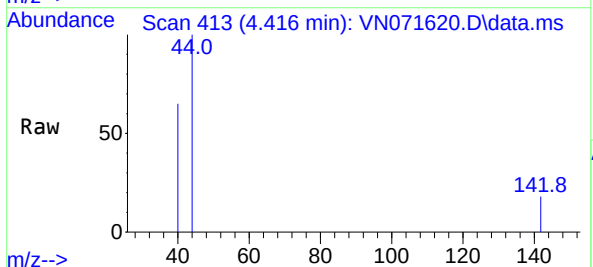
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-REF-4

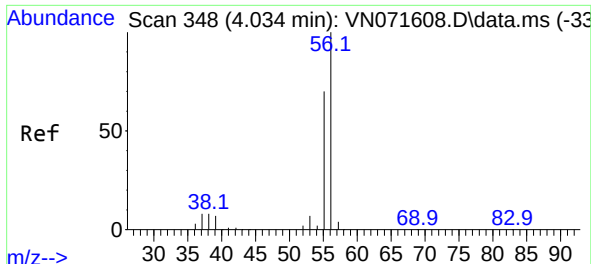
Tgt Ion:168 Resp: 739657
Ion Ratio Lower Upper
168 100
99 52.2 42.3 63.5



#10
Methyl Iodide
Concen: 0.005 ug/l
RT: 4.416 min Scan# 413
Delta R.T. -0.006 min
Lab File: VN071620.D
Acq: 28 Mar 2022 22:21

Tgt Ion:142 Resp: 54
Ion Ratio Lower Upper
142 100
127 0.0 31.3 46.9#
141 0.0 11.2 16.8#

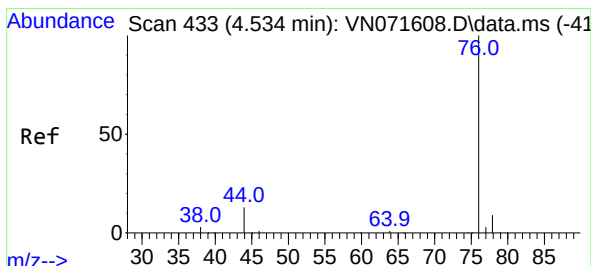
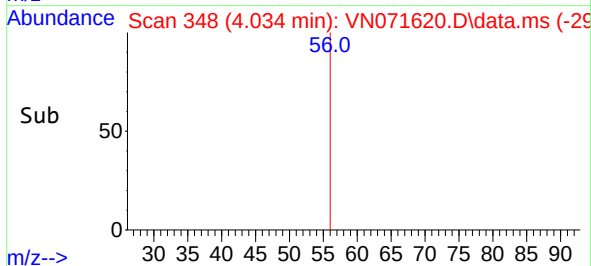
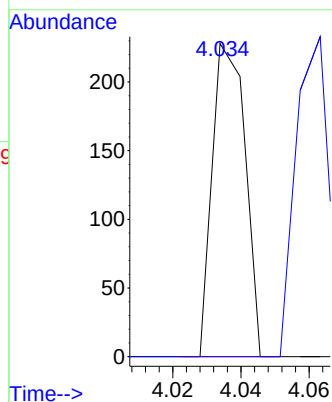
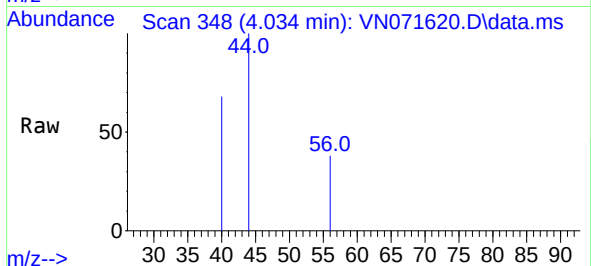




#13
Acrolein
Concen: 0.116 ug/l
RT: 4.034 min Scan# 34
Delta R.T. 0.000 min
Lab File: VN071620.D
Acq: 28 Mar 2022 22:21

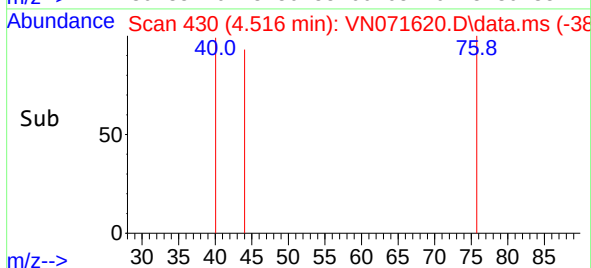
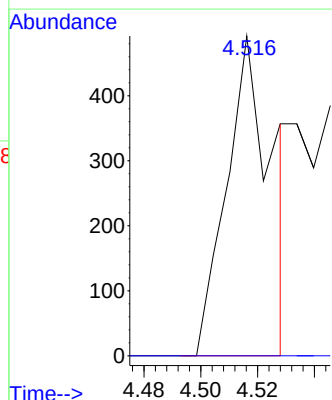
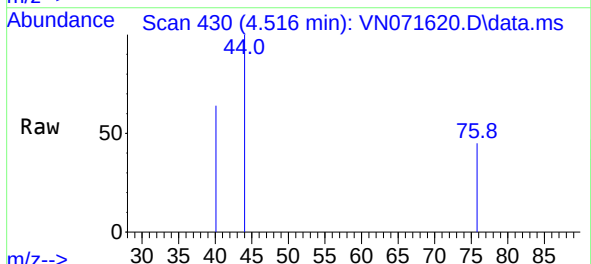
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-REF-4

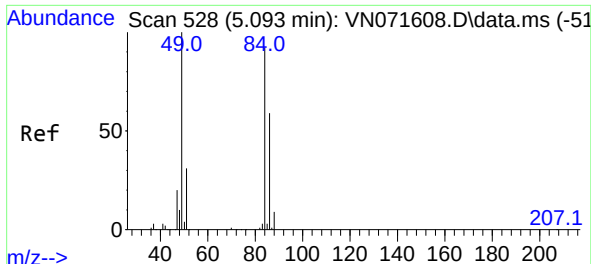
Tgt Ion: 56 Resp: 152
Ion Ratio Lower Upper
56 100
55 0.0 54.8 82.2#



#17
Carbon Disulfide
Concen: 0.033 ug/l
RT: 4.516 min Scan# 430
Delta R.T. -0.018 min
Lab File: VN071620.D
Acq: 28 Mar 2022 22:21

Tgt Ion: 76 Resp: 549
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#20

Methylene Chloride

Concen: 0.046 ug/l

RT: 5.098 min Scan# 51

Delta R.T. 0.005 min

Lab File: VN071620.D

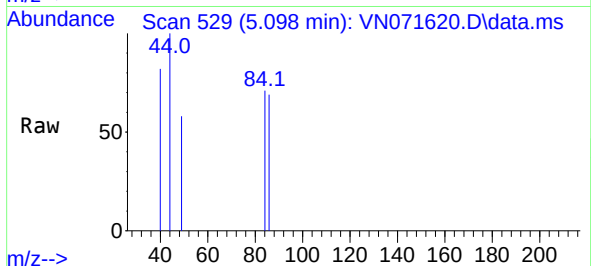
Acq: 28 Mar 2022 22:21

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-REF-4



Tgt Ion: 84 Resp: 371

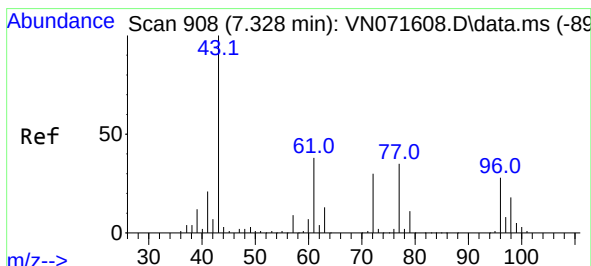
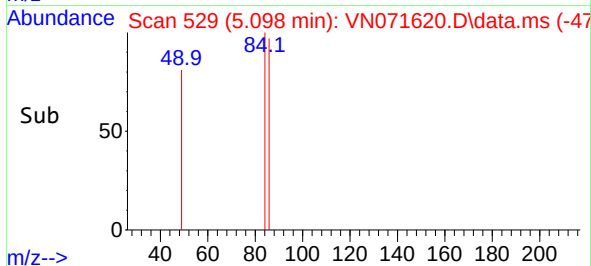
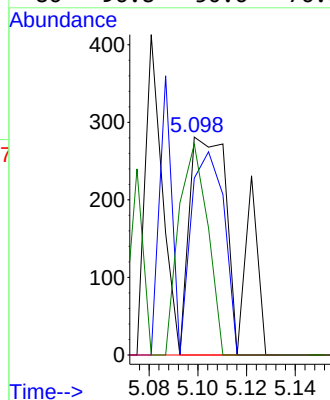
Ion Ratio Lower Upper

84 100

49 81.1 88.3 132.5#

51 0.0 28.2 42.2#

86 96.8 50.6 76.0#



#25

2-Butanone

Concen: 0.024 ug/l

RT: 7.357 min Scan# 913

Delta R.T. 0.030 min

Lab File: VN071620.D

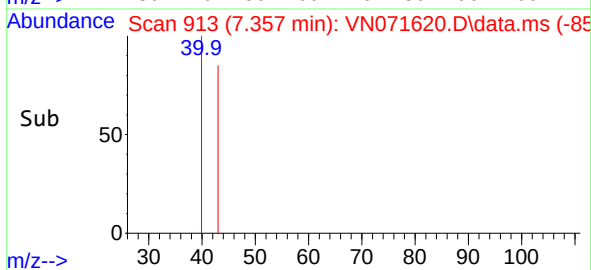
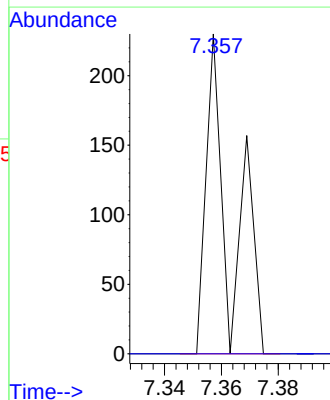
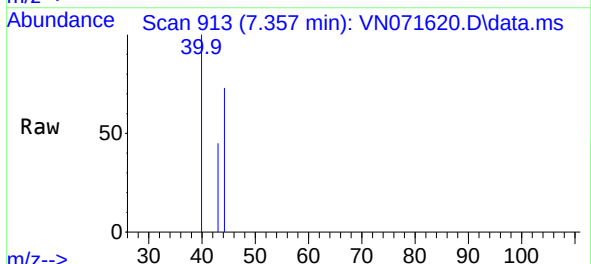
Acq: 28 Mar 2022 22:21

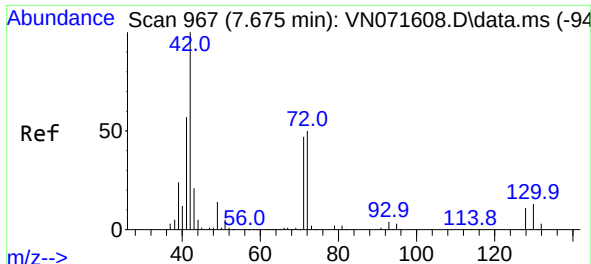
Tgt Ion: 43 Resp: 137

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#

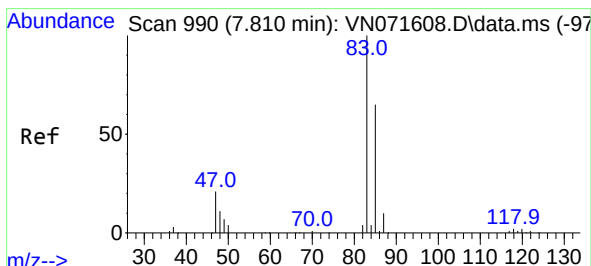
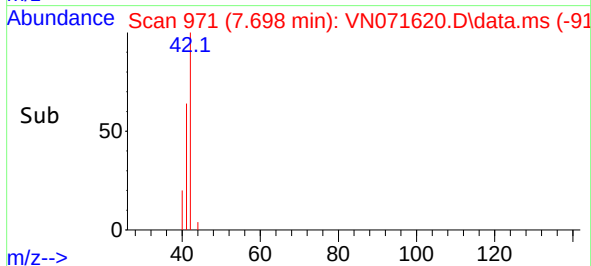
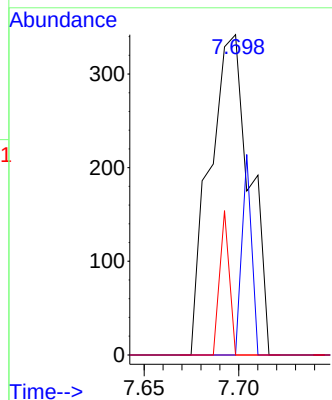
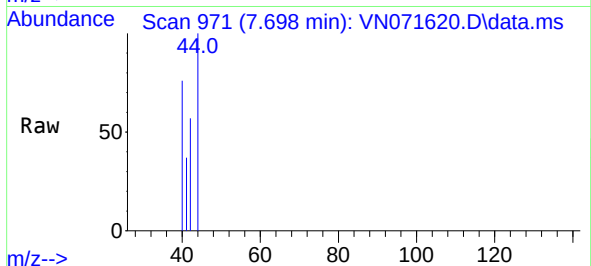




#29
Tetrahydrofuran
Concen: 0.136 ug/l
RT: 7.698 min Scan# 91
Delta R.T. 0.024 min
Lab File: VN071620.D
Acq: 28 Mar 2022 22:21

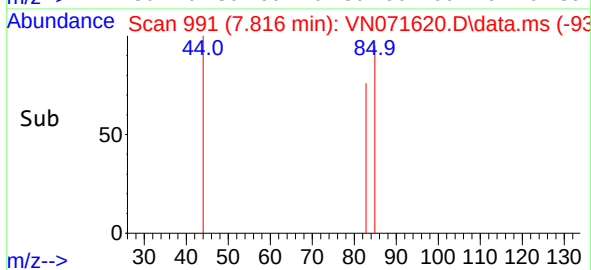
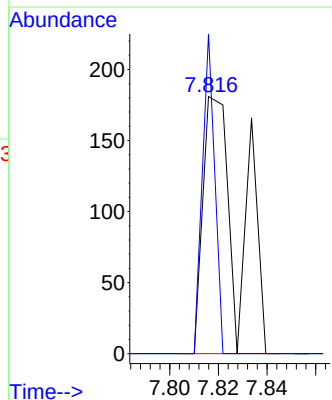
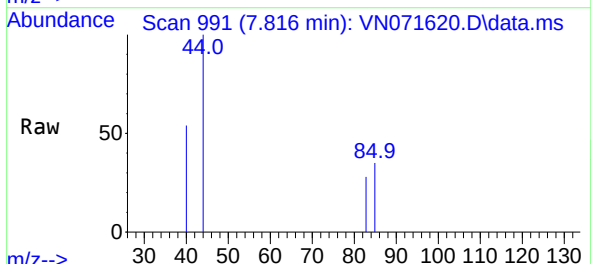
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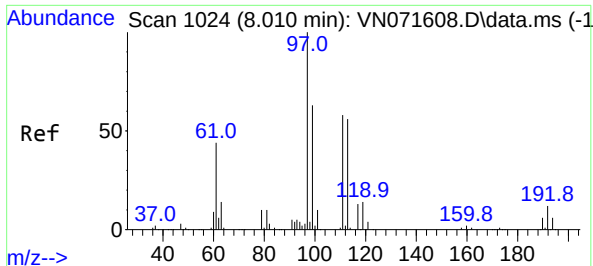
Tgt Ion: 42 Resp: 504
Ion Ratio Lower Upper
42 100
72 15.1 39.7 59.5#
71 10.7 36.6 55.0#



#30
Chloroform
Concen: 0.013 ug/l
RT: 7.816 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN071620.D
Acq: 28 Mar 2022 22:21

Tgt Ion: 83 Resp: 184
Ion Ratio Lower Upper
83 100
85 124.3 51.8 77.8#

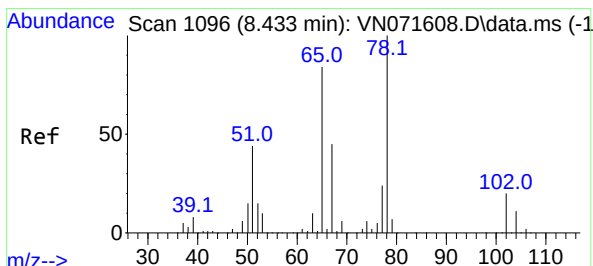
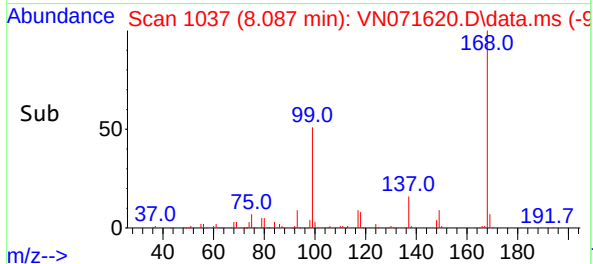
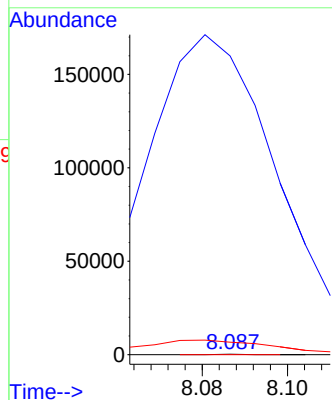
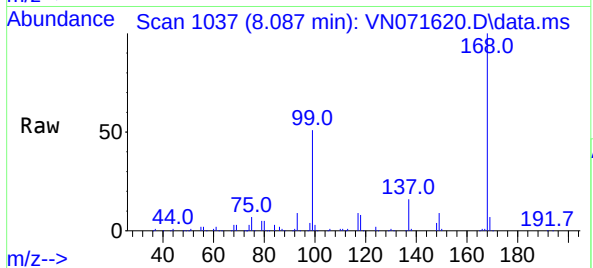




#32
1,1,1-Trichloroethane
Concen: 0.007 ug/l
RT: 8.087 min Scan# 1037
Delta R.T. 0.077 min
Lab File: VN071620.D
Acq: 28 Mar 2022 22:21

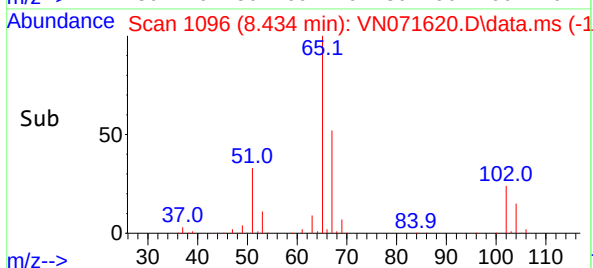
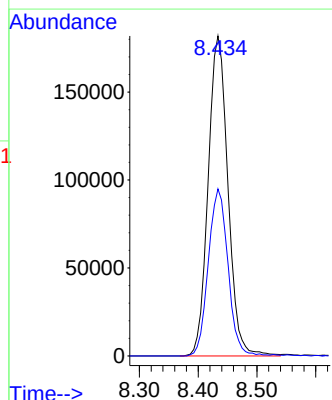
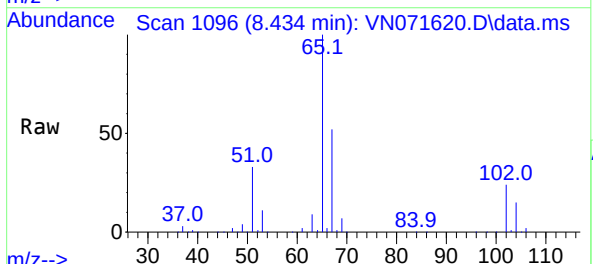
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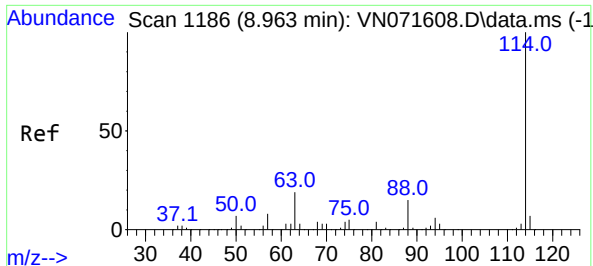
Tgt Ion: 97 Resp: 84
Ion Ratio Lower Upper
97 100
99 465804.8 50.6 76.0#
61 21145.2 36.0 54.0#



#33
1,2-Dichloroethane-d4
Concen: 47.923 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VN071620.D
Acq: 28 Mar 2022 22:21

Tgt Ion: 65 Resp: 425014
Ion Ratio Lower Upper
65 100
67 51.8 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: VN071620.D

Acq: 28 Mar 2022 22:21

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-REF-4

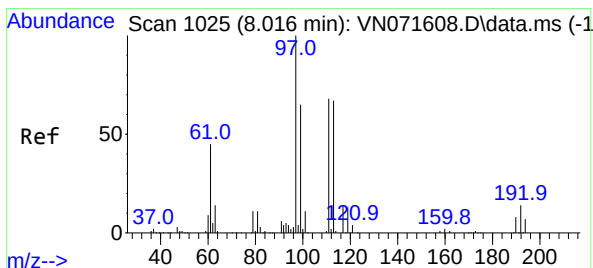
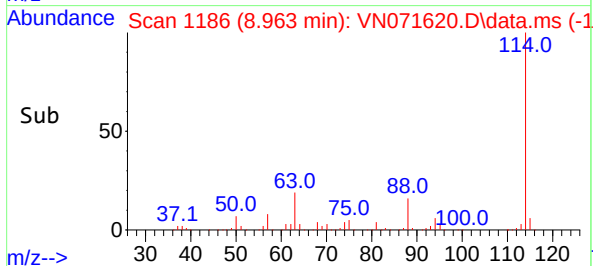
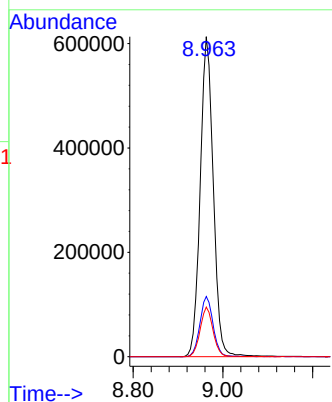
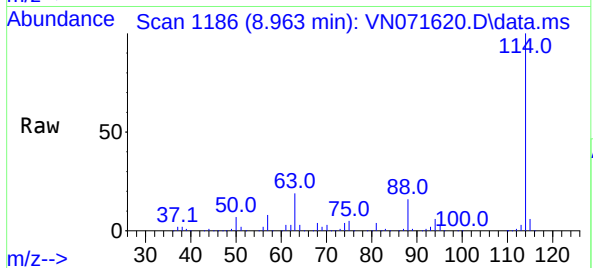
Tgt Ion:114 Resp: 1239177

Ion Ratio Lower Upper

114 100

63 18.8 0.0 40.0

88 15.5 0.0 32.6



#35

Dibromofluoromethane

Concen: 46.278 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. 0.000 min

Lab File: VN071620.D

Acq: 28 Mar 2022 22:21

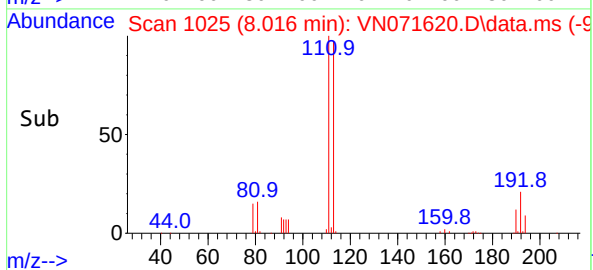
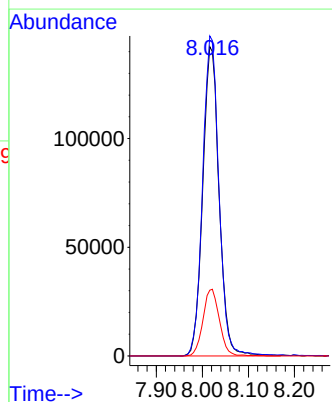
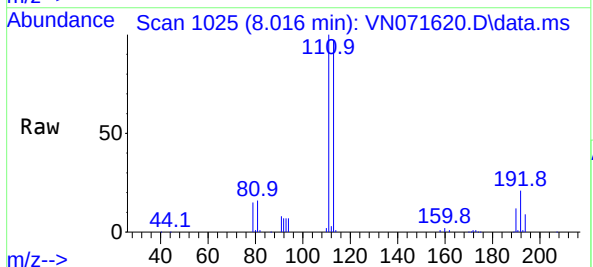
Tgt Ion:113 Resp: 352199

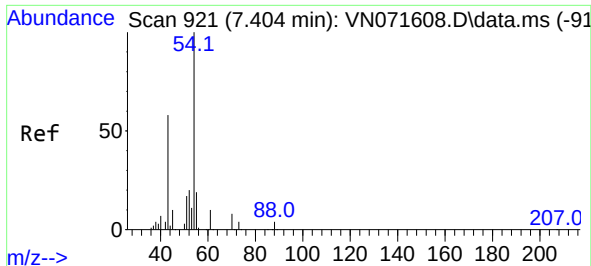
Ion Ratio Lower Upper

113 100

111 102.9 81.4 122.0

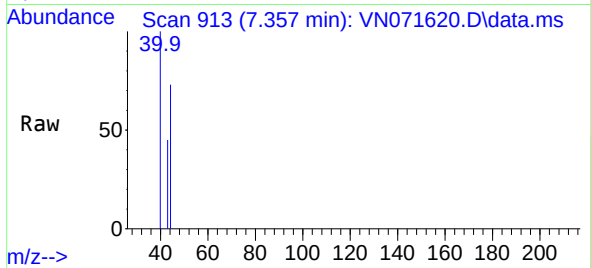
192 21.7 17.0 25.6



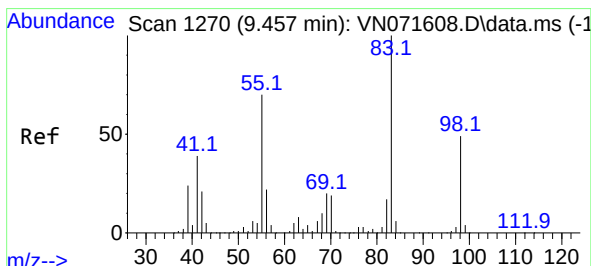
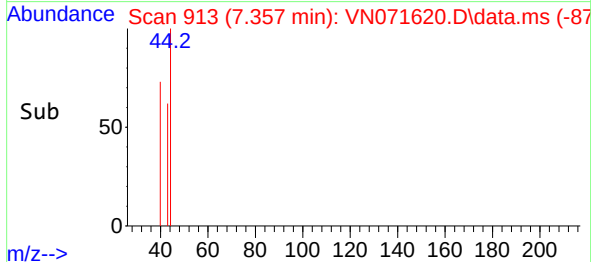
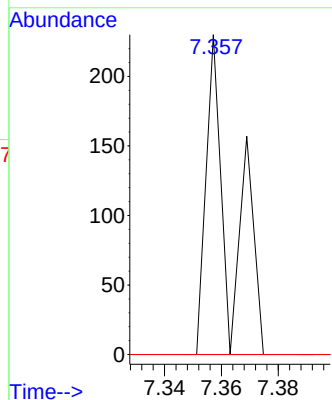


#37
Ethyl Acetate
Concen: 0.011 ug/l
RT: 7.357 min Scan# 91
Delta R.T. -0.047 min
Lab File: VN071620.D
Acq: 28 Mar 2022 22:21

Instrument :
MSVOA_N
ClientSampleId :
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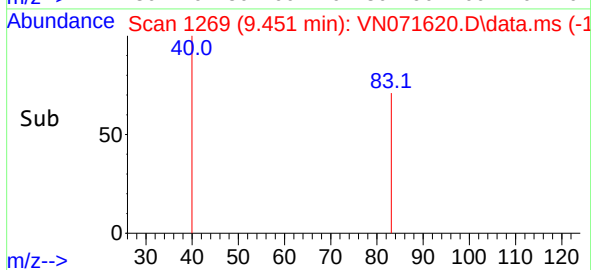
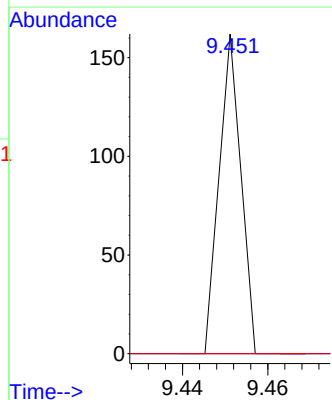
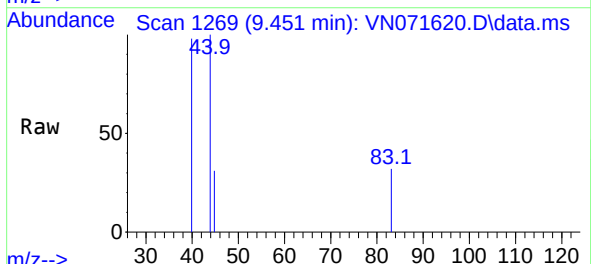


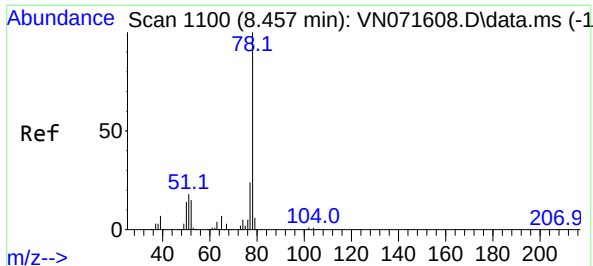
Tgt Ion: 43 Resp: 137
Ion Ratio Lower Upper
43 100
61 0.0 11.8 17.6#
70 0.0 9.3 13.9#



#39
Methylcyclohexane
Concen: 0.004 ug/l
RT: 9.451 min Scan# 1269
Delta R.T. -0.006 min
Lab File: VN071620.D
Acq: 28 Mar 2022 22:21

Tgt Ion: 83 Resp: 57
Ion Ratio Lower Upper
83 100
55 0.0 57.8 86.8#
98 0.0 39.4 59.2#

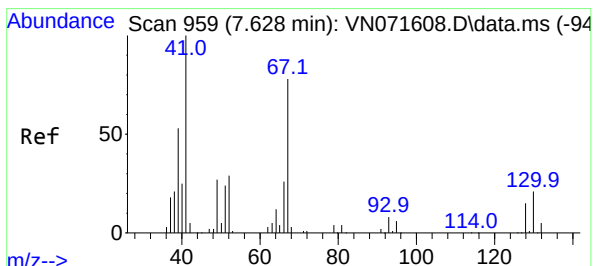
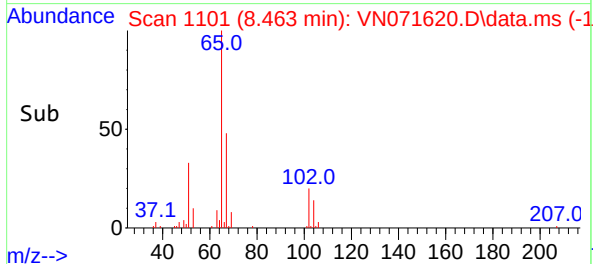
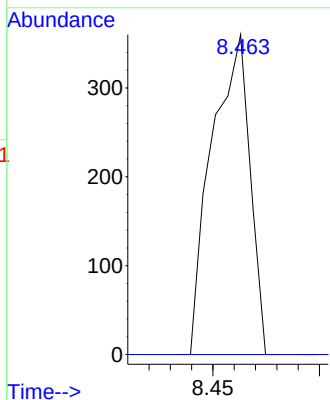
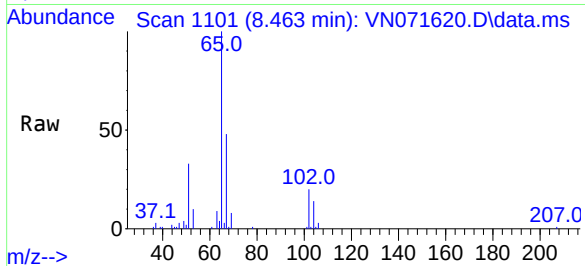




#40
Benzene
Concen: 0.013 ug/l
RT: 8.463 min Scan# 1101
Delta R.T. 0.006 min
Lab File: VN071620.D
Acq: 28 Mar 2022 22:21

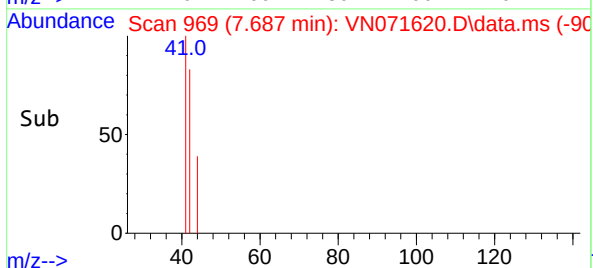
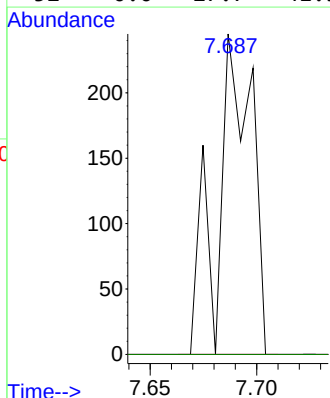
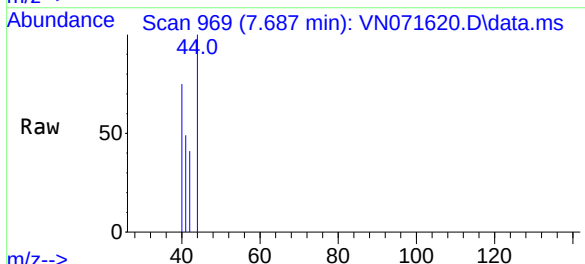
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ClientSampleId :
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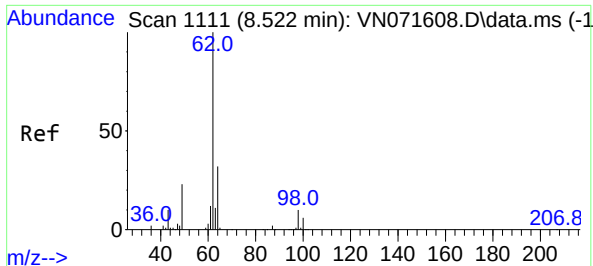
Tgt Ion: 78 Resp: 447
Ion Ratio Lower Upper
78 100
77 0.0 19.4 29.0#



#41
Methacrylonitrile
Concen: 0.048 ug/l
RT: 7.687 min Scan# 969
Delta R.T. 0.059 min
Lab File: VN071620.D
Acq: 28 Mar 2022 22:21

Tgt Ion: 41 Resp: 278
Ion Ratio Lower Upper
41 100
39 0.0 48.6 73.0#
67 0.0 73.4 110.2#
52 0.0 27.7 41.5#

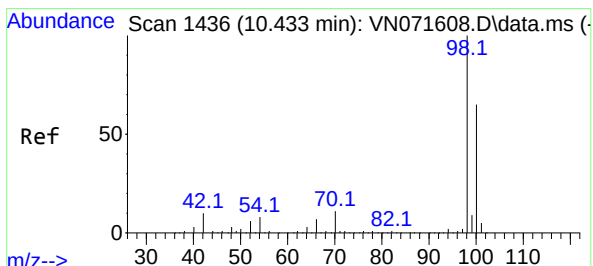
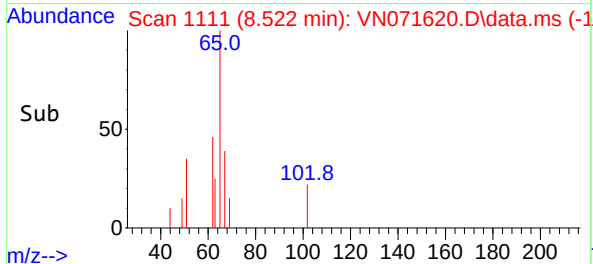
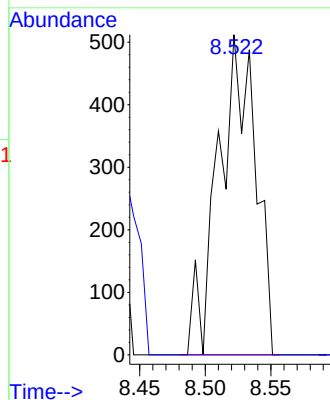
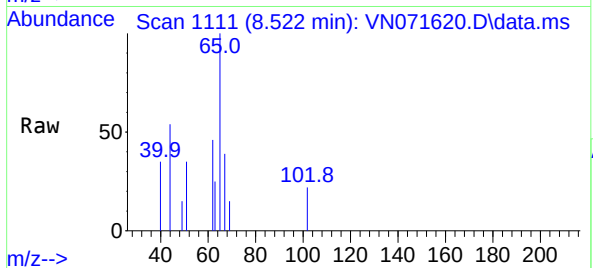




#42
1,2-Dichloroethane
Concen: 0.087 ug/l
RT: 8.522 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VN071620.D
Acq: 28 Mar 2022 22:21

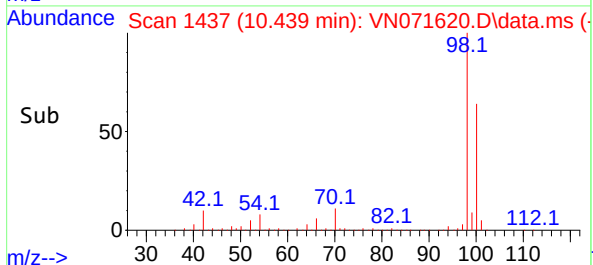
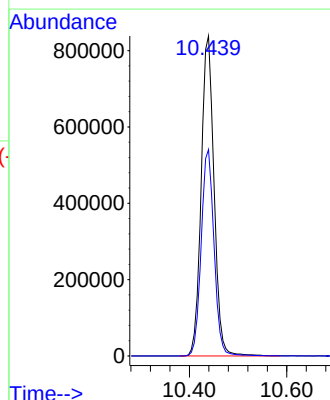
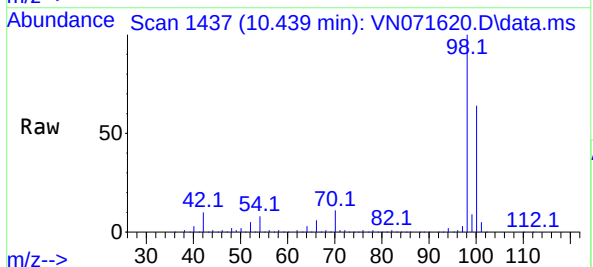
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-REF-4

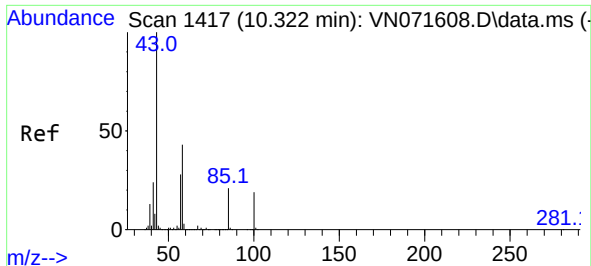
Tgt Ion: 62 Resp: 1013
Ion Ratio Lower Upper
62 100
98 0.0 0.0 19.4



#50
Toluene-d8
Concen: 48.970 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.006 min
Lab File: VN071620.D
Acq: 28 Mar 2022 22:21

Tgt Ion: 98 Resp: 1537260
Ion Ratio Lower Upper
98 100
100 64.5 52.6 78.8

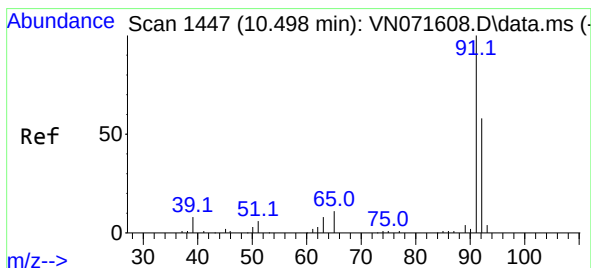
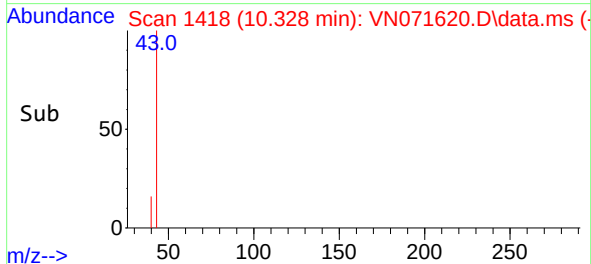
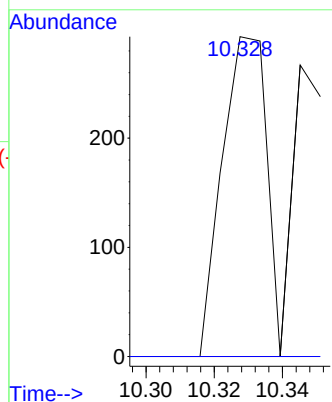
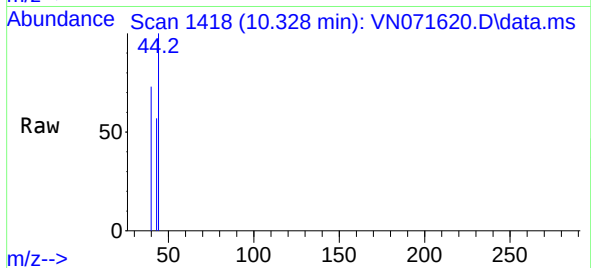




#51
4-Methyl-2-Pentanone
Concen: 0.023 ug/l
RT: 10.328 min Scan# 1417
Delta R.T. 0.006 min
Lab File: VN071620.D
Acq: 28 Mar 2022 22:21

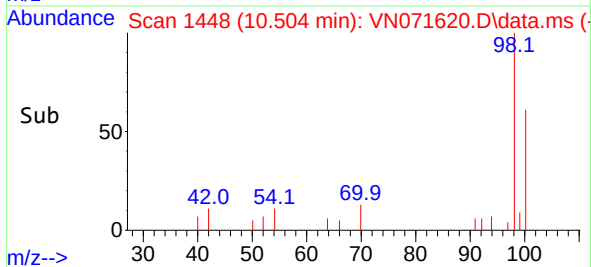
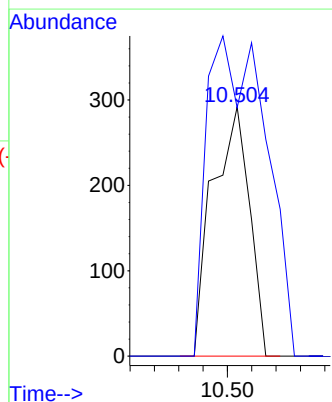
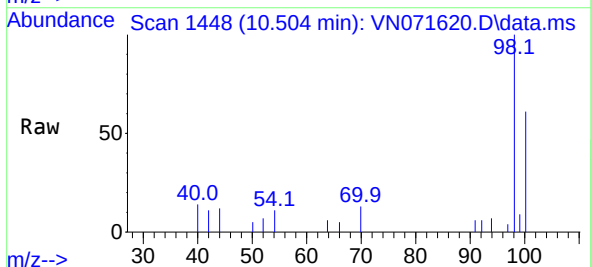
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-REF-4

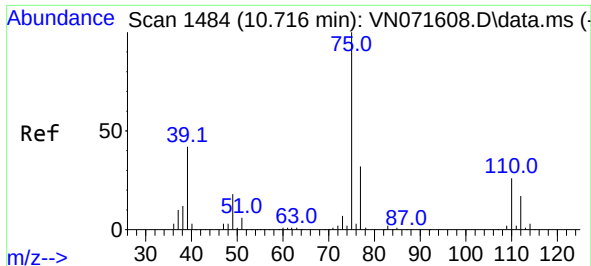
Tgt Ion: 43 Resp: 265
Ion Ratio Lower Upper
43 100
58 0.0 34.1 51.1#



#52
Toluene
Concen: 0.014 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN071620.D
Acq: 28 Mar 2022 22:21

Tgt Ion: 92 Resp: 307
Ion Ratio Lower Upper
92 100
91 205.5 138.6 207.8

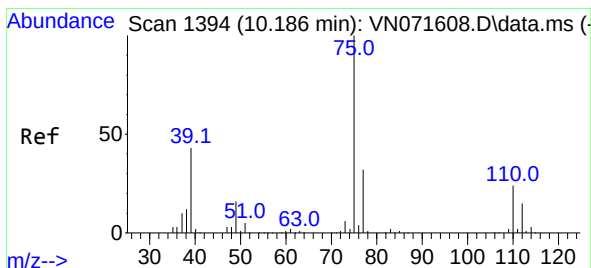
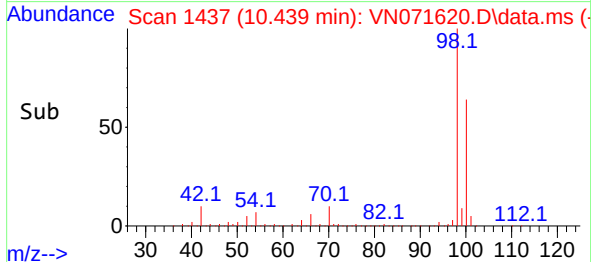
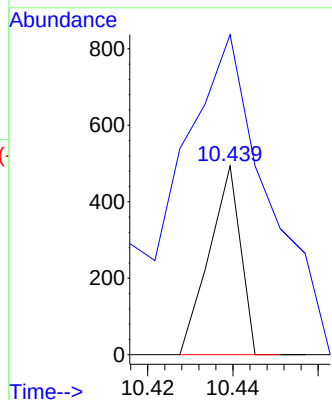
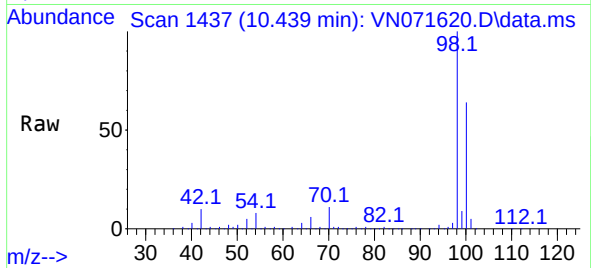




#53
t-1,3-Dichloropropene
Concen: 0.021 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.276 min
Lab File: VN071620.D
Acq: 28 Mar 2022 22:21

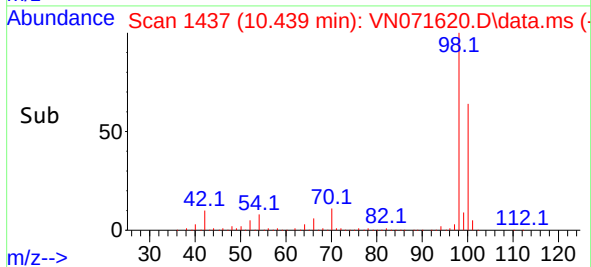
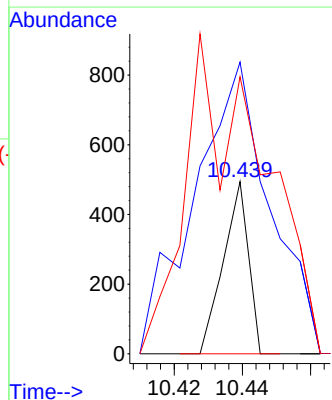
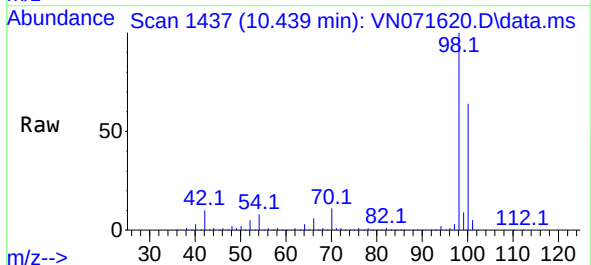
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-REF-4

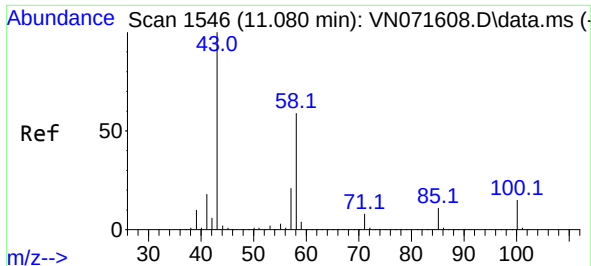
Tgt Ion: 75 Resp: 252
Ion Ratio Lower Upper
75 100
77 102.6 25.6 38.4#



#54
cis-1,3-Dichloropropene
Concen: 0.019 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.253 min
Lab File: VN071620.D
Acq: 28 Mar 2022 22:21

Tgt Ion: 75 Resp: 252
Ion Ratio Lower Upper
75 100
77 119.6 25.2 37.8#
39 98.0 35.7 53.5#

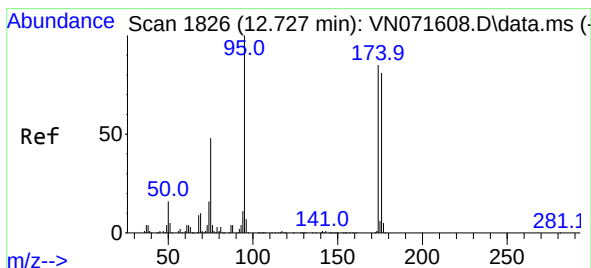
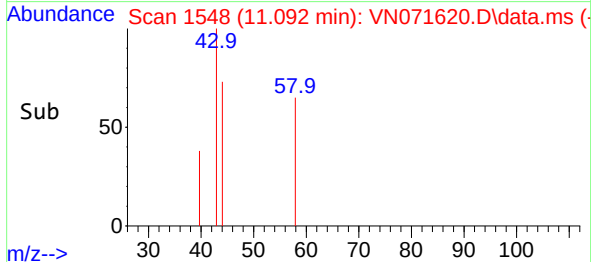
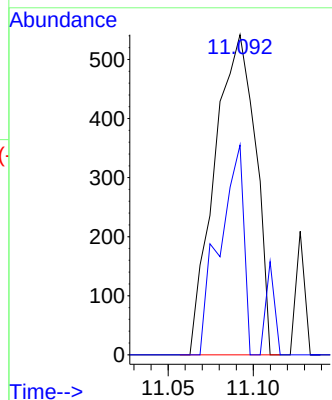
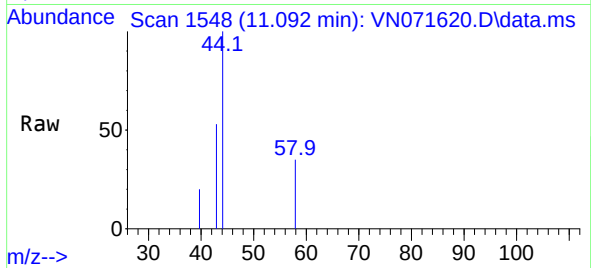




#59
2-Hexanone
Concen: 0.108 ug/l
RT: 11.092 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN071620.D
Acq: 28 Mar 2022 22:21

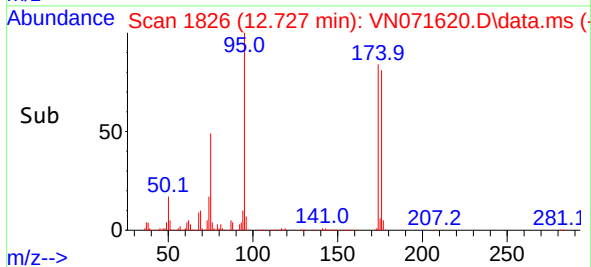
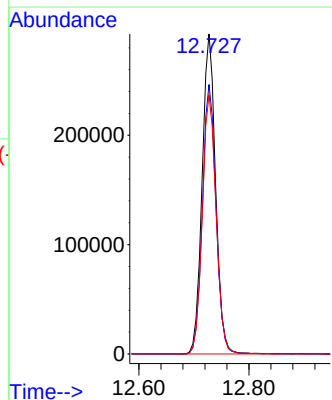
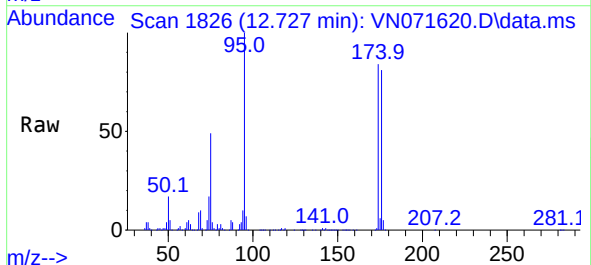
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-REF-4

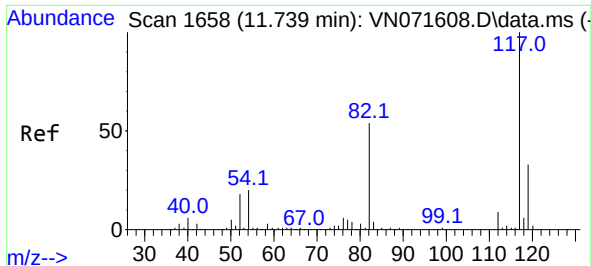
Tgt Ion: 43 Resp: 903
Ion Ratio Lower Upper
43 100
58 38.9 29.7 89.1



#62
4-Bromofluorobenzene
Concen: 48.508 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071620.D
Acq: 28 Mar 2022 22:21

Tgt Ion: 95 Resp: 496764
Ion Ratio Lower Upper
95 100
174 85.2 0.0 167.6
176 82.6 0.0 163.4

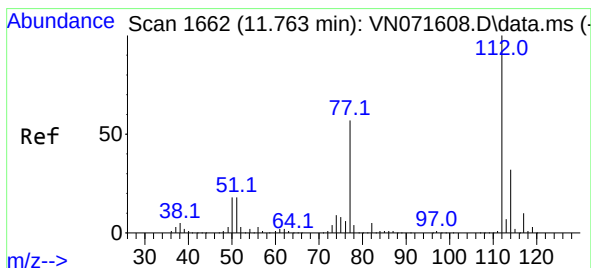
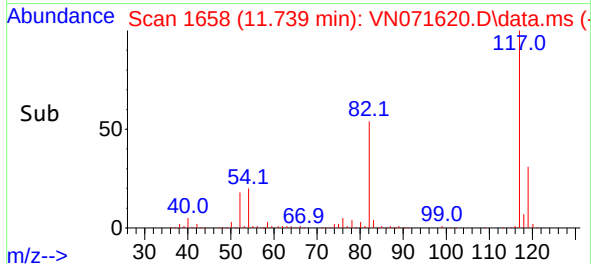
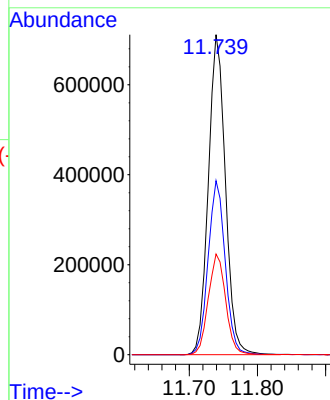
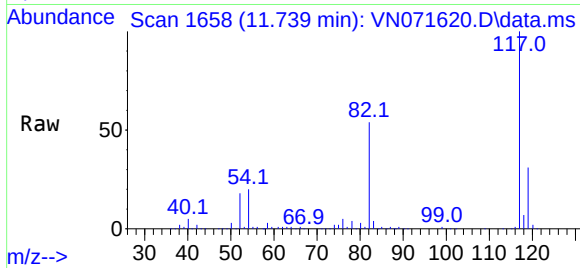




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN071620.D
Acq: 28 Mar 2022 22:21

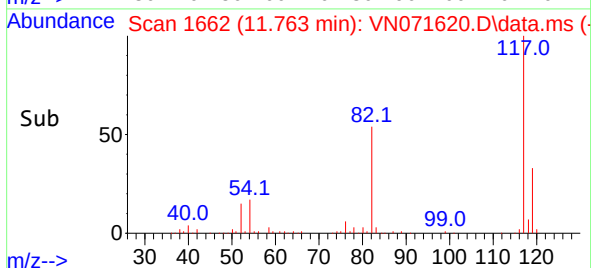
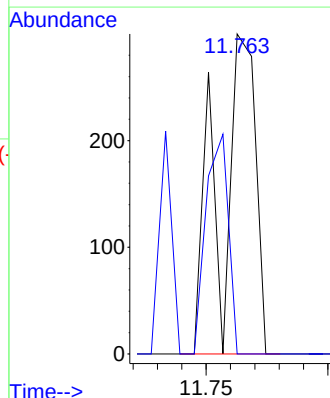
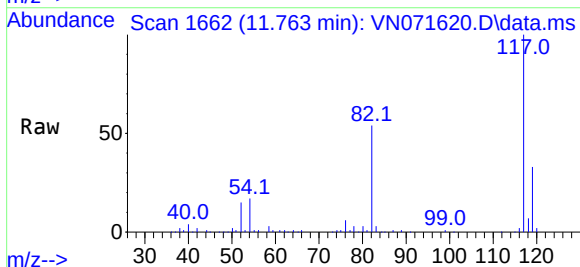
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-REF-4

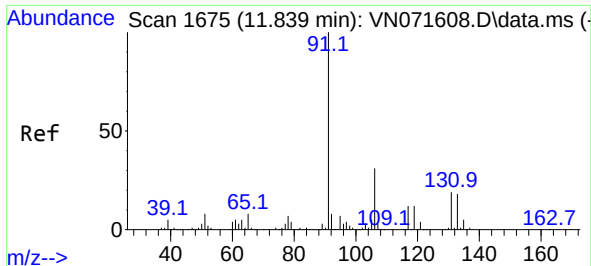
Tgt Ion:117 Resp: 1241260
Ion Ratio Lower Upper
117 100
82 54.4 44.2 66.2
119 31.5 25.4 38.0



#65
Chlorobenzene
Concen: 0.011 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VN071620.D
Acq: 28 Mar 2022 22:21

Tgt Ion:112 Resp: 297
Ion Ratio Lower Upper
112 100
114 0.0 25.4 38.2#





#67

Ethyl Benzene

Concen: 0.016 ug/l

RT: 11.845 min Scan# 1675

Delta R.T. 0.006 min

Lab File: VN071620.D

Acq: 28 Mar 2022 22:21

Instrument :

MSVOA_N

ClientSampleId :

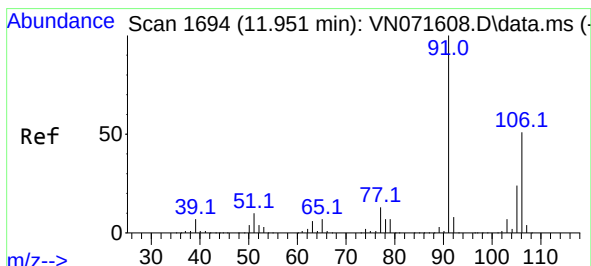
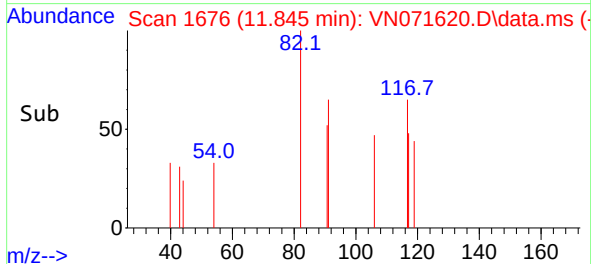
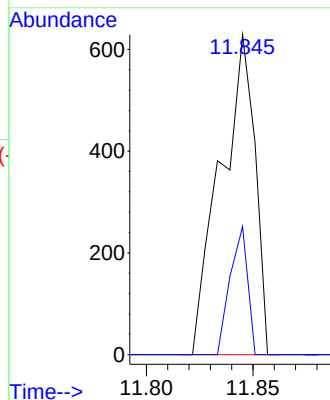
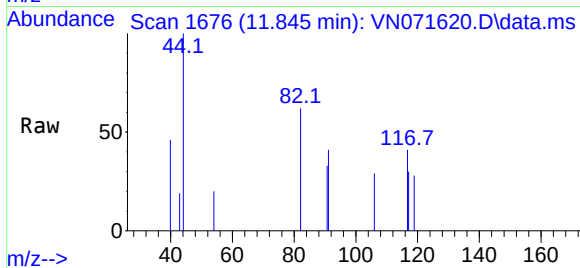
STORAGE-BLANK-REF-4

Tgt Ion: 91 Resp: 705

Ion Ratio Lower Upper

91 100

106 40.1 24.9 37.3#



#68

m/p-Xylenes

Concen: 0.021 ug/l

RT: 11.945 min Scan# 1693

Delta R.T. -0.006 min

Lab File: VN071620.D

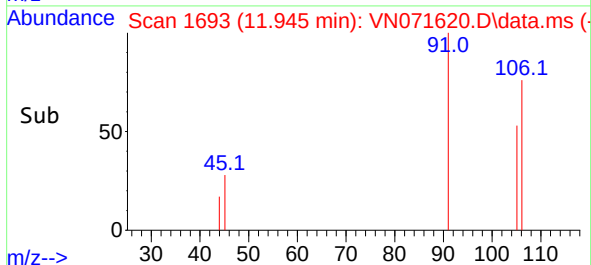
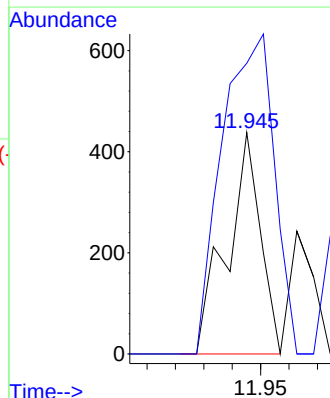
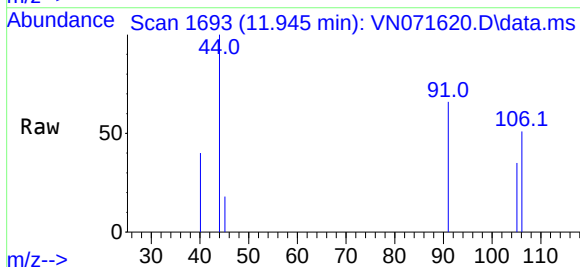
Acq: 28 Mar 2022 22:21

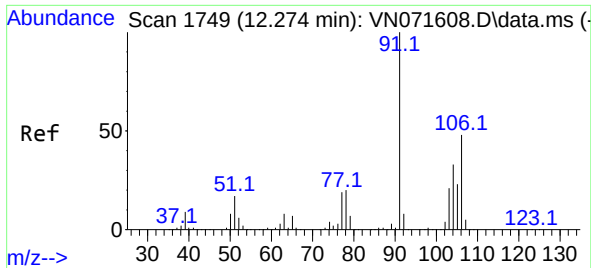
Tgt Ion: 106 Resp: 358

Ion Ratio Lower Upper

106 100

91 225.7 158.9 238.3

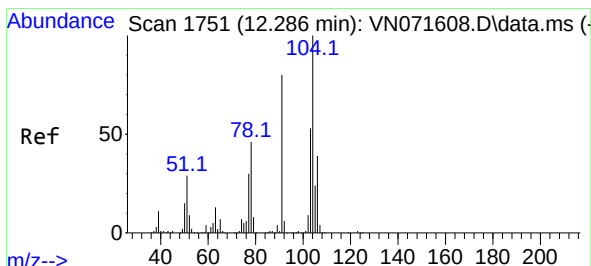
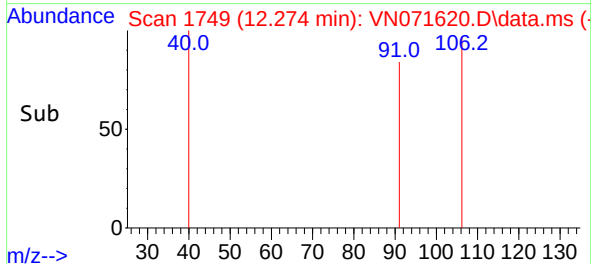
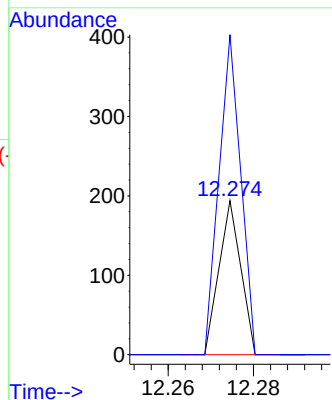
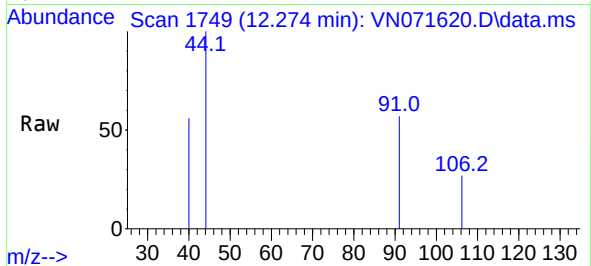




#69
o-Xylene
Concen: 0.004 ug/l
RT: 12.274 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN071620.D
Acq: 28 Mar 2022 22:21

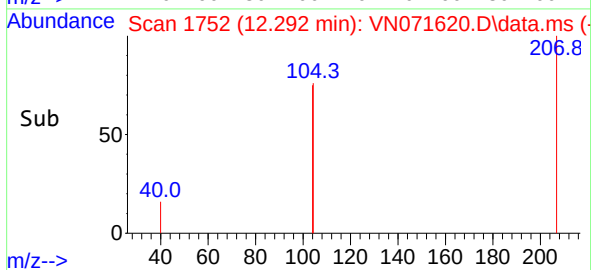
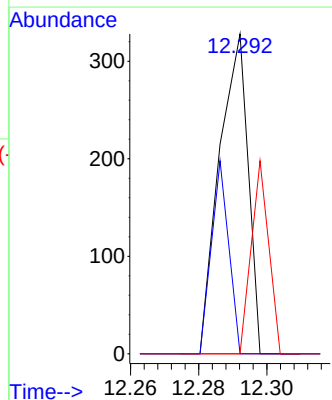
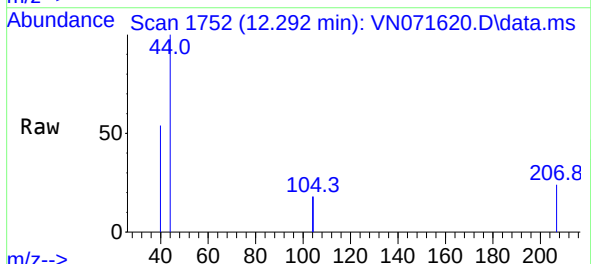
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-REF-4

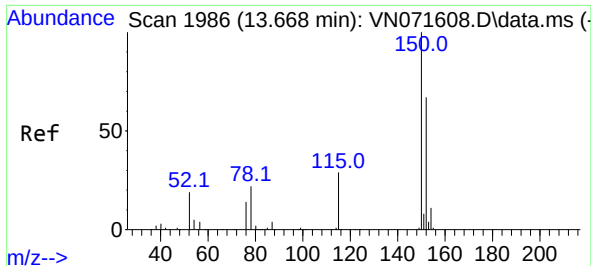
Tgt Ion:106 Resp: 68
Ion Ratio Lower Upper
106 100
91 208.8 106.0 318.0



#70
Styrene
Concen: 0.007 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VN071620.D
Acq: 28 Mar 2022 22:21

Tgt Ion:104 Resp: 192
Ion Ratio Lower Upper
104 100
78 36.5 39.5 59.3#
103 36.5 44.0 66.0#

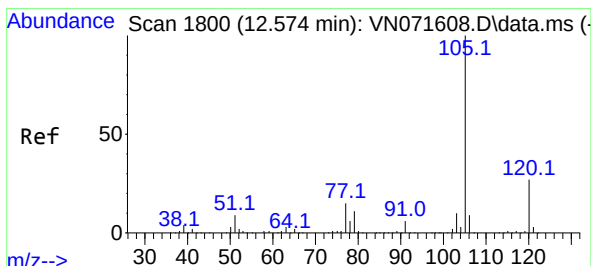
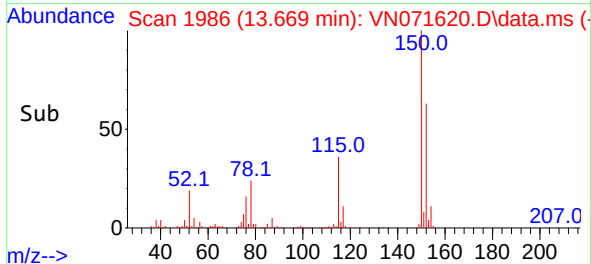
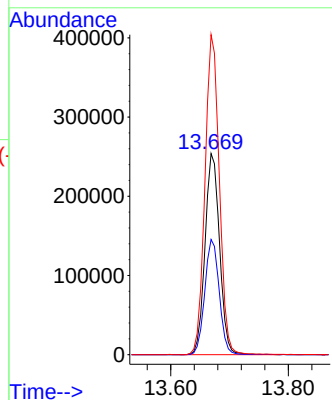
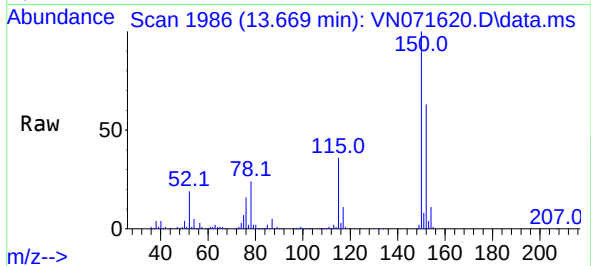




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071620.D
Acq: 28 Mar 2022 22:21

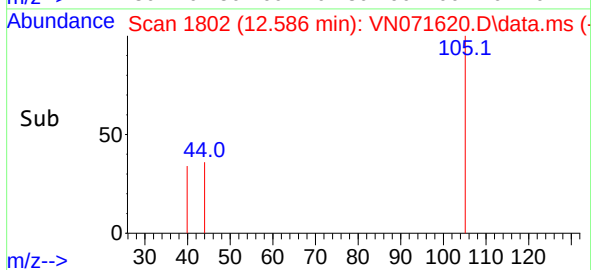
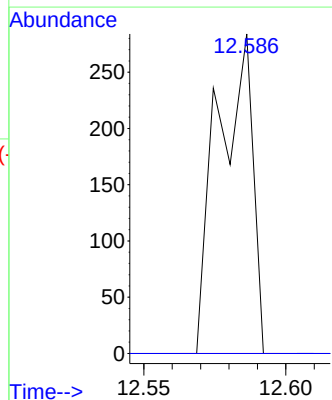
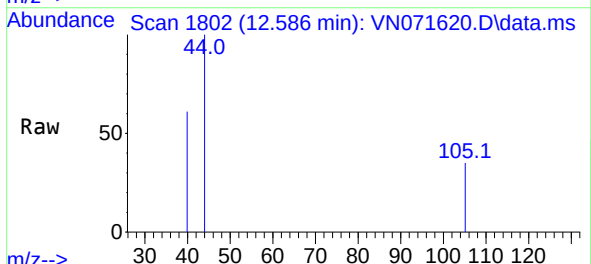
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-REF-4

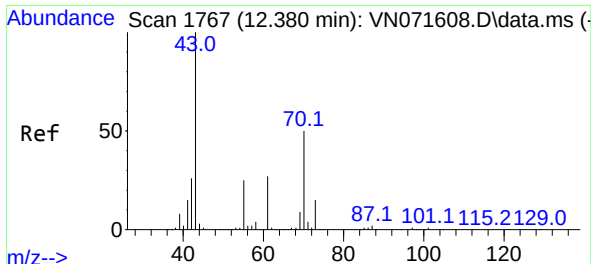
Tgt Ion:152 Resp: 434756
Ion Ratio Lower Upper
152 100
115 57.0 28.9 86.7
150 157.5 0.0 356.2



#73
Isopropylbenzene
Concen: 0.006 ug/l
RT: 12.586 min Scan# 1802
Delta R.T. 0.012 min
Lab File: VN071620.D
Acq: 28 Mar 2022 22:21

Tgt Ion:105 Resp: 243
Ion Ratio Lower Upper
105 100
120 0.0 13.5 40.4#

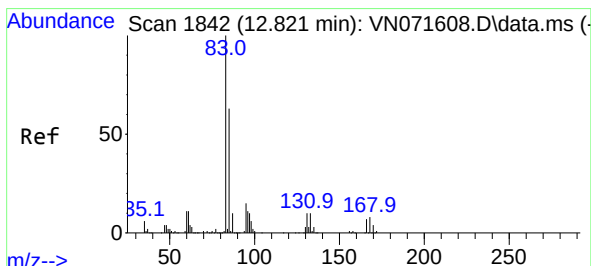
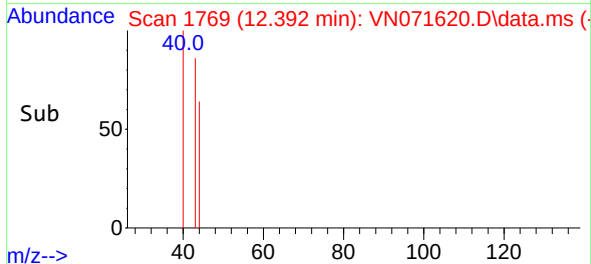
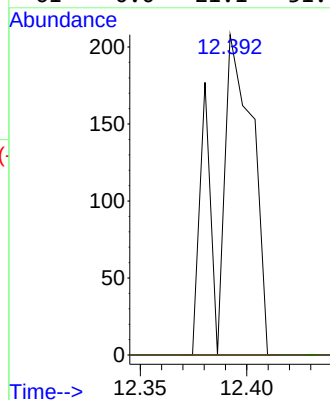
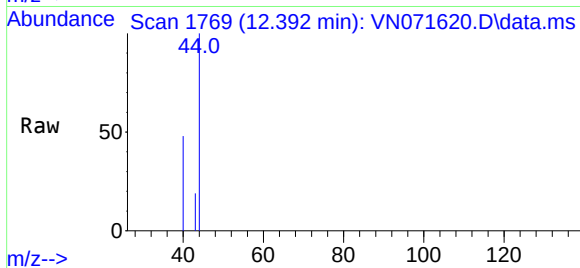




#74
N-amy1 acetate
Concen: 0.021 ug/l
RT: 12.392 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN071620.D
Acq: 28 Mar 2022 22:21

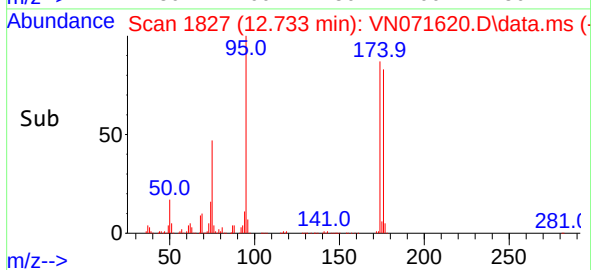
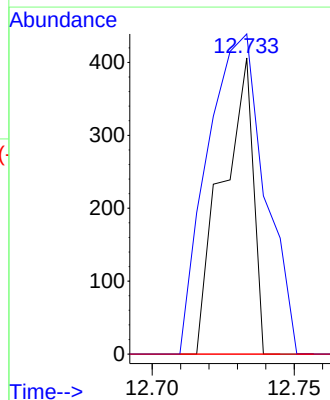
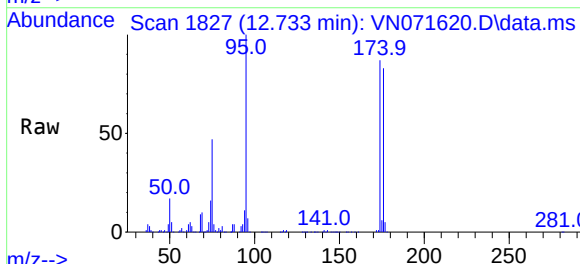
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-REF-4

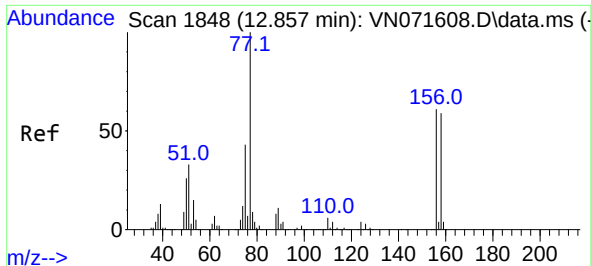
Tgt Ion: 43	Resp: 247
Ion Ratio	Lower Upper
43 100	
70 0.0	39.0 58.4#
55 0.0	21.1 31.7#
61 0.0	21.1 31.7#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.024 ug/l
RT: 12.733 min Scan# 1827
Delta R.T. -0.088 min
Lab File: VN071620.D
Acq: 28 Mar 2022 22:21

Tgt Ion: 83	Resp:	310	
Ion Ratio	Lower	Upper	
83	100		
131	199.4	5.3	15.9#
85	0.0	32.3	96.9#

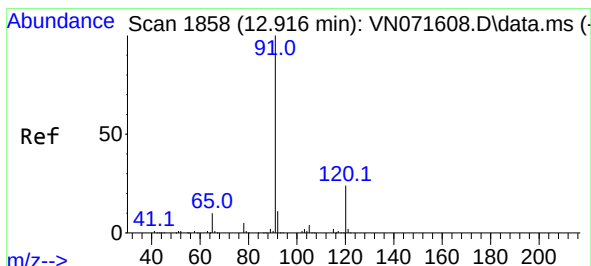
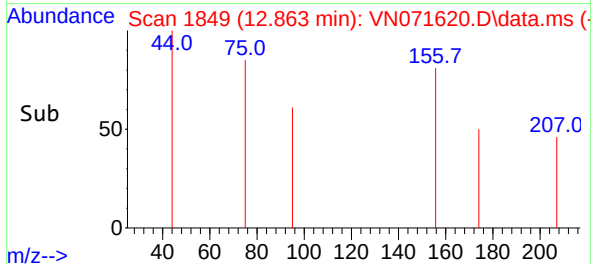
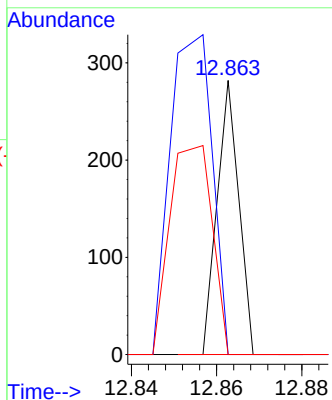
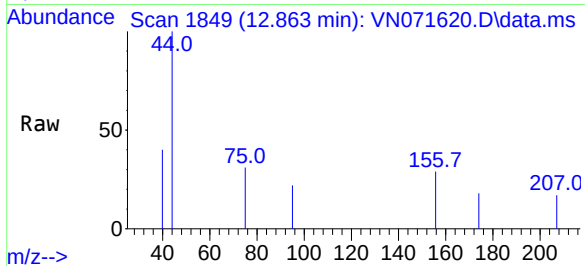




#77
Bromobenzene
Concen: 0.010 ug/l
RT: 12.863 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN071620.D
Acq: 28 Mar 2022 22:21

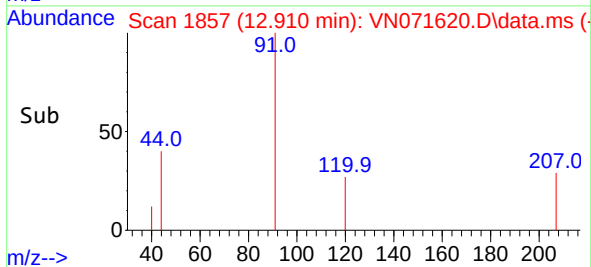
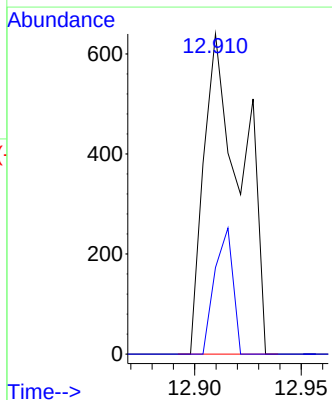
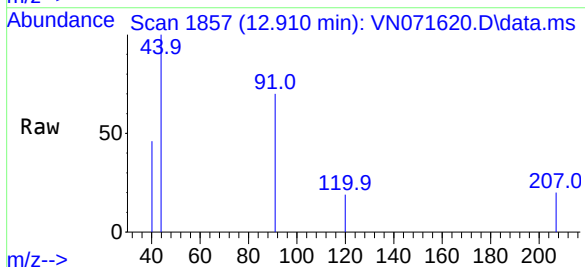
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-REF-4

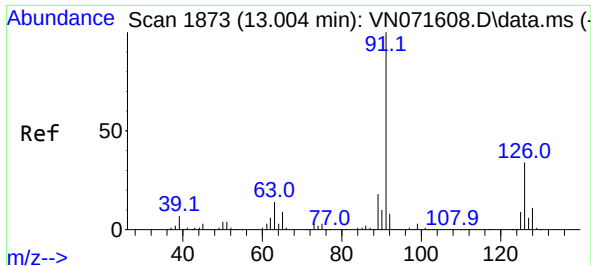
Tgt Ion:156 Resp: 100
Ion Ratio Lower Upper
156 100
77 226.0 100.5 301.5
158 149.0 48.9 146.6#



#78
n-propylbenzene
Concen: 0.019 ug/l
RT: 12.910 min Scan# 1857
Delta R.T. -0.006 min
Lab File: VN071620.D
Acq: 28 Mar 2022 22:21

Tgt Ion: 91 Resp: 795
Ion Ratio Lower Upper
91 100
120 18.9 11.9 35.5





#79

2-Chlorotoluene

Concen: 0.014 ug/l

RT: 12.992 min Scan# 1871

Delta R.T. -0.012 min

Lab File: VN071620.D

Acq: 28 Mar 2022 22:21

Instrument :

MSVOA_N

ClientSampleId :

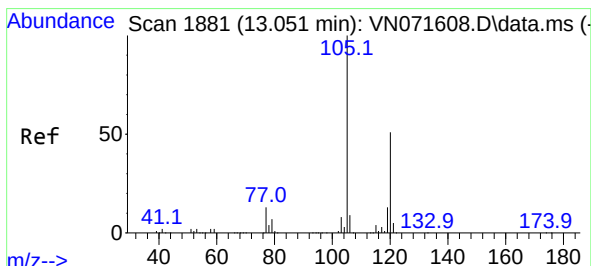
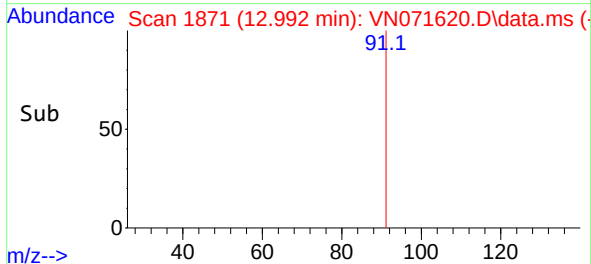
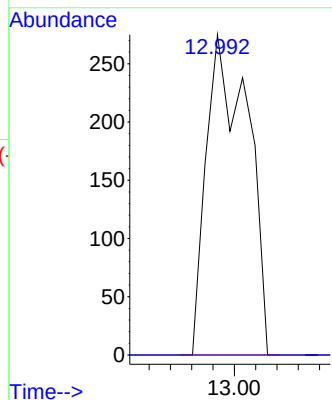
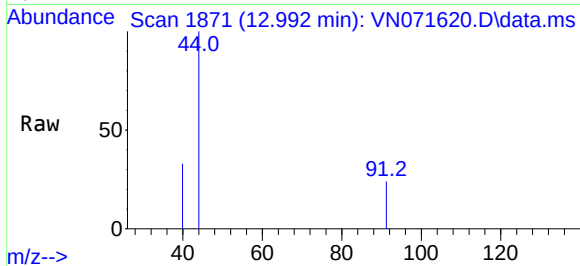
STORAGE-BLANK-REF-4

Tgt Ion: 91 Resp: 370

Ion Ratio Lower Upper

91 100

126 0.0 17.3 51.9#



#80

1,3,5-Trimethylbenzene

Concen: 0.009 ug/l

RT: 13.051 min Scan# 1881

Delta R.T. 0.000 min

Lab File: VN071620.D

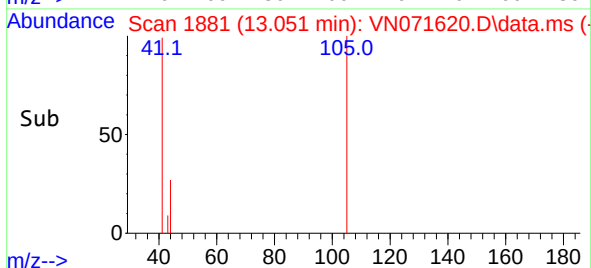
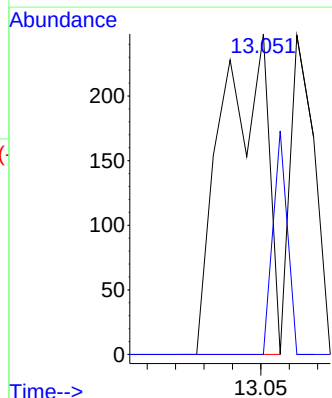
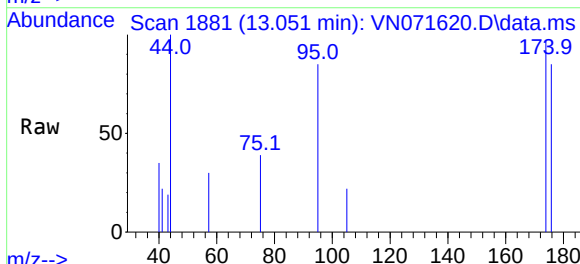
Acq: 28 Mar 2022 22:21

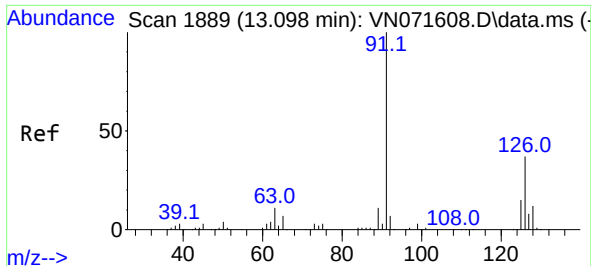
Tgt Ion: 105 Resp: 276

Ion Ratio Lower Upper

105 100

120 22.1 24.9 74.7#

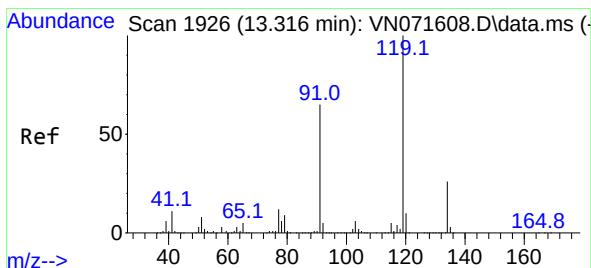
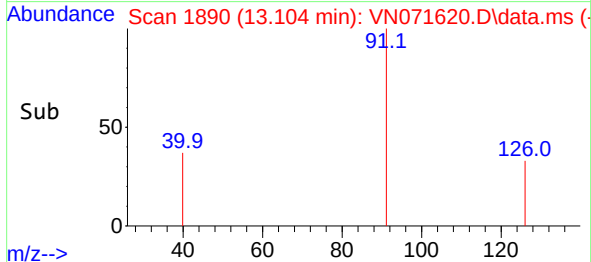
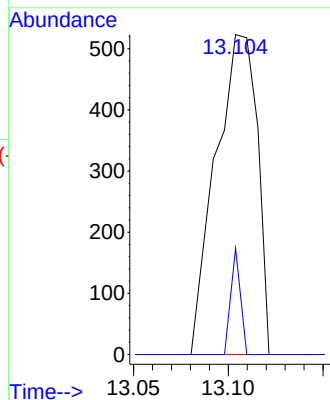
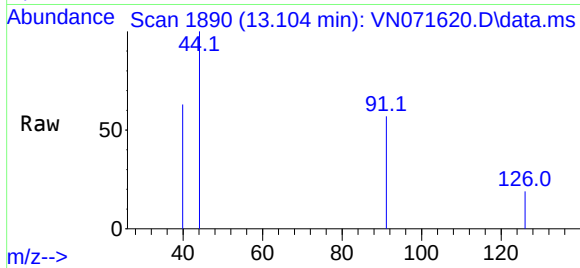




#82
4-Chlorotoluene
Concen: 0.033 ug/l
RT: 13.104 min Scan# 1889
Delta R.T. 0.006 min
Lab File: VN071620.D
Acq: 28 Mar 2022 22:21

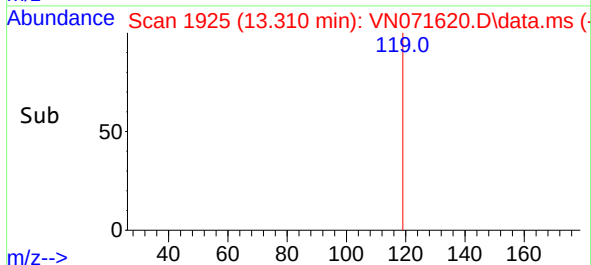
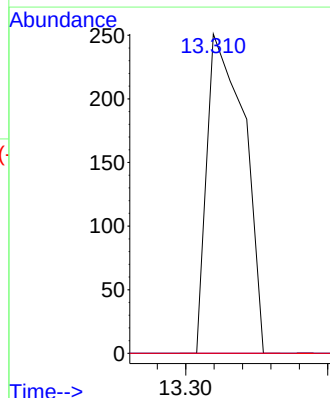
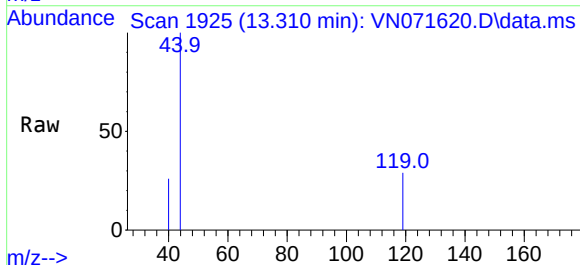
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-REF-4

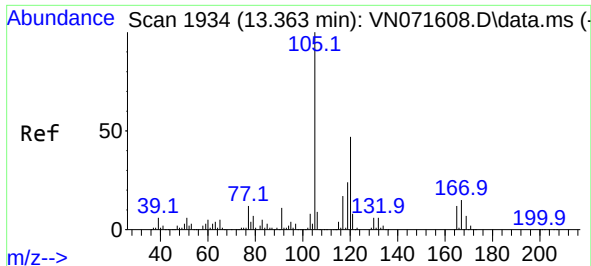
Tgt Ion: 91 Resp: 798
Ion Ratio Lower Upper
91 100
126 7.6 17.2 51.6#



#83
tert-Butylbenzene
Concen: 0.008 ug/l
RT: 13.310 min Scan# 1925
Delta R.T. -0.006 min
Lab File: VN071620.D
Acq: 28 Mar 2022 22:21

Tgt Ion: 119 Resp: 229
Ion Ratio Lower Upper
119 100
91 0.0 31.6 94.8#
134 0.0 13.7 41.1#

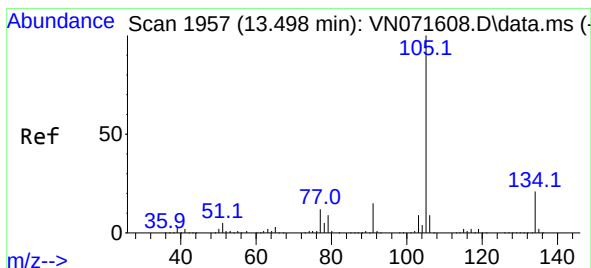
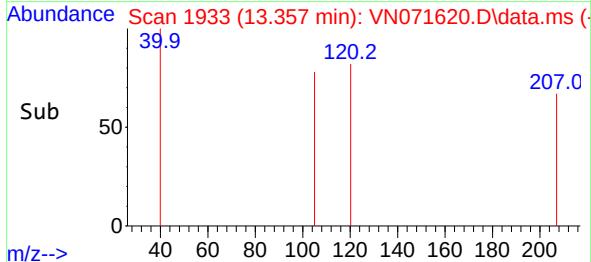
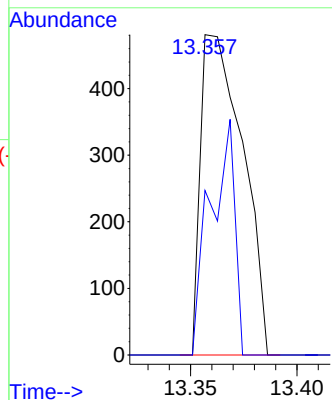
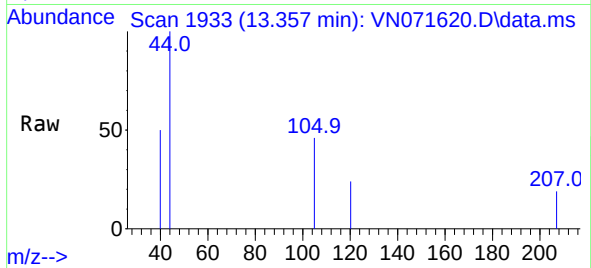




#84
1,2,4-Trimethylbenzene
Concen: 0.023 ug/l
RT: 13.357 min Scan# 1933
Delta R.T. -0.006 min
Lab File: VN071620.D
Acq: 28 Mar 2022 22:21

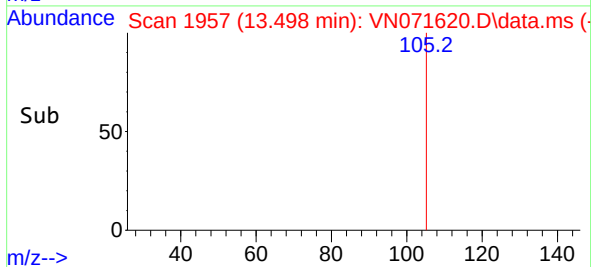
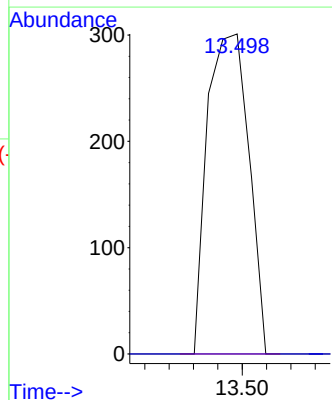
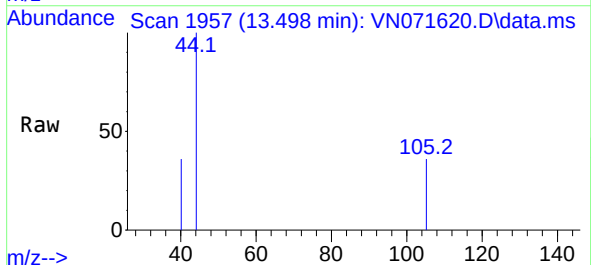
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-REF-4

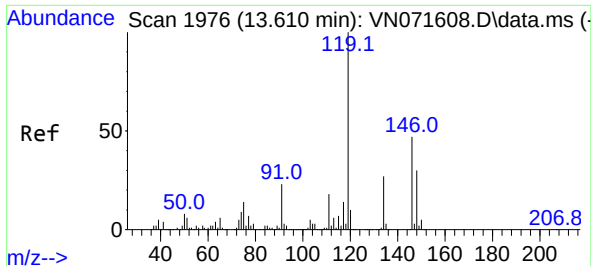
Tgt Ion:105 Resp: 664
Ion Ratio Lower Upper
105 100
120 42.6 23.3 69.8



#85
sec-Butylbenzene
Concen: 0.010 ug/l
RT: 13.498 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VN071620.D
Acq: 28 Mar 2022 22:21

Tgt Ion:105 Resp: 356
Ion Ratio Lower Upper
105 100
134 0.0 10.4 31.1#

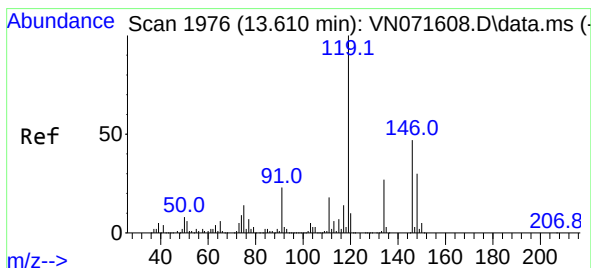
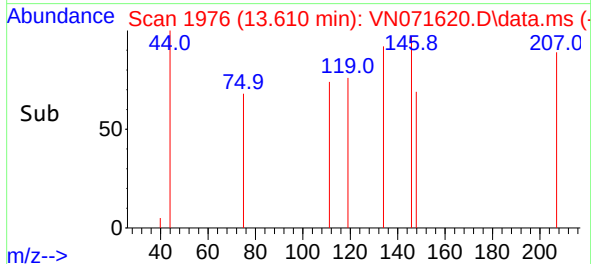
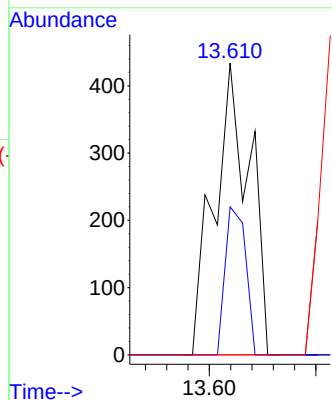
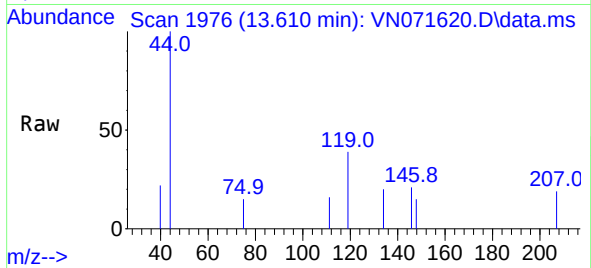




#86
p-Isopropyltoluene
Concen: 0.017 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN071620.D
Acq: 28 Mar 2022 22:21

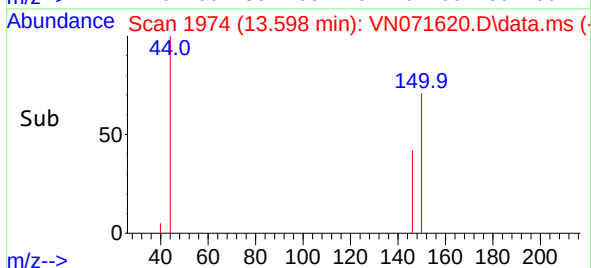
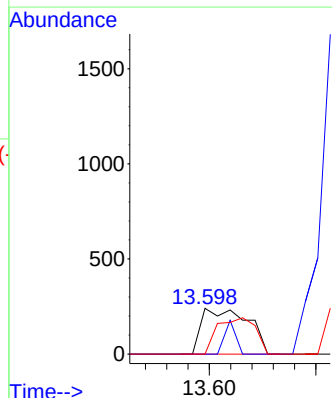
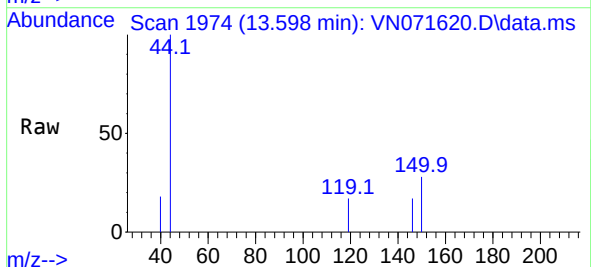
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-REF-4

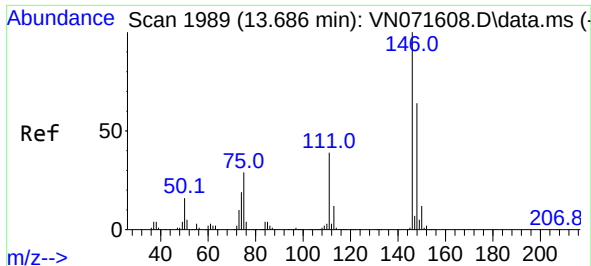
Tgt Ion:119 Resp: 503
Ion Ratio Lower Upper
119 100
134 29.2 13.3 39.8
91 0.0 11.3 33.9#



#87
1,3-Dichlorobenzene
Concen: 0.024 ug/l
RT: 13.598 min Scan# 1974
Delta R.T. -0.012 min
Lab File: VN071620.D
Acq: 28 Mar 2022 22:21

Tgt Ion:146 Resp: 363
Ion Ratio Lower Upper
146 100
111 0.0 20.0 60.0#
148 65.0 32.0 96.0

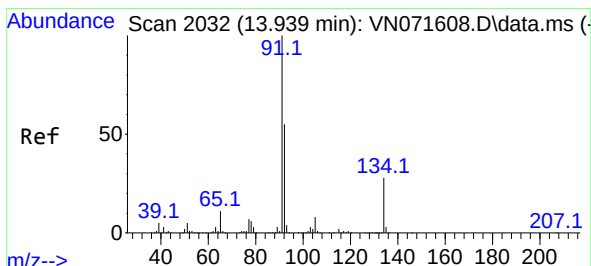
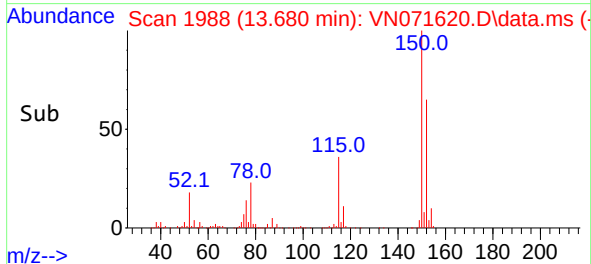
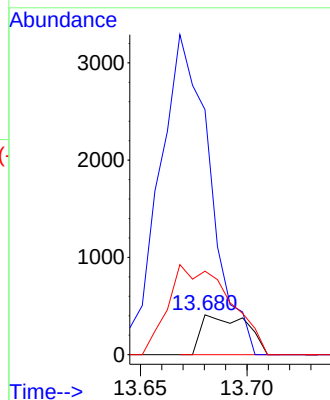
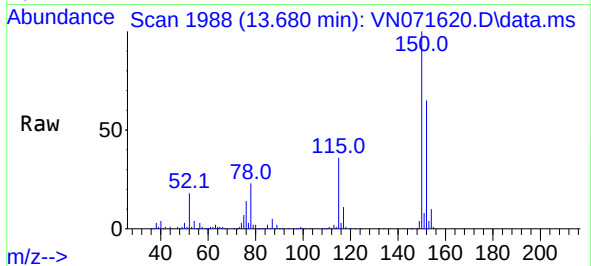




#88
1,4-Dichlorobenzene
Concen: 0.039 ug/l
RT: 13.680 min Scan# 1989
Delta R.T. -0.006 min
Lab File: VN071620.D
Acq: 28 Mar 2022 22:21

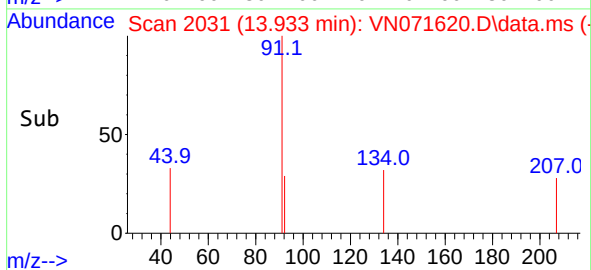
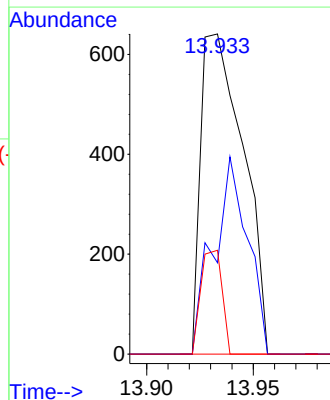
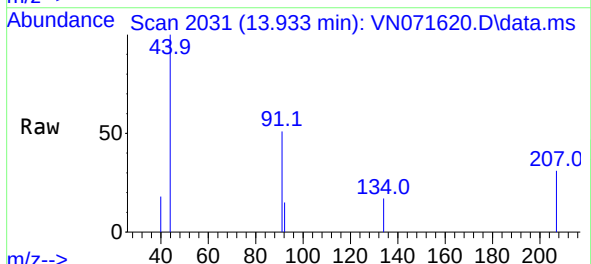
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-REF-4

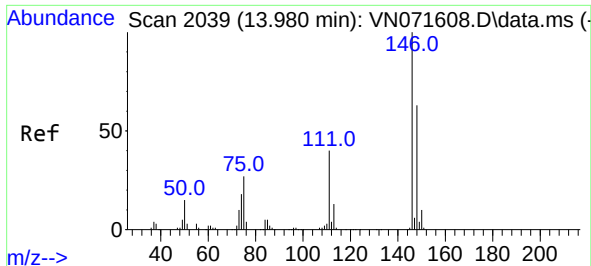
Tgt Ion:146 Resp: 601
Ion Ratio Lower Upper
146 100
111 904.3 19.1 57.1#
148 309.0 31.4 94.3#



#89
n-Butylbenzene
Concen: 0.041 ug/l
RT: 13.933 min Scan# 2031
Delta R.T. -0.006 min
Lab File: VN071620.D
Acq: 28 Mar 2022 22:21

Tgt Ion: 91 Resp: 892
Ion Ratio Lower Upper
91 100
92 49.4 26.9 80.7
134 16.1 13.6 40.8





#91

1,2-Dichlorobenzene

Concen: 0.022 ug/l

RT: 13.992 min Scan# 2041

Delta R.T. 0.012 min

Lab File: VN071620.D

Acq: 28 Mar 2022 22:21

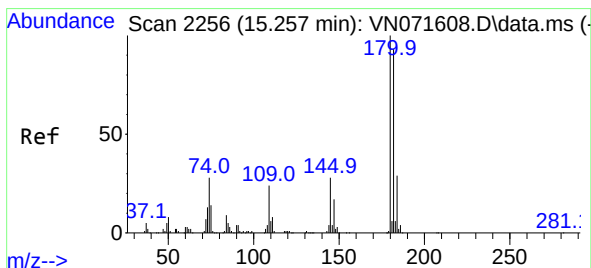
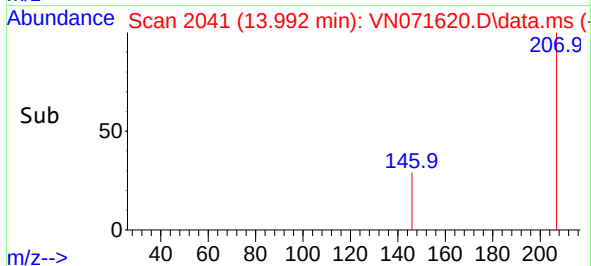
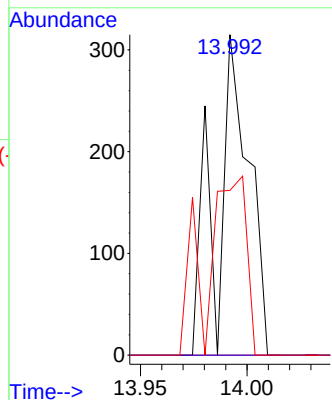
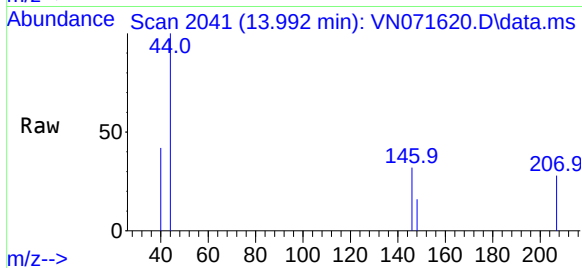
Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-REF-4

Tgt Ion:	146	Resp:	332
Ion	Ratio	Lower	Upper
146	100		
111	0.0	20.9	62.8#
148	69.6	32.1	96.3



#93

1,2,4-Trichlorobenzene

Concen: 0.072 ug/l

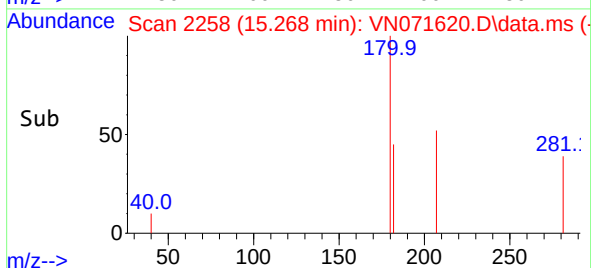
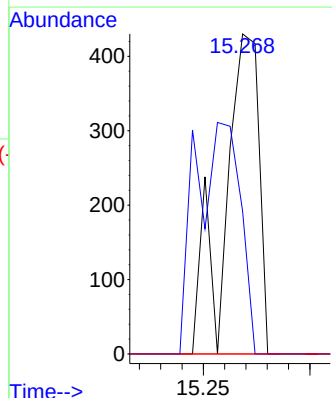
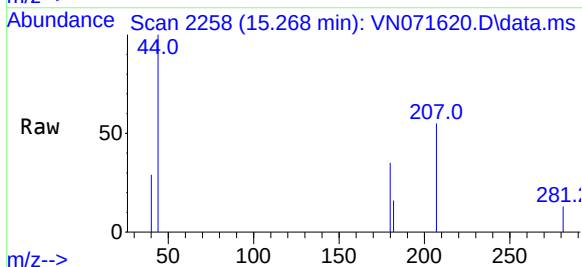
RT: 15.268 min Scan# 2258

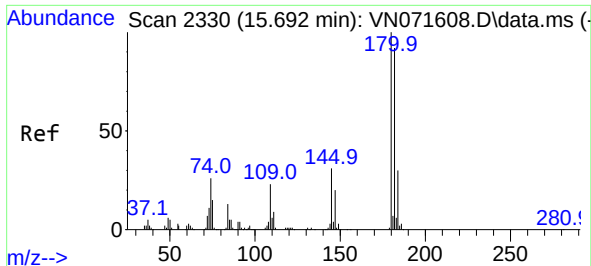
Delta R.T. 0.012 min

Lab File: VN071620.D

Acq: 28 Mar 2022 22:21

Tgt Ion:	180	Resp:	481
Ion	Ratio	Lower	Upper
180	100		
182	93.8	47.5	142.5
145	0.0	14.5	43.5#





#96

1,2,3-Trichlorobenzene

Concen: 0.022 ug/l

RT: 15.686 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN071620.D

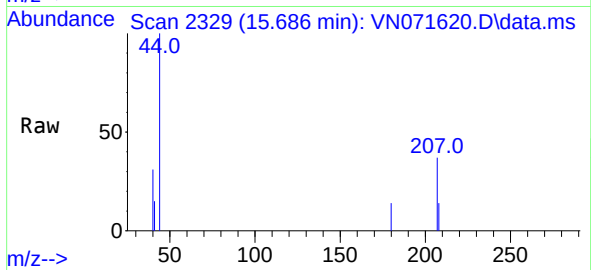
Acq: 28 Mar 2022 22:21

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-REF-4



Tgt Ion:180 Resp: 144

Ion Ratio Lower Upper

180 100

182 0.0 47.8 143.3#

145 0.0 15.5 46.5#

