

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041125\
 Data File : VX045747.D
 Acq On : 11 Apr 2025 17:23
 Operator : JC/MD
 Sample : Q1773-01RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TB-20250407

Quant Time: Apr 11 23:06:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

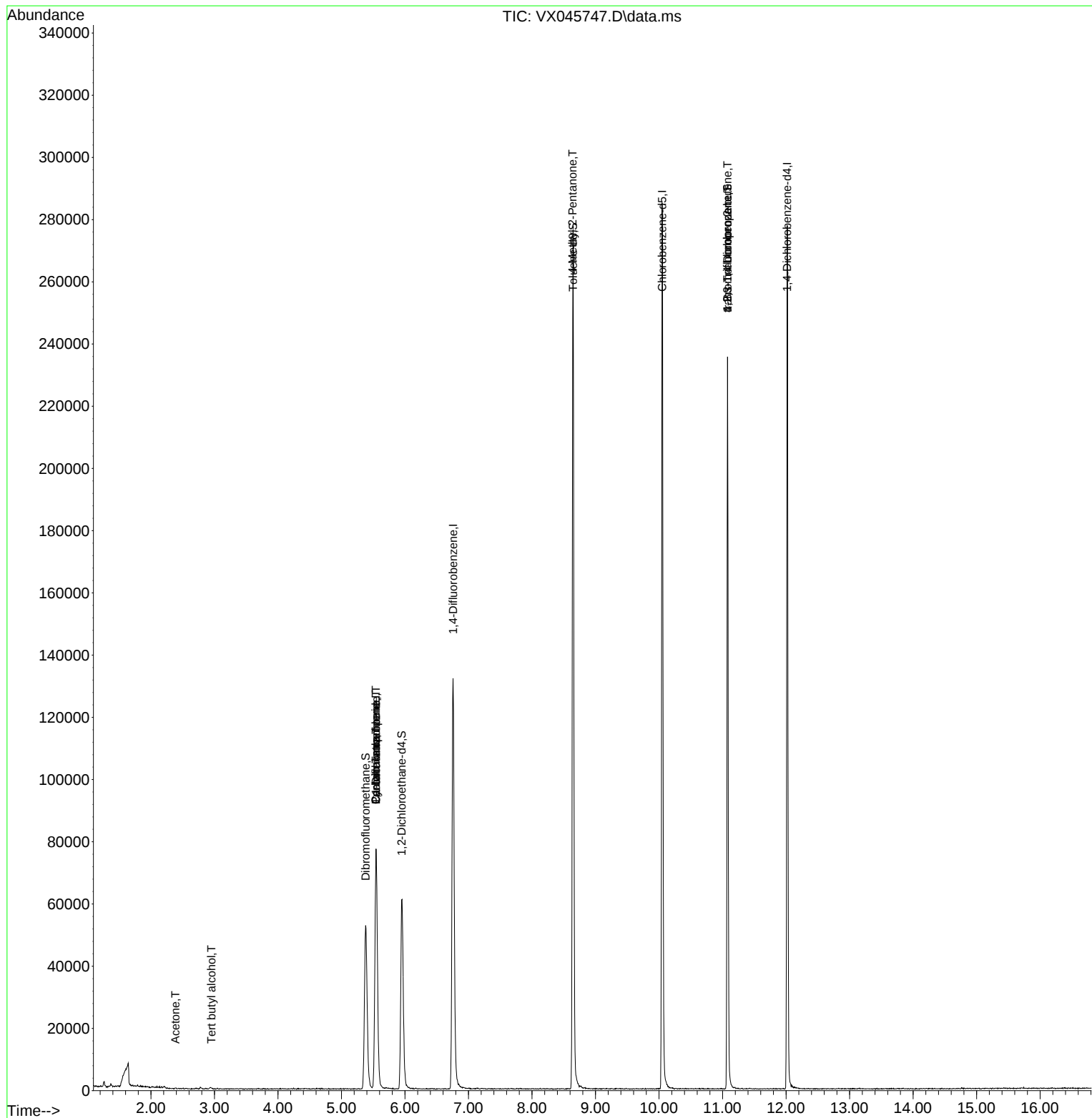
Internal Standards						
1) Pentafluorobenzene	5.544	168	64635	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	127456	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	119779	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	50320	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	64048	54.186	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.380%	
35) Dibromofluoromethane	5.379	113	46129	51.011	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.020%	
50) Toluene-d8	8.647	98	158270	50.143	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.280%	
62) 4-Bromofluorobenzene	11.079	95	60732	52.824	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 105.640%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	123	0.774	ug/l #	72
16) Acetone	2.386	43	254	0.523	ug/l #	47
31) Cyclohexane	5.544	56	1895	1.307	ug/l #	40
36) 1,1-Dichloropropene	5.544	75	6223	5.097	ug/l #	50
38) Carbon Tetrachloride	5.544	117	7743	5.868	ug/l #	14
51) 4-Methyl-2-Pentanone	8.641	43	904	0.585	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	35348	28.799	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	35348	97.739	ug/l #	1

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

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MSVOA_X
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BP-TB-20250407

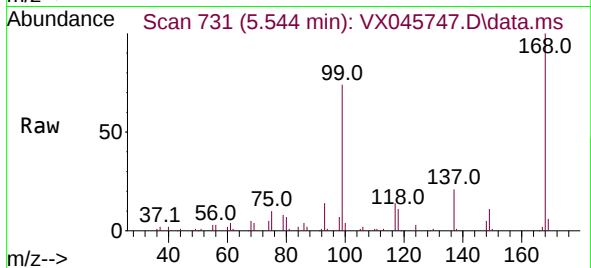
Quant Time: Apr 11 23:06:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
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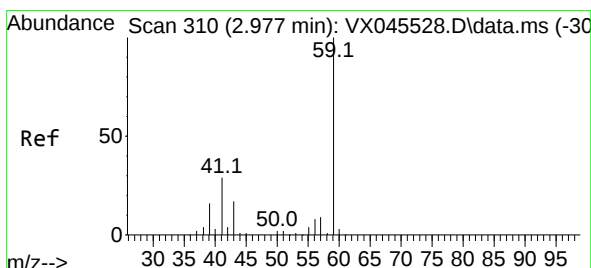
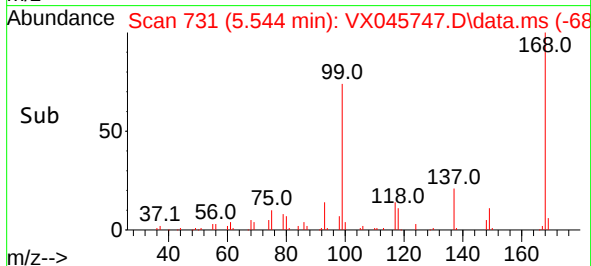
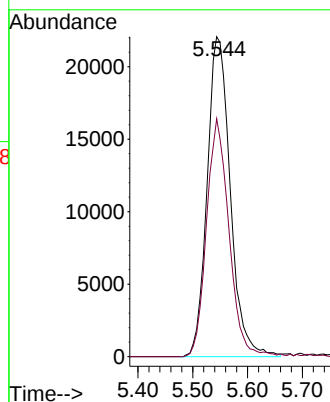


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045747.D
Acq: 11 Apr 2025 17:23

Instrument :
MSVOA_X
ClientSampleId :
BP-TB-20250407

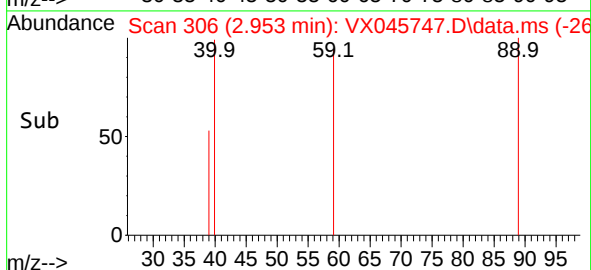
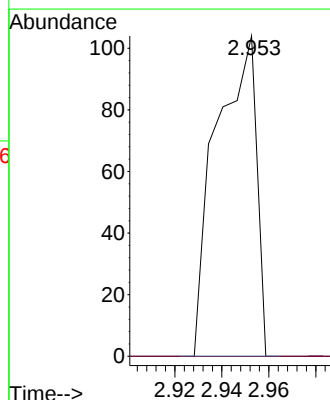
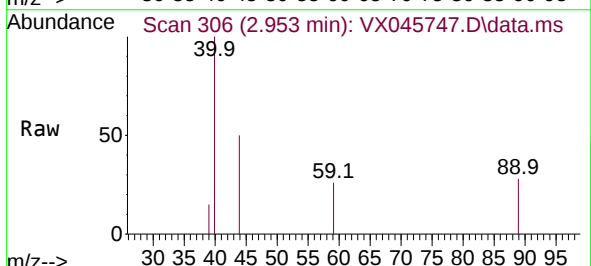


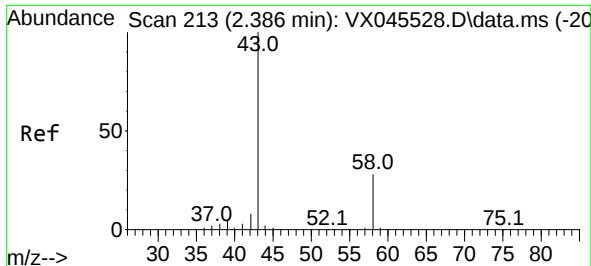
Tgt Ion:168 Resp: 64635
Ion Ratio Lower Upper
168 100
99 74.4 52.3 78.5



#11
Tert butyl alcohol
Concen: 0.774 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.024 min
Lab File: VX045747.D
Acq: 11 Apr 2025 17:23

Tgt Ion: 59 Resp: 123
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

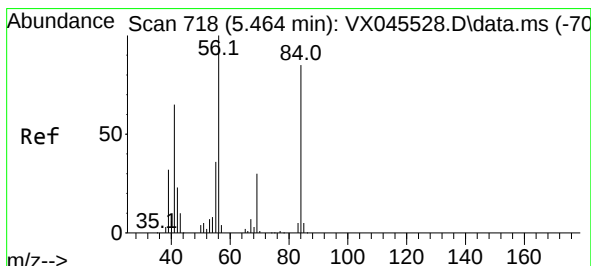
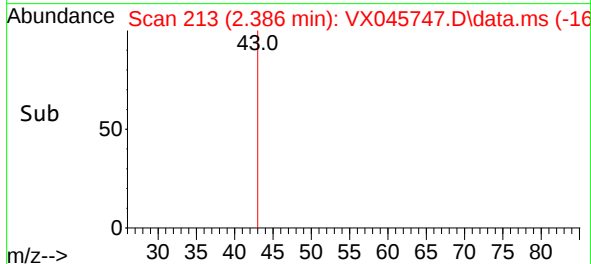
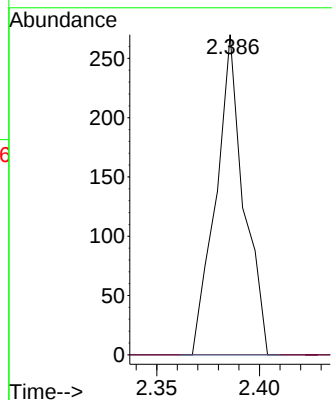
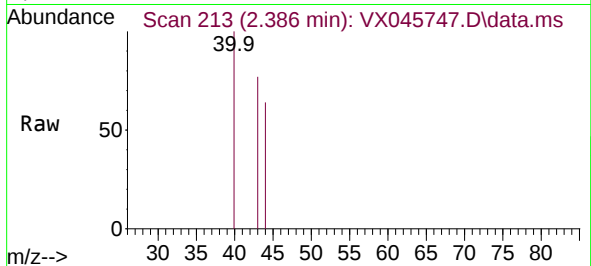




#16
Acetone
Concen: 0.523 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045747.D
Acq: 11 Apr 2025 17:23

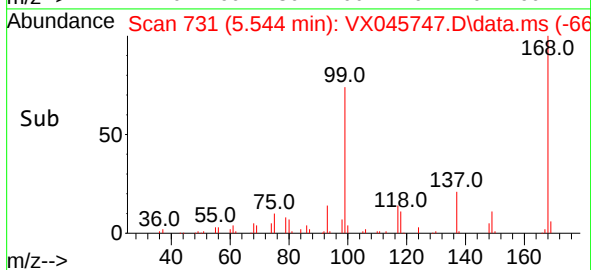
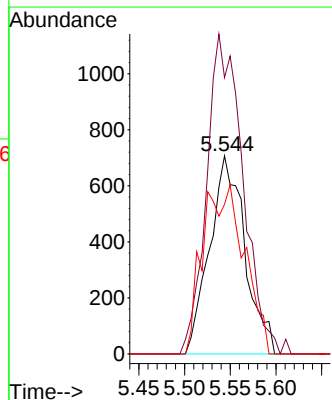
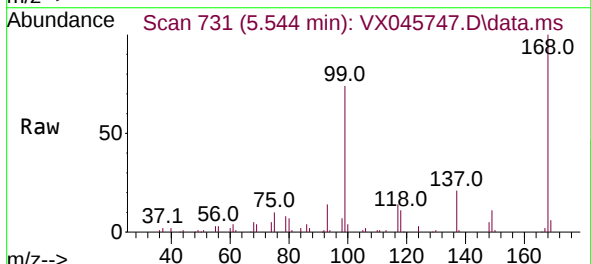
Instrument :
MSVOA_X
ClientSampleId :
BP-TB-20250407

Tgt Ion: 43 Resp: 254
Ion Ratio Lower Upper
43 100
58 0.0 22.3 33.5#



#31
Cyclohexane
Concen: 1.307 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX045747.D
Acq: 11 Apr 2025 17:23

Tgt Ion: 56 Resp: 1895
Ion Ratio Lower Upper
56 100
69 139.5 23.6 35.4#
84 75.5 67.7 101.5





#33

1,2-Dichloroethane-d4

Concen: 54.186 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX045747.D

Acq: 11 Apr 2025 17:23

Instrument :

MSVOA_X

ClientSampleId :

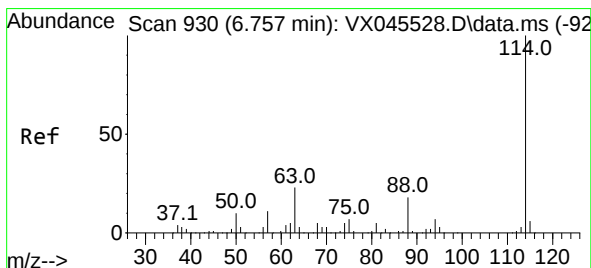
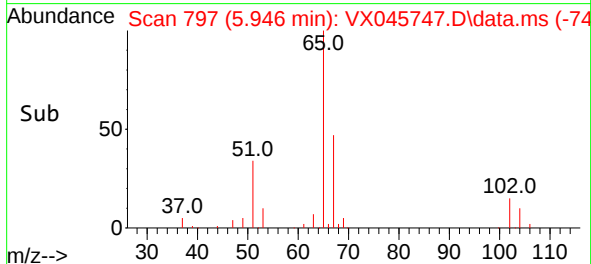
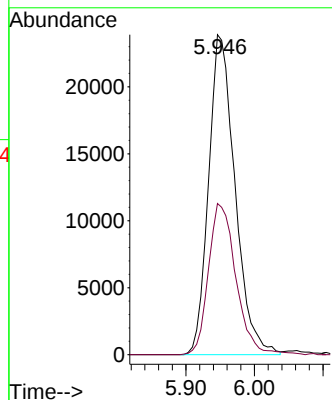
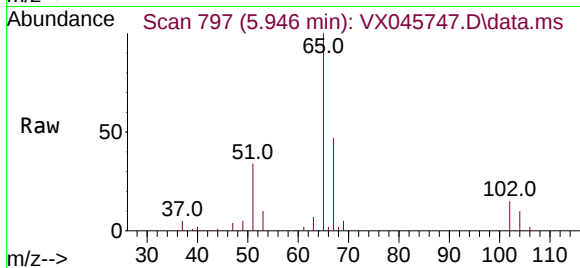
BP-TB-20250407

Tgt Ion: 65 Resp: 64048

Ion Ratio Lower Upper

65 100

67 49.1 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045747.D

Acq: 11 Apr 2025 17:23

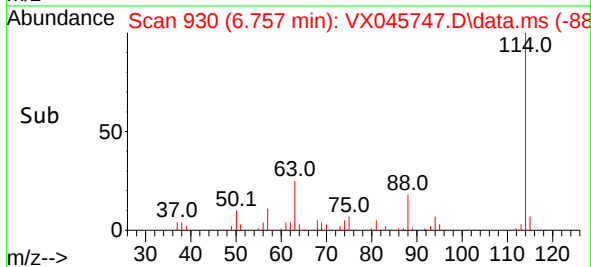
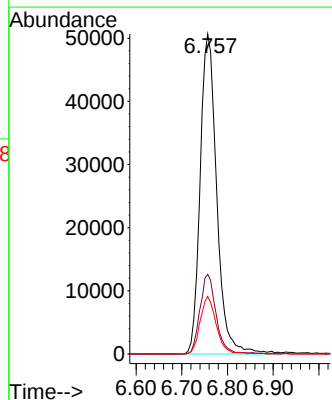
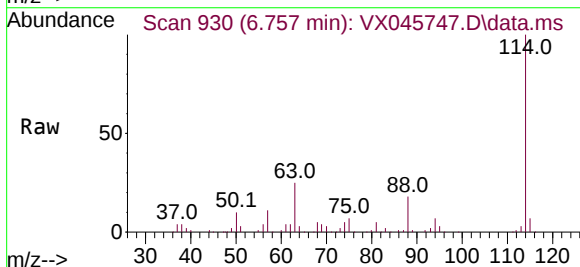
Tgt Ion: 114 Resp: 127456

Ion Ratio Lower Upper

114 100

63 24.9 0.0 46.8

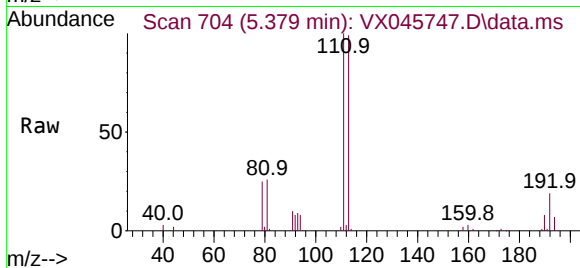
88 18.0 0.0 35.4



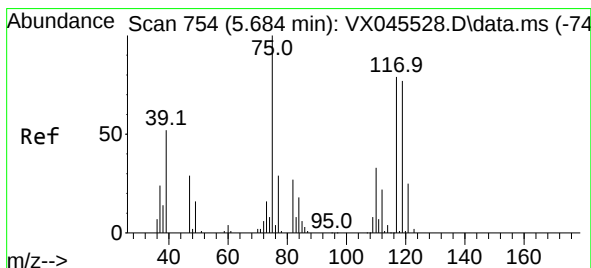
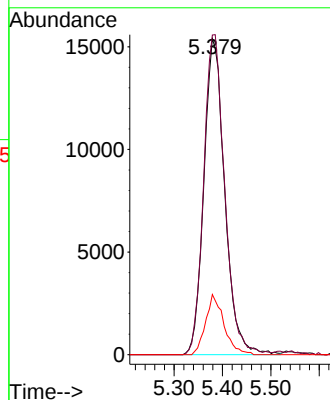
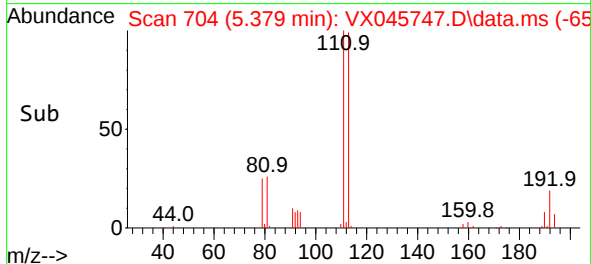


#35
Dibromofluoromethane
Concen: 51.011 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045747.D
Acq: 11 Apr 2025 17:23

Instrument :
MSVOA_X
ClientSampleId :
BP-TB-20250407

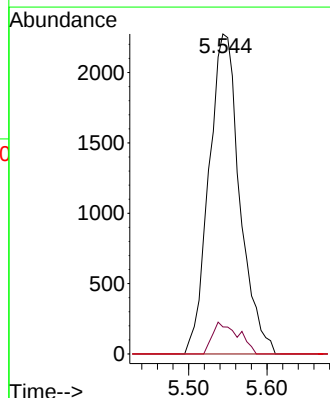
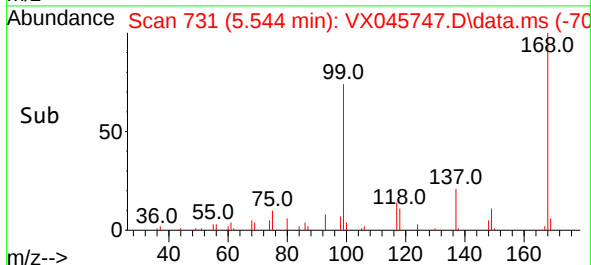
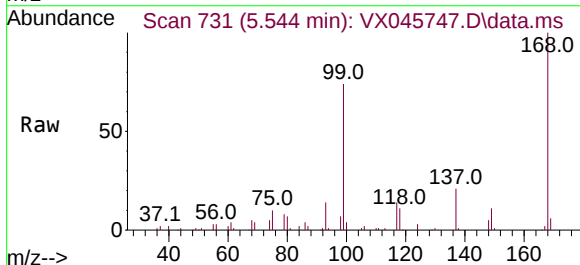


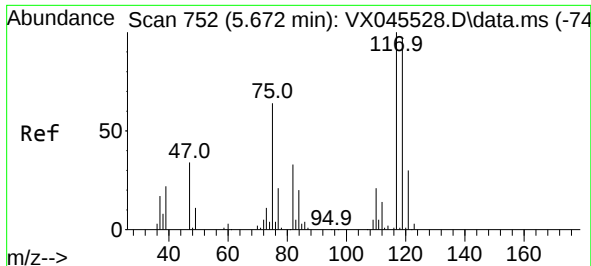
Tgt Ion:113 Resp: 46129
Ion Ratio Lower Upper
113 100
111 101.8 81.8 122.6
192 16.8 13.8 20.6



#36
1,1-Dichloropropene
Concen: 5.097 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX045747.D
Acq: 11 Apr 2025 17:23

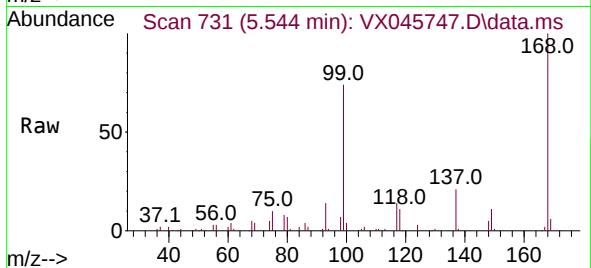
Tgt Ion: 75 Resp: 6223
Ion Ratio Lower Upper
75 100
110 8.3 16.9 50.6#
77 0.0 25.0 37.4#



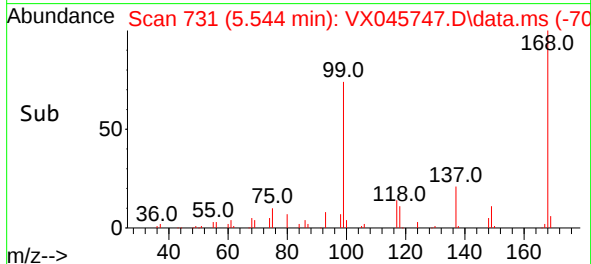
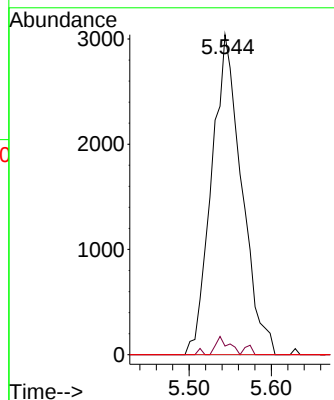


#38
Carbon Tetrachloride
Concen: 5.868 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX045747.D
Acq: 11 Apr 2025 17:23

Instrument :
MSVOA_X
ClientSampleId :
BP-TB-20250407

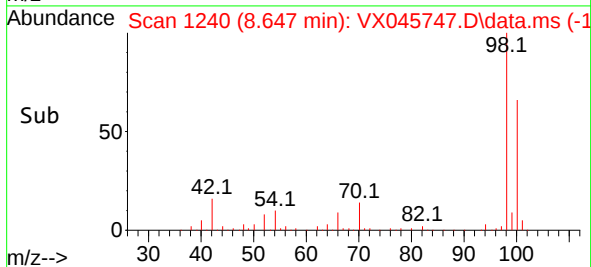
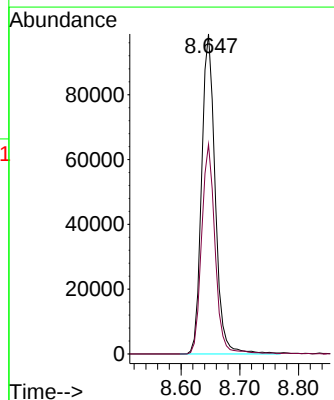
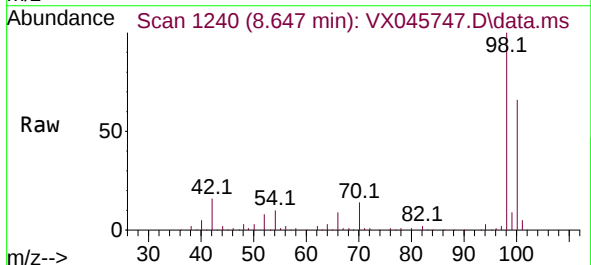


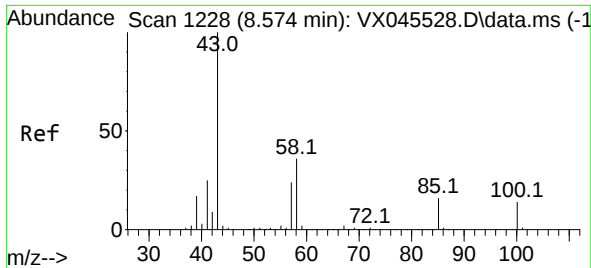
Tgt Ion:117 Resp: 7743
Ion Ratio Lower Upper
117 100
119 2.7 76.9 115.3#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 50.143 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045747.D
Acq: 11 Apr 2025 17:23

Tgt Ion: 98 Resp: 158270
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.4

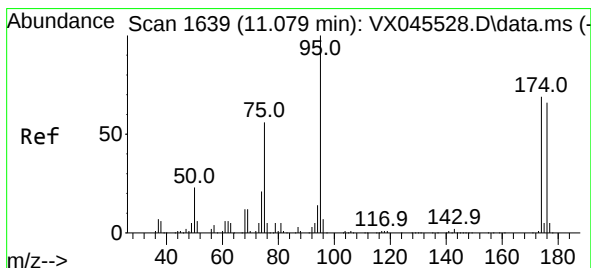
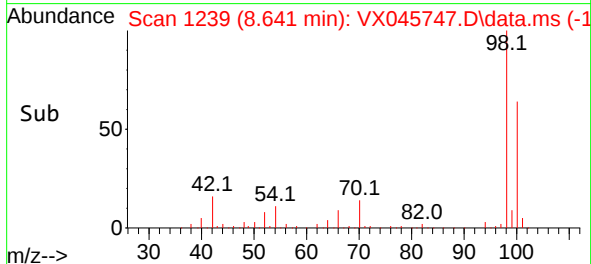
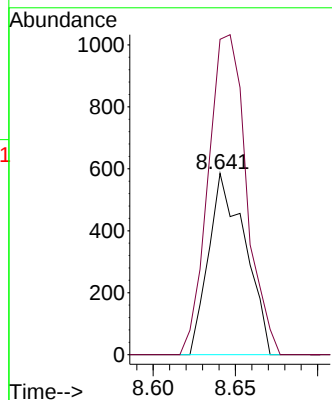
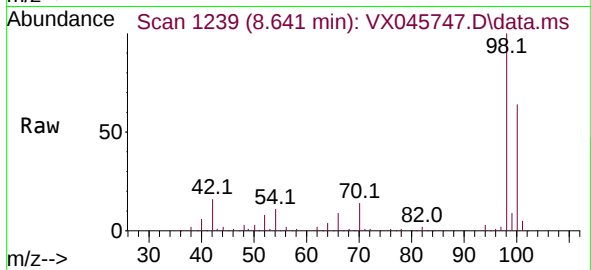




#51
4-Methyl-2-Pentanone
Concen: 0.585 ug/l
RT: 8.641 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX045747.D
Acq: 11 Apr 2025 17:23

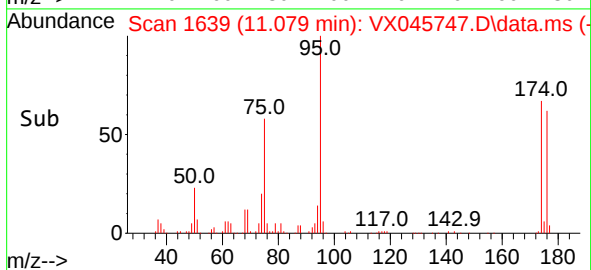
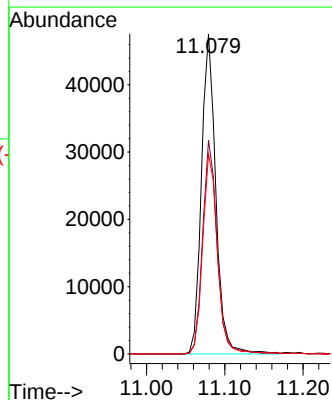
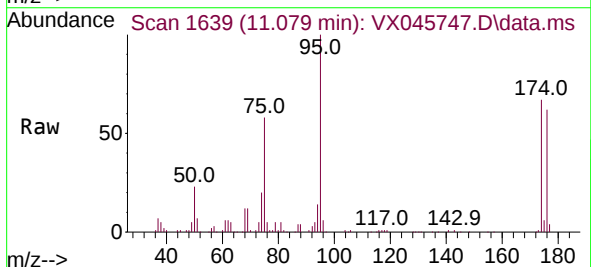
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MSVOA_X
ClientSampleId :
BP-TB-20250407

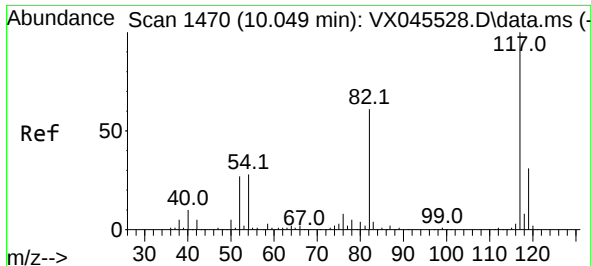
Tgt Ion: 43 Resp: 904
Ion Ratio Lower Upper
43 100
58 185.1 28.5 42.7#



#62
4-Bromofluorobenzene
Concen: 52.824 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045747.D
Acq: 11 Apr 2025 17:23

Tgt Ion: 95 Resp: 60732
Ion Ratio Lower Upper
95 100
174 67.2 0.0 135.8
176 64.3 0.0 131.4

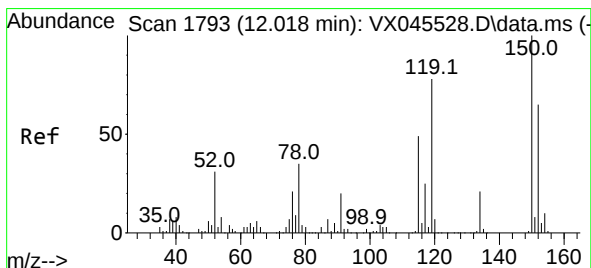
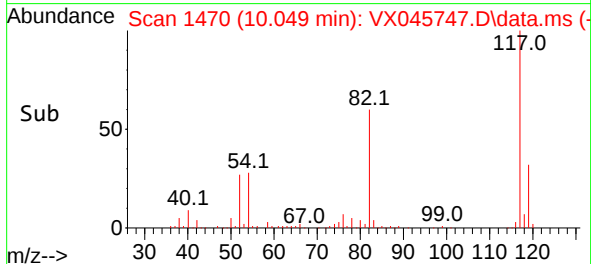
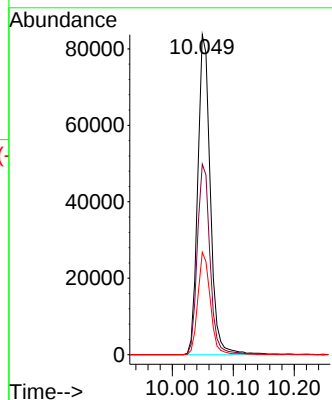
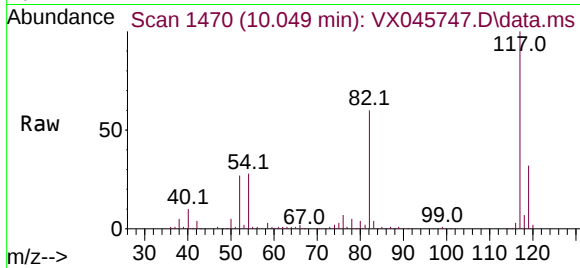




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045747.D
Acq: 11 Apr 2025 17:23

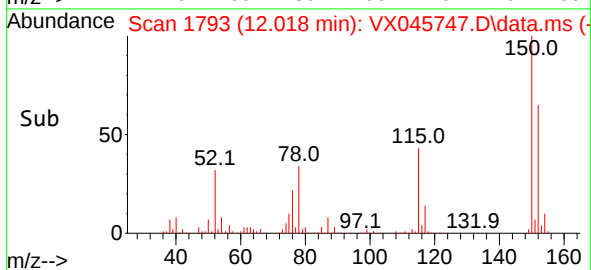
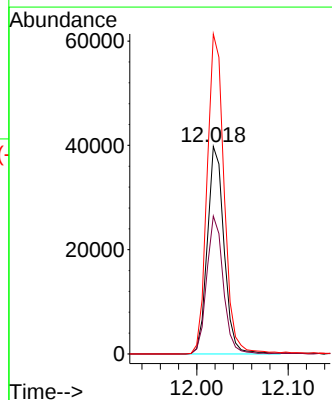
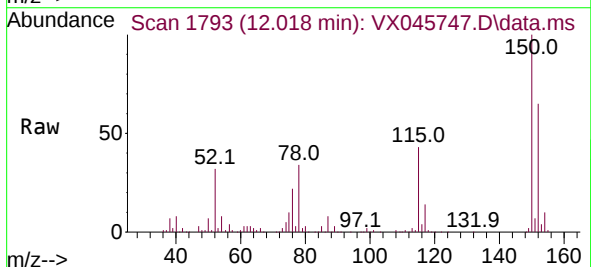
Instrument :
MSVOA_X
ClientSampleId :
BP-TB-20250407

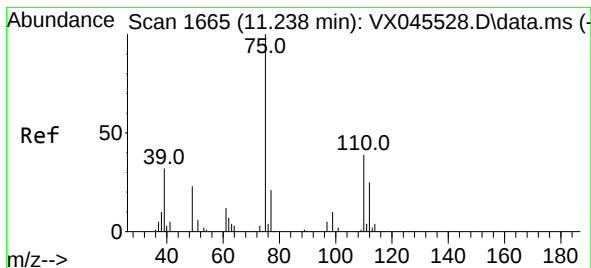
Tgt Ion:117 Resp: 119779
Ion Ratio Lower Upper
117 100
82 59.5 49.2 73.8
119 32.0 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045747.D
Acq: 11 Apr 2025 17:23

Tgt Ion:152 Resp: 50320
Ion Ratio Lower Upper
152 100
115 66.0 46.9 140.7
150 157.8 0.0 349.4





#76

1,2,3-Trichloropropane

Concen: 28.799 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX045747.D

Acq: 11 Apr 2025 17:23

Instrument :

MSVOA_X

ClientSampleId :

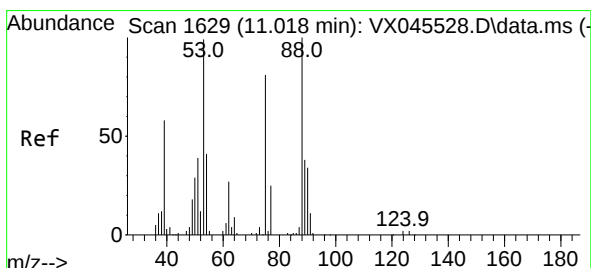
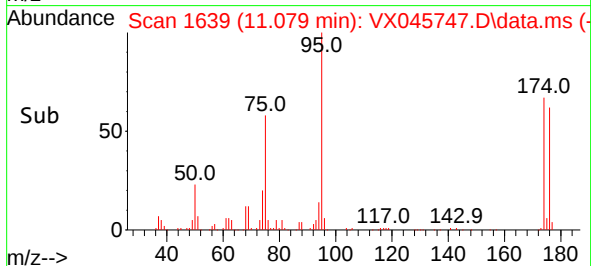
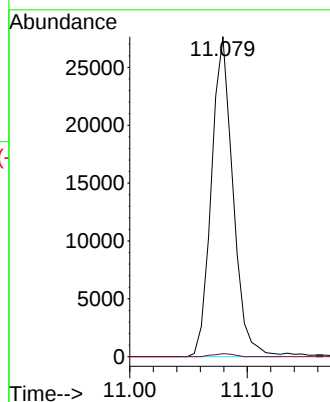
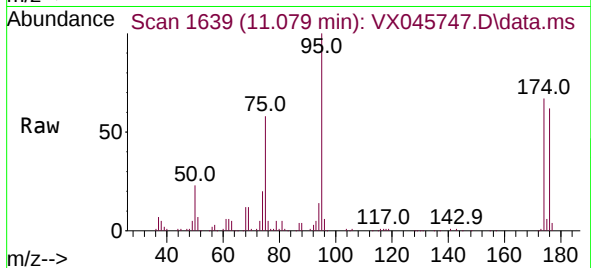
BP-TB-20250407

Tgt Ion: 75 Resp: 35348

Ion Ratio Lower Upper

75 100

77 0.9 20.0 59.9#



#81

trans-1,4-Dichloro-2-butene

Concen: 97.739 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX045747.D

Acq: 11 Apr 2025 17:23

Tgt Ion: 75 Resp: 35348

Ion Ratio Lower Upper

75 100

53 0.0 101.8 152.6#

89 0.0 37.2 55.8#

