

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051322\
 Data File : VX028675.D
 Acq On : 13 May 2022 14:10
 Operator : JC/MD
 Sample : N2779-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TB-20220510

Quant Time: May 16 02:20:46 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)

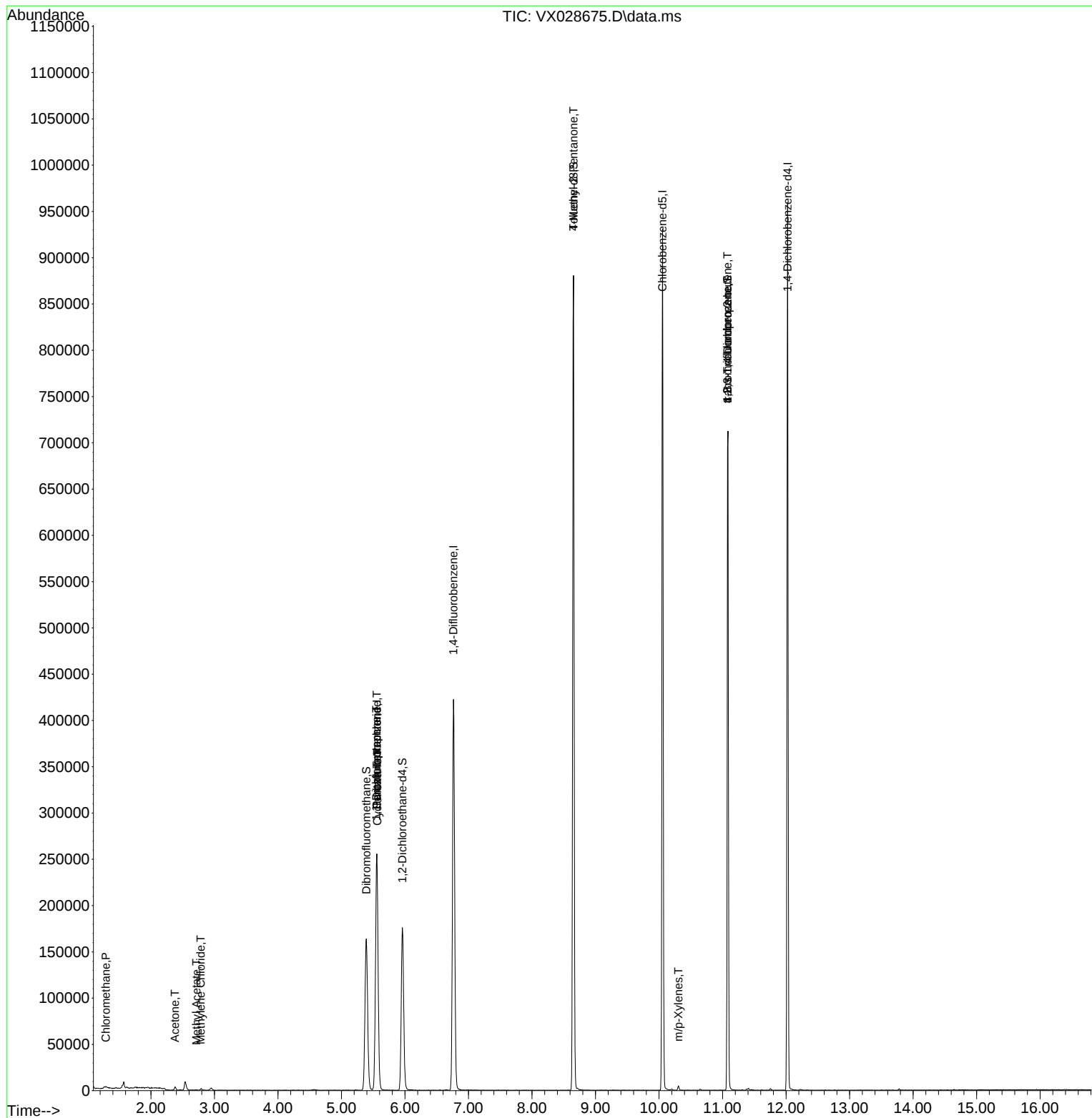
Internal Standards						
1) Pentafluorobenzene	5.556	168	228552	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	426370	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	403194	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	180192	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	168946	53.926	ug/l	0.00
Spiked Amount 50.000	Range	61 - 141	Recovery	= 107.860%		
35) Dibromofluoromethane	5.391	113	141427	50.627	ug/l	0.00
Spiked Amount 50.000	Range	69 - 133	Recovery	= 101.260%		
50) Toluene-d8	8.653	98	515652	48.960	ug/l	0.00
Spiked Amount 50.000	Range	65 - 126	Recovery	= 97.920%		
62) 4-Bromofluorobenzene	11.079	95	188743	47.980	ug/l	0.00
Spiked Amount 50.000	Range	58 - 135	Recovery	= 95.960%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	586	0.208	ug/l	99
5) Bromomethane	1.618	94	638	Below Cal	#	66
6) Chloroethane	1.685	64	417	Below Cal	#	43
11) Tert butyl alcohol	2.953	59	1610	Below Cal	#	72
16) Acetone	2.380	43	3619	2.692	ug/l	99
18) Methyl Acetate	2.715	43	710	0.211	ug/l	# 64
20) Methylene Chloride	2.782	84	615	0.218	ug/l	# 83
31) Cyclohexane	5.562	56	5670	1.304	ug/l	# 26
36) 1,1-Dichloropropene	5.550	75	19676	4.689	ug/l	# 49
38) Carbon Tetrachloride	5.556	117	25264	5.983	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.653	43	2191	0.485	ug/l	# 1
68) m/p-Xylenes	10.305	106	1275	0.214	ug/l	94
76) 1,2,3-Trichloropropane	11.079	75	101147	23.969	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	101147	69.840	ug/l	# 15

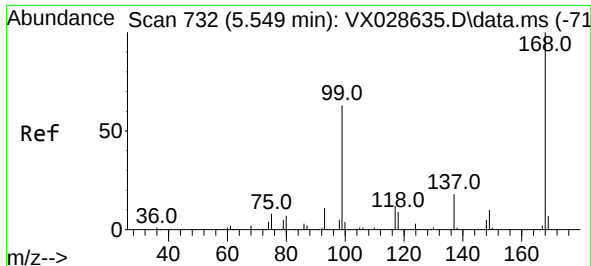
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
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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: VX028675.D

Acq: 13 May 2022 14:10

Instrument :

MSVOA_X

ClientSampleId :

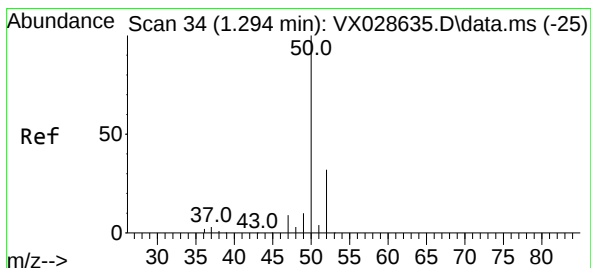
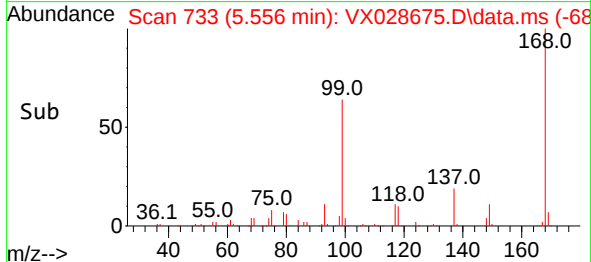
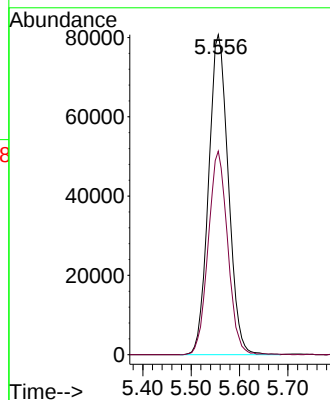
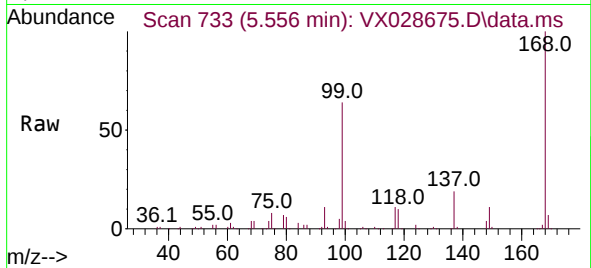
BP-TB-20220510

Tgt Ion:168 Resp: 228552

Ion Ratio Lower Upper

168 100

99 63.6 41.7 62.5#



#3

Chloromethane

Concen: 0.208 ug/l

RT: 1.288 min Scan# 33

Delta R.T. -0.006 min

Lab File: VX028675.D

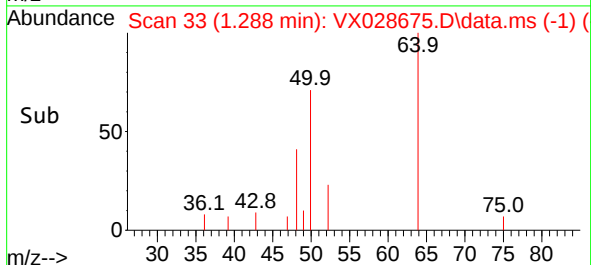
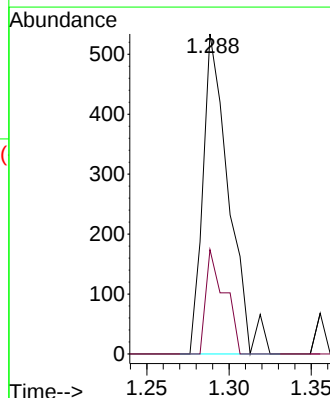
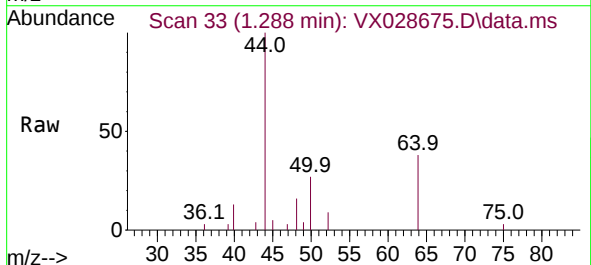
Acq: 13 May 2022 14:10

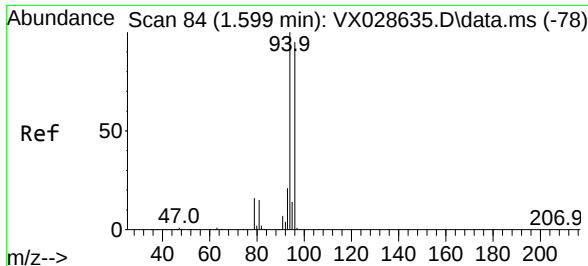
Tgt Ion: 50 Resp: 586

Ion Ratio Lower Upper

50 100

52 32.6 26.4 39.6

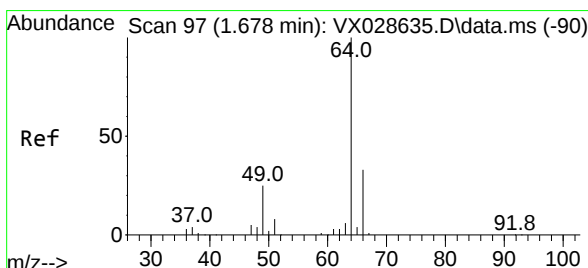
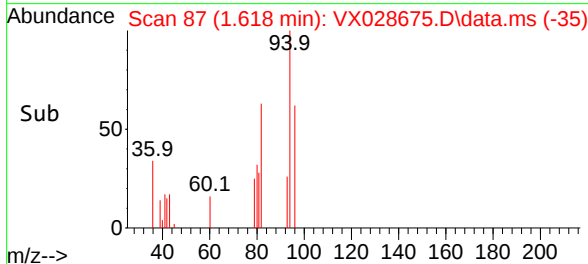
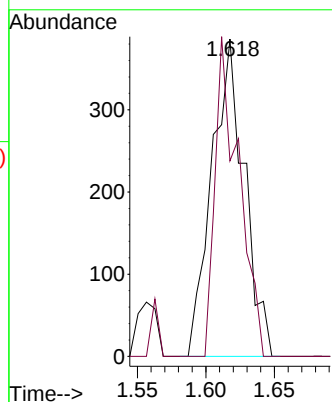
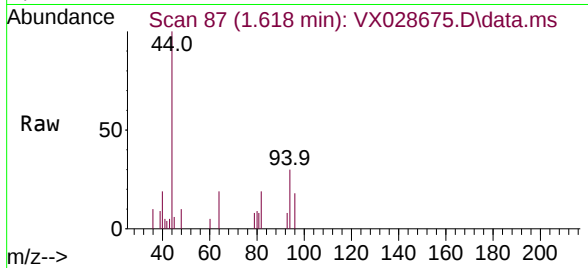




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 81
Delta R.T. 0.019 min
Lab File: VX028675.D
Acq: 13 May 2022 14:10

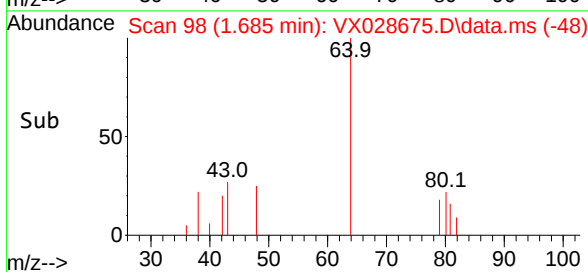
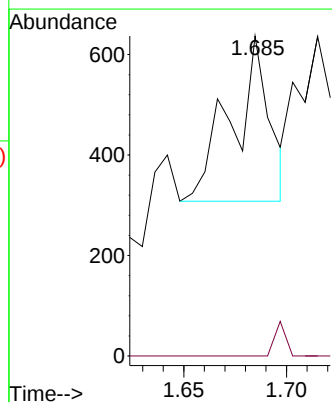
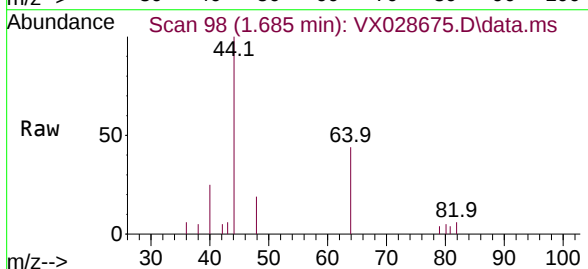
Instrument :
MSVOA_X
ClientSampleId :
BP-TB-20220510

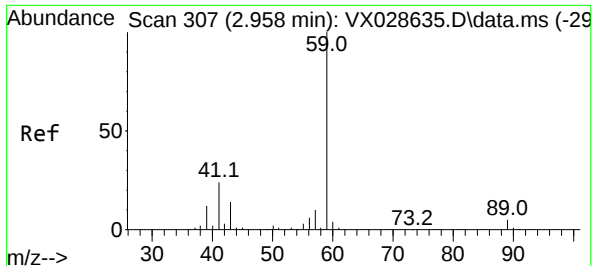
Tgt Ion: 94 Resp: 638
Ion Ratio Lower Upper
94 100
96 61.7 75.3 112.9#



#6
Chloroethane
Concen: Below Cal
RT: 1.685 min Scan# 98
Delta R.T. 0.007 min
Lab File: VX028675.D
Acq: 13 May 2022 14:10

Tgt Ion: 64 Resp: 417
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.953 min Scan# 307

Delta R.T. -0.005 min

Lab File: VX028675.D

Acq: 13 May 2022 14:10

Instrument :

MSVOA_X

ClientSampleId :

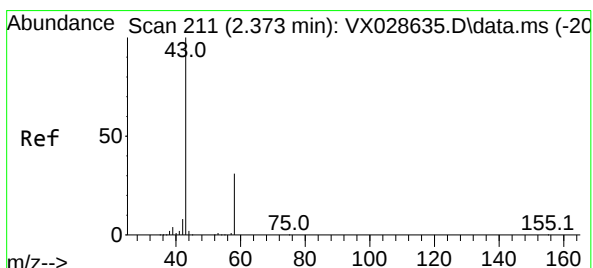
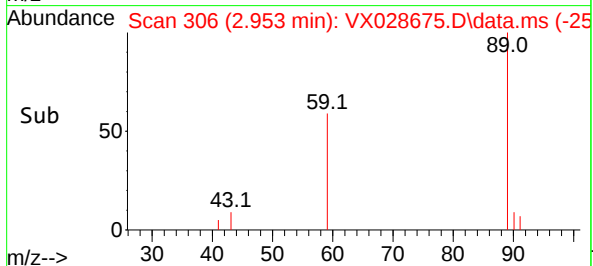
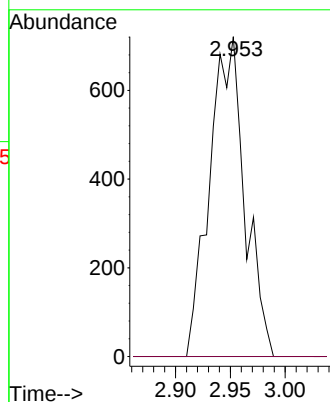
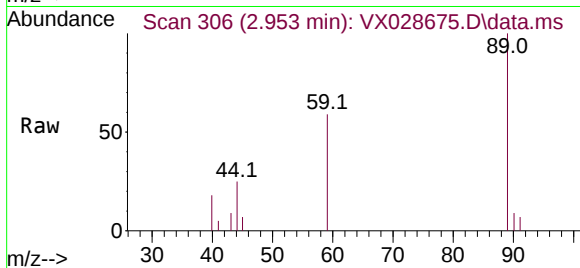
BP-TB-20220510

Tgt Ion: 59 Resp: 1610

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#16

Acetone

Concen: 2.692 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.007 min

Lab File: VX028675.D

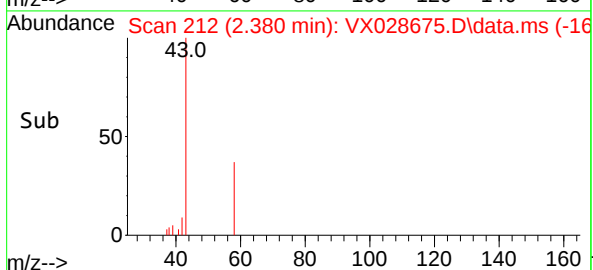
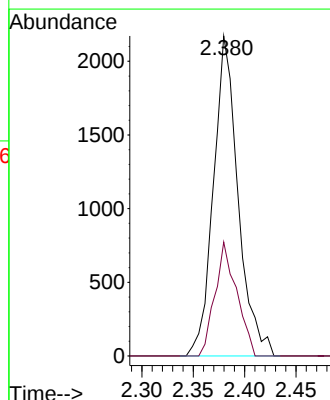
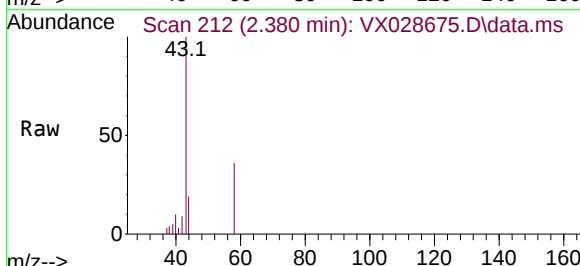
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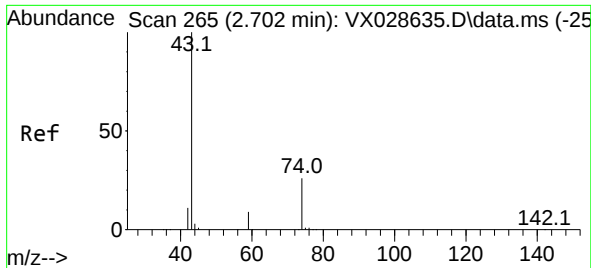
Tgt Ion: 43 Resp: 3619

Ion Ratio Lower Upper

43 100

58 35.6 28.8 43.2

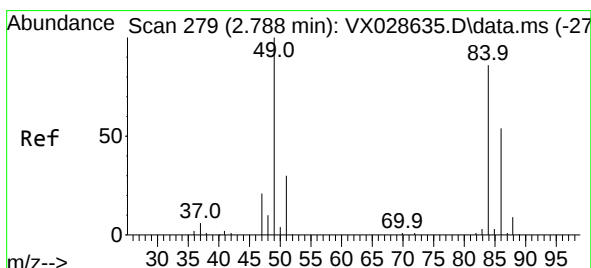
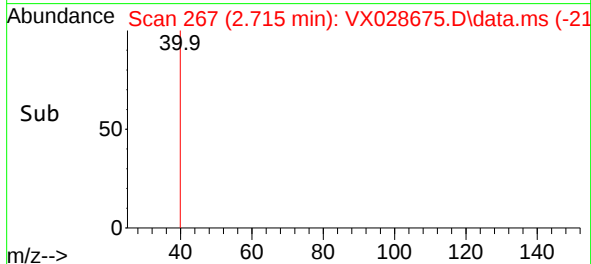
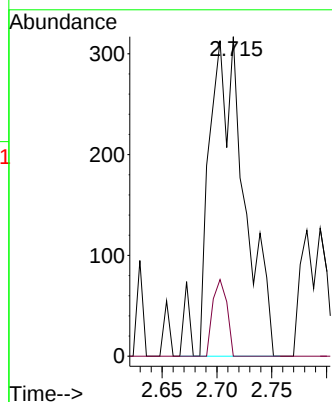
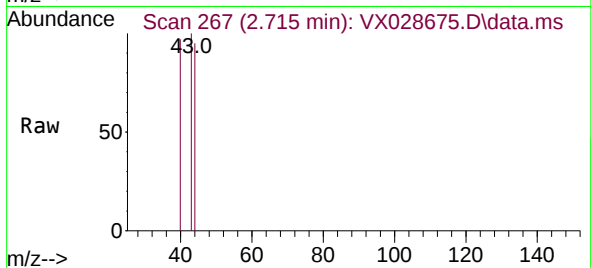




#18
Methyl Acetate
Concen: 0.211 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.013 min
Lab File: VX028675.D
Acq: 13 May 2022 14:10

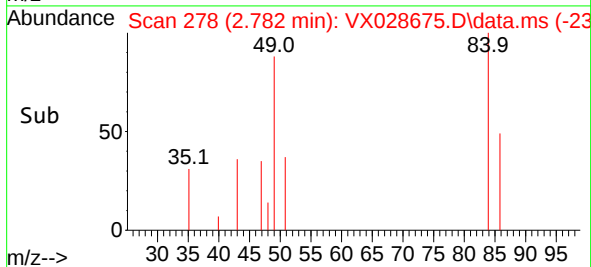
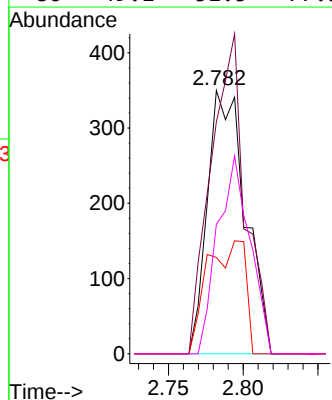
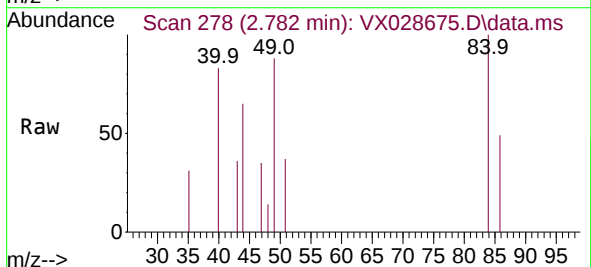
Instrument :
MSVOA_X
ClientSampleId :
BP-TB-20220510

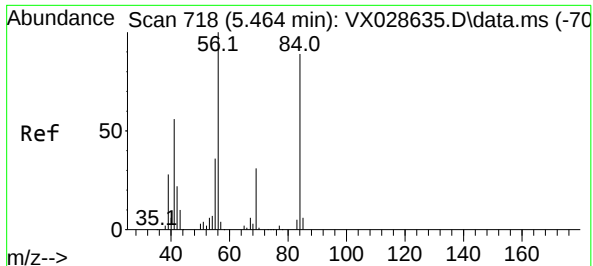
Tgt Ion: 43 Resp: 710
Ion Ratio Lower Upper
43 100
74 9.6 22.8 34.2#



#20
Methylene Chloride
Concen: 0.218 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX028675.D
Acq: 13 May 2022 14:10

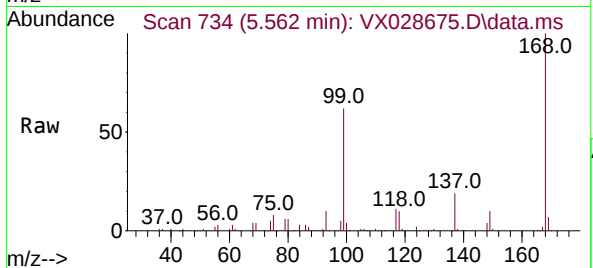
Tgt Ion: 84 Resp: 615
Ion Ratio Lower Upper
84 100
49 88.0 85.5 128.3
51 36.6 26.6 39.8
86 49.1 51.5 77.3#



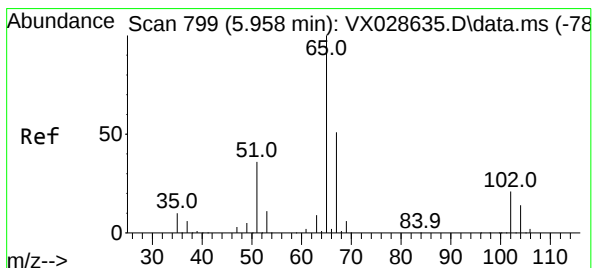
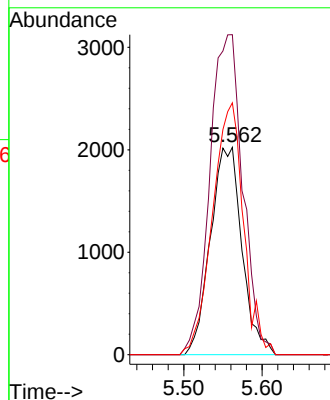
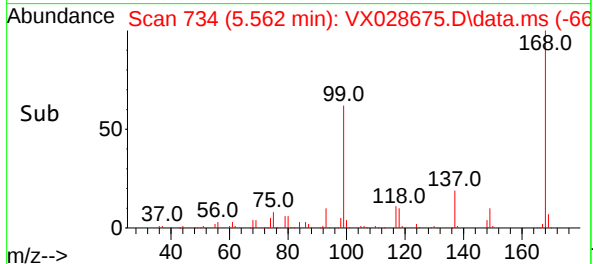


#31
Cyclohexane
Concen: 1.304 ug/l
RT: 5.562 min Scan# 718
Delta R.T. 0.098 min
Lab File: VX028675.D
Acq: 13 May 2022 14:10

Instrument :
MSVOA_X
ClientSampleId :
BP-TB-20220510

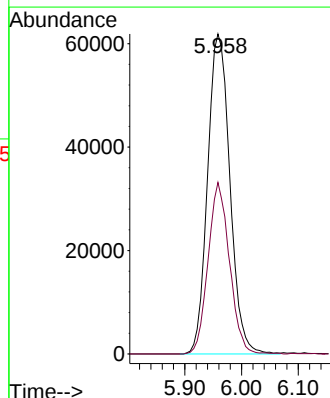
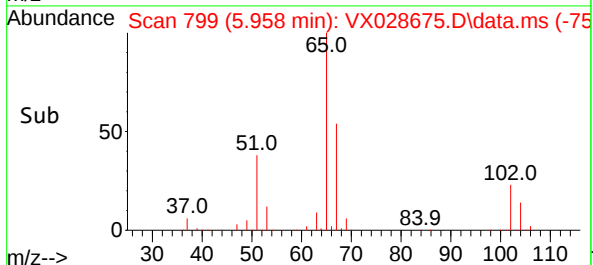
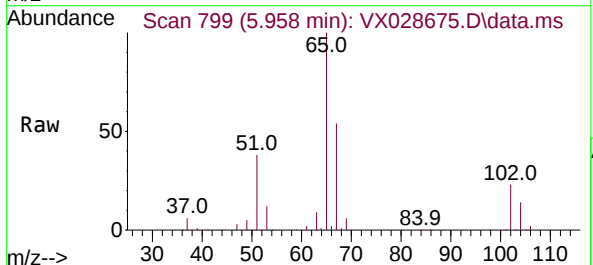


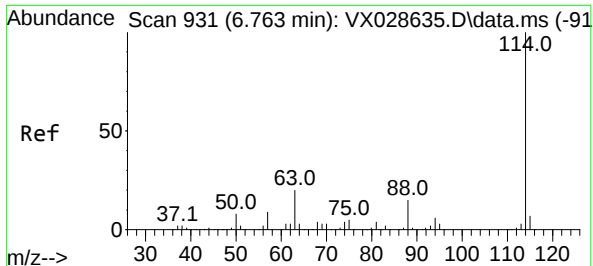
Tgt Ion: 56 Resp: 5670
Ion Ratio Lower Upper
56 100
69 154.3 26.7 40.1#
84 121.4 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 53.926 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028675.D
Acq: 13 May 2022 14:10

Tgt Ion: 65 Resp: 168946
Ion Ratio Lower Upper
65 100
67 51.4 0.0 107.4

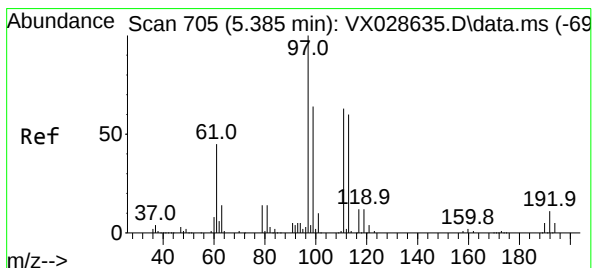
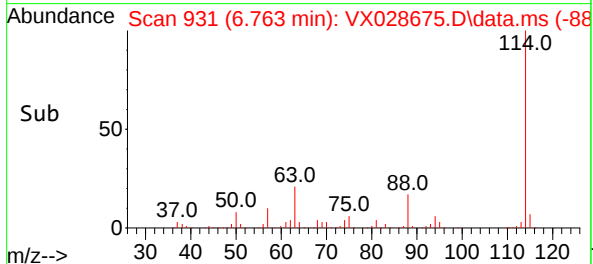
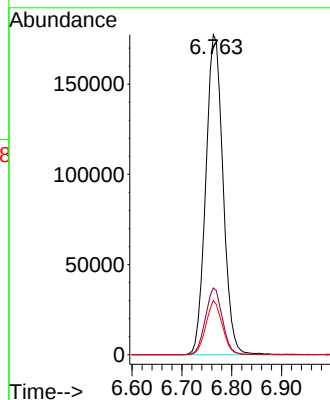
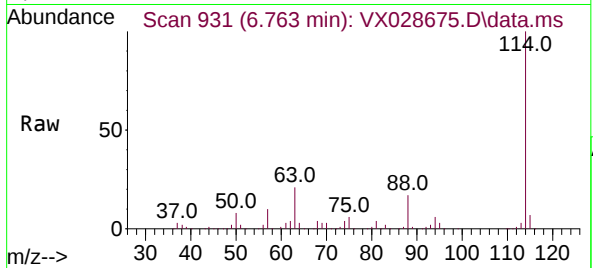




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX028675.D
Acq: 13 May 2022 14:10

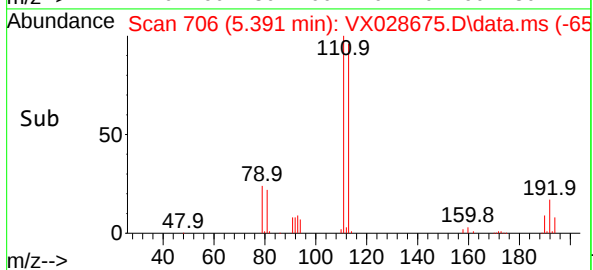
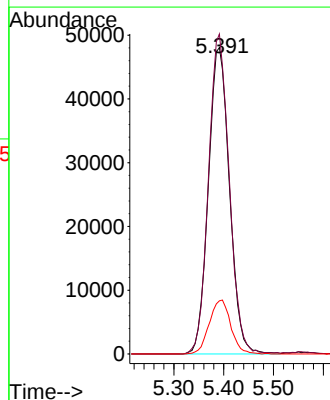
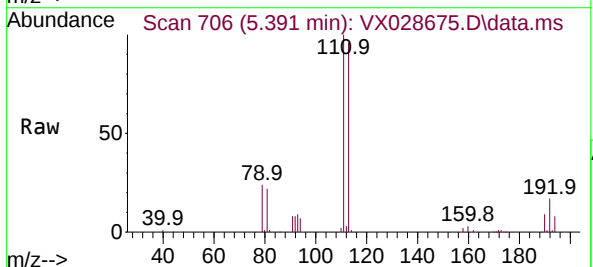
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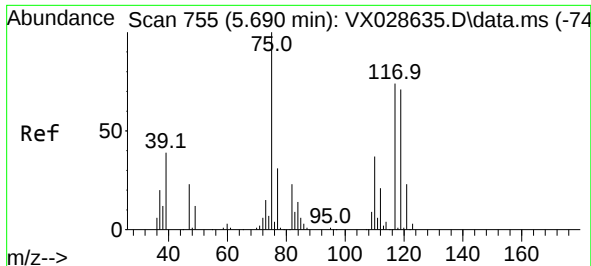
Tgt Ion:114 Resp: 426370
Ion Ratio Lower Upper
114 100
63 20.9 0.0 36.8
88 16.9 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.627 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028675.D
Acq: 13 May 2022 14:10

Tgt Ion:113 Resp: 141427
Ion Ratio Lower Upper
113 100
111 102.5 82.8 124.2
192 17.9 16.9 25.3

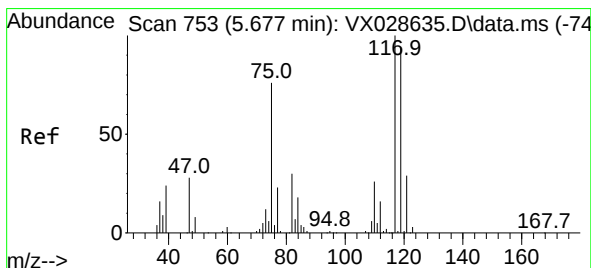
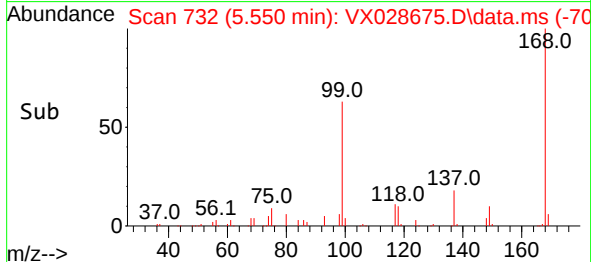
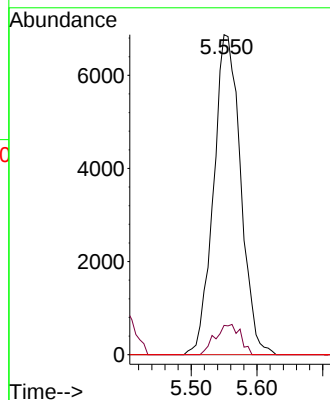
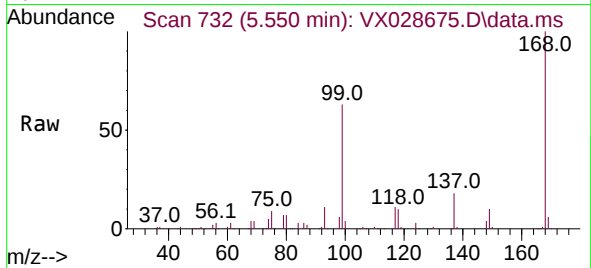




#36
1,1-Dichloropropene
Concen: 4.689 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX028675.D
Acq: 13 May 2022 14:10

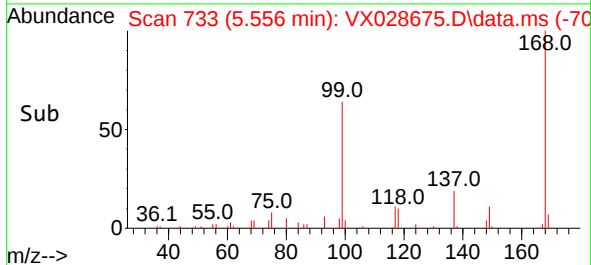
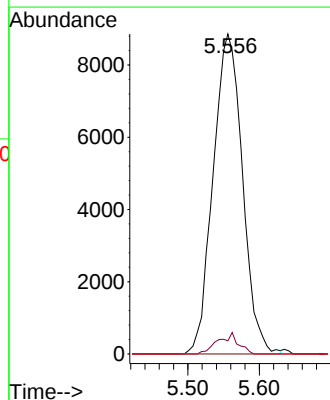
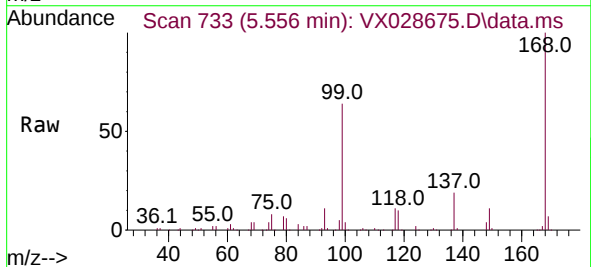
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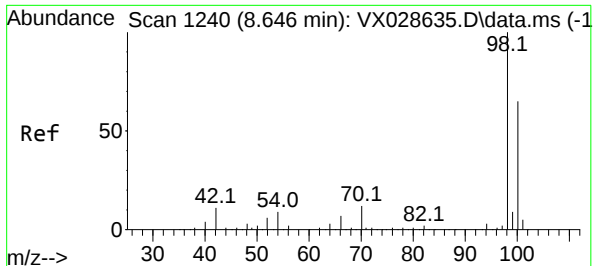
Tgt Ion: 75 Resp: 19676
Ion Ratio Lower Upper
75 100
110 8.8 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.983 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.121 min
Lab File: VX028675.D
Acq: 13 May 2022 14:10

Tgt Ion: 117 Resp: 25264
Ion Ratio Lower Upper
117 100
119 4.1 77.3 115.9#
121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 48.960 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.007 min

Lab File: VX028675.D

Acq: 13 May 2022 14:10

Instrument :

MSVOA_X

ClientSampleId :

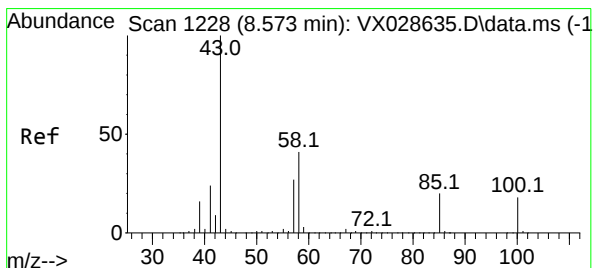
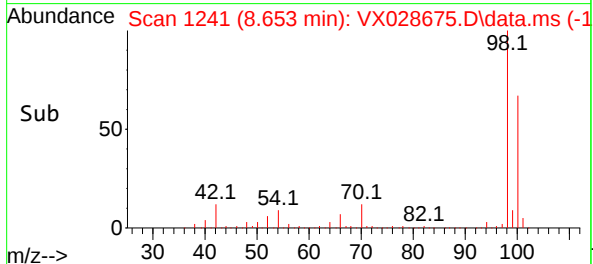
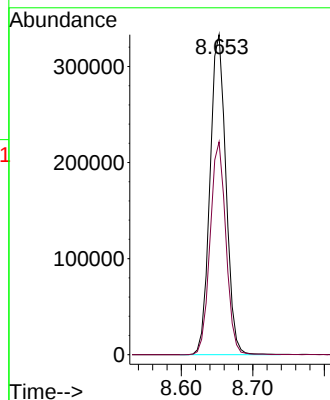
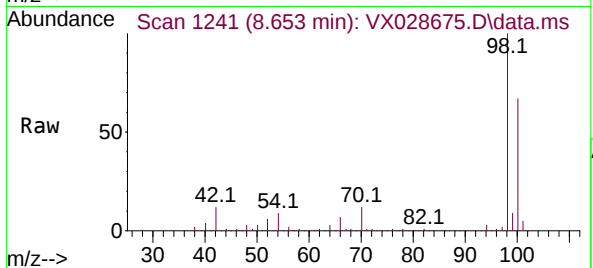
BP-TB-20220510

Tgt Ion: 98 Resp: 515652

Ion Ratio Lower Upper

98 100

100 65.8 52.6 78.8



#51

4-Methyl-2-Pentanone

Concen: 0.485 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.080 min

Lab File: VX028675.D

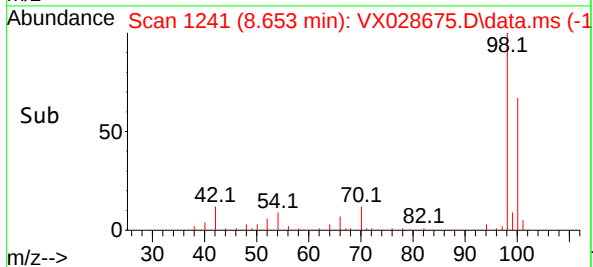
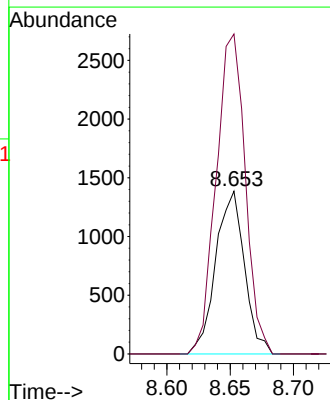
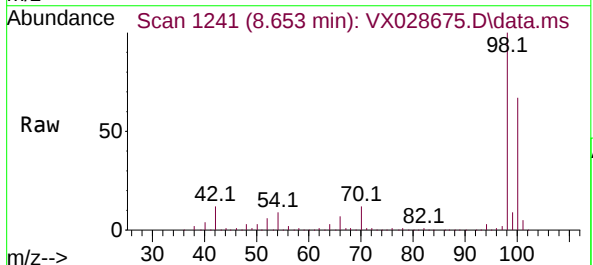
Acq: 13 May 2022 14:10

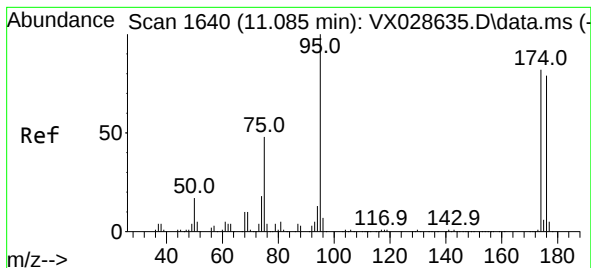
Tgt Ion: 43 Resp: 2191

Ion Ratio Lower Upper

43 100

58 198.5 36.1 54.1#

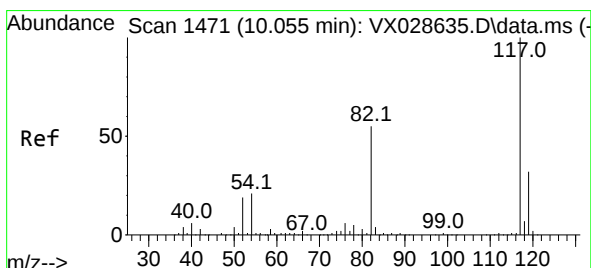
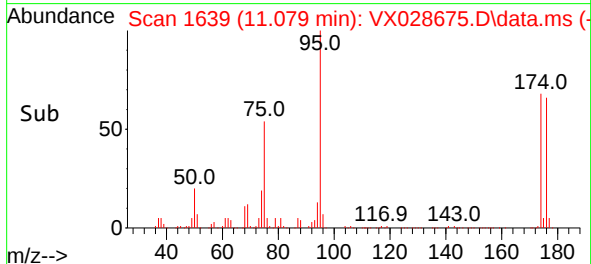
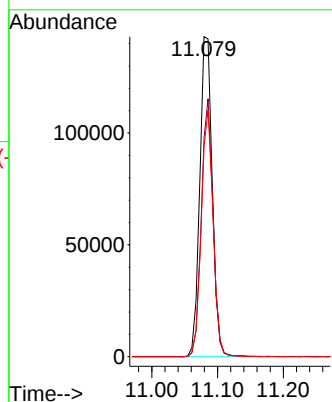
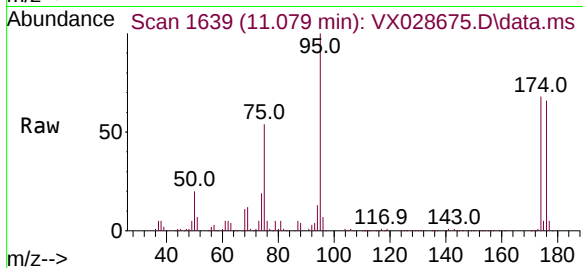




#62
4-Bromofluorobenzene
Concen: 47.980 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028675.D
Acq: 13 May 2022 14:10

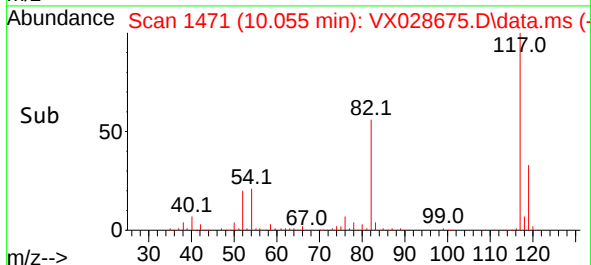
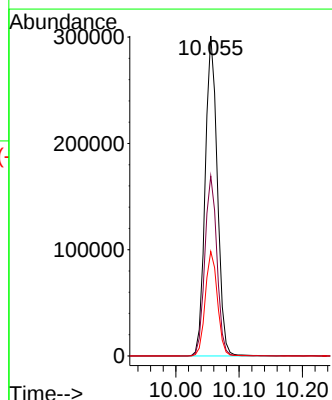
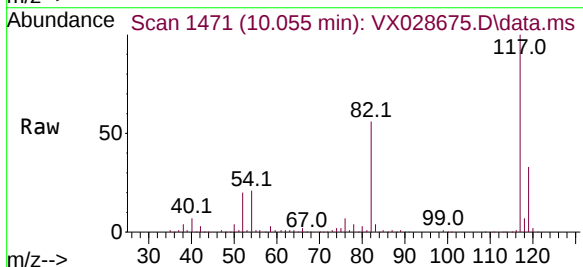
Instrument :
MSVOA_X
ClientSampleId :
BP-TB-20220510

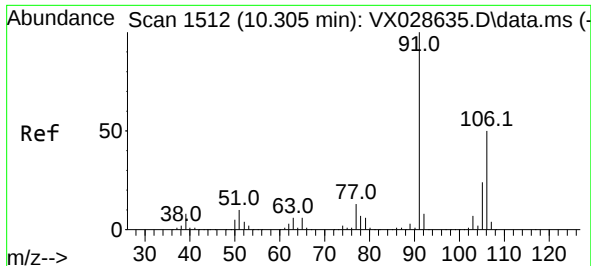
Tgt Ion: 95 Resp: 188743
Ion Ratio Lower Upper
95 100
174 75.6 0.0 163.0
176 73.1 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028675.D
Acq: 13 May 2022 14:10

Tgt Ion: 117 Resp: 403194
Ion Ratio Lower Upper
117 100
82 56.2 41.8 62.8
119 32.7 24.8 37.2

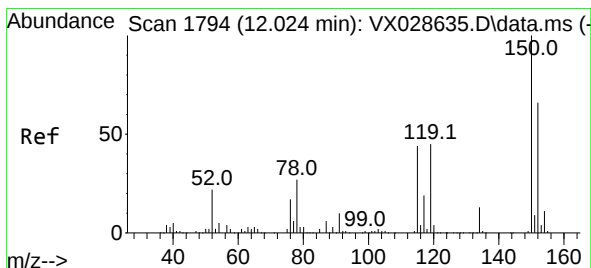
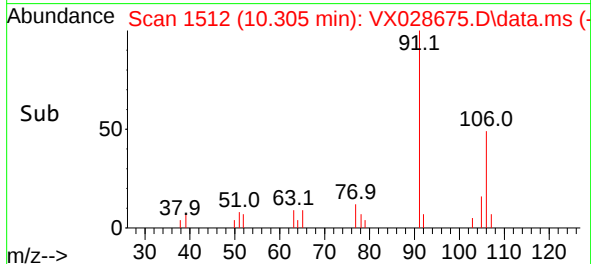
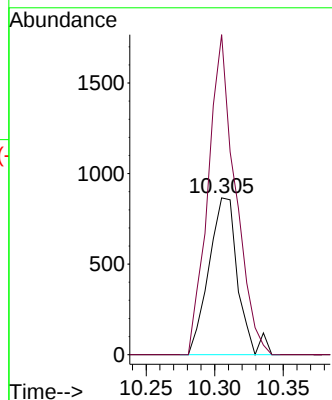
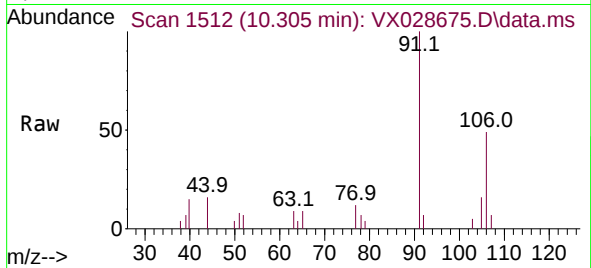




#68
m/p-Xylenes
Concen: 0.214 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028675.D
Acq: 13 May 2022 14:10

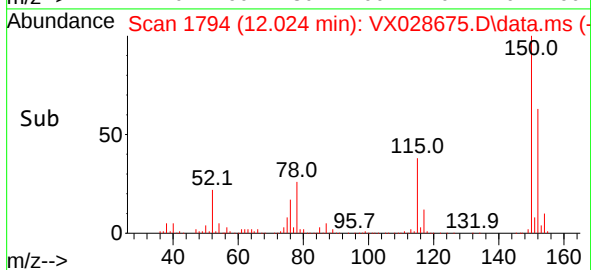
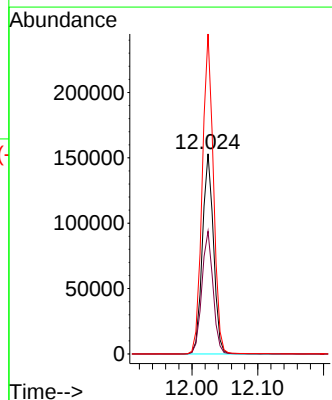
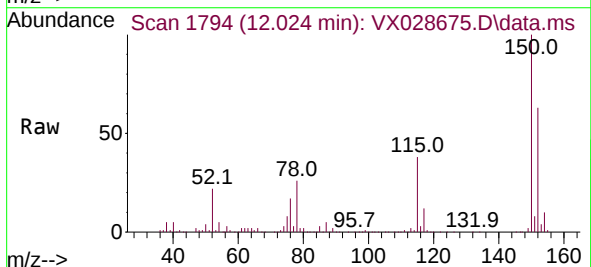
Instrument :
MSVOA_X
ClientSampleId :
BP-TB-20220510

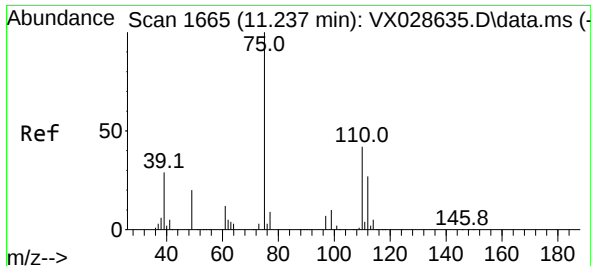
Tgt Ion:106 Resp: 1275
Ion Ratio Lower Upper
106 100
91 191.8 160.4 240.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028675.D
Acq: 13 May 2022 14:10

Tgt Ion:152 Resp: 180192
Ion Ratio Lower Upper
152 100
115 61.6 37.5 112.7
150 159.7 0.0 338.2

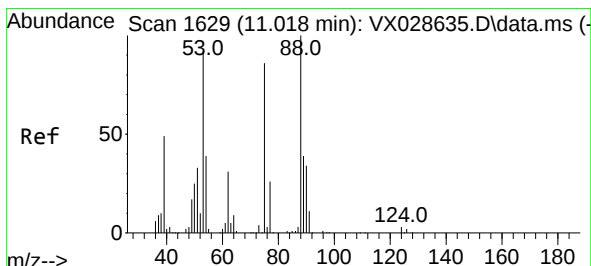
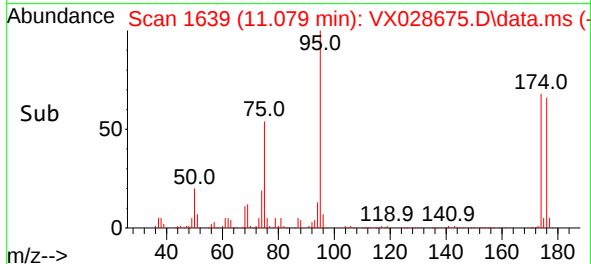
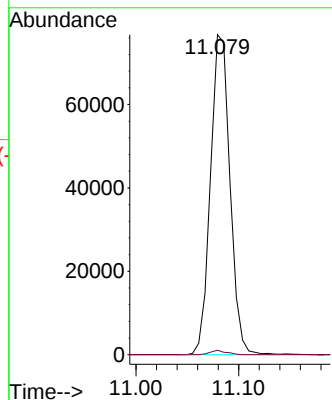
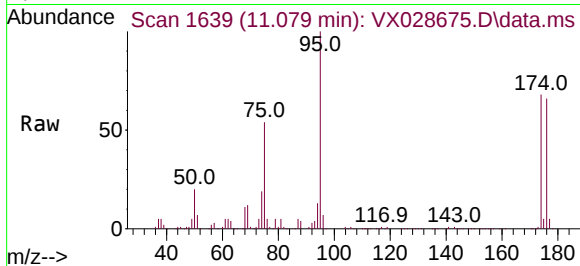




#76
1,2,3-Trichloropropane
Concen: 23.969 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028675.D
Acq: 13 May 2022 14:10

Instrument :
MSVOA_X
ClientSampleId :
BP-TB-20220510

Tgt Ion: 75 Resp: 101147
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.840 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028675.D
Acq: 13 May 2022 14:10

Tgt Ion: 75 Resp: 101147
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.1 37.0 55.6#

