

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051622\
 Data File : VX028740.D
 Acq On : 16 May 2022 18:39
 Operator : JC/MD
 Sample : N2867-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-TB-20220513

Quant Time: May 17 03:40:33 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)

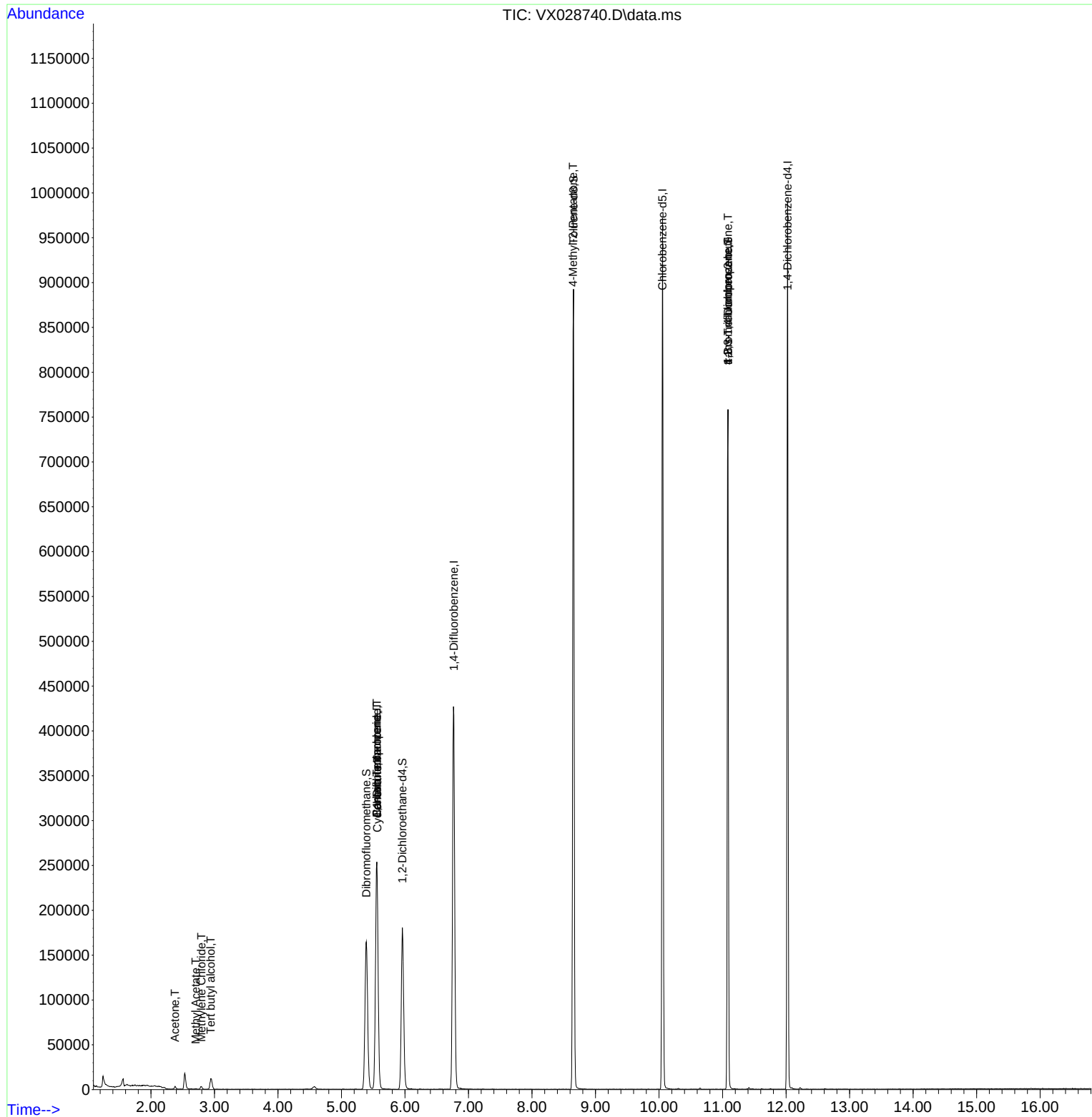
Internal Standards						
1) Pentafluorobenzene	5.556	168	232930	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	436932	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	418116	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	187661	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	167700	52.522	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.040%			
35) Dibromofluoromethane	5.391	113	140767	49.173	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 98.340%			
50) Toluene-d8	8.653	98	523848	48.536	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.080%			
62) 4-Bromofluorobenzene	11.085	95	195477	48.490	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 96.980%			
Target Compounds						
5) Bromomethane	1.617	94	511	Below Cal		Qvalue 95
6) Chloroethane	1.623	64	329	Below Cal	#	43
11) Tert butyl alcohol	2.940	59	7213	2.754	ug/l #	73
16) Acetone	2.379	43	2841	2.073	ug/l	96
18) Methyl Acetate	2.703	43	775	0.226	ug/l #	46
20) Methylene Chloride	2.794	84	1370	0.477	ug/l #	89
31) Cyclohexane	5.562	56	5279	1.191	ug/l #	42
36) 1,1-Dichloropropene	5.556	75	20079	4.670	ug/l #	49
38) Carbon Tetrachloride	5.556	117	24642	5.695	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	2333	0.504	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	103532	23.558	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	103532	68.708	ug/l #	15

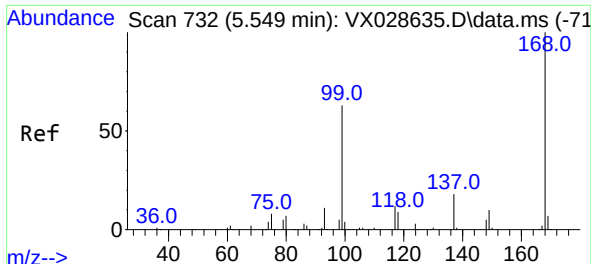
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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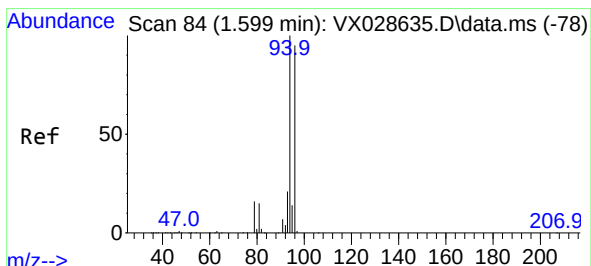
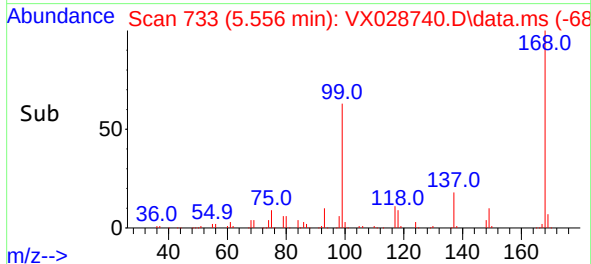
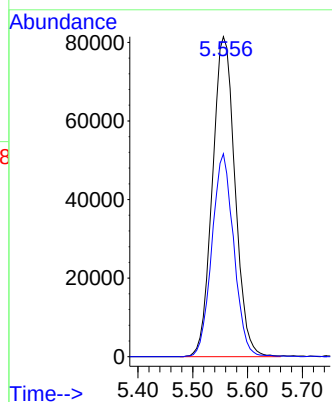
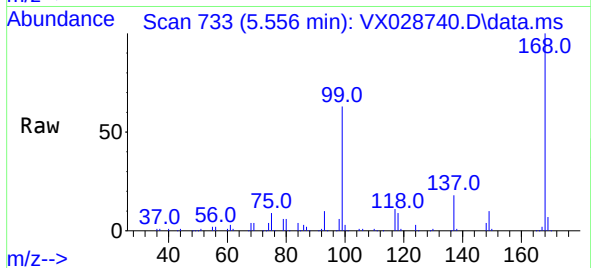




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028740.D
Acq: 16 May 2022 18:39

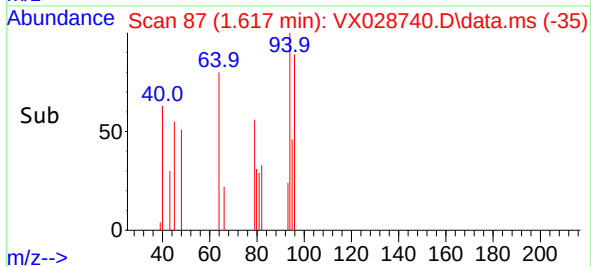
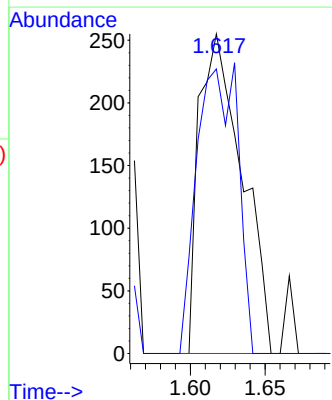
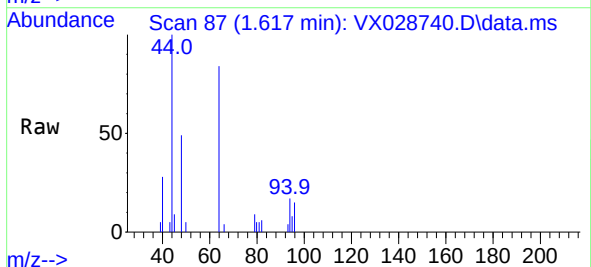
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-TB-20220513

Tgt Ion:168 Resp: 232930
Ion Ratio Lower Upper
168 100
99 63.4 41.7 62.5#

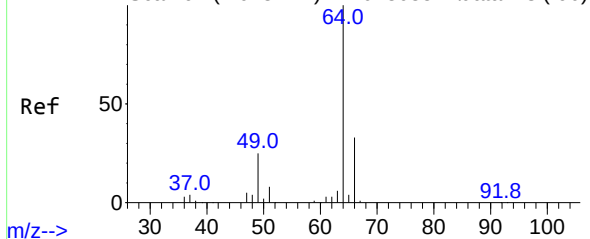


#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX028740.D
Acq: 16 May 2022 18:39

Tgt Ion: 94 Resp: 511
Ion Ratio Lower Upper
94 100
96 89.0 75.3 112.9



Abundance Scan 97 (1.678 min): VX028635.D\data.ms (-90)



#6

Chloroethane

Concen: Below Cal

RT: 1.623 min Scan# 81

Delta R.T. -0.055 min

Lab File: VX028740.D

Acq: 16 May 2022 18:39

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-TB-20220513

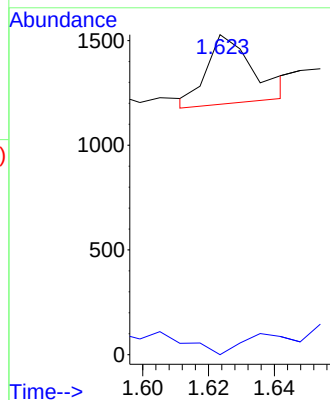
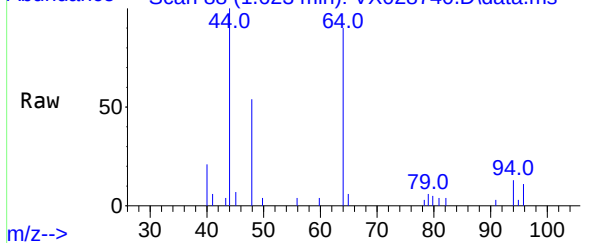
Tgt Ion: 64 Resp: 329

Ion Ratio Lower Upper

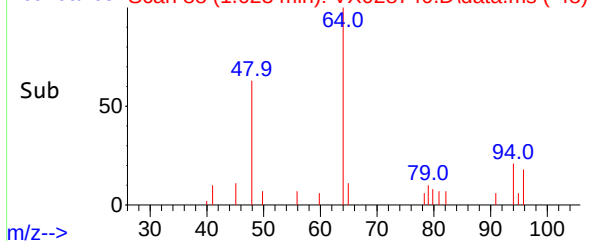
64 100

66 0.0 25.3 37.9#

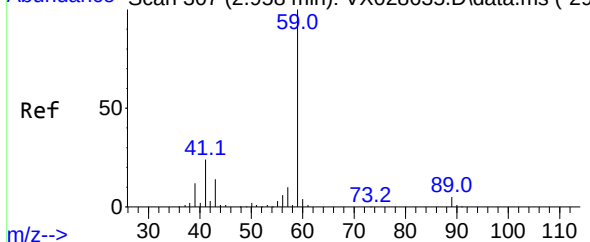
Abundance Scan 88 (1.623 min): VX028740.D\data.ms



Abundance Scan 88 (1.623 min): VX028740.D\data.ms (-48)



Abundance Scan 307 (2.958 min): VX028635.D\data.ms (-29)



#11

Tert butyl alcohol

Concen: 2.754 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.018 min

Lab File: VX028740.D

Acq: 16 May 2022 18:39

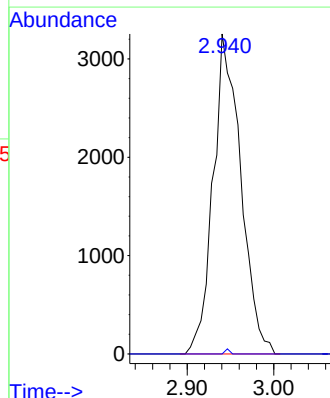
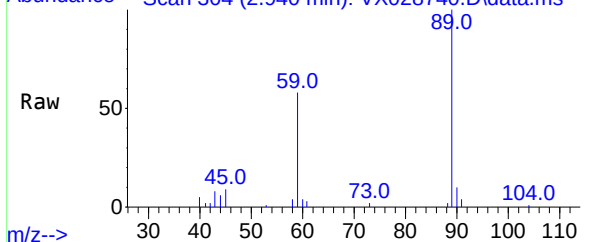
Tgt Ion: 59 Resp: 7213

Ion Ratio Lower Upper

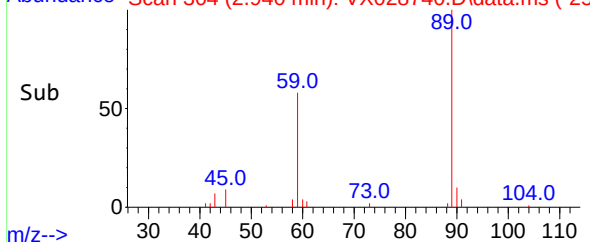
59 100

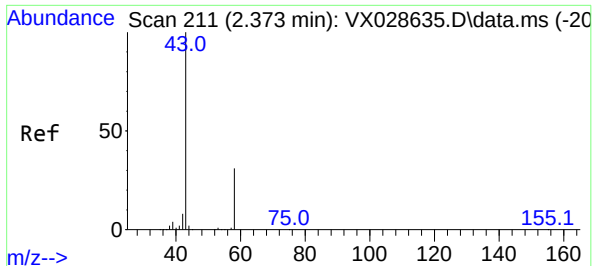
57 0.3 8.3 12.5#

Abundance Scan 304 (2.940 min): VX028740.D\data.ms



Abundance Scan 304 (2.940 min): VX028740.D\data.ms (-25)

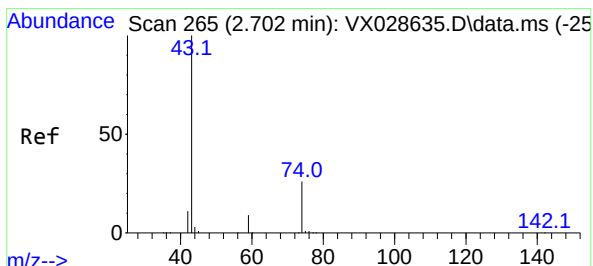
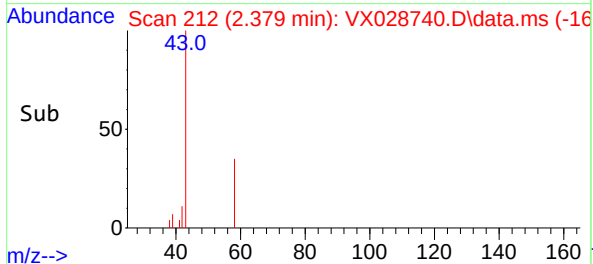
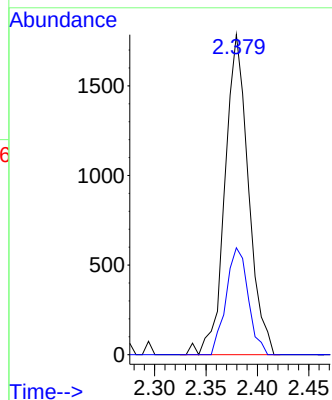
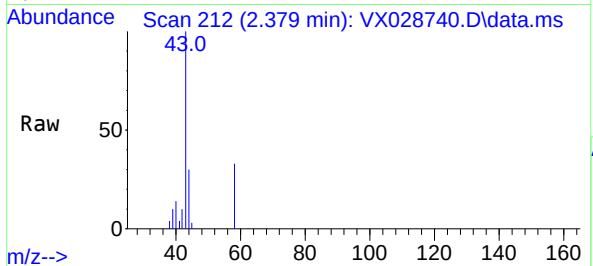




#16
Acetone
Concen: 2.073 ug/l
RT: 2.379 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX028740.D
Acq: 16 May 2022 18:39

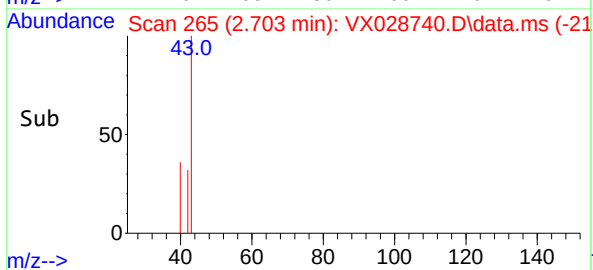
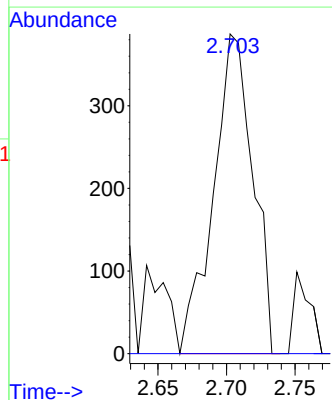
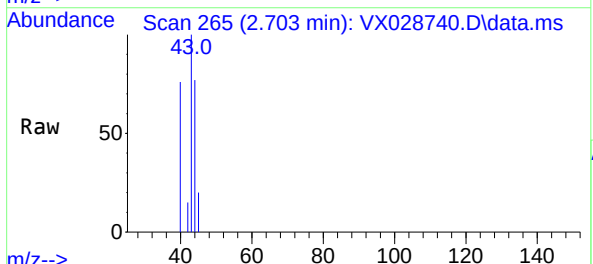
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-TB-20220513

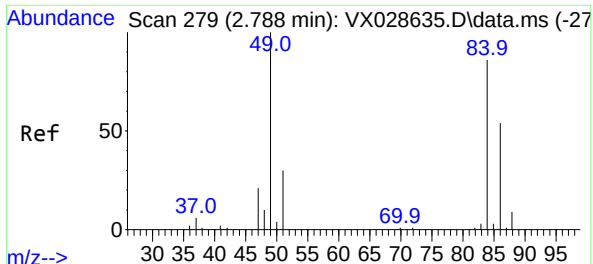
Tgt Ion: 43 Resp: 2841
Ion Ratio Lower Upper
43 100
58 33.4 28.8 43.2



#18
Methyl Acetate
Concen: 0.226 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.001 min
Lab File: VX028740.D
Acq: 16 May 2022 18:39

Tgt Ion: 43 Resp: 775
Ion Ratio Lower Upper
43 100
74 0.0 22.8 34.2#

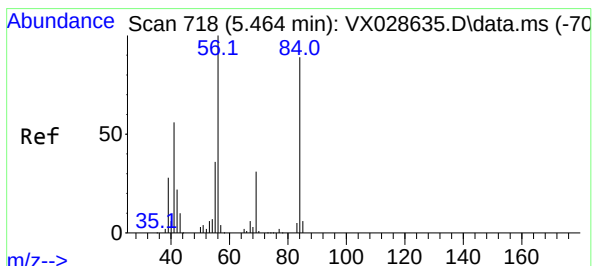
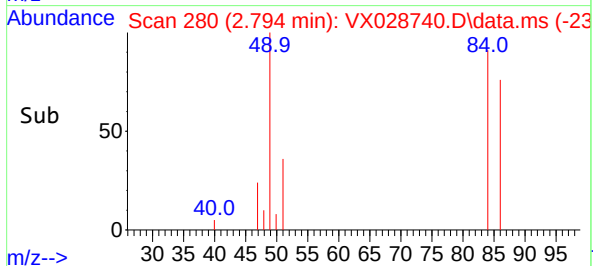
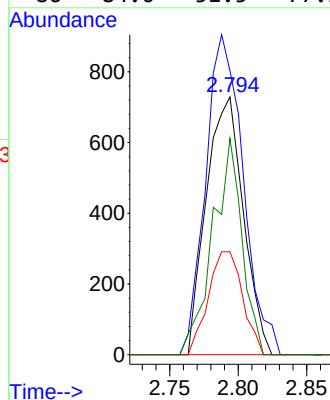
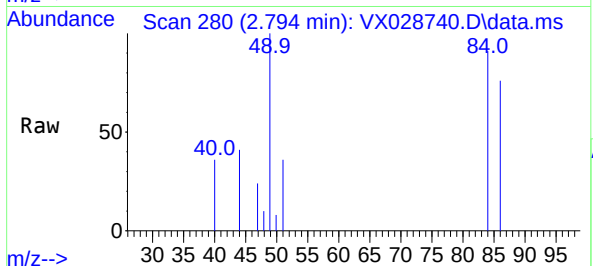




#20
Methylene Chloride
Concen: 0.477 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX028740.D
Acq: 16 May 2022 18:39

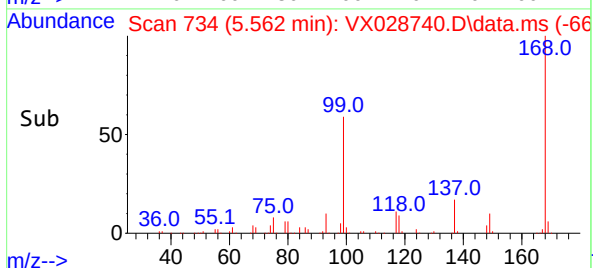
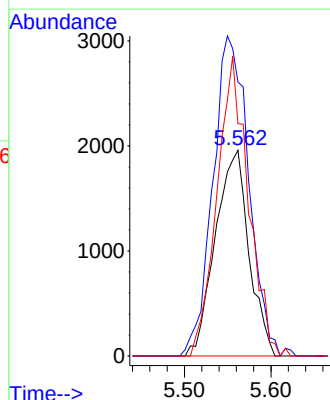
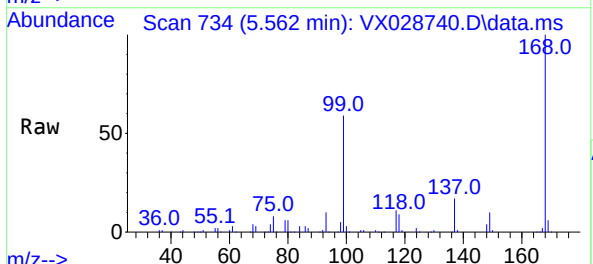
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-TB-20220513

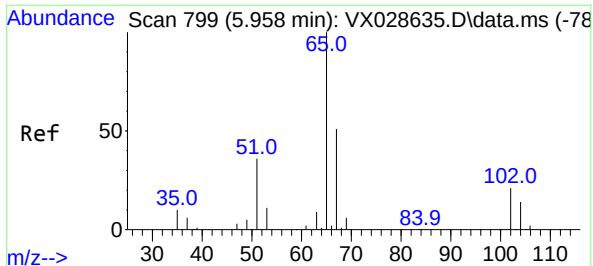
Tgt Ion:	84	Resp:	1370
Ion	Ratio	Lower	Upper
84	100		
49	110.2	85.5	128.3
51	39.9	26.6	39.8#
86	84.0	51.5	77.3#



#31
Cyclohexane
Concen: 1.191 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.098 min
Lab File: VX028740.D
Acq: 16 May 2022 18:39

Tgt Ion:	56	Resp:	5279
Ion	Ratio	Lower	Upper
56	100		
69	133.2	26.7	40.1#
84	113.0	77.2	115.8





#33

1,2-Dichloroethane-d4

Concen: 52.522 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028740.D

Acq: 16 May 2022 18:39

Instrument :

MSVOA_X

ClientSampleId :

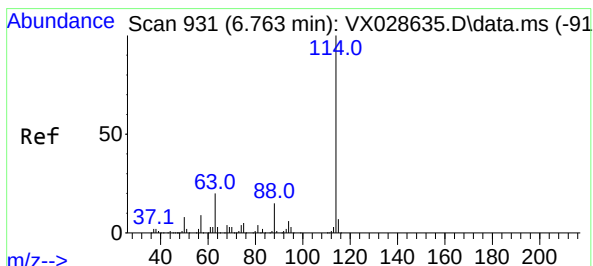
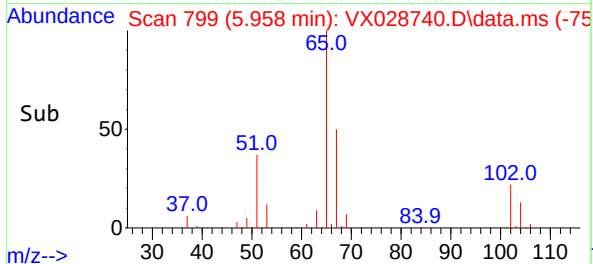
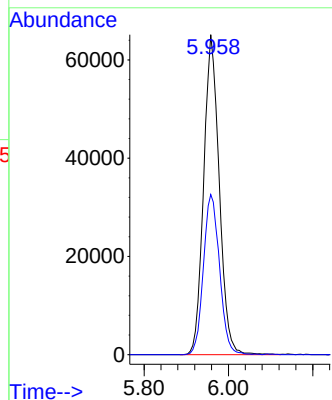
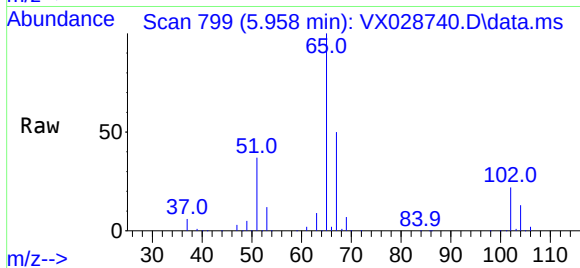
BP-TT-TB-20220513

Tgt Ion: 65 Resp: 167700

Ion Ratio Lower Upper

65 100

67 51.6 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: VX028740.D

Acq: 16 May 2022 18:39

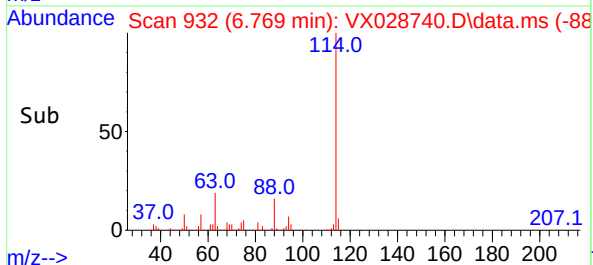
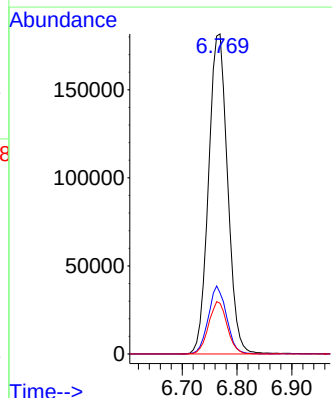
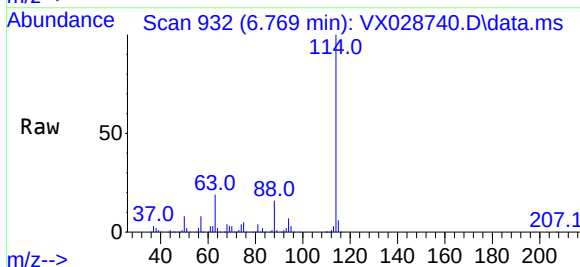
Tgt Ion: 114 Resp: 436932

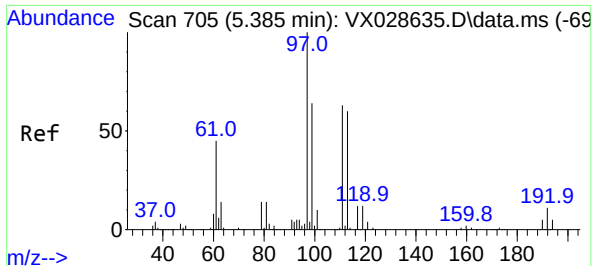
Ion Ratio Lower Upper

114 100

63 19.0 0.0 36.8

88 15.9 0.0 32.4





#35

Dibromofluoromethane

Concen: 49.173 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX028740.D

Acq: 16 May 2022 18:39

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-TB-20220513

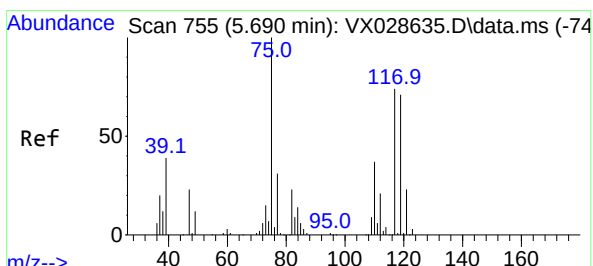
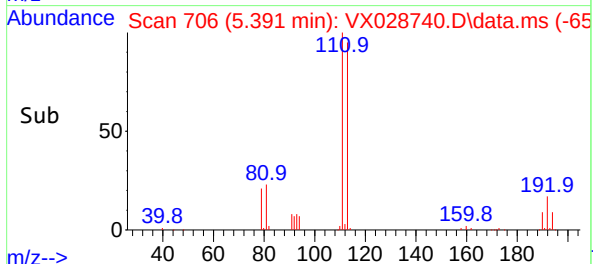
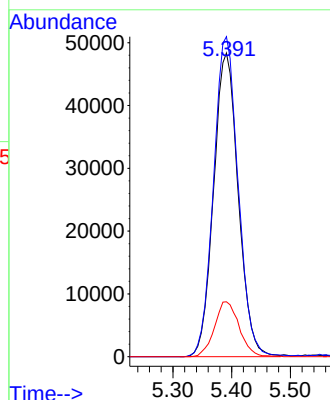
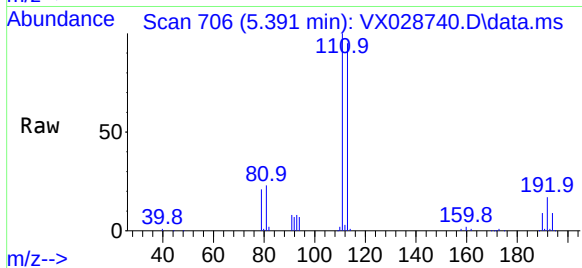
Tgt Ion:113 Resp: 140767

Ion Ratio Lower Upper

113 100

111 105.3 82.8 124.2

192 18.2 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.670 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.134 min

Lab File: VX028740.D

Acq: 16 May 2022 18:39

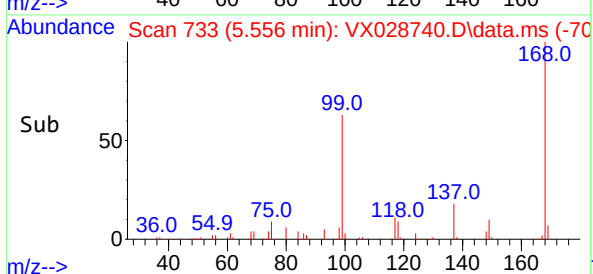
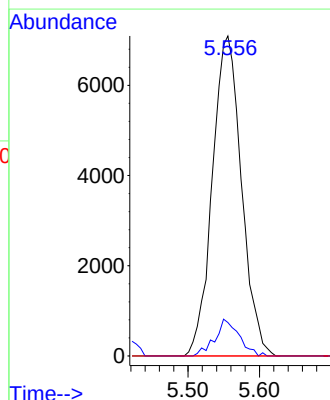
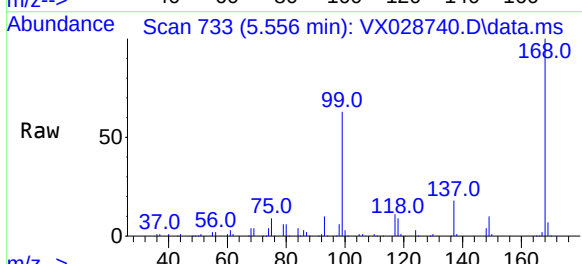
Tgt Ion: 75 Resp: 20079

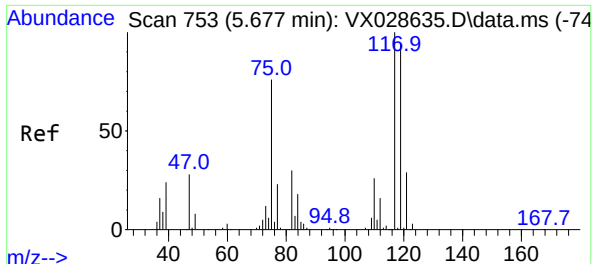
Ion Ratio Lower Upper

75 100

110 9.5 18.3 54.8#

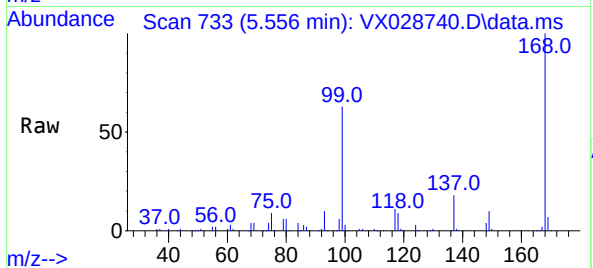
77 0.0 24.8 37.2#



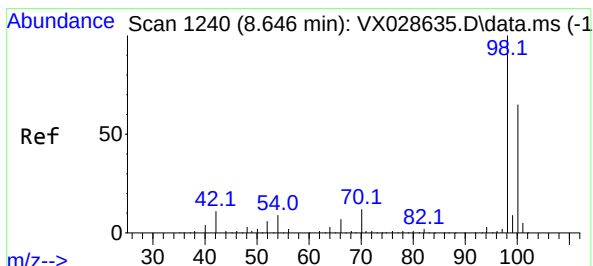
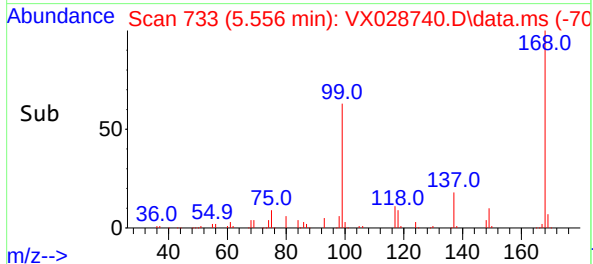
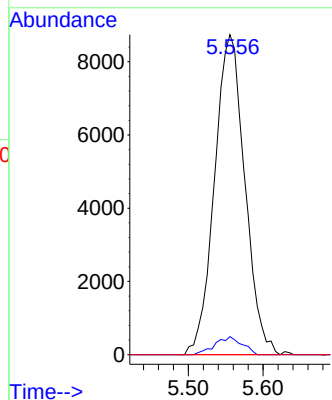


#38
Carbon Tetrachloride
Concen: 5.695 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.121 min
Lab File: VX028740.D
Acq: 16 May 2022 18:39

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-TB-20220513

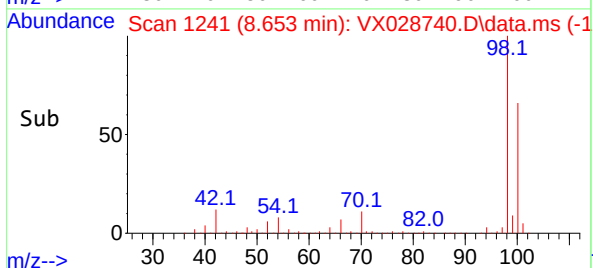
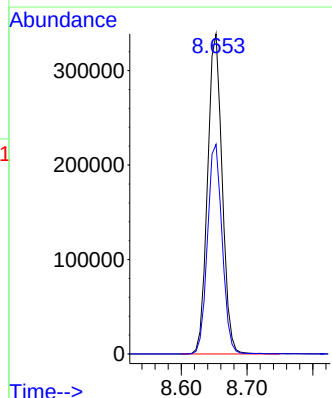
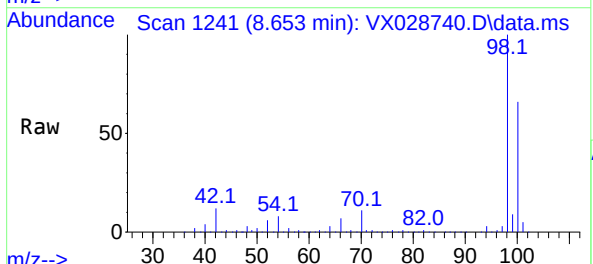


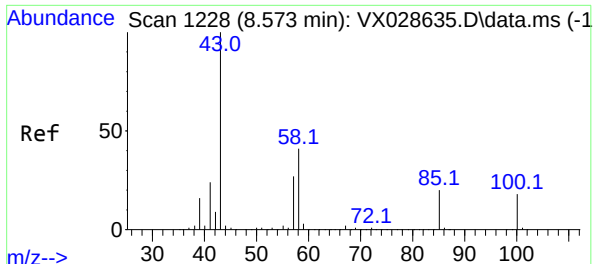
Tgt Ion:117 Resp: 24642
Ion Ratio Lower Upper
117 100
119 5.6 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 48.536 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028740.D
Acq: 16 May 2022 18:39

Tgt Ion: 98 Resp: 523848
Ion Ratio Lower Upper
98 100
100 65.9 52.6 78.8

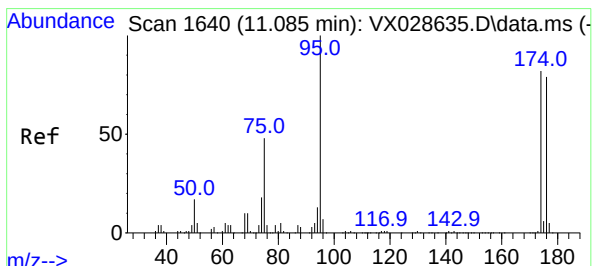
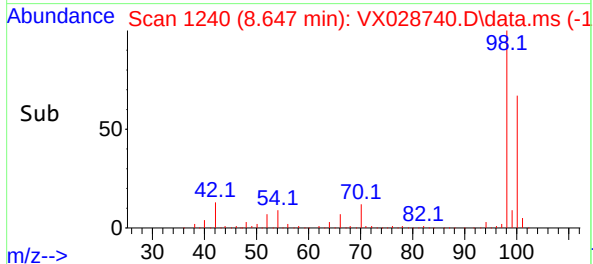
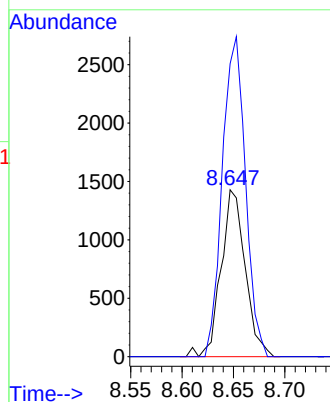
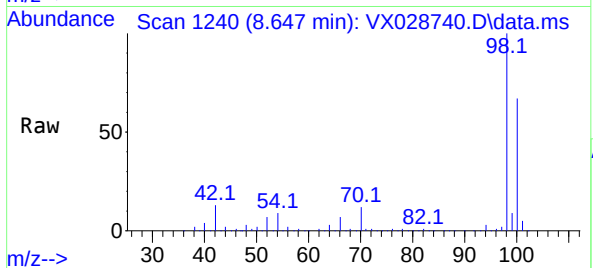




#51
4-Methyl-2-Pentanone
Concen: 0.504 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.074 min
Lab File: VX028740.D
Acq: 16 May 2022 18:39

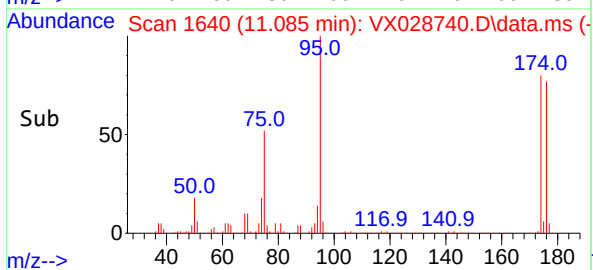
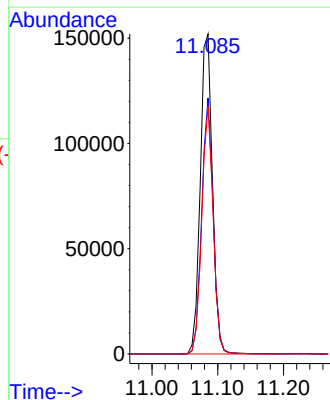
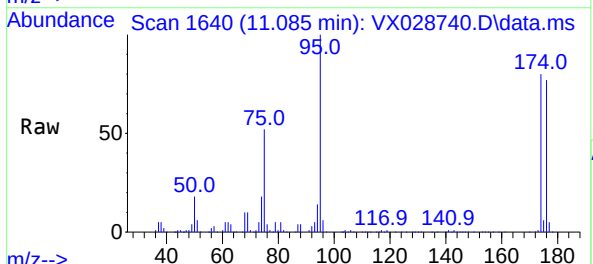
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-TB-20220513

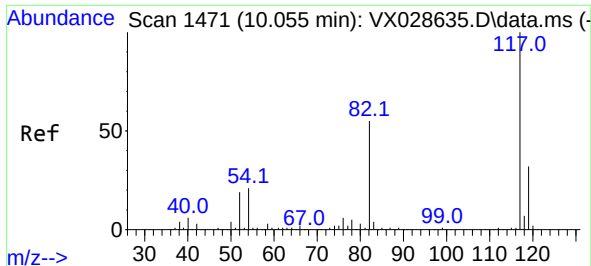
Tgt Ion: 43 Resp: 2333
Ion Ratio Lower Upper
43 100
58 183.5 36.1 54.1#



#62
4-Bromofluorobenzene
Concen: 48.490 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX028740.D
Acq: 16 May 2022 18:39

Tgt Ion: 95 Resp: 195477
Ion Ratio Lower Upper
95 100
174 75.8 0.0 163.0
176 72.7 0.0 155.0

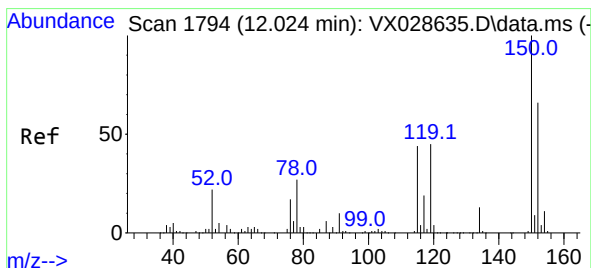
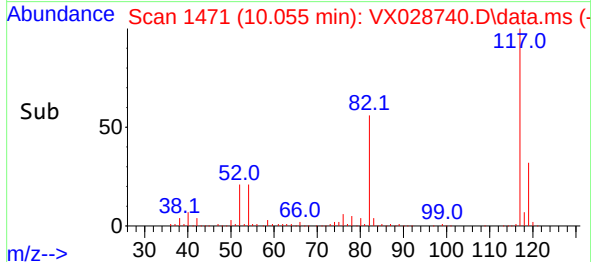
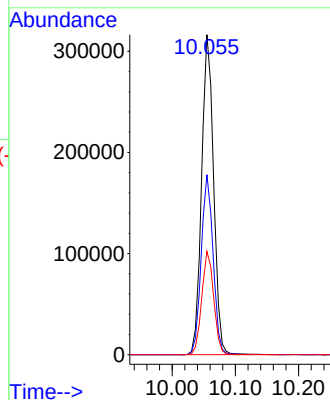
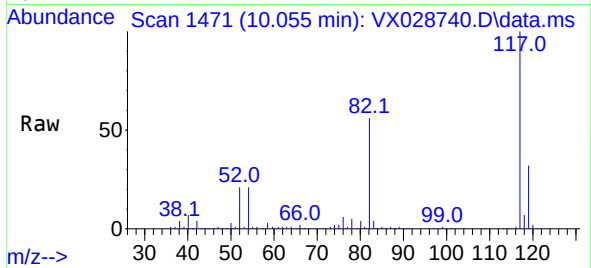




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028740.D
Acq: 16 May 2022 18:39

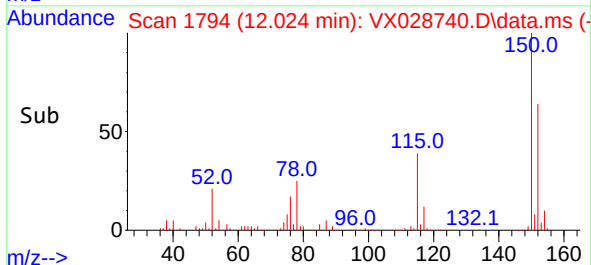
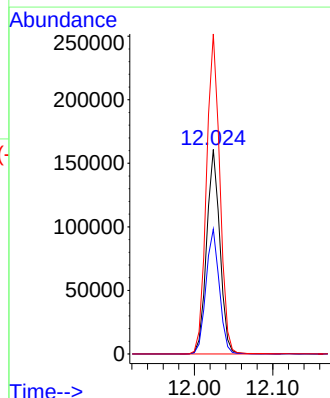
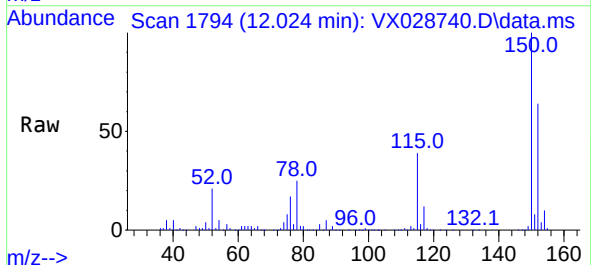
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-TB-20220513

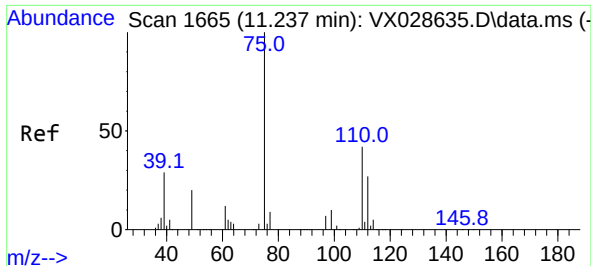
Tgt Ion:117 Resp: 418116
Ion Ratio Lower Upper
117 100
82 56.3 41.8 62.8
119 32.2 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028740.D
Acq: 16 May 2022 18:39

Tgt Ion:152 Resp: 187661
Ion Ratio Lower Upper
152 100
115 61.7 37.5 112.7
150 158.1 0.0 338.2

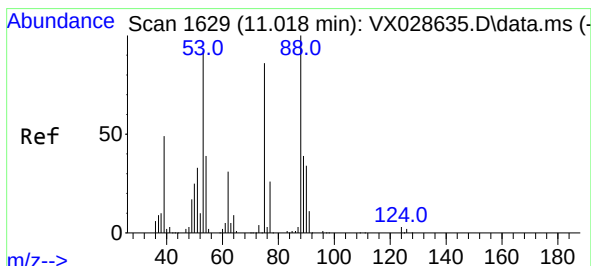
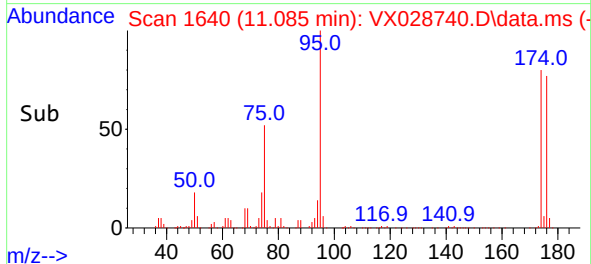
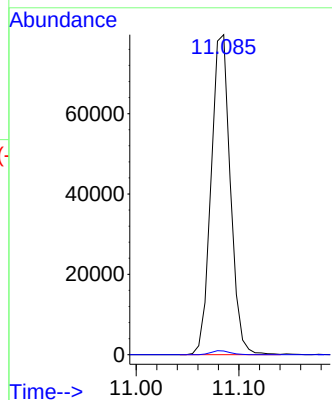
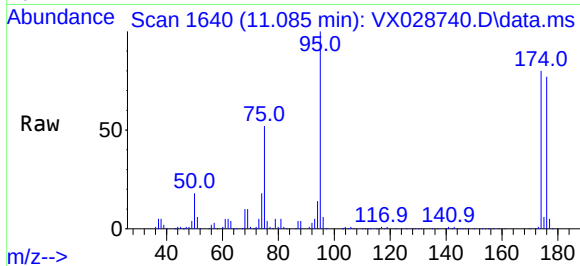




#76
1,2,3-Trichloropropane
Concen: 23.558 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.152 min
Lab File: VX028740.D
Acq: 16 May 2022 18:39

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-TB-20220513

Tgt Ion: 75 Resp: 103532
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.708 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX028740.D
Acq: 16 May 2022 18:39

Tgt Ion: 75 Resp: 103532
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

