

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020521\
 Data File : VX020871.D
 Acq On : 05 Feb 2021 15:10
 Operator : JC/MD
 Sample : M1329-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

Quant Time: Feb 06 01:51:18 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:38:15 2021
 Response via : Initial Calibration

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

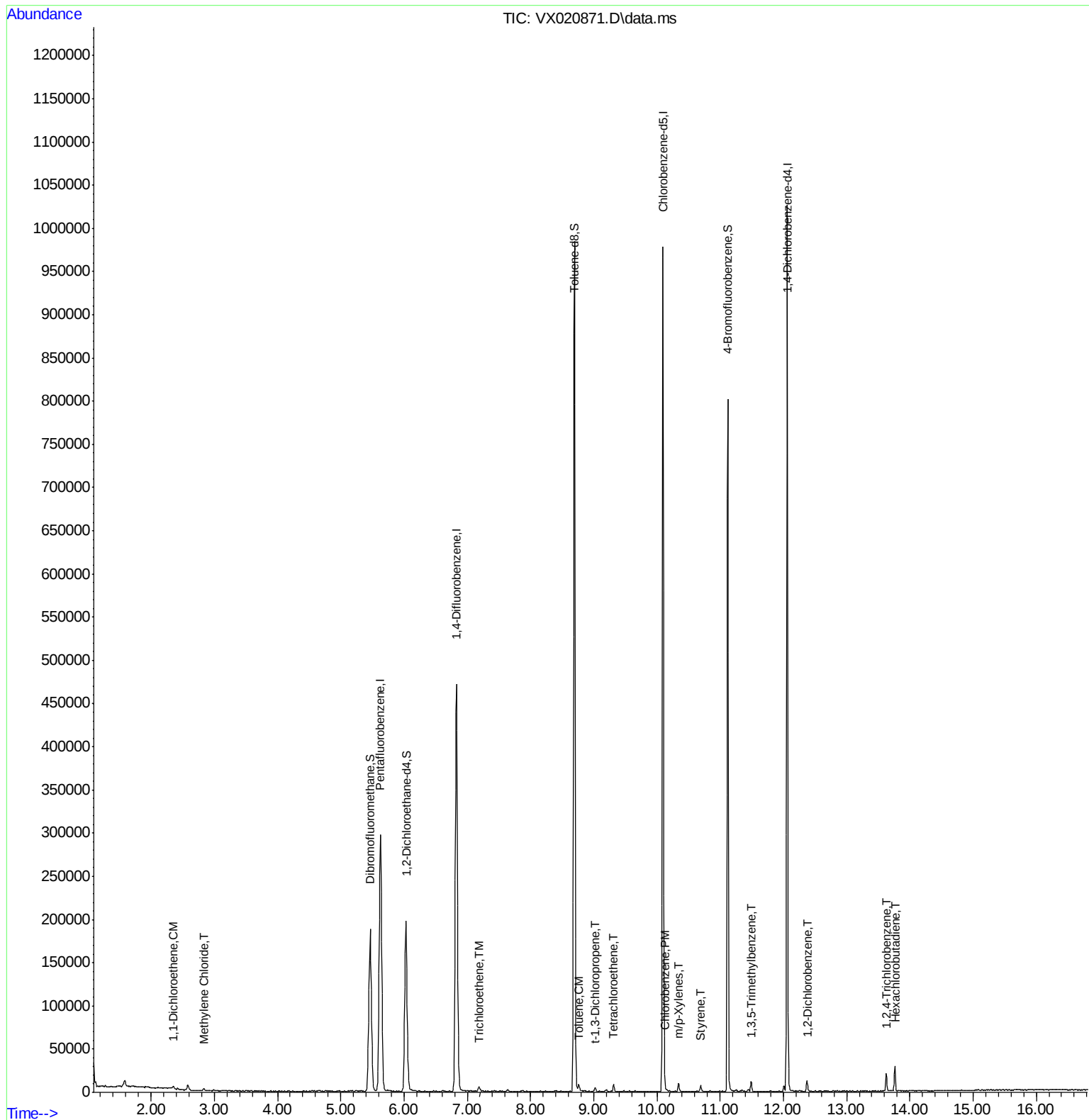
Internal Standards						
1) Pentafluorobenzene	5.623	168	281101	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	474598	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	462189	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	210726	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	187536	48.91	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	97.82%	
35) Dibromofluoromethane	5.464	113	162343	49.94	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	99.88%	
50) Toluene-d8	8.695	98	597435	50.13	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	100.26%	
62) 4-Bromofluorobenzene	11.122	95	212202	45.85	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	91.70%	
Target Compounds						
						Qvalue
12) 1,1-Dichloroethene	2.349	96	902	0.33	ug/l #	63
20) Methylene Chloride	2.837	84	1164	0.32	ug/l #	95
44) Trichloroethene	7.183	130	1851	0.50	ug/l	85
52) Toluene	8.762	92	2435	0.28	ug/l	99
53) t-1,3-Dichloropropene	9.025	75	2063	0.38	ug/l #	87
64) Tetrachloroethene	9.317	164	1366	0.39	ug/l #	84
65) Chlorobenzene	10.122	112	2411	0.24	ug/l #	87
68) m/p-Xylenes	10.341	106	2075	0.32	ug/l	100
70) Styrene	10.695	104	2794	0.27	ug/l #	87
80) 1,3,5-Trimethylbenzene	11.494	105	4957	0.38	ug/l	99
91) 1,2-Dichlorobenzene	12.378	146	3847	0.57	ug/l	97
93) 1,2,4-Trichlorobenzene	13.627	180	5049	1.15	ug/l	90
94) Hexachlorobutadiene	13.768	225	4548	2.20	ug/l	97

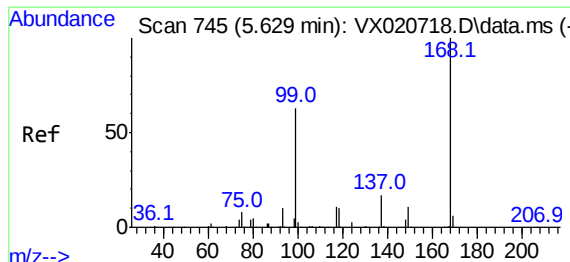
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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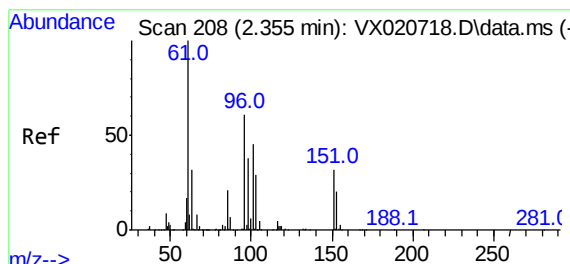
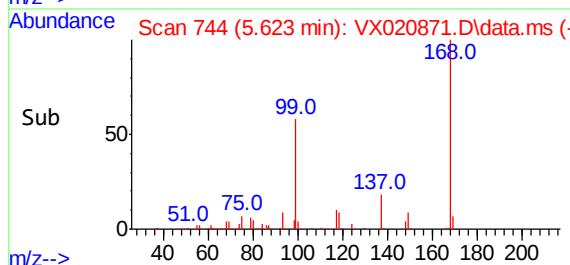
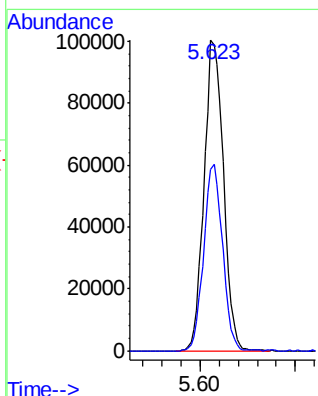
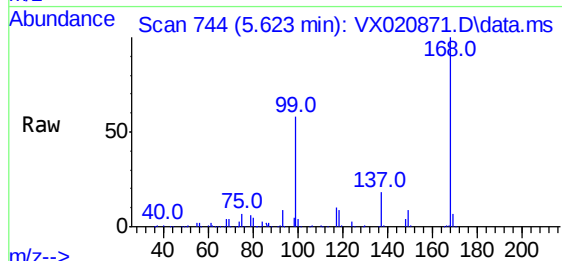




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.006 min
Lab File: VX020871.D
Acq: 05 Feb 2021 15:10

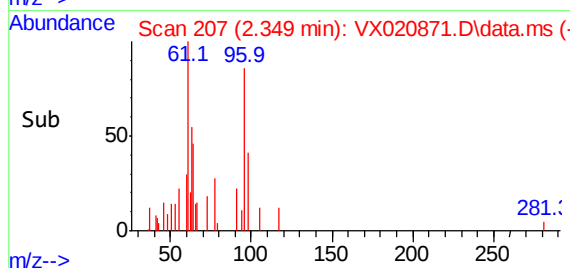
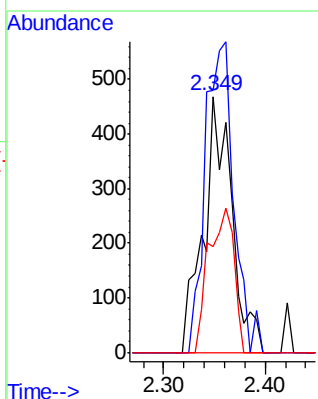
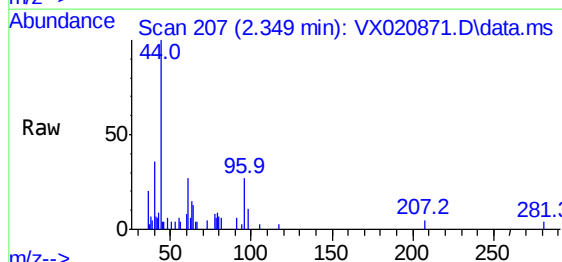
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

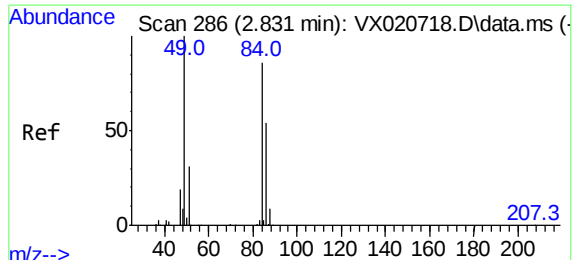
Tgt Ion:168 Resp: 281101
Ion Ratio Lower Upper
168 100
99 58.3 45.8 68.6



#12
1,1-Dichloroethene
Concen: 0.33 ug/l
RT: 2.349 min Scan# 207
Delta R.T. -0.006 min
Lab File: VX020871.D
Acq: 05 Feb 2021 15:10

Tgt Ion: 96 Resp: 902
Ion Ratio Lower Upper
96 100
61 102.1 124.6 187.0#
98 41.6 50.6 76.0#

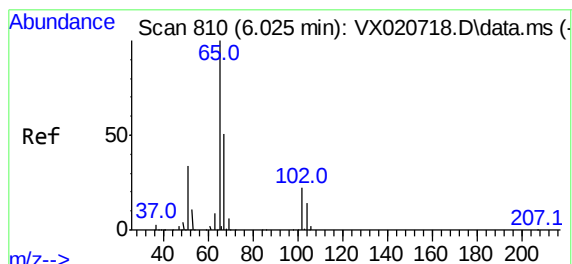
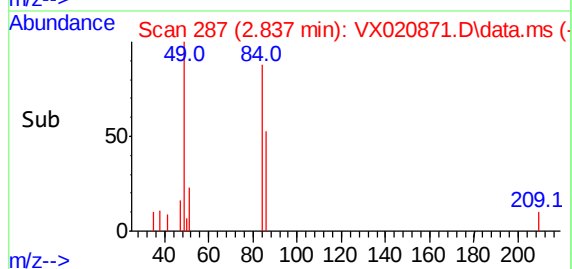
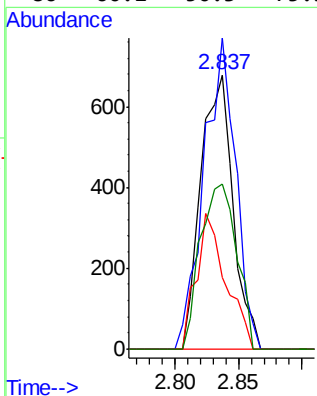
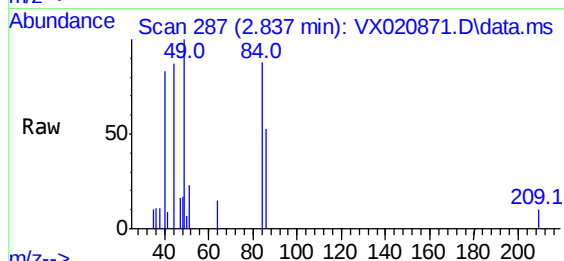




#20
Methylene Chloride
Concen: 0.32 ug/l
RT: 2.837 min Scan# 287
Delta R.T. 0.006 min
Lab File: VX020871.D
Acq: 05 Feb 2021 15:10

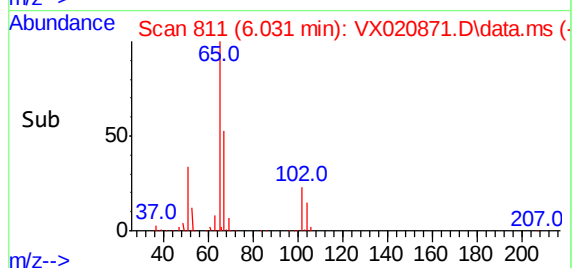
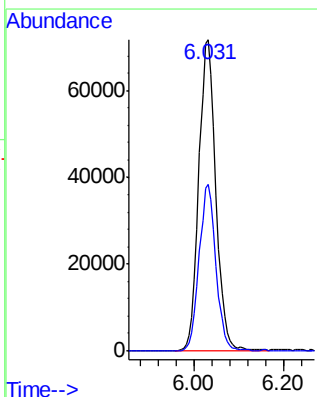
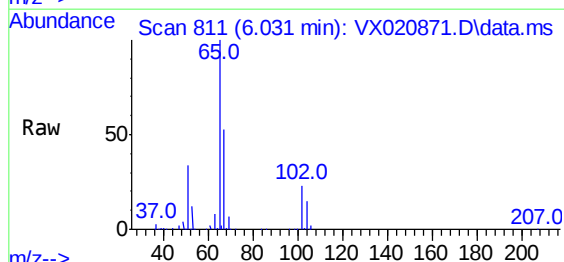
Instrument :
MSVOA_X
ClientSampleId :
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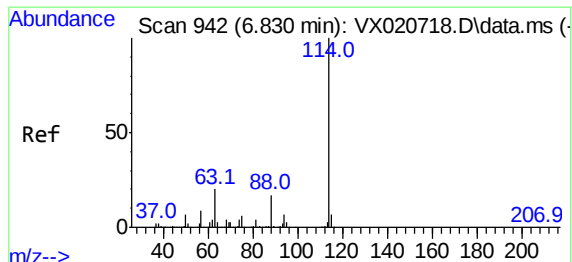
Tgt Ion: 84 Resp: 1164
Ion Ratio Lower Upper
84 100
49 113.4 88.6 132.8
51 25.9 27.0 40.6#
86 60.1 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: 48.91 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020871.D
Acq: 05 Feb 2021 15:10

Tgt Ion: 65 Resp: 187536
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.4

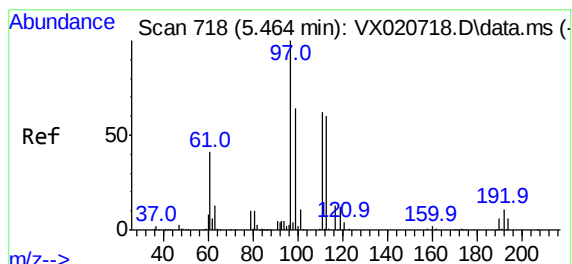
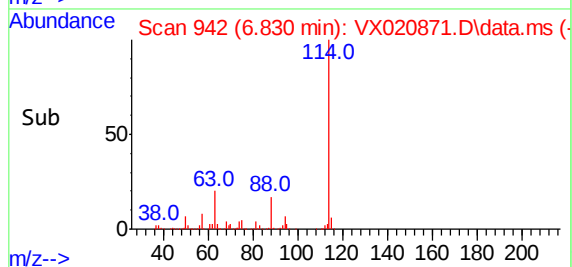
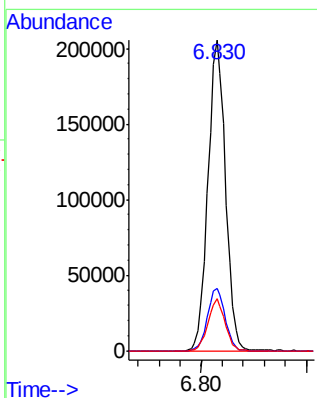
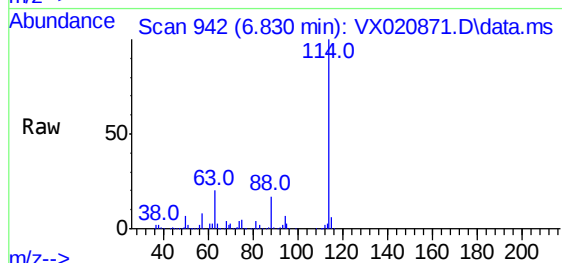




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. -0.000 min
Lab File: VX020871.D
Acq: 05 Feb 2021 15:10

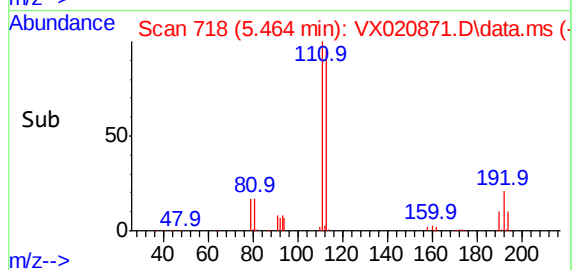
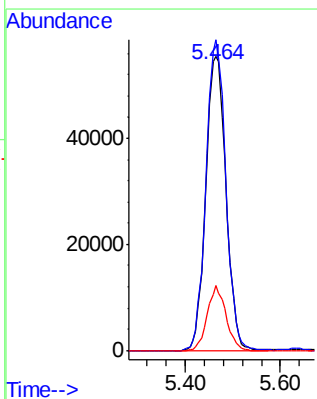
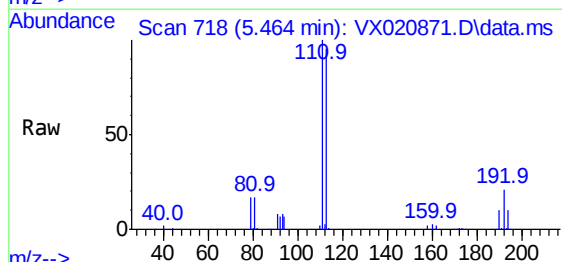
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

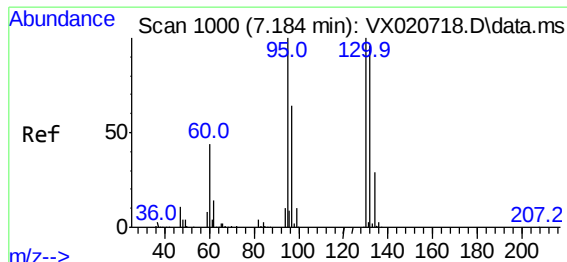
Tgt Ion:114 Resp: 474598
Ion Ratio Lower Upper
114 100
63 20.0 0.0 40.8
88 16.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.94 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX020871.D
Acq: 05 Feb 2021 15:10

Tgt Ion:113 Resp: 162343
Ion Ratio Lower Upper
113 100
111 103.5 81.9 122.9
192 20.3 16.7 25.1





#44

Trichloroethene

Concen: 0.50 ug/l

RT: 7.183 min Scan# 1000

Delta R.T. -0.001 min

Lab File: VX020871.D

Acq: 05 Feb 2021 15:10

Tgt Ion:130 Resp: 1851

Ion Ratio Lower Upper

130 100

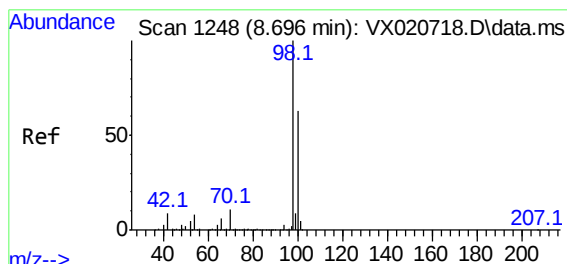
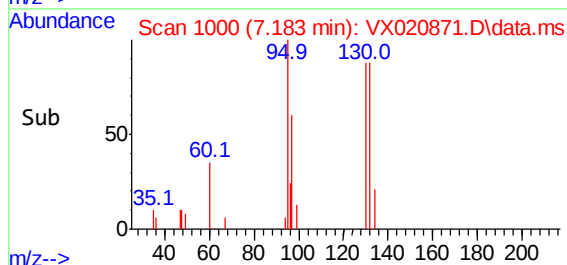
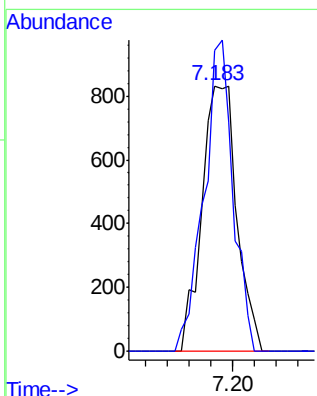
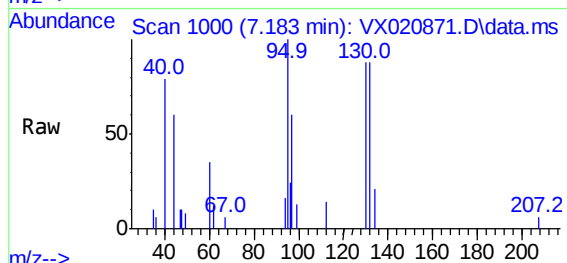
95 113.4 0.0 198.0

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA



#50

Toluene-d8

Concen: 50.13 ug/l

RT: 8.695 min Scan# 1248

Delta R.T. -0.001 min

Lab File: VX020871.D

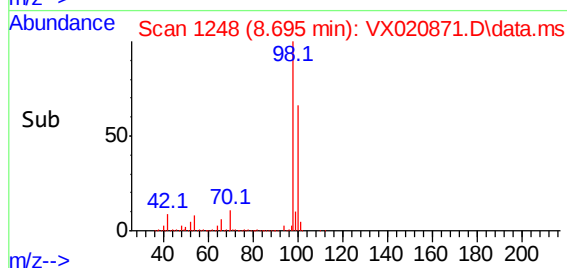
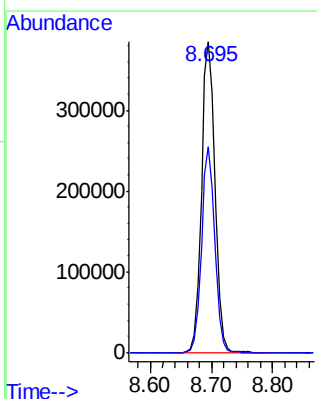
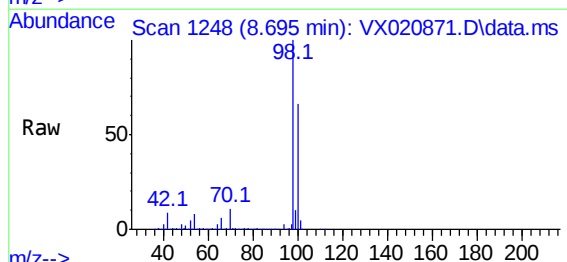
Acq: 05 Feb 2021 15:10

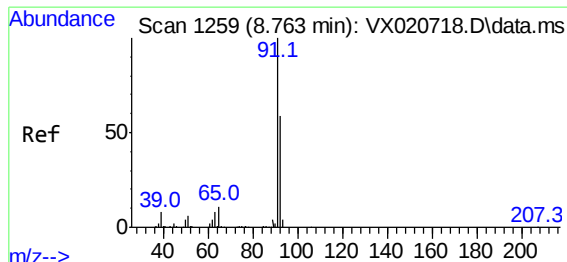
Tgt Ion: 98 Resp: 597435

Ion Ratio Lower Upper

98 100

100 64.9 51.9 77.9

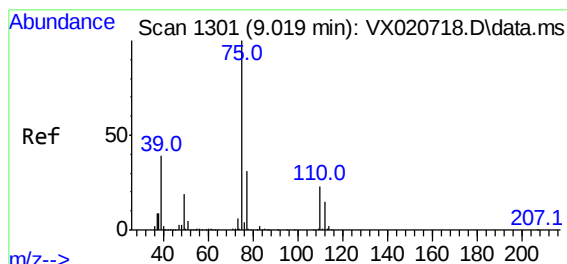
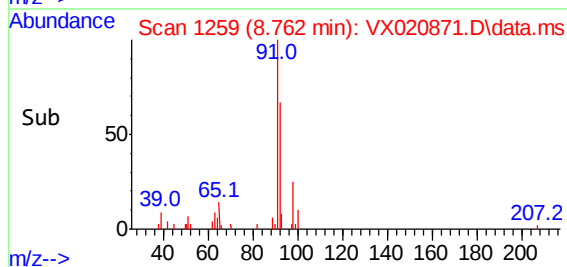
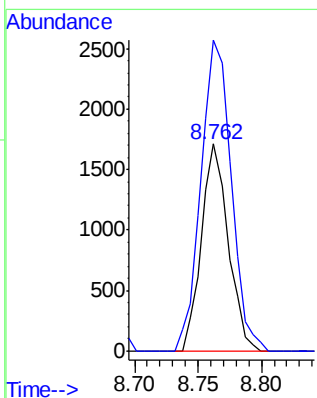
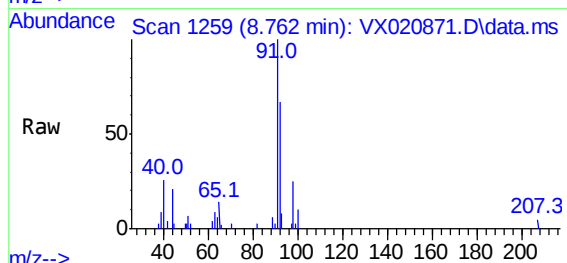




#52
Toluene
Concen: 0.28 ug/l
RT: 8.762 min Scan# 1259
Delta R.T. -0.001 min
Lab File: VX020871.D
Acq: 05 Feb 2021 15:10

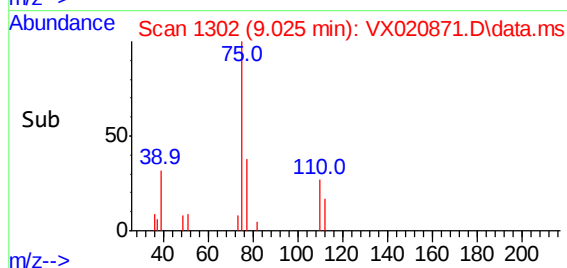
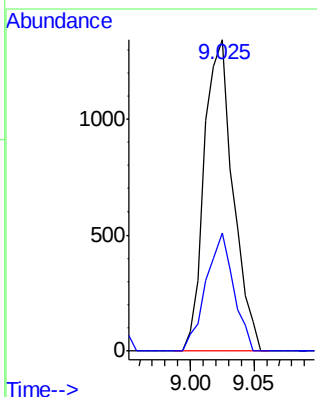
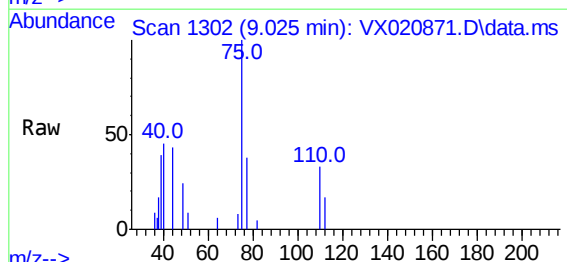
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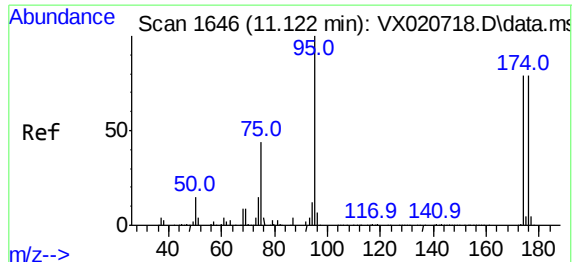
Tgt Ion: 92 Resp: 2435
Ion Ratio Lower Upper
92 100
91 170.4 137.1 205.7



#53
t-1,3-Dichloropropene
Concen: 0.38 ug/l
RT: 9.025 min Scan# 1302
Delta R.T. 0.006 min
Lab File: VX020871.D
Acq: 05 Feb 2021 15:10

Tgt Ion: 75 Resp: 2063
Ion Ratio Lower Upper
75 100
77 38.0 24.9 37.3#

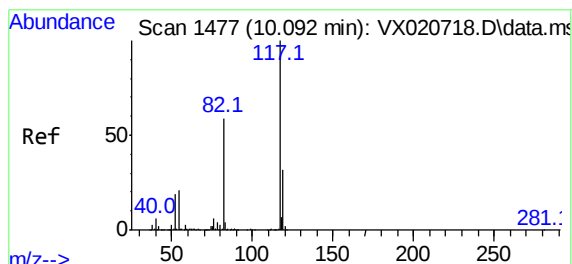
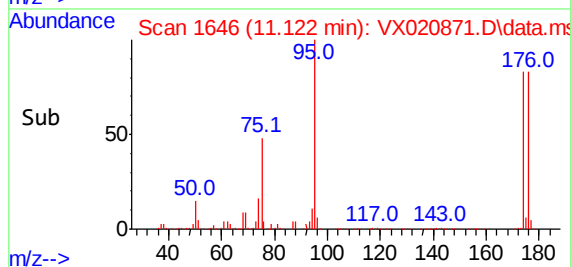
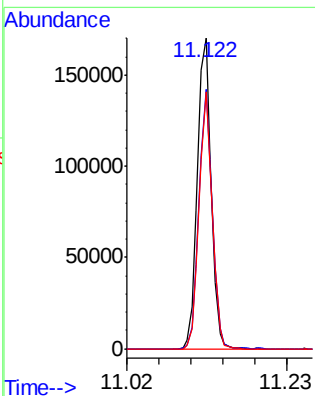
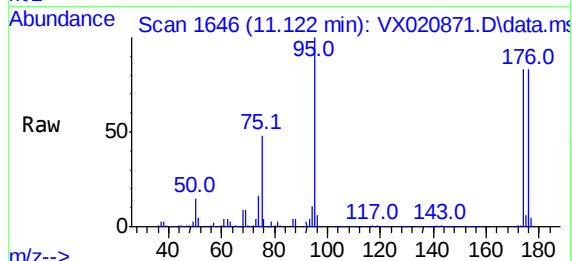




#62
4-Bromofluorobenzene
Concen: 45.85 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020871.D
Acq: 05 Feb 2021 15:10

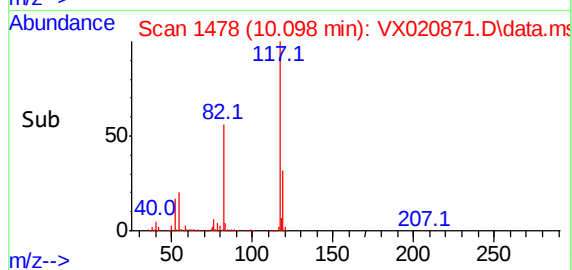
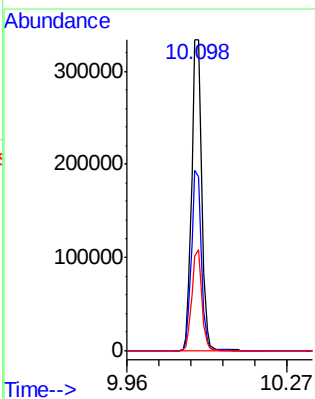
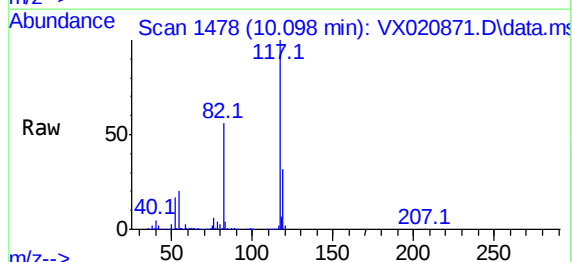
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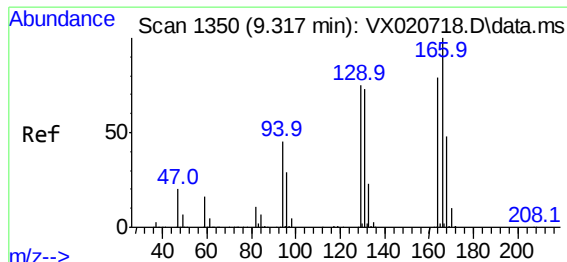
Tgt Ion: 95 Resp: 212202
Ion Ratio Lower Upper
95 100
174 80.9 0.0 154.6
176 79.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020871.D
Acq: 05 Feb 2021 15:10

Tgt Ion: 117 Resp: 462189
Ion Ratio Lower Upper
117 100
82 56.1 47.4 71.2
119 32.4 26.6 39.8





#64

Tetrachloroethene

Concen: 0.39 ug/l

RT: 9.317 min Scan# 1350

Delta R.T. 0.000 min

Lab File: VX020871.D

Acq: 05 Feb 2021 15:10

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

Tgt Ion:164 Resp: 1366

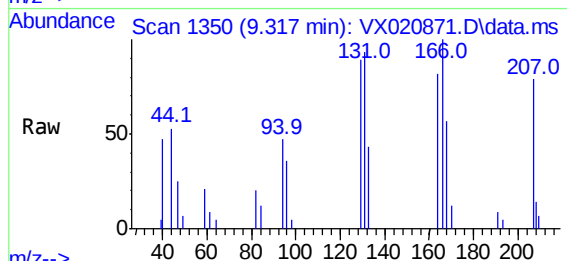
Ion Ratio Lower Upper

164 100

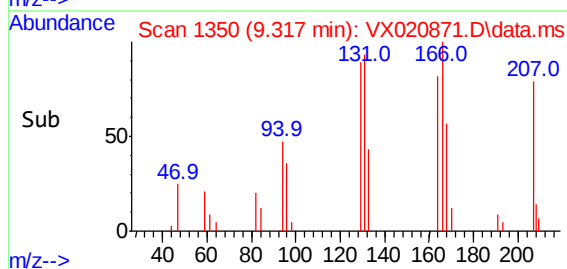
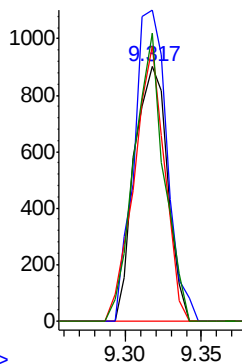
166 122.2 103.4 155.2

129 108.2 70.8 106.2#

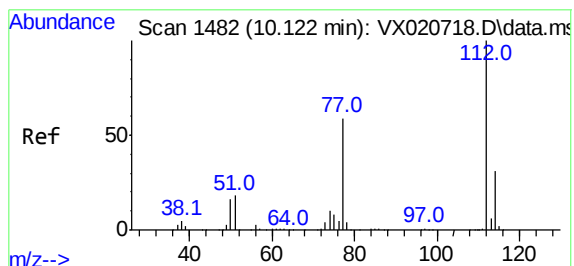
131 113.1 72.5 108.7#



Abundance



Time-->



#65

Chlorobenzene

Concen: 0.24 ug/l

RT: 10.122 min Scan# 1482

Delta R.T. -0.000 min

Lab File: VX020871.D

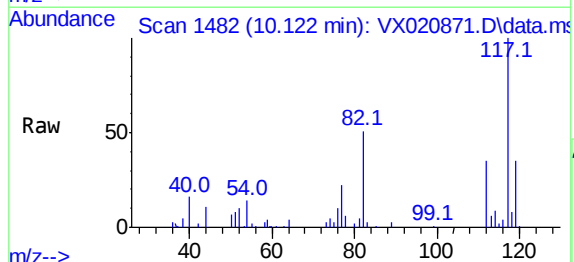
Acq: 05 Feb 2021 15:10

Tgt Ion:112 Resp: 2411

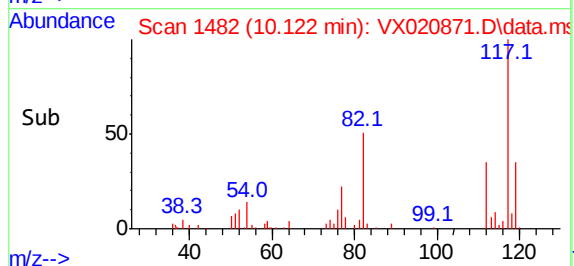
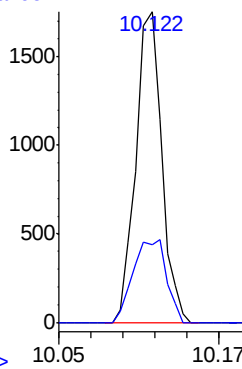
Ion Ratio Lower Upper

112 100

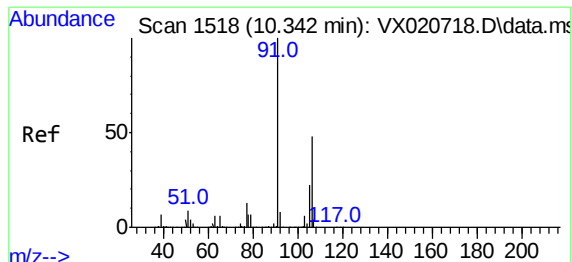
114 25.1 25.8 38.6#



Abundance



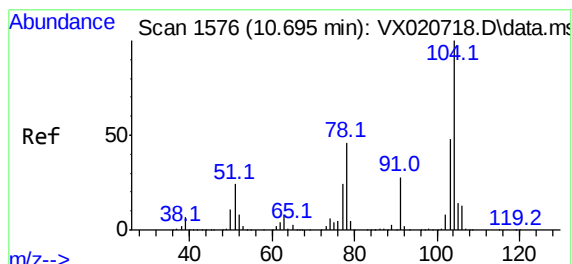
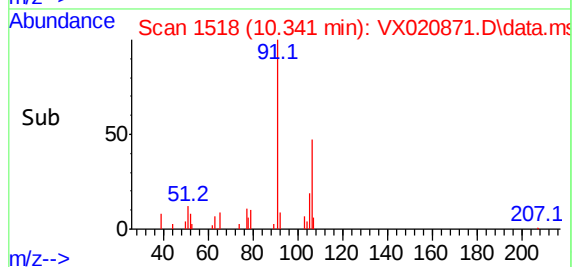
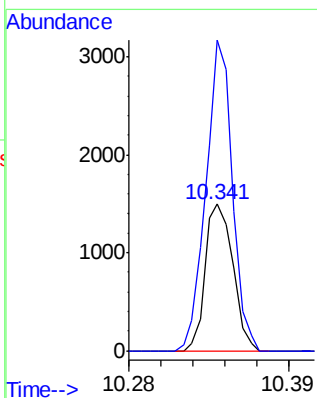
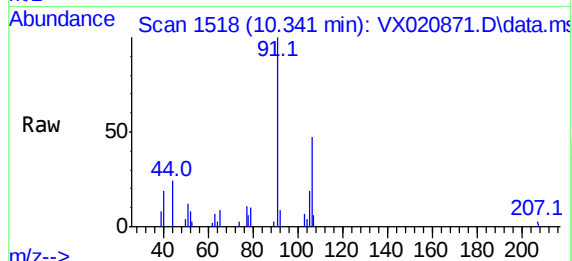
Time-->



#68
m/p-Xylenes
Concen: 0.32 ug/l
RT: 10.341 min Scan# 1518
Delta R.T. -0.001 min
Lab File: VX020871.D
Acq: 05 Feb 2021 15:10

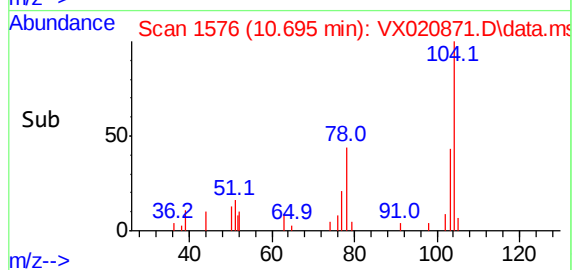
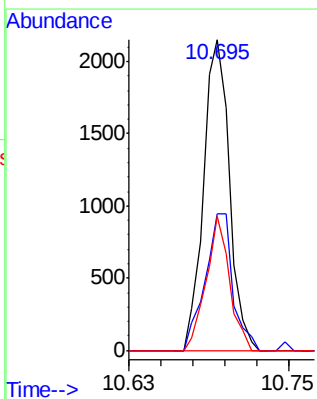
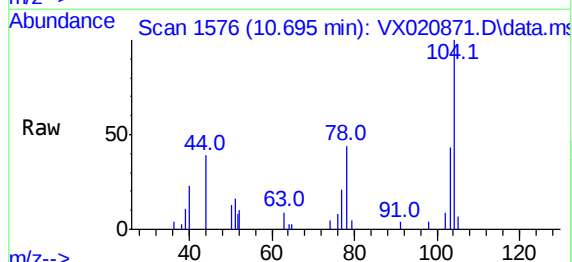
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

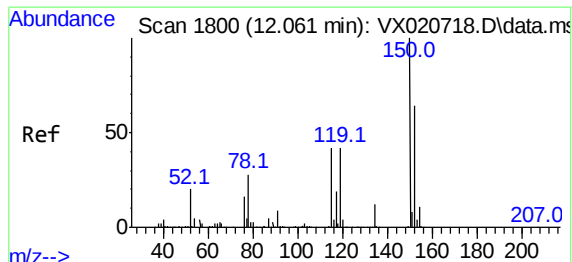
Tgt Ion:106 Resp: 2075
Ion Ratio Lower Upper
106 100
91 203.2 162.8 244.2



#70
Styrene
Concen: 0.27 ug/l
RT: 10.695 min Scan# 1576
Delta R.T. 0.000 min
Lab File: VX020871.D
Acq: 05 Feb 2021 15:10

Tgt Ion:104 Resp: 2794
Ion Ratio Lower Upper
104 100
78 47.3 40.0 60.0
103 39.0 43.4 65.0#

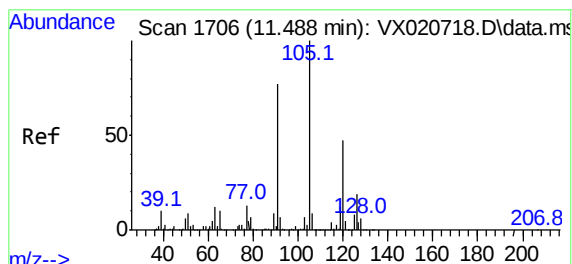
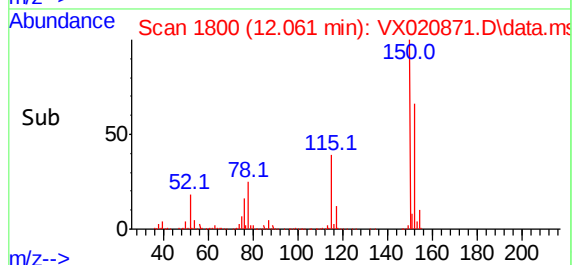
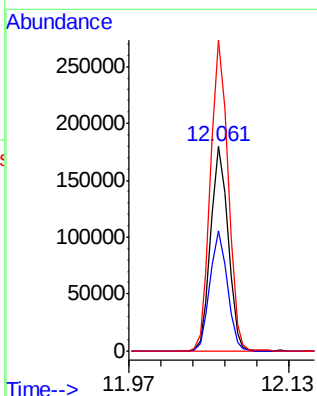
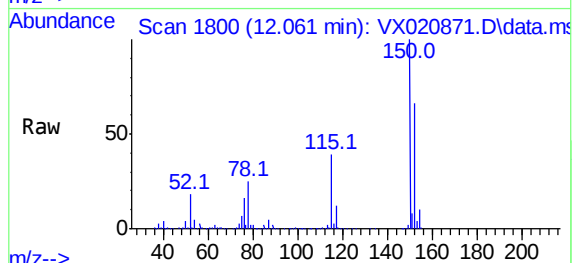




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.061 min Scan# 1800
 Delta R.T. -0.000 min
 Lab File: VX020871.D
 Acq: 05 Feb 2021 15:10

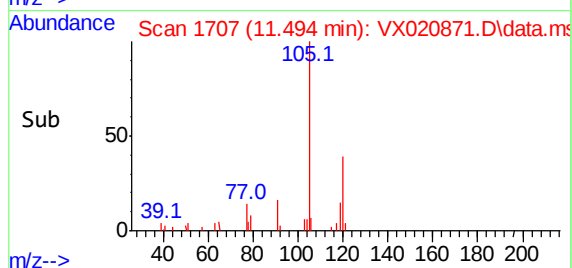
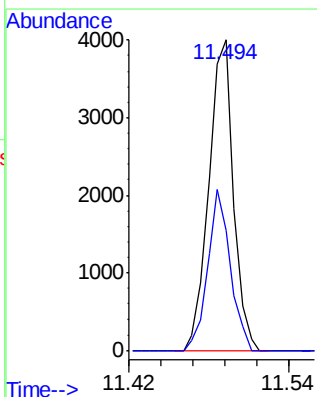
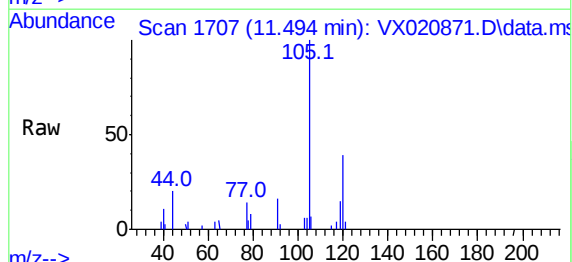
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

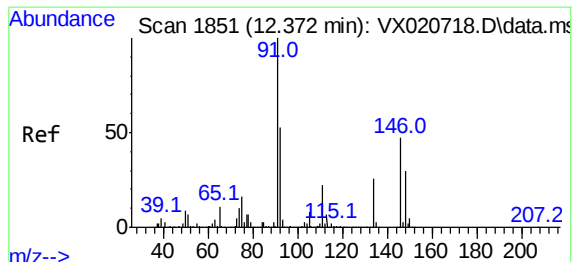
Tgt Ion:152 Resp: 210726
 Ion Ratio Lower Upper
 152 100
 115 58.8 41.1 123.3
 150 154.1 0.0 349.0



#80
 1,3,5-Trimethylbenzene
 Concen: 0.38 ug/l
 RT: 11.494 min Scan# 1707
 Delta R.T. 0.006 min
 Lab File: VX020871.D
 Acq: 05 Feb 2021 15:10

Tgt Ion:105 Resp: 4957
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.8 71.5

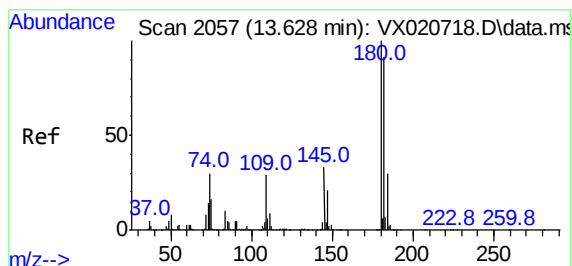
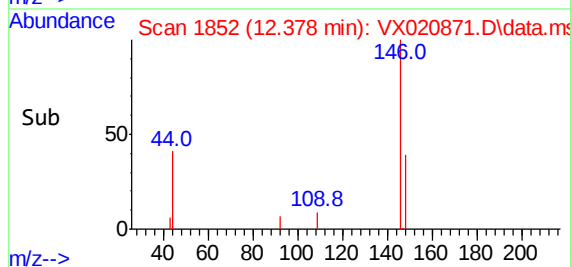
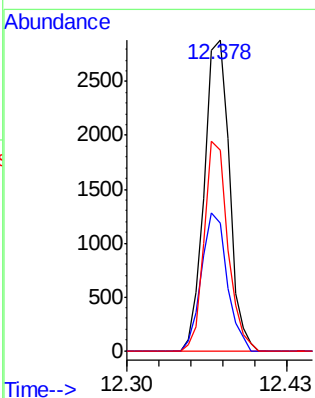
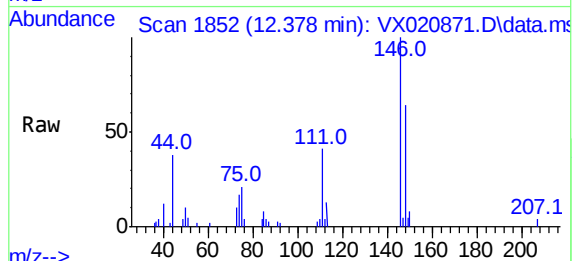




#91
1,2-Dichlorobenzene
Concen: 0.57 ug/l
RT: 12.378 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VX020871.D
Acq: 05 Feb 2021 15:10

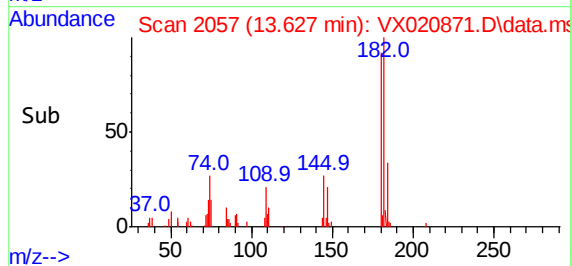
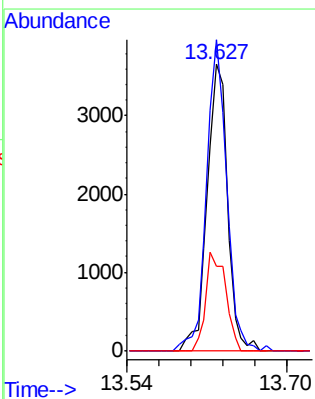
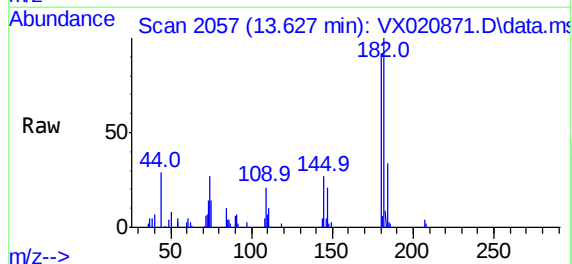
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

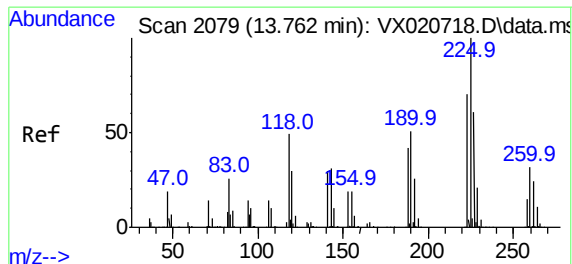
Tgt Ion:146 Resp: 3847
Ion Ratio Lower Upper
146 100
111 45.3 20.8 62.2
148 63.3 31.9 95.5



#93
1,2,4-Trichlorobenzene
Concen: 1.15 ug/l
RT: 13.627 min Scan# 2057
Delta R.T. -0.001 min
Lab File: VX020871.D
Acq: 05 Feb 2021 15:10

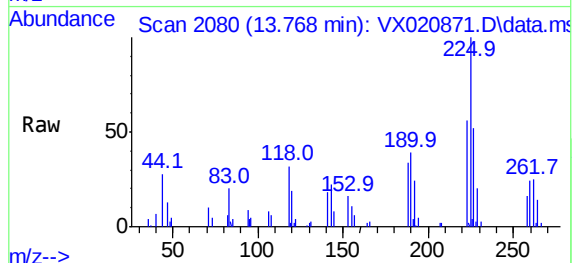
Tgt Ion:180 Resp: 5049
Ion Ratio Lower Upper
180 100
182 106.9 47.7 143.1
145 33.3 15.0 45.0





#94
Hexachlorobutadiene
Concen: 2.20 ug/l
RT: 13.768 min Scan# 2080
Delta R.T. 0.006 min
Lab File: VX020871.D
Acq: 05 Feb 2021 15:10

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA



Tgt Ion:225 Resp: 4548
Ion Ratio Lower Upper
225 100
223 58.2 31.1 93.2
227 62.8 31.6 95.0

