

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051322\
 Data File : VX028676.D
 Acq On : 13 May 2022 14:33
 Operator : JC/MD
 Sample : N2794-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TB01-20220510

Quant Time: May 16 02:21:05 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)

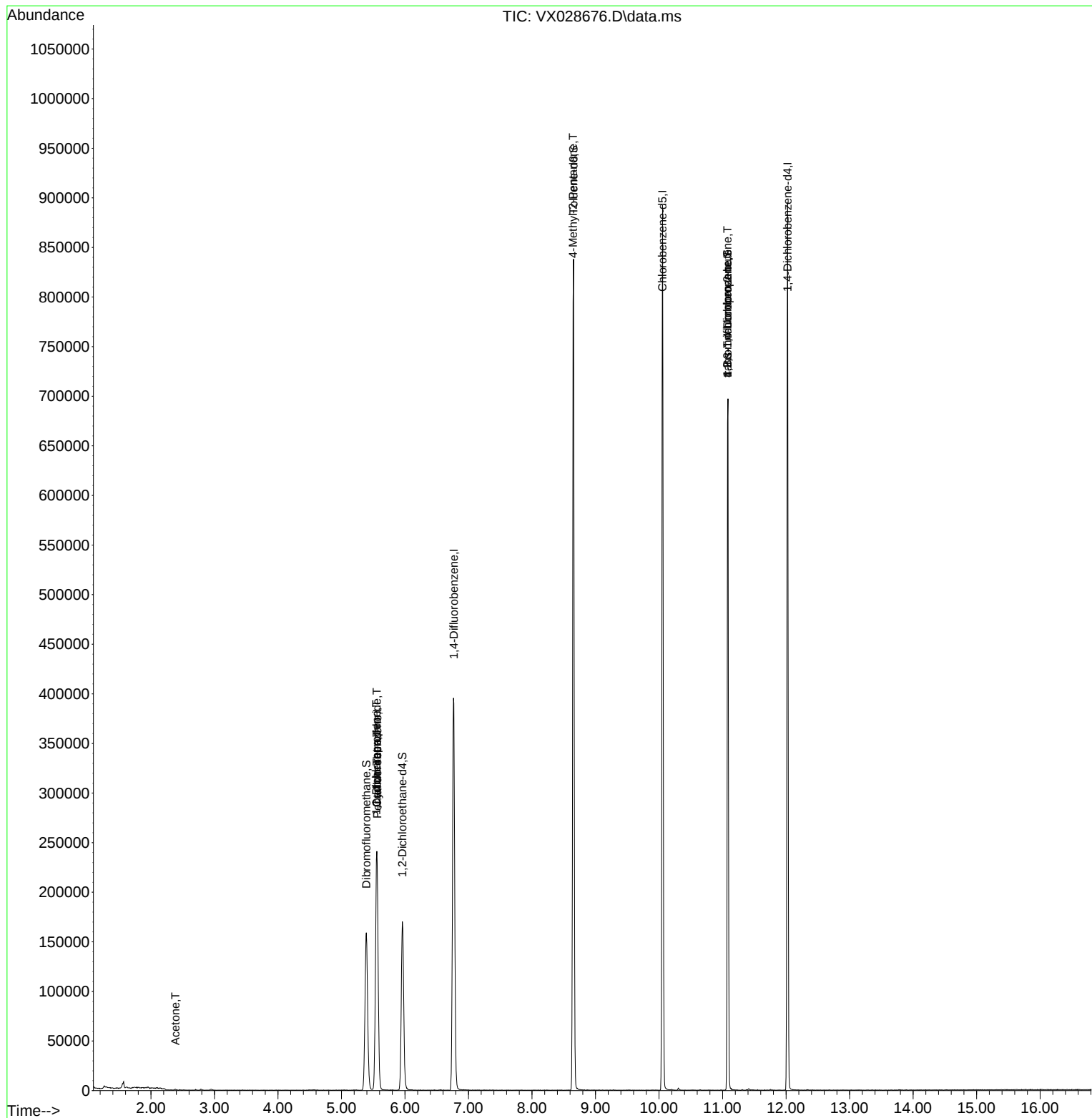
Internal Standards						
1) Pentafluorobenzene	5.562	168	222294	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.769	114	408740	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	387790	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	171443	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	162792	53.425	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 106.840%	
35) Dibromofluoromethane	5.391	113	136347	50.914	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 101.820%	
50) Toluene-d8	8.653	98	494604	48.987	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 97.980%	
62) 4-Bromofluorobenzene	11.079	95	180232	47.792	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 95.580%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	429	Below Cal	#	74
6) Chloroethane	1.678	64	195	Below Cal	#	43
11) Tert butyl alcohol	2.940	59	571	Below Cal	#	72
16) Acetone	2.386	43	1139	0.871	ug/l	93
31) Cyclohexane	5.556	56	5225	1.235	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	18764	4.665	ug/l	# 49
38) Carbon Tetrachloride	5.556	117	23695	5.854	ug/l	# 16
51) 4-Methyl-2-Pentanone	8.647	43	2467	0.570	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	97500	24.284	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	97500	70.707	ug/l	# 15

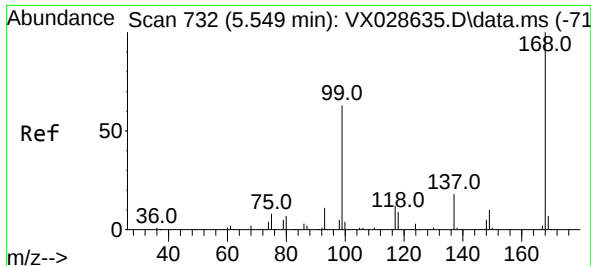
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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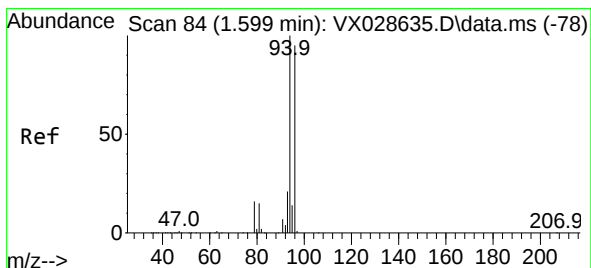
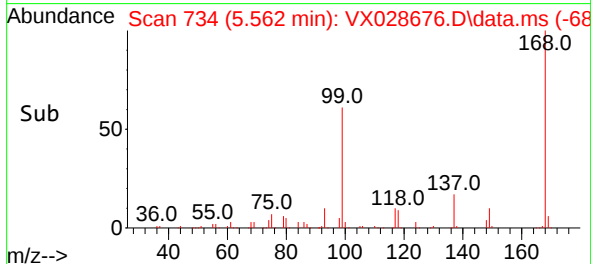
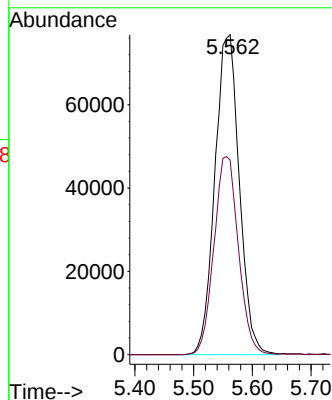
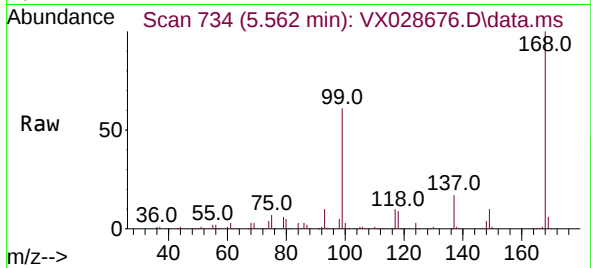




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.013 min
Lab File: VX028676.D
Acq: 13 May 2022 14:33

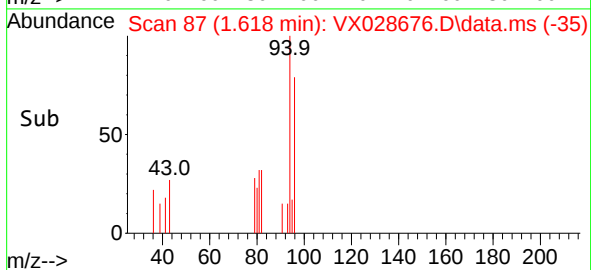
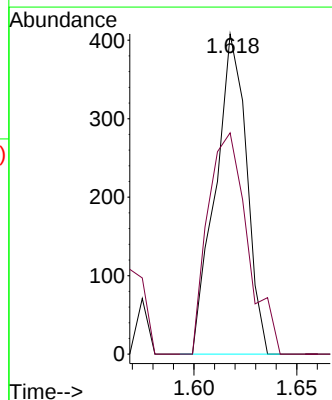
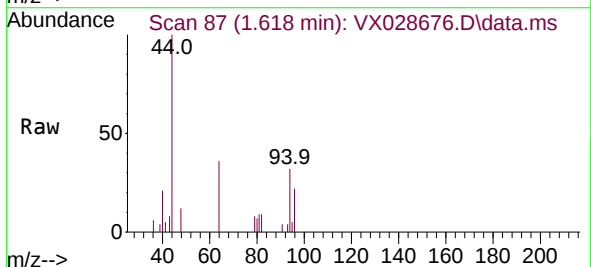
Instrument :
MSVOA_X
ClientSampleId :
BP-TB01-20220510

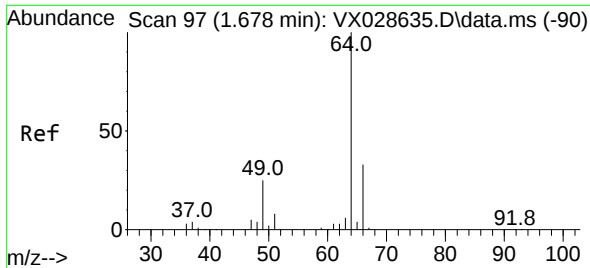
Tgt Ion:168 Resp: 222294
Ion Ratio Lower Upper
168 100
99 60.9 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX028676.D
Acq: 13 May 2022 14:33

Tgt Ion: 94 Resp: 429
Ion Ratio Lower Upper
94 100
96 69.1 75.3 112.9#

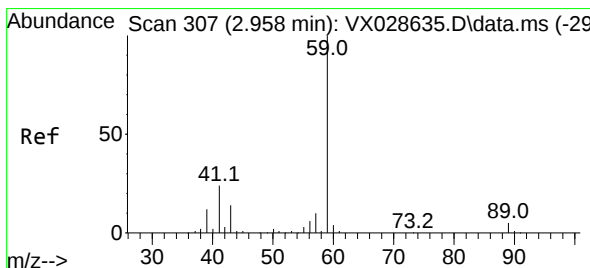
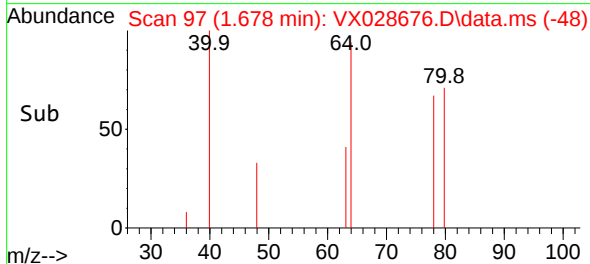
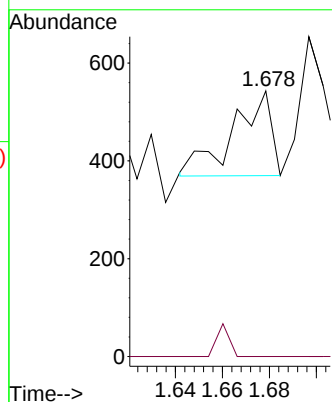
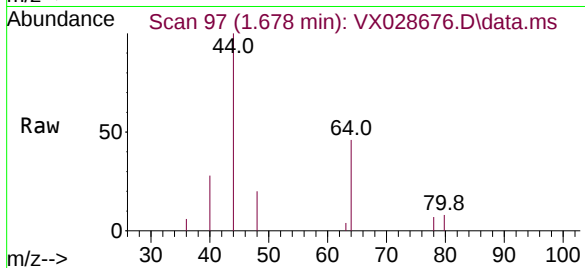




#6
Chloroethane
Concen: Below Cal
RT: 1.678 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX028676.D
Acq: 13 May 2022 14:33

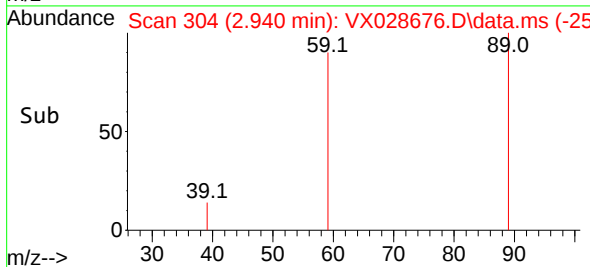
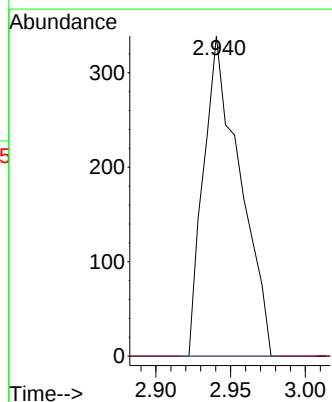
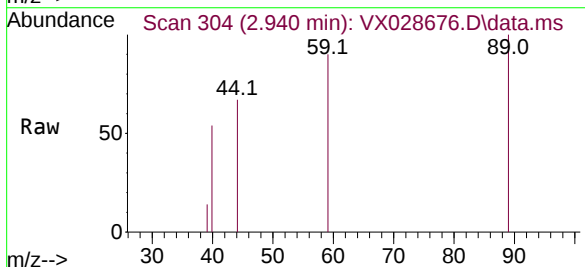
Instrument :
MSVOA_X
ClientSampleId :
BP-TB01-20220510

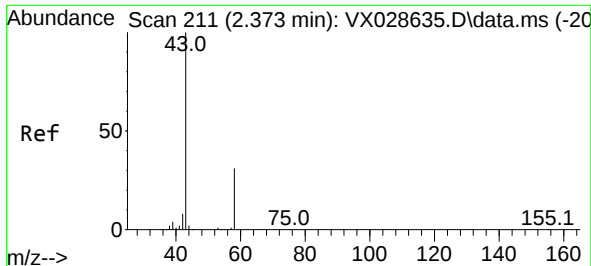
Tgt Ion: 64 Resp: 195
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.940 min Scan# 304
Delta R.T. -0.018 min
Lab File: VX028676.D
Acq: 13 May 2022 14:33

Tgt Ion: 59 Resp: 571
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

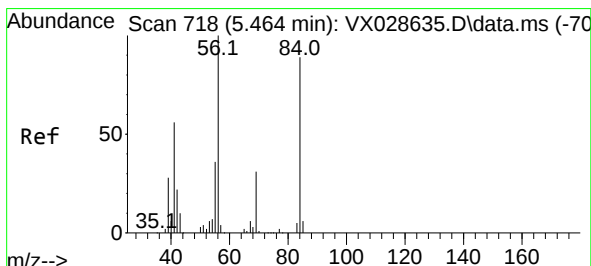
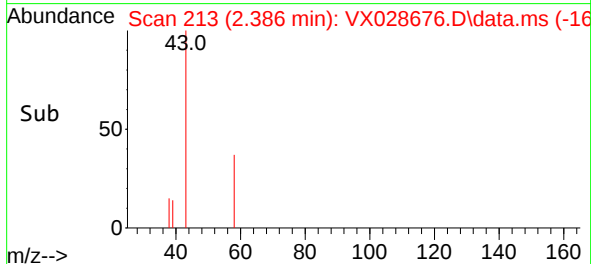
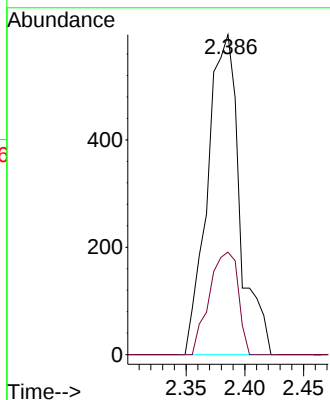
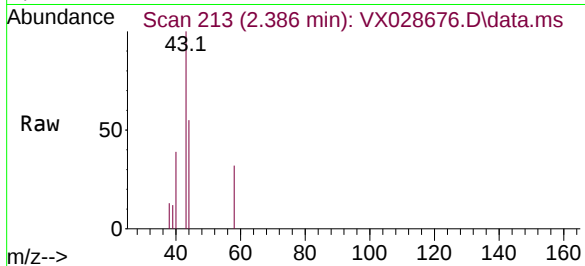




#16
Acetone
Concen: 0.871 ug/l
RT: 2.386 min Scan# 211
Delta R.T. 0.013 min
Lab File: VX028676.D
Acq: 13 May 2022 14:33

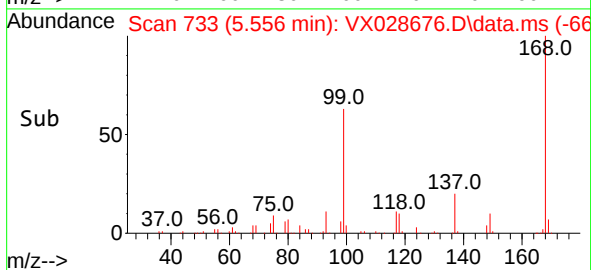
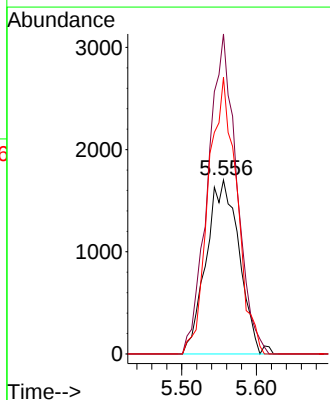
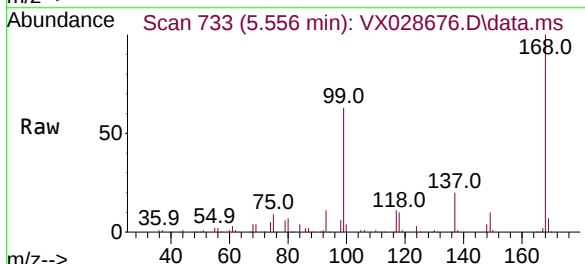
Instrument :
MSVOA_X
ClientSampleId :
BP-TB01-20220510

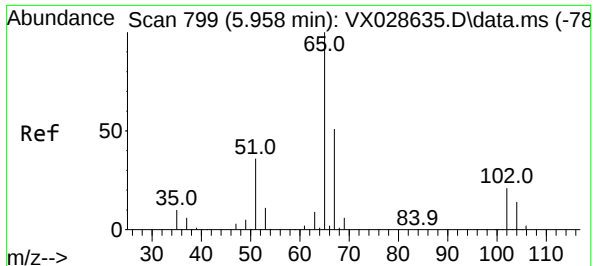
Tgt Ion: 43 Resp: 1139
Ion Ratio Lower Upper
43 100
58 32.0 28.8 43.2



#31
Cyclohexane
Concen: 1.235 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.092 min
Lab File: VX028676.D
Acq: 13 May 2022 14:33

Tgt Ion: 56 Resp: 5225
Ion Ratio Lower Upper
56 100
69 184.0 26.7 40.1#
84 159.0 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 53.425 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028676.D

Acq: 13 May 2022 14:33

Instrument :

MSVOA_X

ClientSampleId :

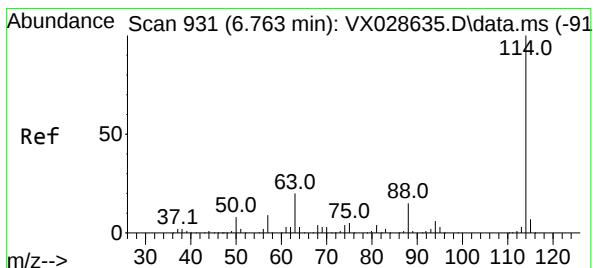
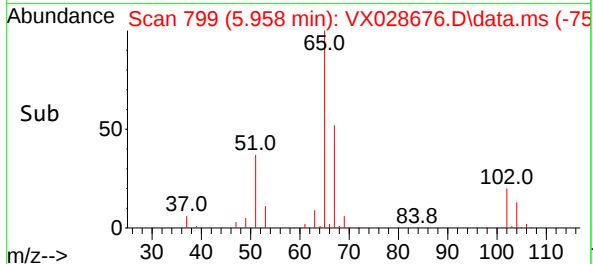
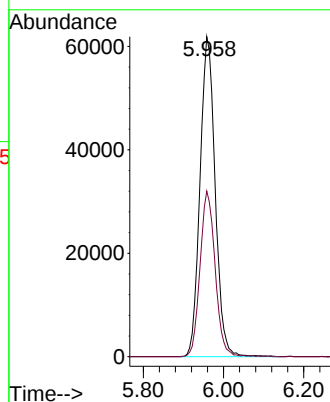
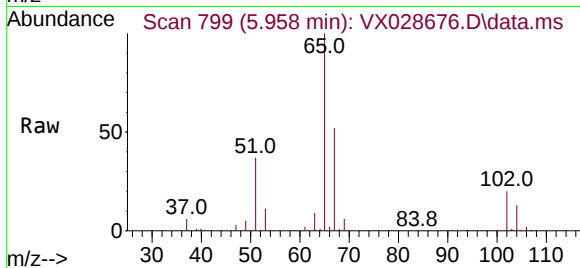
BP-TB01-20220510

Tgt Ion: 65 Resp: 162792

Ion Ratio Lower Upper

65 100

67 51.5 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX028676.D

Acq: 13 May 2022 14:33

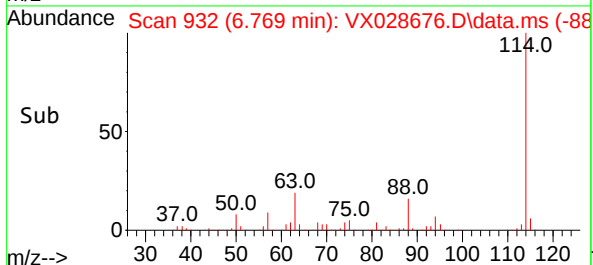
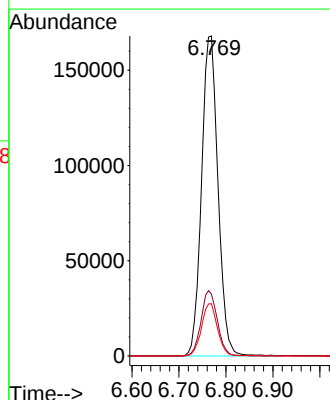
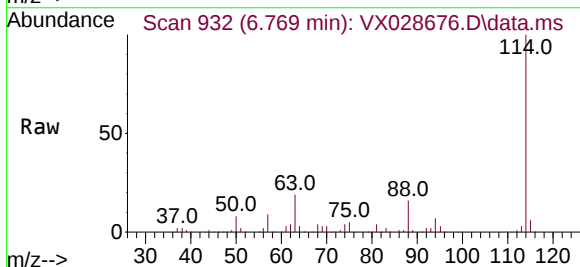
Tgt Ion: 114 Resp: 408740

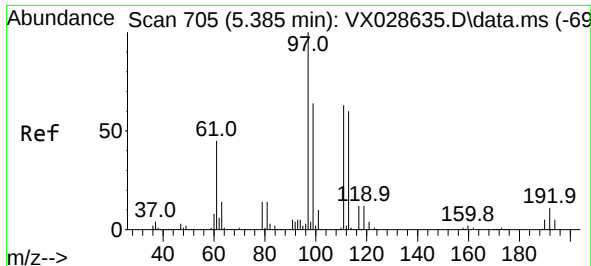
Ion Ratio Lower Upper

114 100

63 19.4 0.0 36.8

88 16.4 0.0 32.4





#35

Dibromofluoromethane

Concen: 50.914 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX028676.D

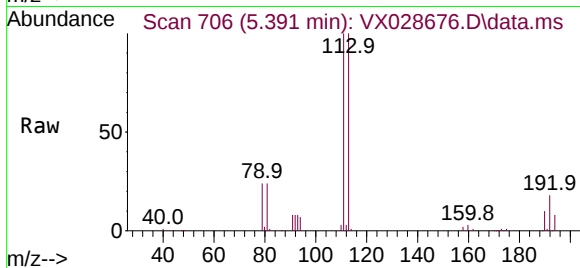
Acq: 13 May 2022 14:33

Instrument :

MSVOA_X

ClientSampleId :

BP-TB01-20220510



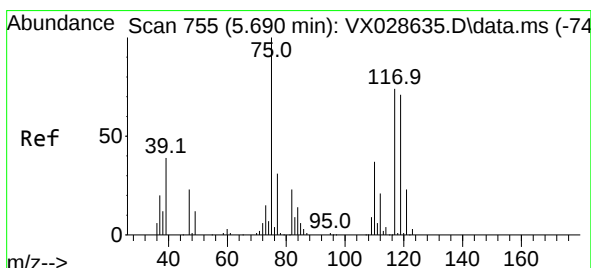
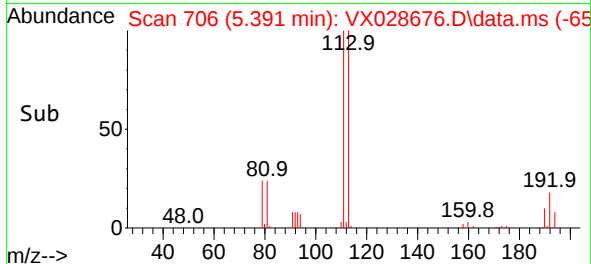
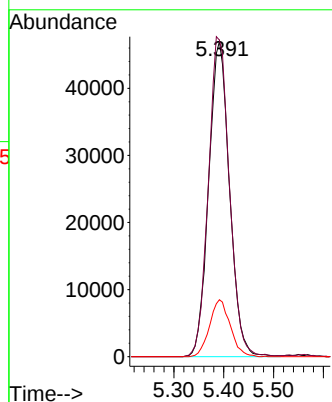
Tgt Ion:113 Resp: 136347

Ion Ratio Lower Upper

113 100

111 102.7 82.8 124.2

192 17.9 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.665 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX028676.D

Acq: 13 May 2022 14:33

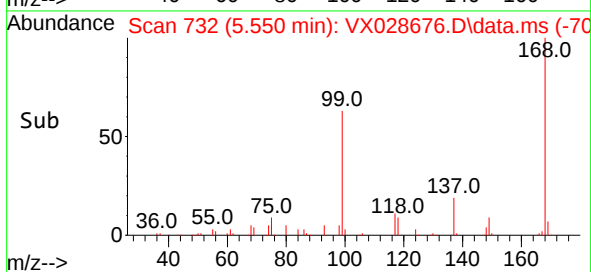
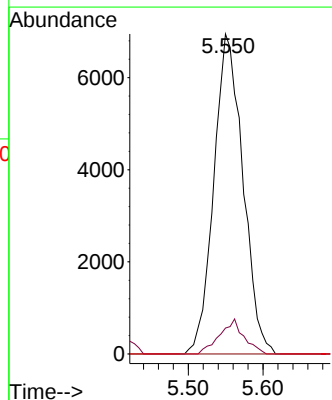
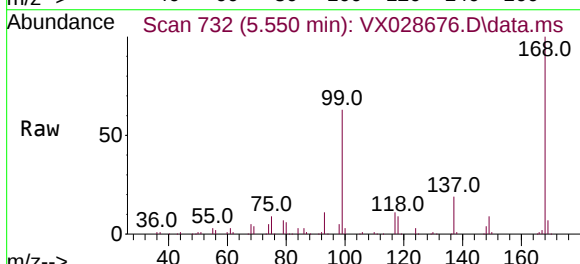
Tgt Ion: 75 Resp: 18764

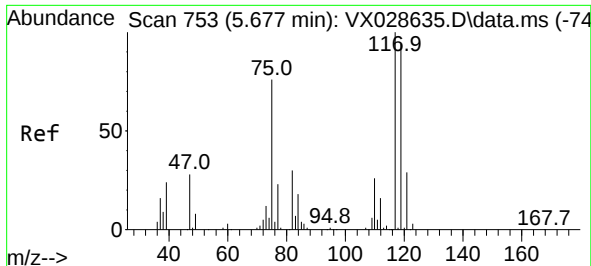
Ion Ratio Lower Upper

75 100

110 9.1 18.3 54.8#

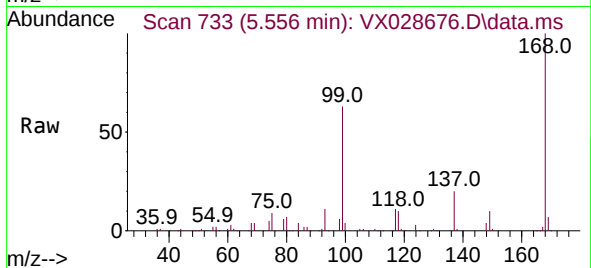
77 0.0 24.8 37.2#



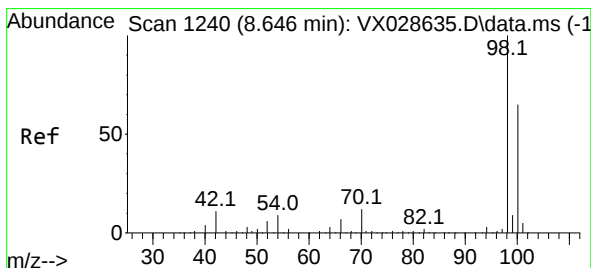
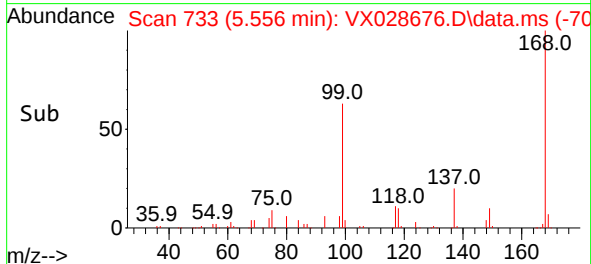
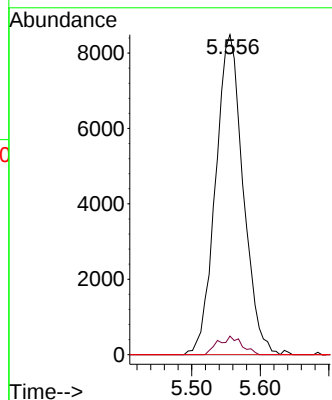


#38
Carbon Tetrachloride
Concen: 5.854 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.121 min
Lab File: VX028676.D
Acq: 13 May 2022 14:33

Instrument :
MSVOA_X
ClientSampleId :
BP-TB01-20220510

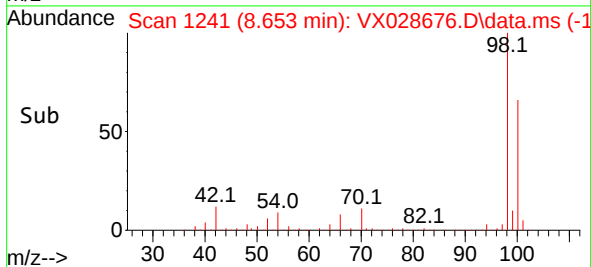
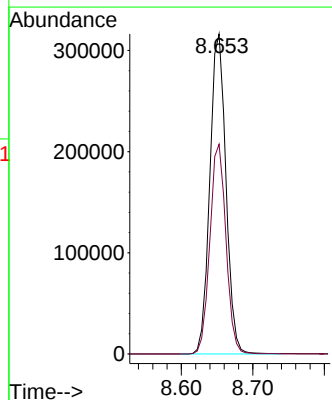
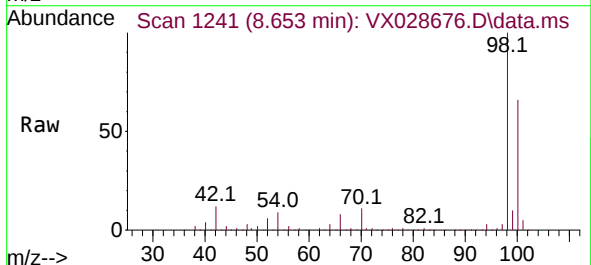


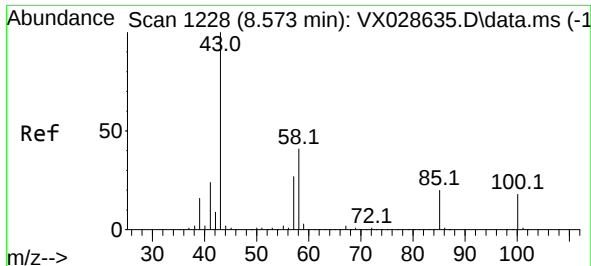
Tgt Ion:117 Resp: 23695
Ion Ratio Lower Upper
117 100
119 5.8 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 48.987 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028676.D
Acq: 13 May 2022 14:33

Tgt Ion: 98 Resp: 494604
Ion Ratio Lower Upper
98 100
100 65.5 52.6 78.8

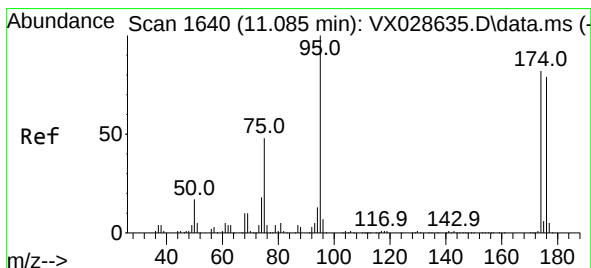
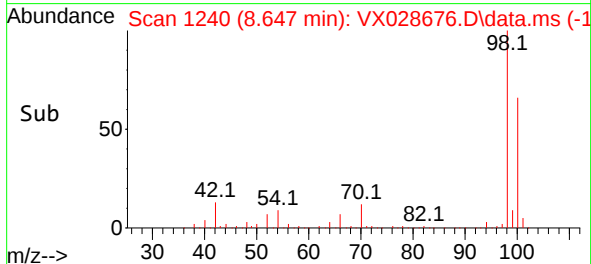
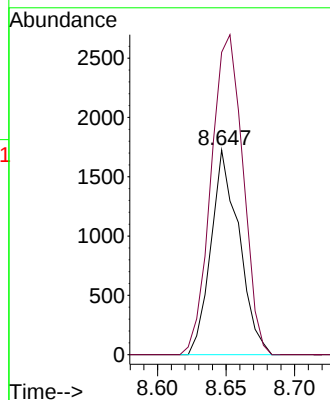
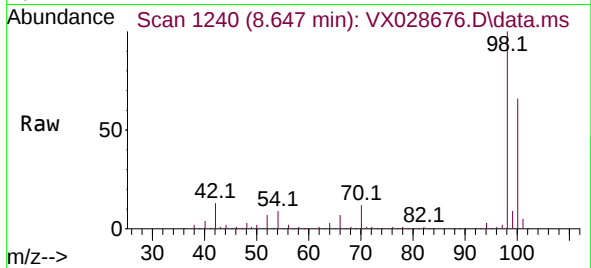




#51
4-Methyl-2-Pentanone
Concen: 0.570 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.074 min
Lab File: VX028676.D
Acq: 13 May 2022 14:33

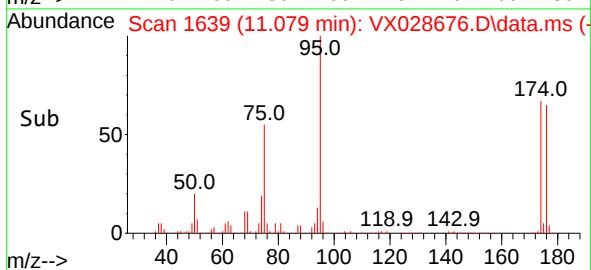
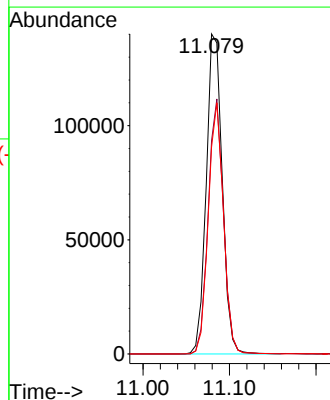
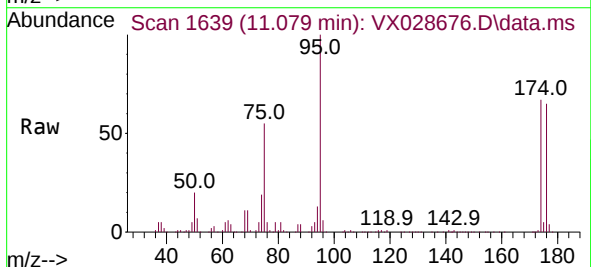
Instrument :
MSVOA_X
ClientSampleId :
BP-TB01-20220510

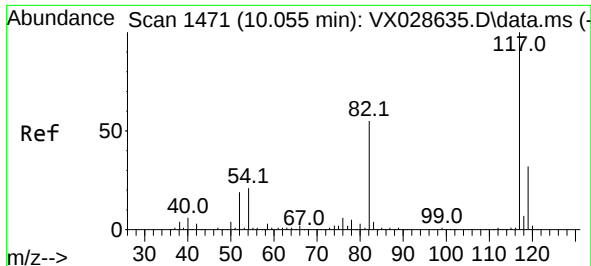
Tgt Ion: 43 Resp: 2467
Ion Ratio Lower Upper
43 100
58 177.0 36.1 54.1#



#62
4-Bromofluorobenzene
Concen: 47.792 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028676.D
Acq: 13 May 2022 14:33

Tgt Ion: 95 Resp: 180232
Ion Ratio Lower Upper
95 100
174 76.0 0.0 163.0
176 74.4 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: VX028676.D

Acq: 13 May 2022 14:33

Instrument :

MSVOA_X

ClientSampleId :

BP-TB01-20220510

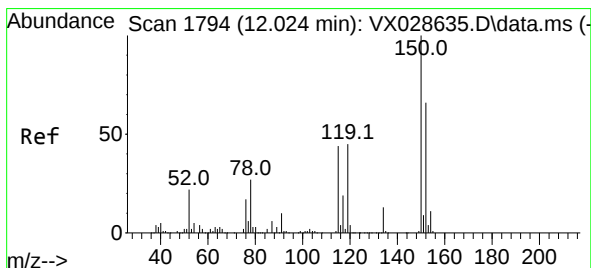
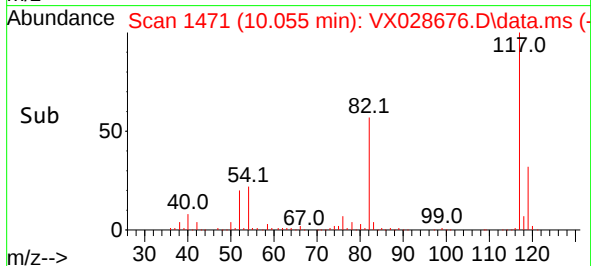
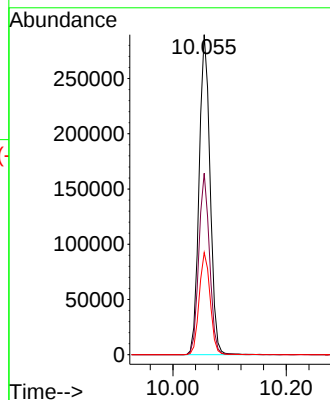
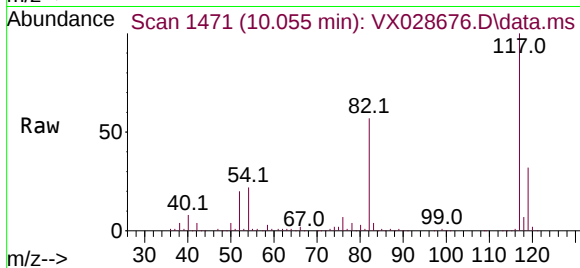
Tgt Ion:117 Resp: 387790

Ion Ratio Lower Upper

117 100

82 56.7 41.8 62.8

119 31.9 24.8 37.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX028676.D

Acq: 13 May 2022 14:33

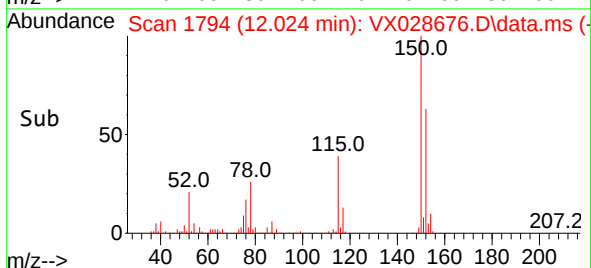
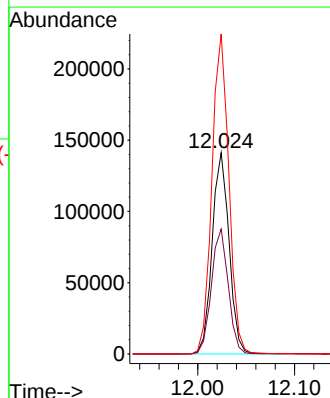
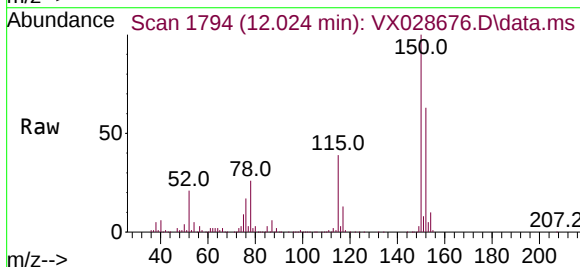
Tgt Ion:152 Resp: 171443

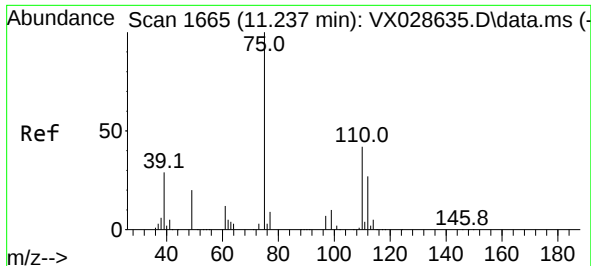
Ion Ratio Lower Upper

152 100

115 62.0 37.5 112.7

150 159.5 0.0 338.2

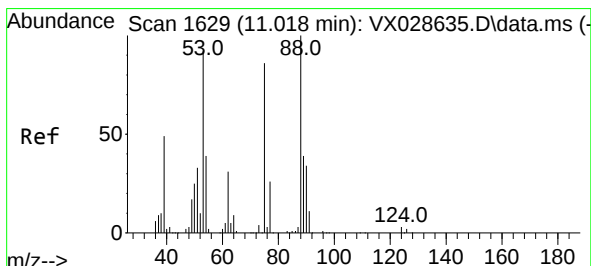
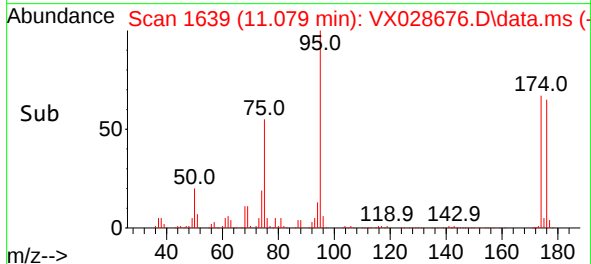
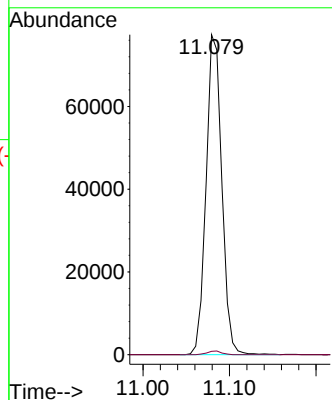
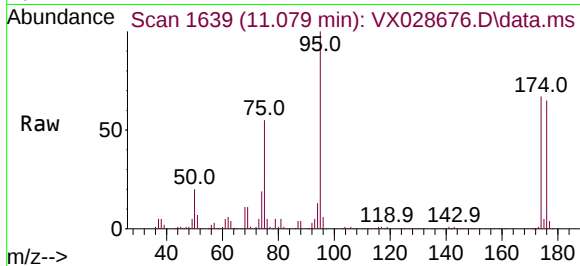




#76
1,2,3-Trichloropropane
Concen: 24.284 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028676.D
Acq: 13 May 2022 14:33

Instrument :
MSVOA_X
ClientSampleId :
BP-TB01-20220510

Tgt Ion: 75 Resp: 97500
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.707 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028676.D
Acq: 13 May 2022 14:33

Tgt Ion: 75 Resp: 97500
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

