

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052522\
 Data File : VX028971.D
 Acq On : 26 May 2022 00:22
 Operator : JC/MD
 Sample : N3040-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-TB-20220524

Quant Time: May 26 05:50:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

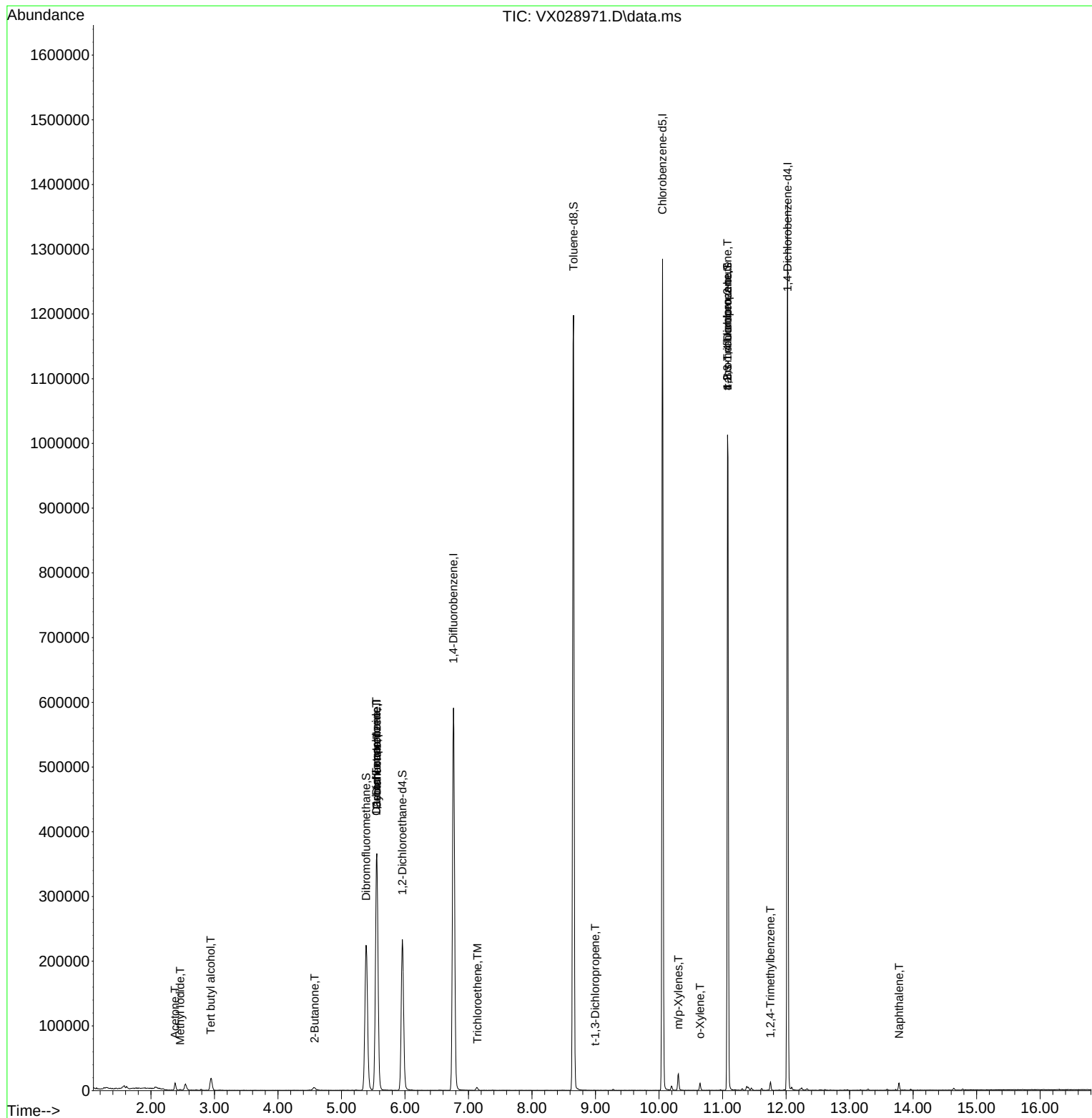
Internal Standards						
1) Pentafluorobenzene	5.556	168	350113	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	623189	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	592261	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	274948	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	228094	47.527	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.060%
35) Dibromofluoromethane	5.385	113	202376	49.565	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.120%
50) Toluene-d8	8.653	98	736022	47.813	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.620%
62) 4-Bromofluorobenzene	11.079	95	288461	50.170	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	100.340%
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	1469	Below Cal		94
6) Chloroethane	1.691	64	336	Below Cal	#	43
10) Methyl Iodide	2.459	142	1194	0.255	ug/l #	92
11) Tert butyl alcohol	2.940	59	11704	3.628	ug/l #	77
16) Acetone	2.379	43	11336	5.504	ug/l	90
25) 2-Butanone	4.574	43	660	0.204	ug/l #	44
31) Cyclohexane	5.556	56	6413	0.963	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	25935	4.229	ug/l #	50
38) Carbon Tetrachloride	5.550	117	35668	5.779	ug/l #	16
44) Trichloroethene	7.141	130	1850	0.387	ug/l	83
53) t-1,3-Dichloropropene	8.994	75	53	1.648	ug/l #	43
68) m/p-Xylenes	10.305	106	6578	0.750	ug/l	96
69) o-Xylene	10.646	106	2579	0.299	ug/l	93
76) 1,2,3-Trichloropropane	11.079	75	141574	21.987	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	141574	64.385	ug/l #	15
84) 1,2,4-Trimethylbenzene	11.756	105	6093	0.350	ug/l	97
95) Naphthalene	13.780	128	8004	0.410	ug/l	98

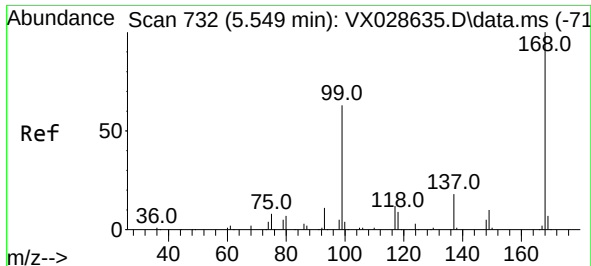
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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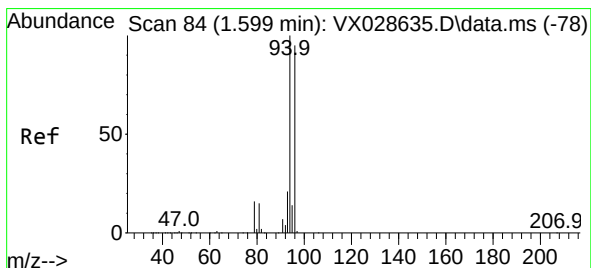
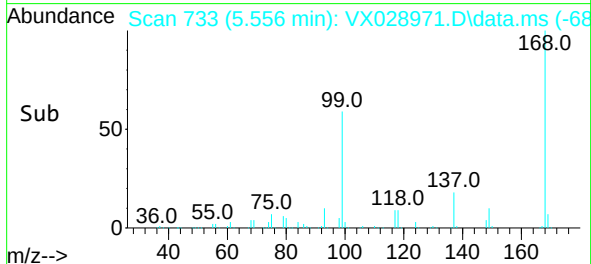
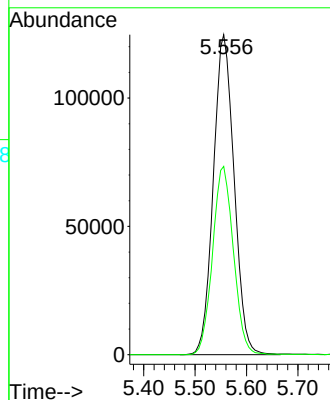
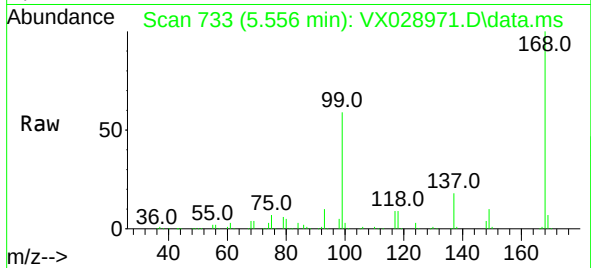




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028971.D
Acq: 26 May 2022 00:22

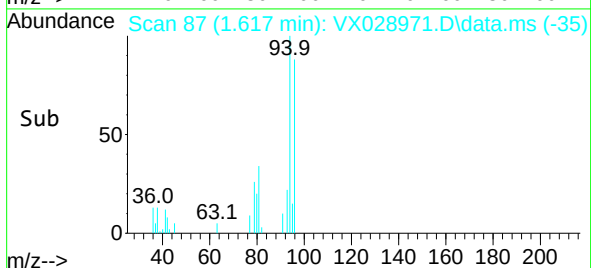
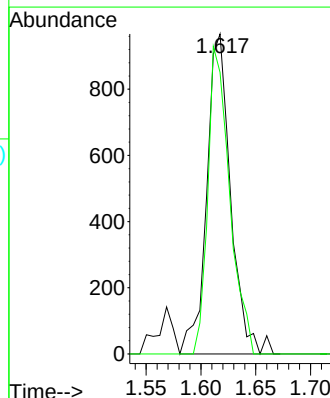
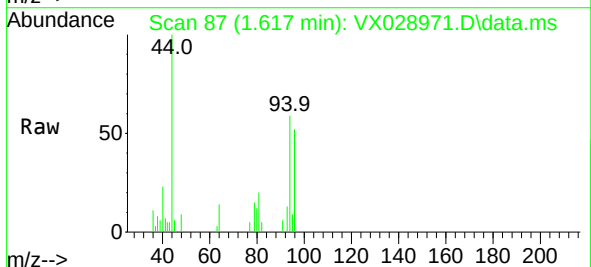
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-TB-20220524

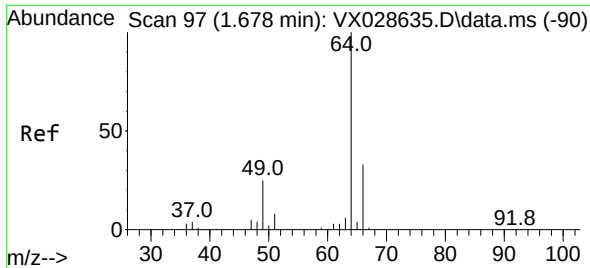
Tgt Ion:168 Resp: 350113
Ion Ratio Lower Upper
168 100
99 58.9 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX028971.D
Acq: 26 May 2022 00:22

Tgt Ion: 94 Resp: 1469
Ion Ratio Lower Upper
94 100
96 88.0 75.3 112.9

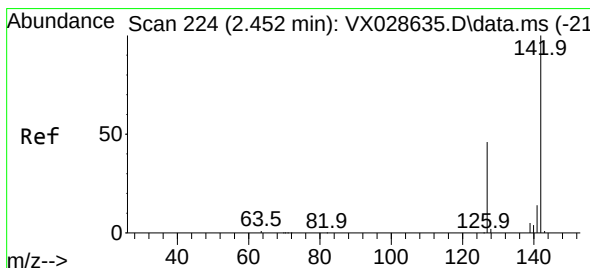
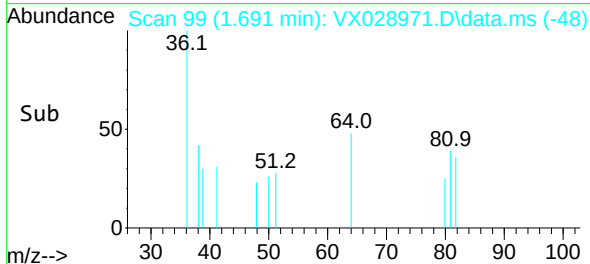
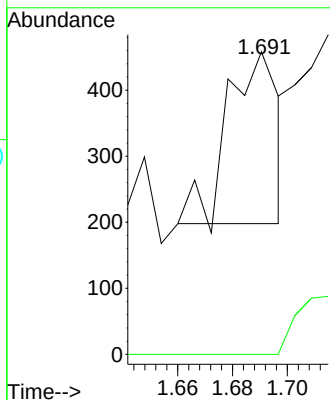
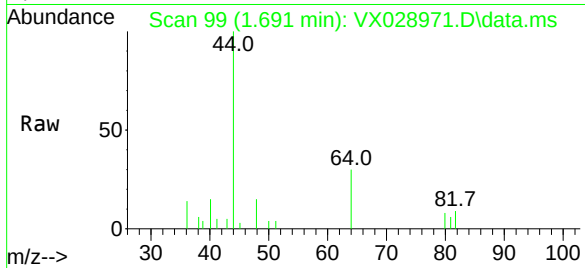




#6
Chloroethane
Concen: Below Cal
RT: 1.691 min Scan# 91
Delta R.T. 0.013 min
Lab File: VX028971.D
Acq: 26 May 2022 00:22

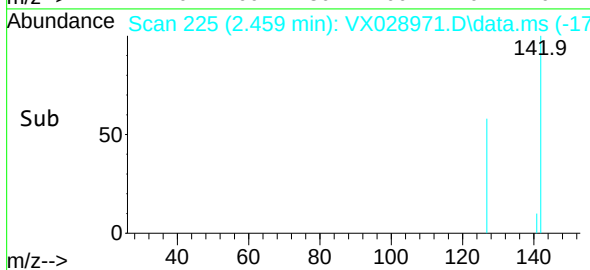
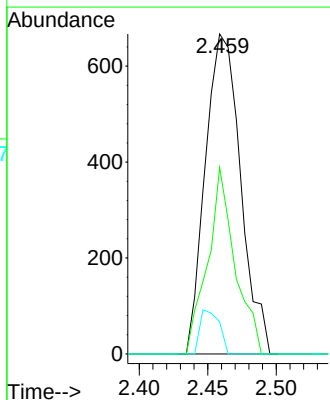
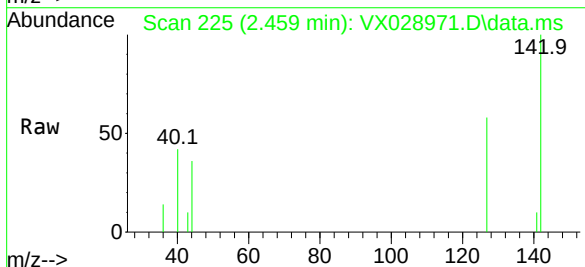
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-TB-20220524

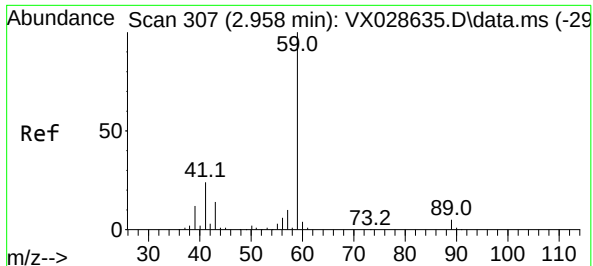
Tgt Ion: 64 Resp: 336
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#10
Methyl Iodide
Concen: 0.255 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.007 min
Lab File: VX028971.D
Acq: 26 May 2022 00:22

Tgt Ion: 142 Resp: 1194
Ion Ratio Lower Upper
142 100
127 45.2 33.9 50.9
141 7.5 11.4 17.2#

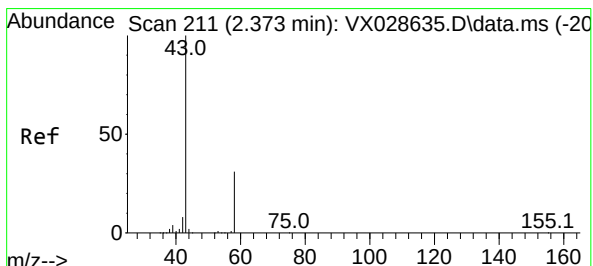
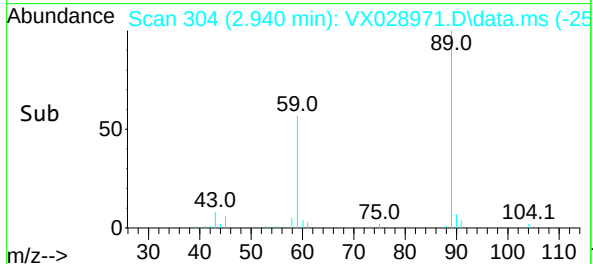
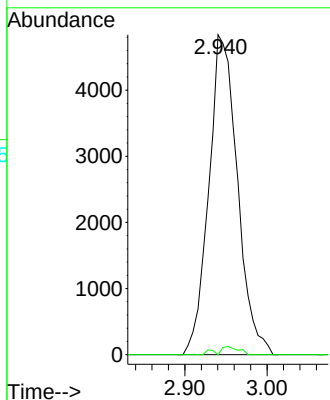
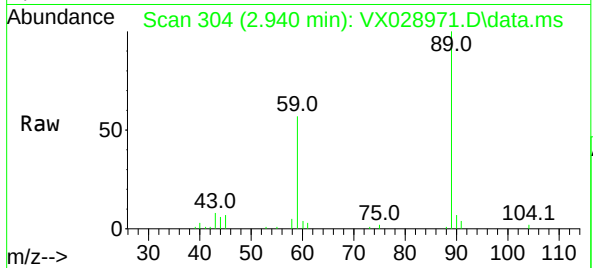




#11
Tert butyl alcohol
Concen: 3.628 ug/l
RT: 2.940 min Scan# 307
Delta R.T. -0.018 min
Lab File: VX028971.D
Acq: 26 May 2022 00:22

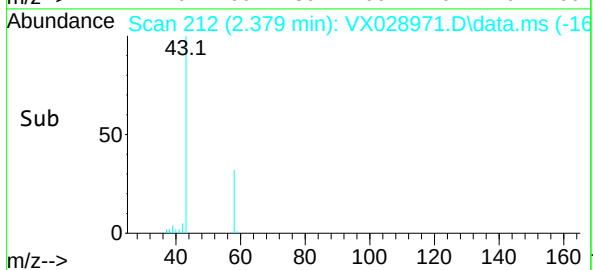
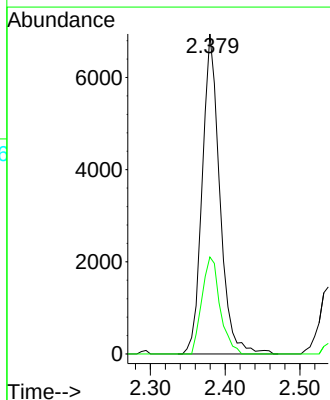
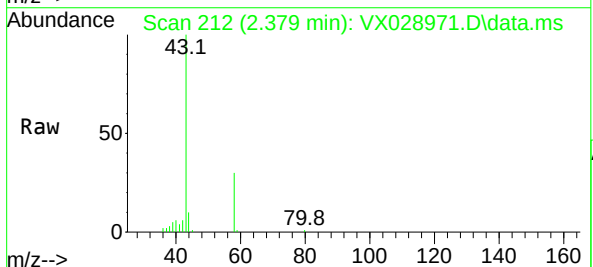
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-TB-20220524

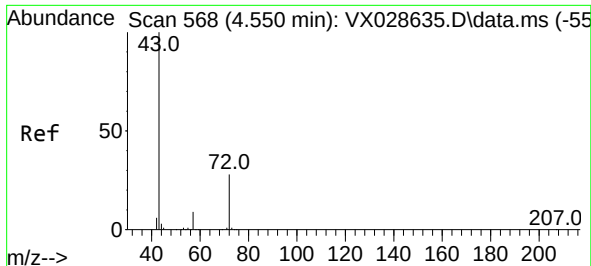
Tgt Ion: 59 Resp: 11704
Ion Ratio Lower Upper
59 100
57 1.9 8.3 12.5#



#16
Acetone
Concen: 5.504 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX028971.D
Acq: 26 May 2022 00:22

Tgt Ion: 43 Resp: 11336
Ion Ratio Lower Upper
43 100
58 30.3 28.8 43.2

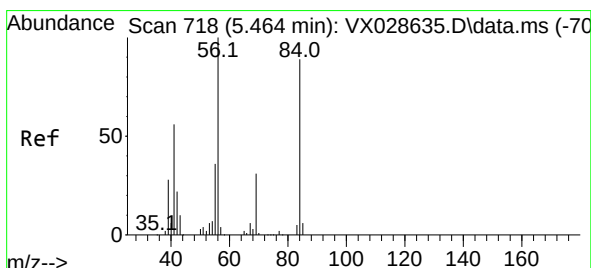
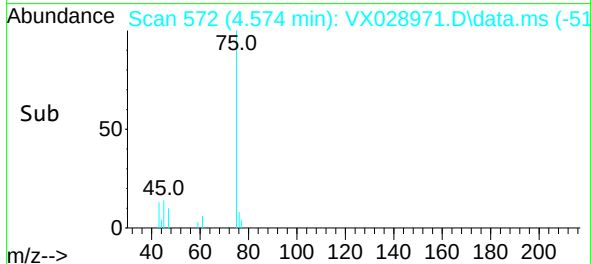
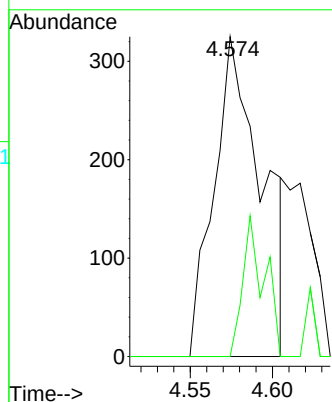
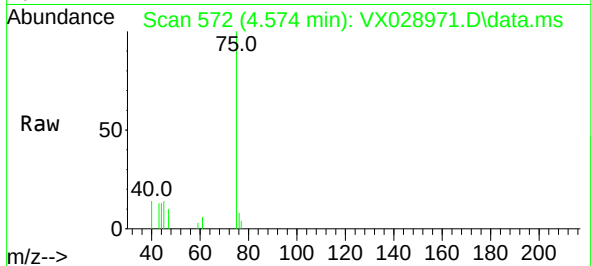




#25
2-Butanone
Concen: 0.204 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX028971.D
Acq: 26 May 2022 00:22

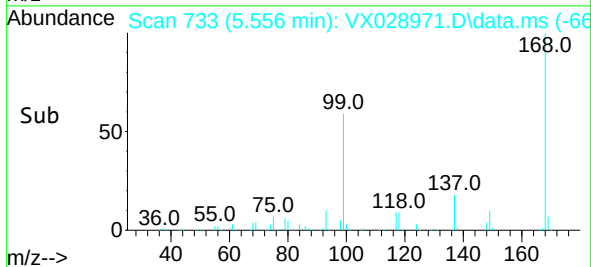
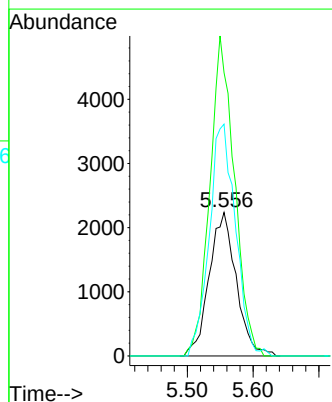
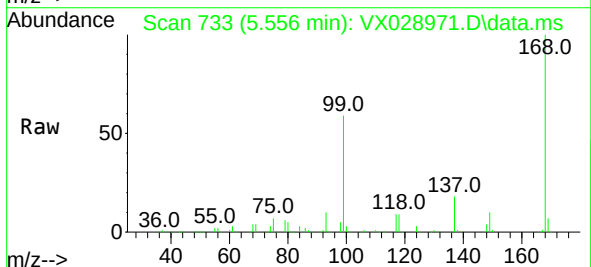
Instrument :
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ClientSampleId :
BP-TT-TB-20220524

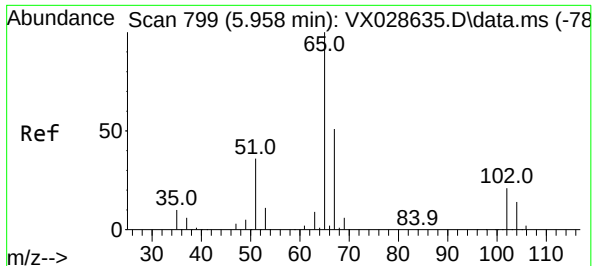
Tgt Ion: 43 Resp: 660
Ion Ratio Lower Upper
43 100
72 0.0 24.4 36.6#



#31
Cyclohexane
Concen: 0.963 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.092 min
Lab File: VX028971.D
Acq: 26 May 2022 00:22

Tgt Ion: 56 Resp: 6413
Ion Ratio Lower Upper
56 100
69 197.5 26.7 40.1#
84 161.6 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 47.527 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028971.D

Acq: 26 May 2022 00:22

Instrument :

MSVOA_X

ClientSampleId :

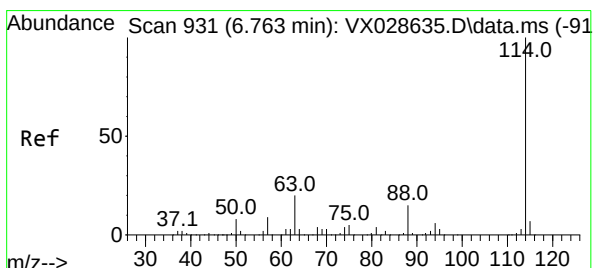
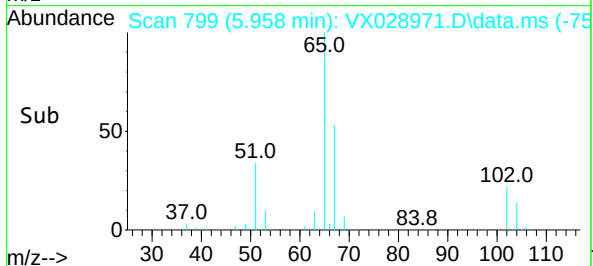
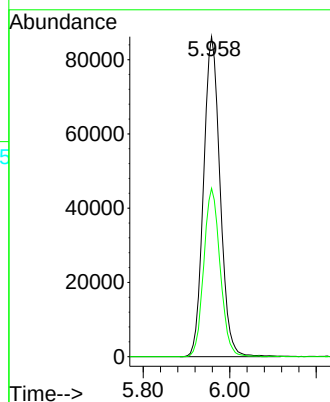
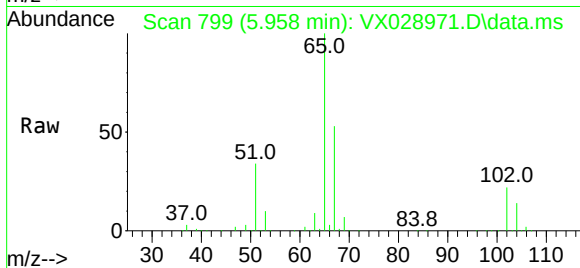
BP-TT-TB-20220524

Tgt Ion: 65 Resp: 228094

Ion Ratio Lower Upper

65 100

67 52.1 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX028971.D

Acq: 26 May 2022 00:22

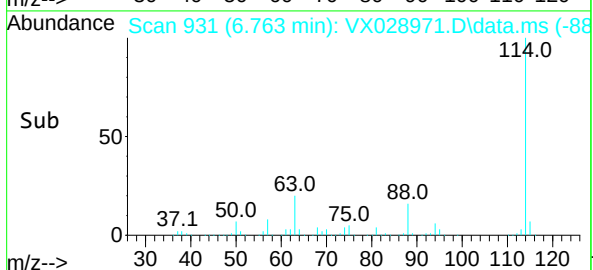
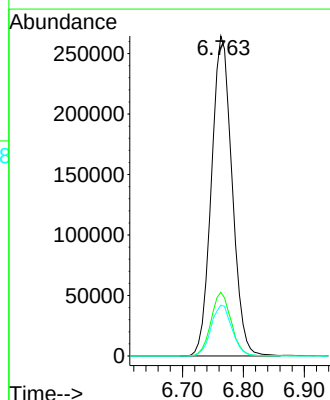
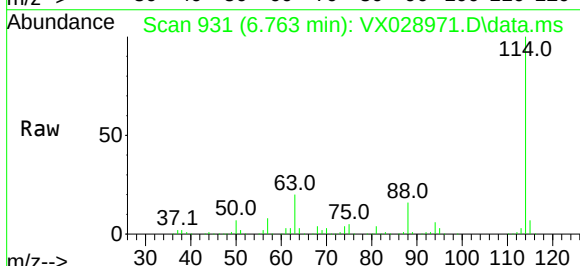
Tgt Ion: 114 Resp: 623189

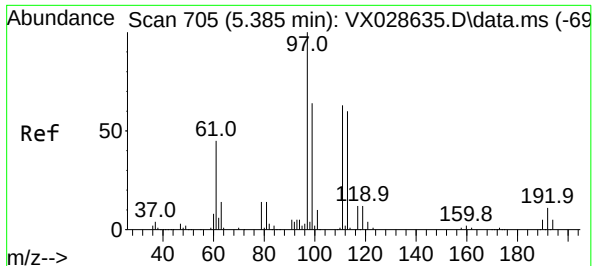
Ion Ratio Lower Upper

114 100

63 19.9 0.0 36.8

88 15.9 0.0 32.4

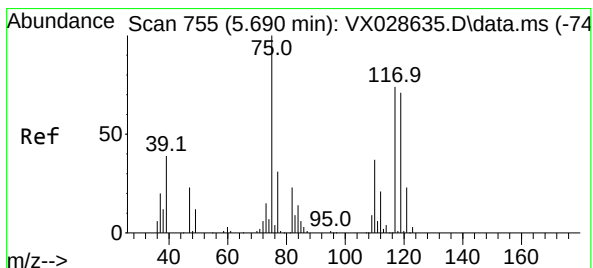
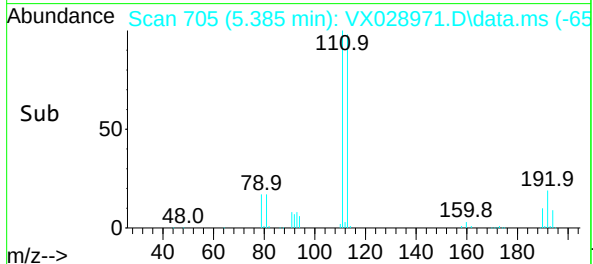
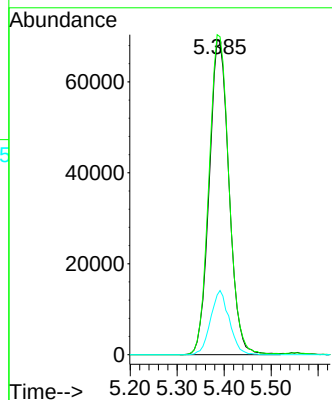
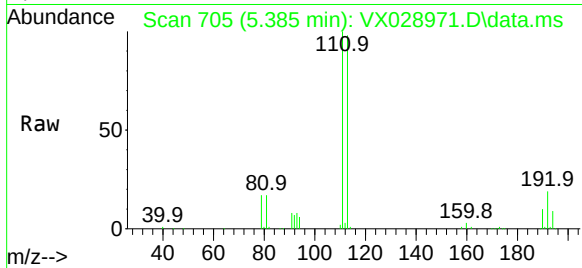




#35
Dibromofluoromethane
Concen: 49.565 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX028971.D
Acq: 26 May 2022 00:22

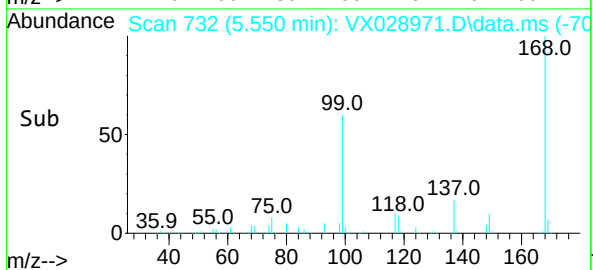
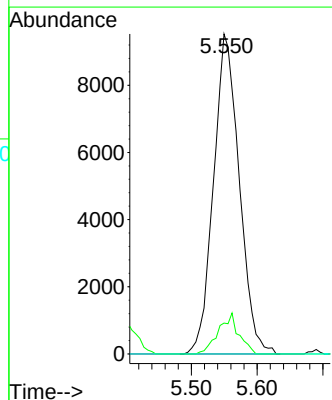
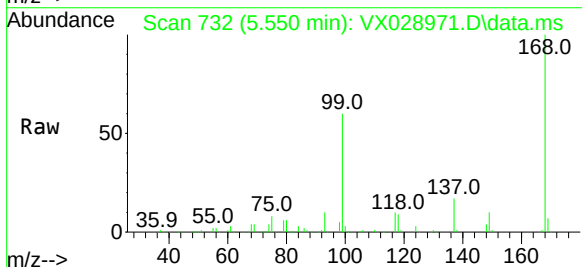
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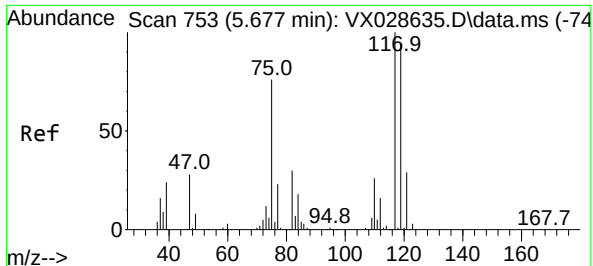
Tgt Ion:113 Resp: 202376
Ion Ratio Lower Upper
113 100
111 102.7 82.8 124.2
192 19.3 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.229 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX028971.D
Acq: 26 May 2022 00:22

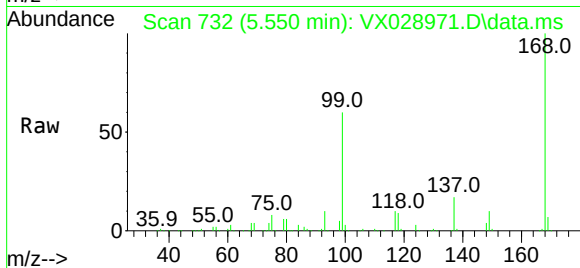
Tgt Ion: 75 Resp: 25935
Ion Ratio Lower Upper
75 100
110 10.1 18.3 54.8#
77 0.0 24.8 37.2#



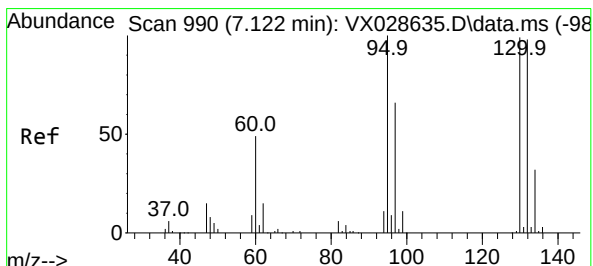
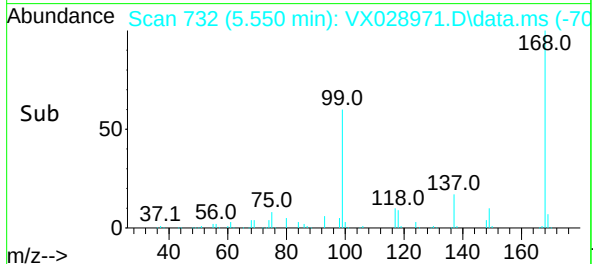
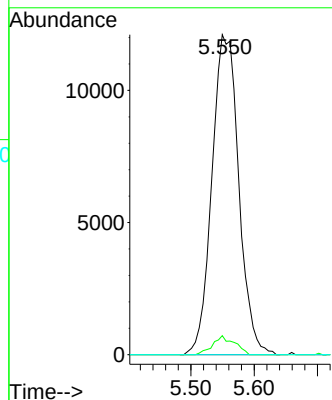


#38
Carbon Tetrachloride
Concen: 5.779 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.127 min
Lab File: VX028971.D
Acq: 26 May 2022 00:22

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-TB-20220524

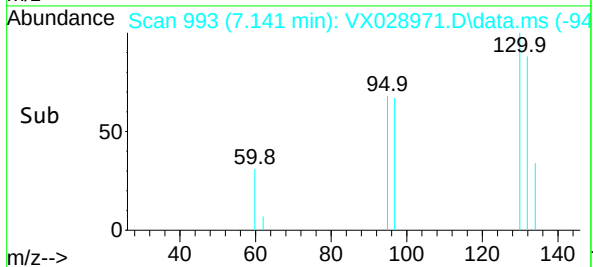
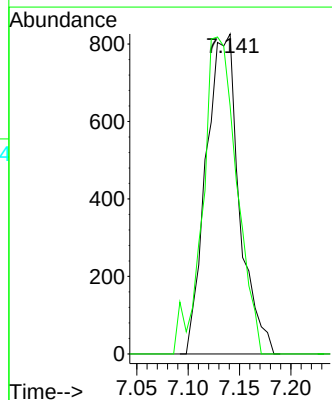
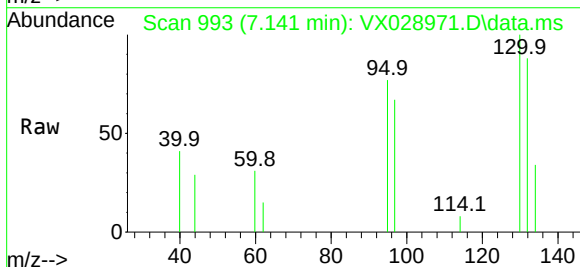


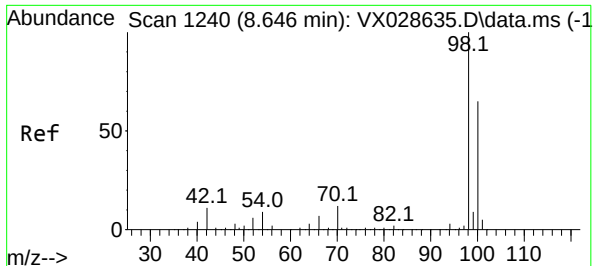
Tgt Ion:117 Resp: 35668
Ion Ratio Lower Upper
117 100
119 6.0 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: 0.387 ug/l
RT: 7.141 min Scan# 993
Delta R.T. 0.019 min
Lab File: VX028971.D
Acq: 26 May 2022 00:22

Tgt Ion:130 Resp: 1850
Ion Ratio Lower Upper
130 100
95 77.5 0.0 188.8





#50

Toluene-d8

Concen: 47.813 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.007 min

Lab File: VX028971.D

Acq: 26 May 2022 00:22

Instrument :

MSVOA_X

ClientSampleId :

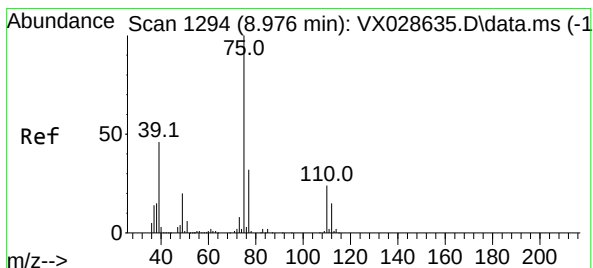
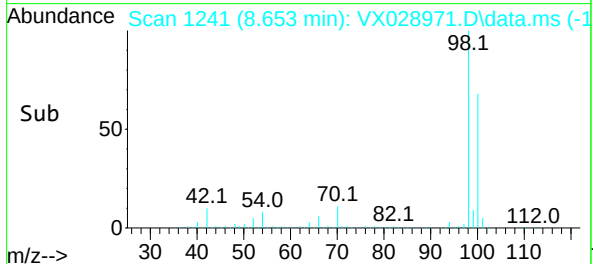
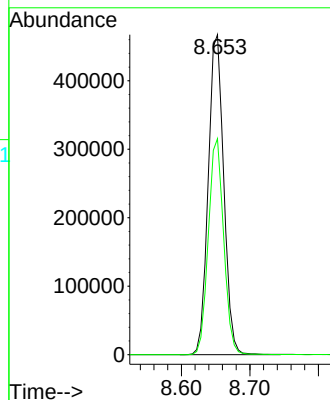
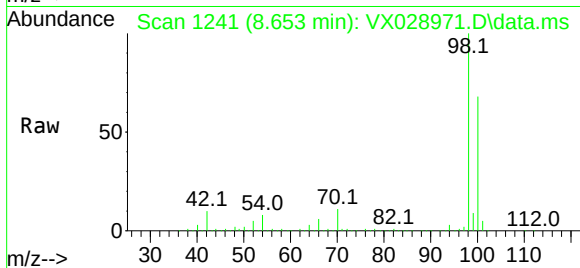
BP-TT-TB-20220524

Tgt Ion: 98 Resp: 736022

Ion Ratio Lower Upper

98 100

100 66.8 52.6 78.8



#53

t-1,3-Dichloropropene

Concen: 1.648 ug/l

RT: 8.994 min Scan# 1297

Delta R.T. 0.018 min

Lab File: VX028971.D

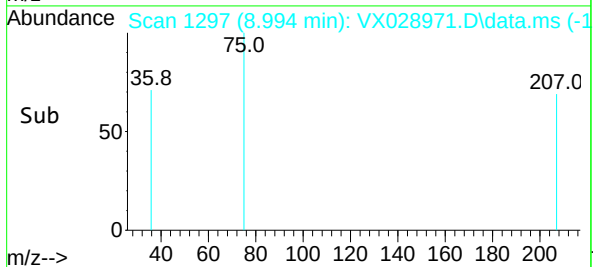
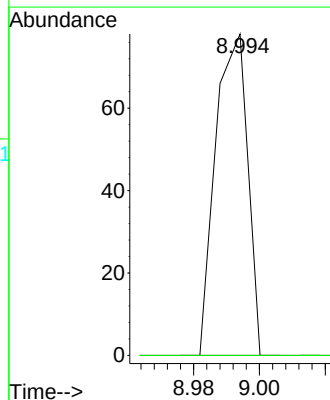
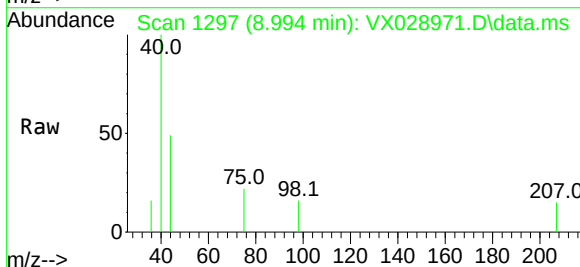
Acq: 26 May 2022 00:22

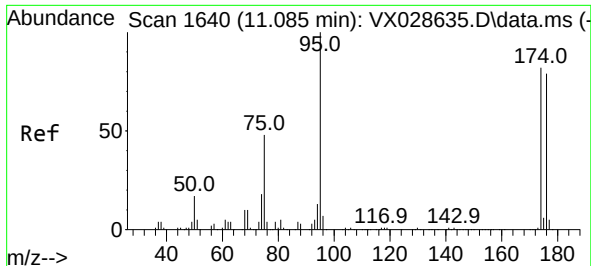
Tgt Ion: 75 Resp: 53

Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.0#





#62

4-Bromofluorobenzene

Concen: 50.170 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX028971.D

Acq: 26 May 2022 00:22

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-TB-20220524

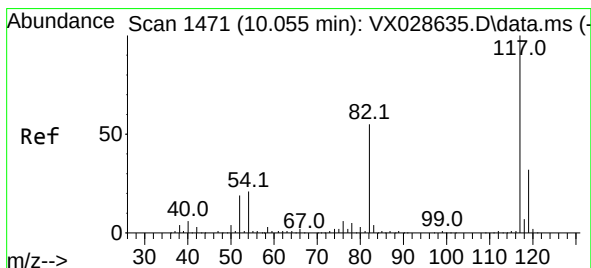
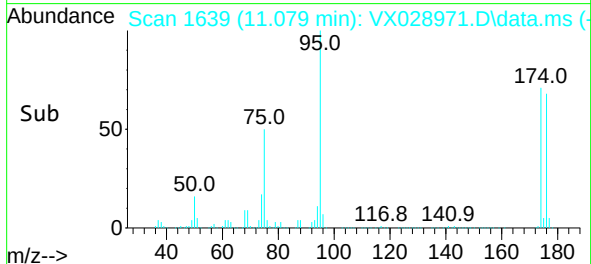
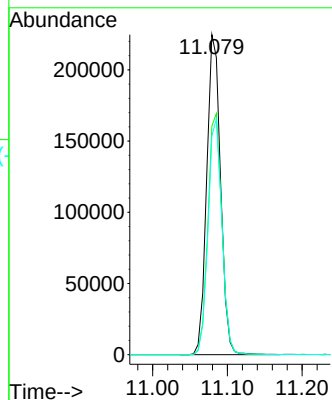
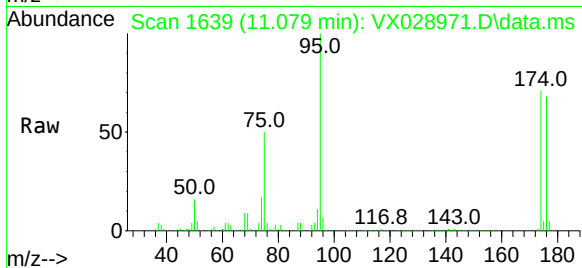
Tgt Ion: 95 Resp: 288461

Ion Ratio Lower Upper

95 100

174 76.4 0.0 163.0

176 73.8 0.0 155.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX028971.D

Acq: 26 May 2022 00:22

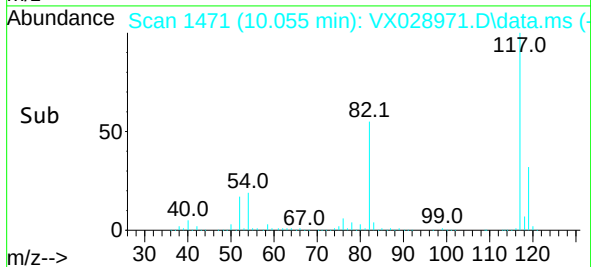
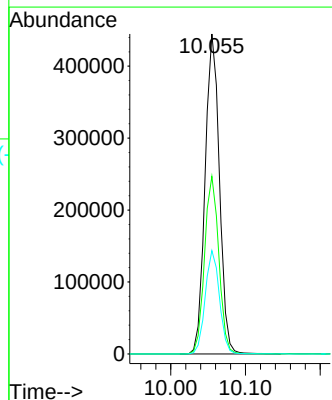
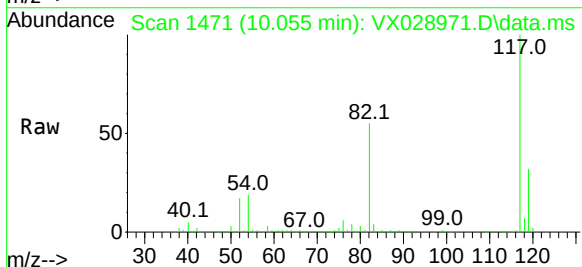
Tgt Ion: 117 Resp: 592261

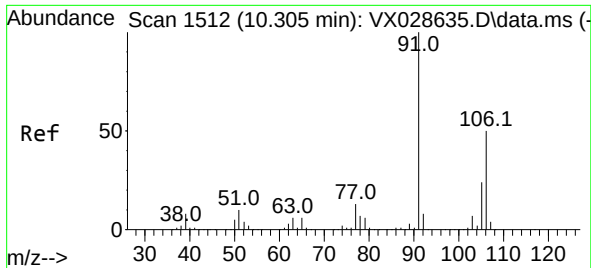
Ion Ratio Lower Upper

117 100

82 55.5 41.8 62.8

119 32.3 24.8 37.2

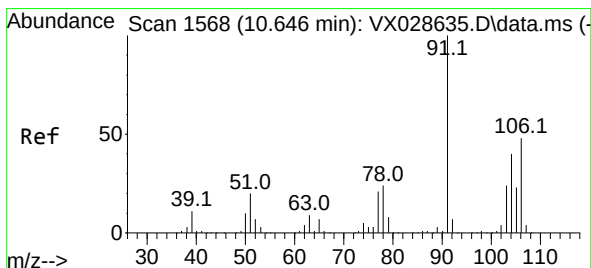
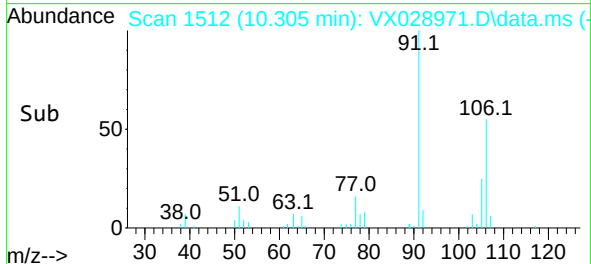
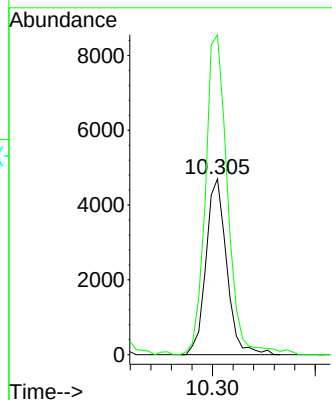
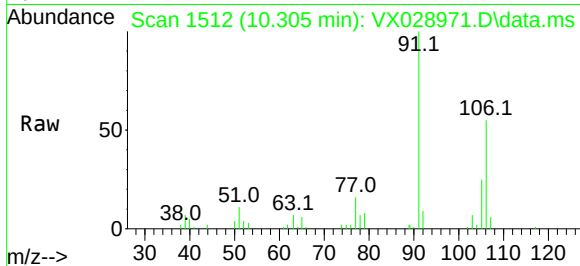




#68
m/p-Xylenes
Concen: 0.750 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX028971.D
Acq: 26 May 2022 00:22

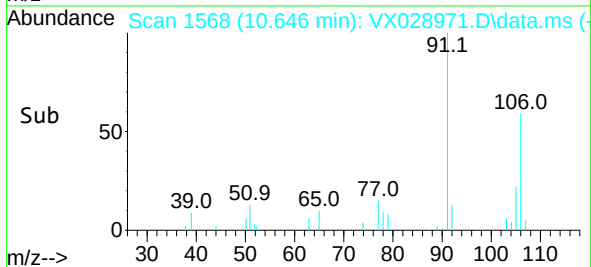
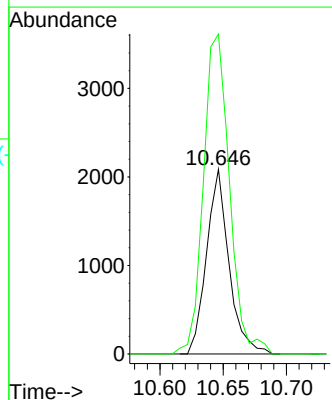
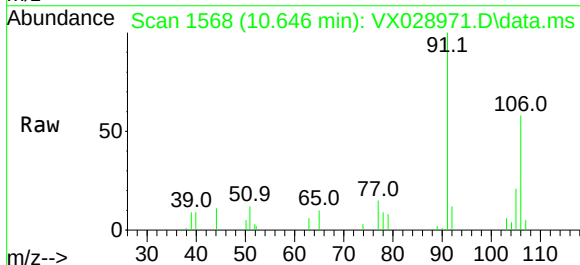
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-TB-20220524

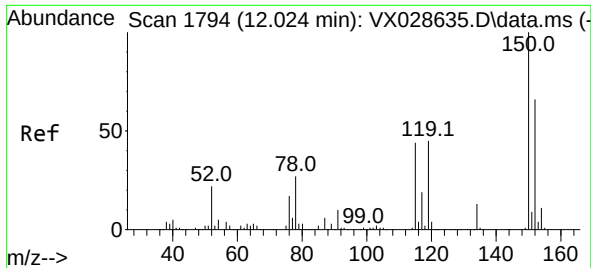
Tgt Ion:106 Resp: 6578
Ion Ratio Lower Upper
106 100
91 194.9 160.4 240.6



#69
o-Xylene
Concen: 0.299 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX028971.D
Acq: 26 May 2022 00:22

Tgt Ion:106 Resp: 2579
Ion Ratio Lower Upper
106 100
91 200.9 106.1 318.1

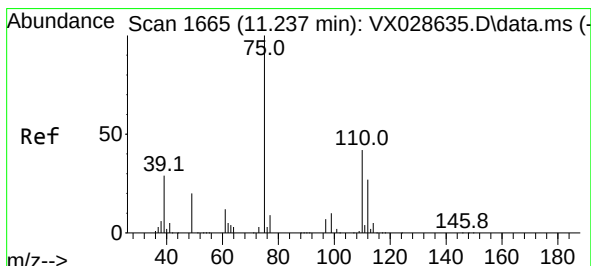
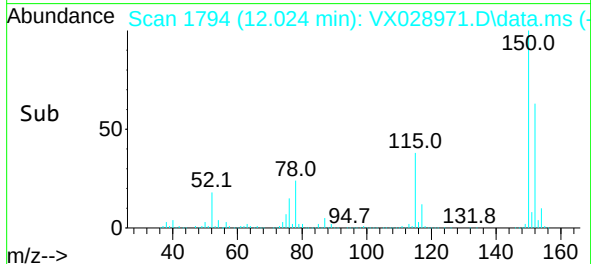
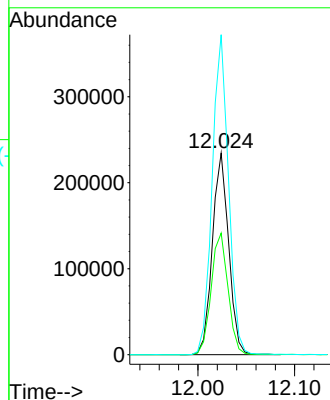
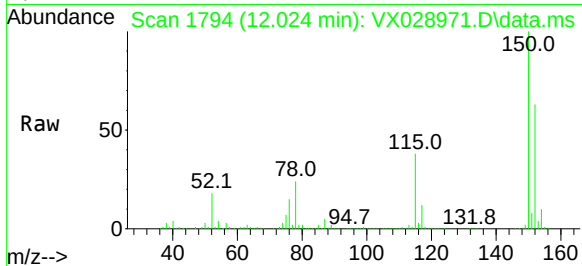




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX028971.D
 Acq: 26 May 2022 00:22

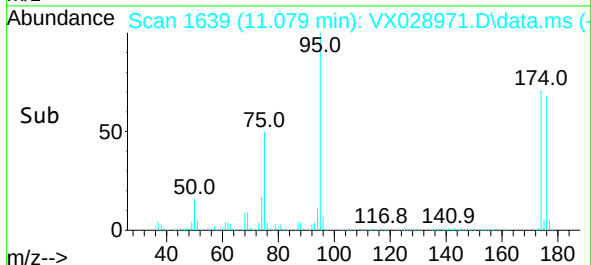
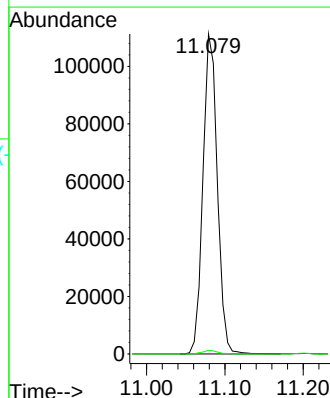
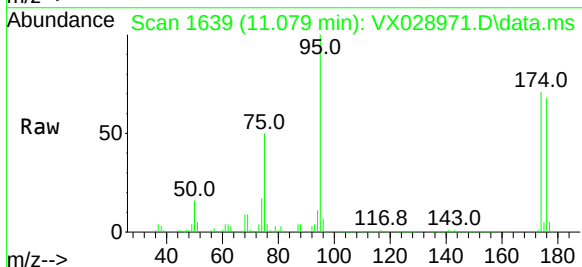
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-TB-20220524

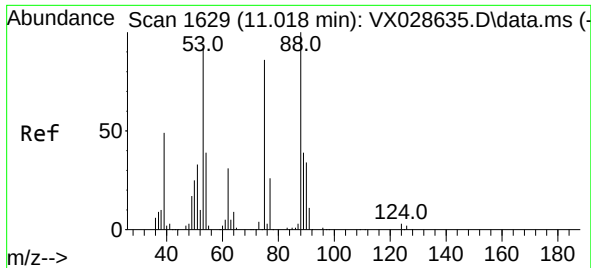
Tgt Ion:152 Resp: 274948
 Ion Ratio Lower Upper
 152 100
 115 62.3 37.5 112.7
 150 158.9 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 21.987 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX028971.D
 Acq: 26 May 2022 00:22

Tgt Ion: 75 Resp: 141574
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.4 58.2#

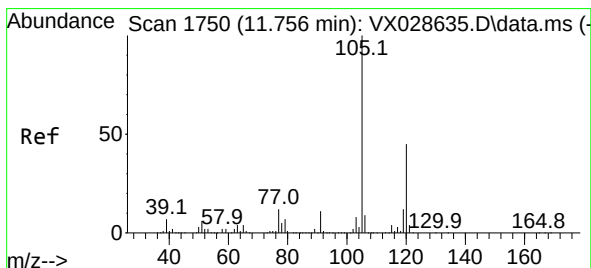
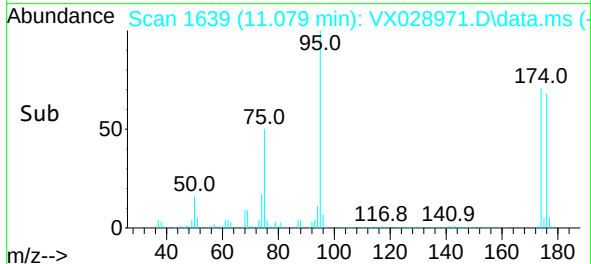
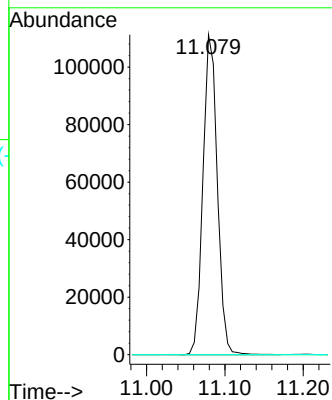
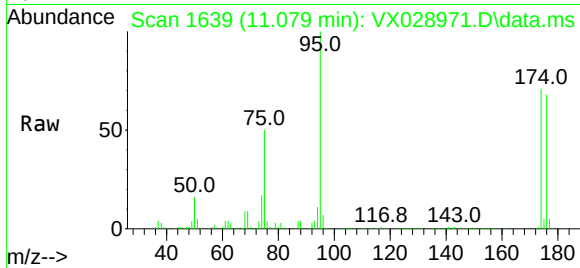




#81
trans-1,4-Dichloro-2-butene
Concen: 64.385 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028971.D
Acq: 26 May 2022 00:22

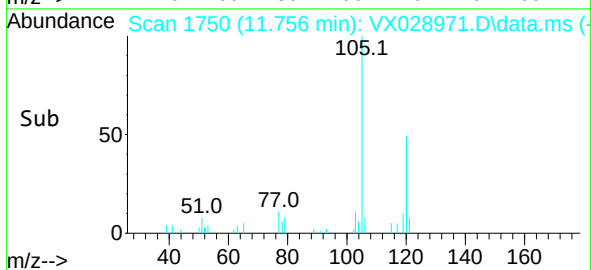
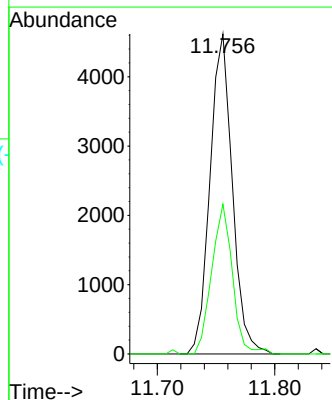
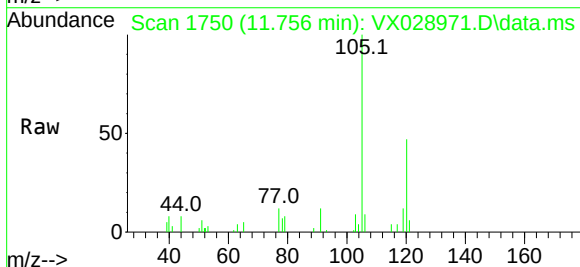
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-TB-20220524

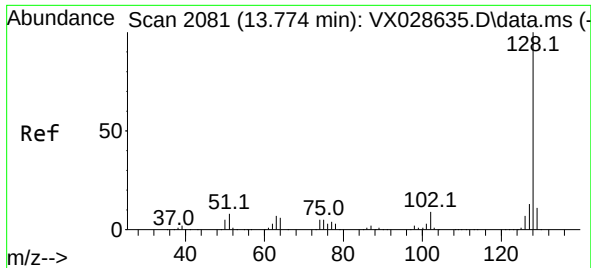
Tgt Ion: 75 Resp: 141574
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#84
1,2,4-Trimethylbenzene
Concen: 0.350 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX028971.D
Acq: 26 May 2022 00:22

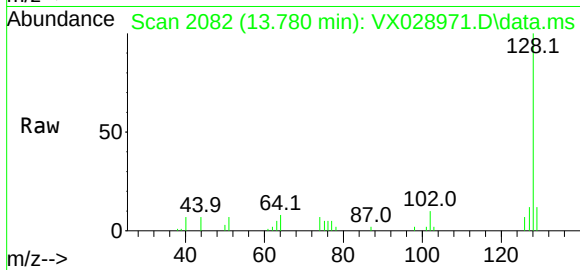
Tgt Ion: 105 Resp: 6093
Ion Ratio Lower Upper
105 100
120 43.5 22.6 67.8





#95
Naphthalene
Concen: 0.410 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX028971.D
Acq: 26 May 2022 00:22

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-TB-20220524



Tgt Ion:128 Resp: 8004
Ion Ratio Lower Upper
128 100
127 11.8 10.2 15.4
129 10.7 8.7 13.1

