

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051325\
 Data File : VX046162.D
 Acq On : 13 May 2025 13:38
 Operator : JC/MD
 Sample : Q2013-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TB-20250508

Quant Time: May 14 01:39:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

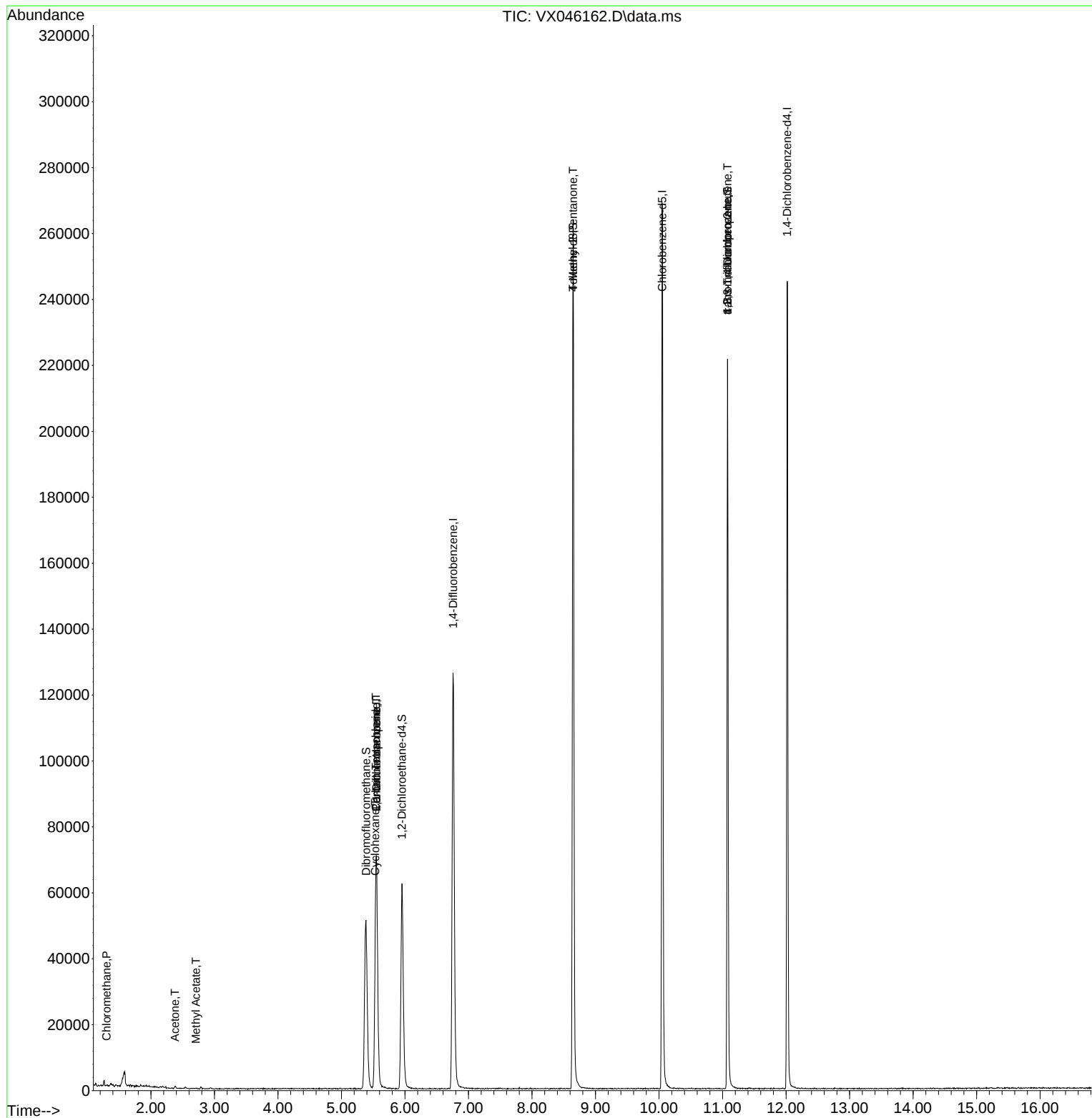
Internal Standards						
1) Pentafluorobenzene	5.550	168	61629	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	121469	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	115380	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	45238	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62290	54.214	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.420%
35) Dibromofluoromethane	5.385	113	44573	50.958	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.920%
50) Toluene-d8	8.647	98	153178	50.596	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.200%
62) 4-Bromofluorobenzene	11.079	95	57615	49.613	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.220%
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	404	0.442	ug/l #	43
16) Acetone	2.379	43	871	1.891	ug/l	99
18) Methyl Acetate	2.709	43	263	0.246	ug/l #	55
31) Cyclohexane	5.531	56	1688	1.233	ug/l #	58
36) 1,1-Dichloropropene	5.550	75	5985	5.093	ug/l #	51
38) Carbon Tetrachloride	5.544	117	7223	5.470	ug/l #	18
51) 4-Methyl-2-Pentanone	8.647	43	849	0.577	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	32772	30.096	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	32772	97.984	ug/l #	1

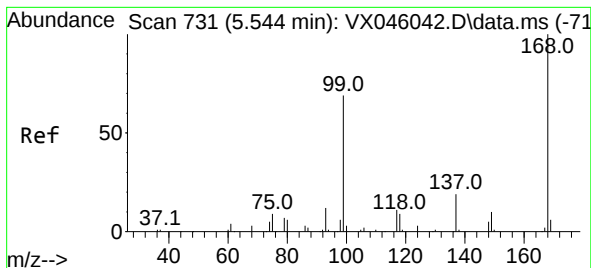
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. 0.006 min

Lab File: VX046162.D

Acq: 13 May 2025 13:38

Instrument :

MSVOA_X

ClientSampleId :

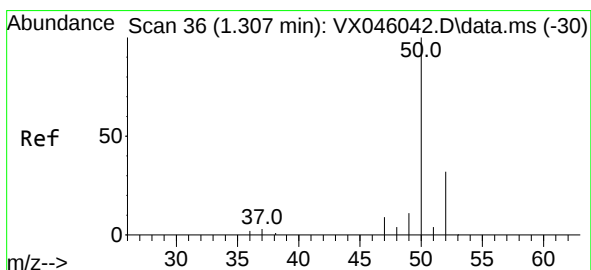
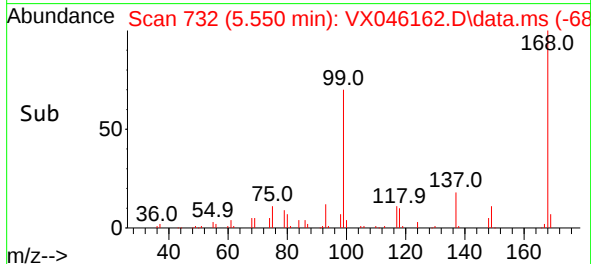
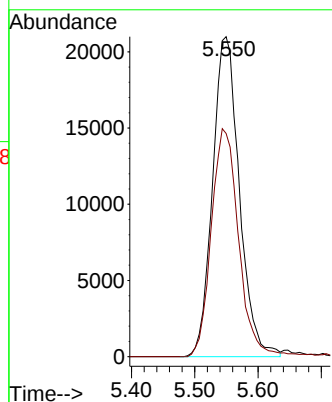
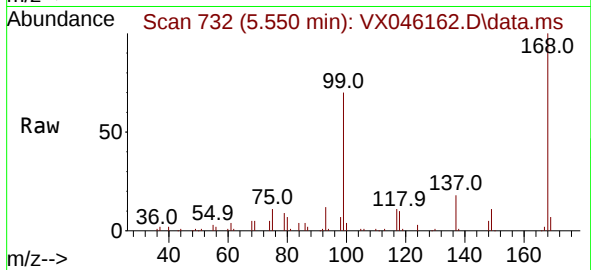
BP-TB-20250508

Tgt Ion:168 Resp: 61629

Ion Ratio Lower Upper

168 100

99 69.8 54.9 82.3



#3

Chloromethane

Concen: 0.442 ug/l

RT: 1.300 min Scan# 35

Delta R.T. -0.006 min

Lab File: VX046162.D

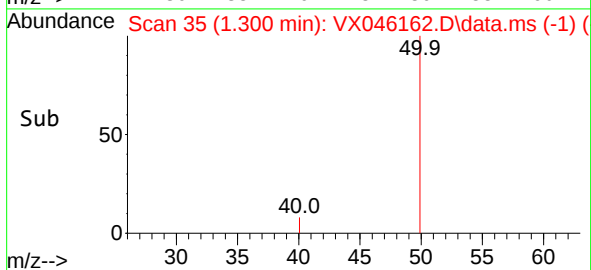
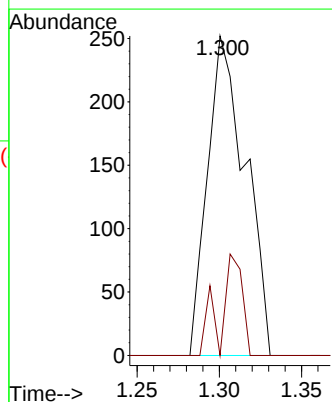
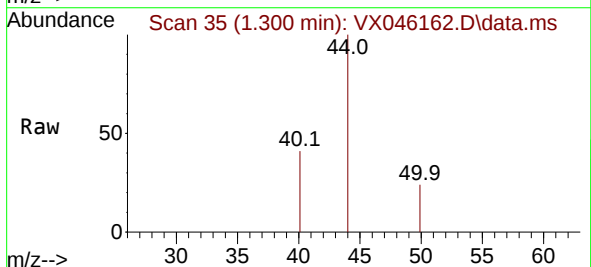
Acq: 13 May 2025 13:38

Tgt Ion: 50 Resp: 404

Ion Ratio Lower Upper

50 100

52 0.0 25.4 38.2#

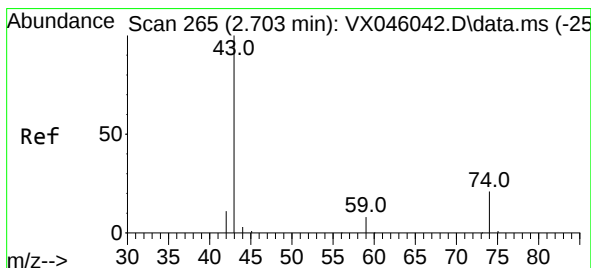
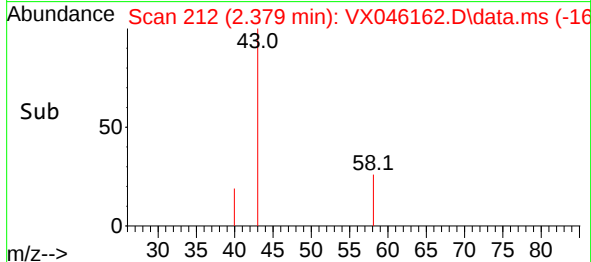
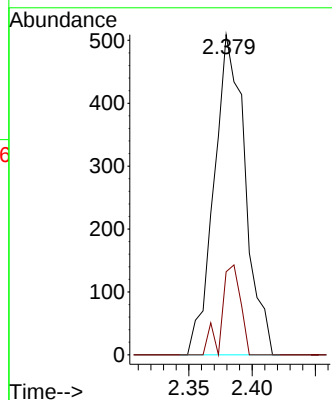
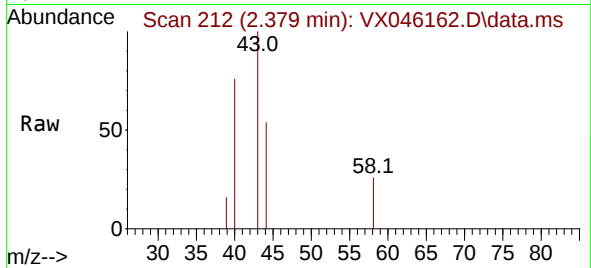




#16
Acetone
Concen: 1.891 ug/l
RT: 2.379 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX046162.D
Acq: 13 May 2025 13:38

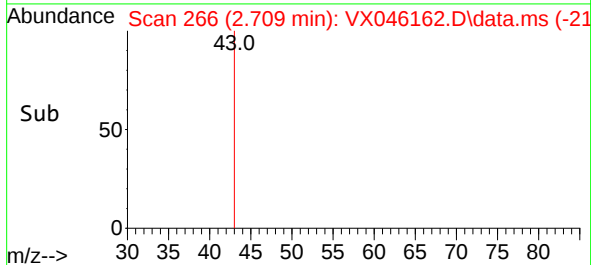
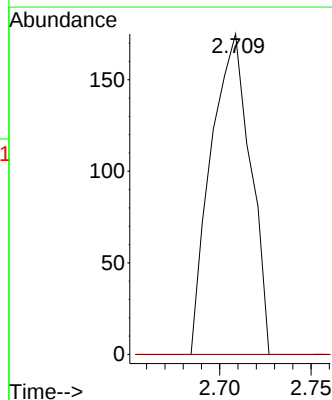
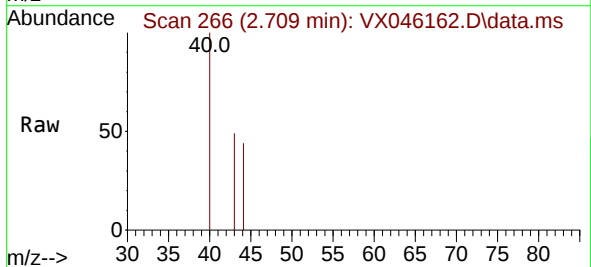
Instrument :
MSVOA_X
ClientSampleId :
BP-TB-20250508

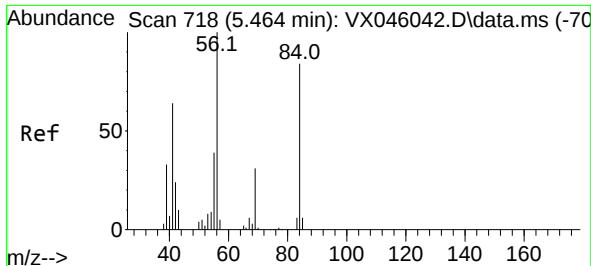
Tgt Ion: 43 Resp: 871
Ion Ratio Lower Upper
43 100
58 25.9 21.2 31.8



#18
Methyl Acetate
Concen: 0.246 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX046162.D
Acq: 13 May 2025 13:38

Tgt Ion: 43 Resp: 263
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#

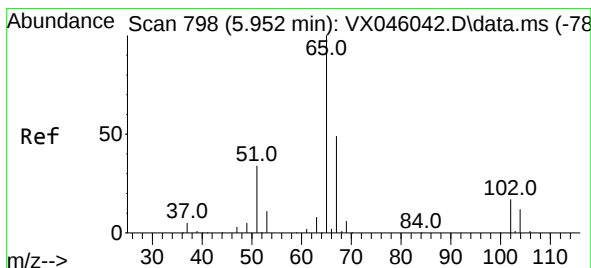
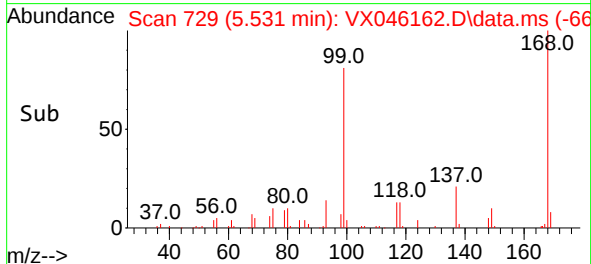
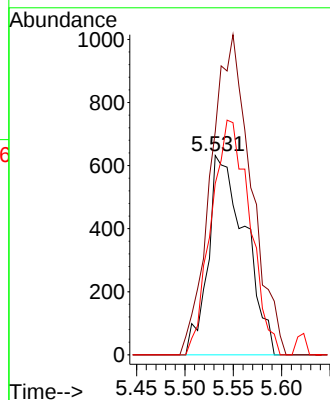
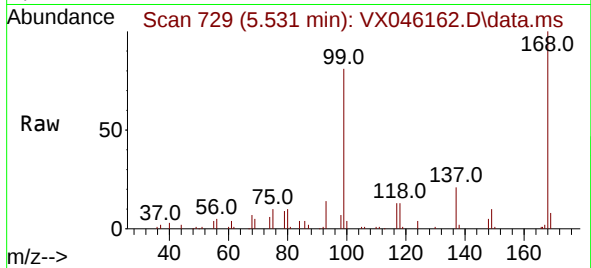




#31
Cyclohexane
Concen: 1.233 ug/l
RT: 5.531 min Scan# 718
Delta R.T. 0.067 min
Lab File: VX046162.D
Acq: 13 May 2025 13:38

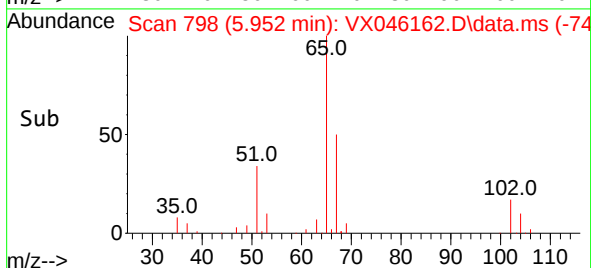
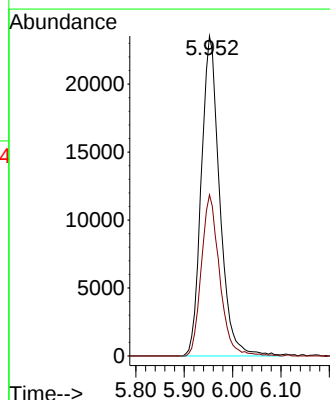
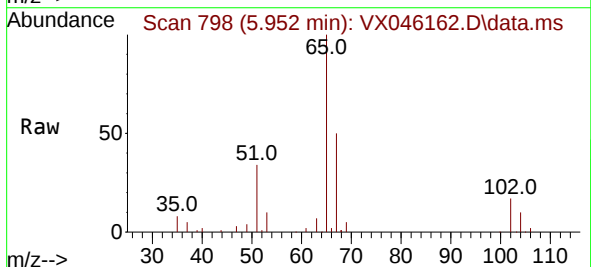
Instrument :
MSVOA_X
ClientSampleId :
BP-TB-20250508

Tgt Ion: 56 Resp: 1688
Ion Ratio Lower Upper
56 100
69 111.9 24.4 36.6#
84 85.9 66.9 100.3



#33
1,2-Dichloroethane-d4
Concen: 54.214 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046162.D
Acq: 13 May 2025 13:38

Tgt Ion: 65 Resp: 62290
Ion Ratio Lower Upper
65 100
67 49.9 0.0 99.0

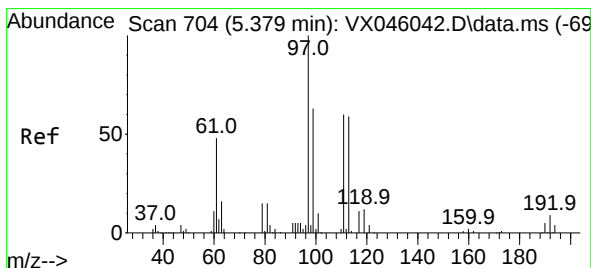
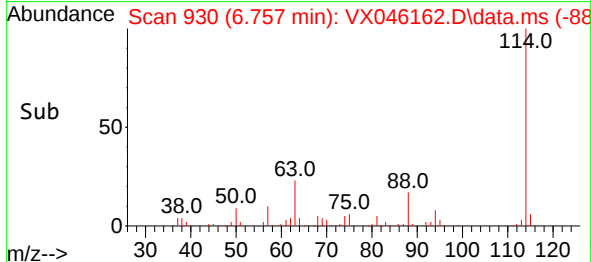
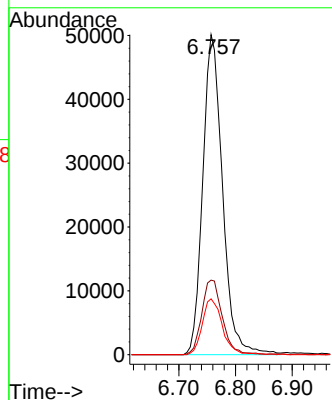
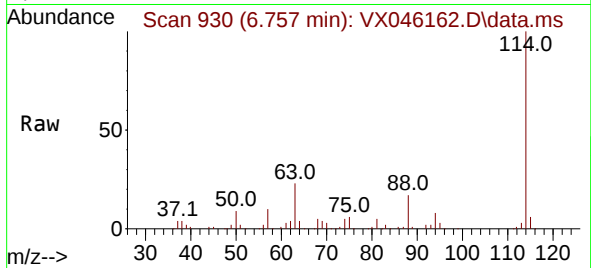




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046162.D
Acq: 13 May 2025 13:38

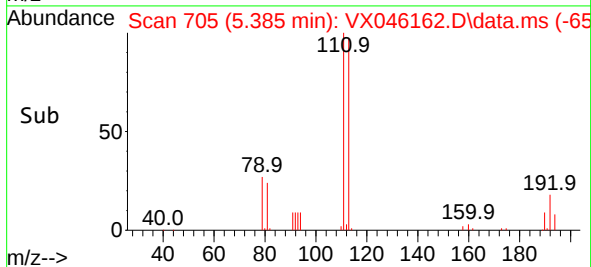
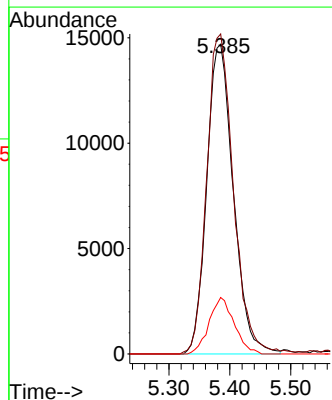
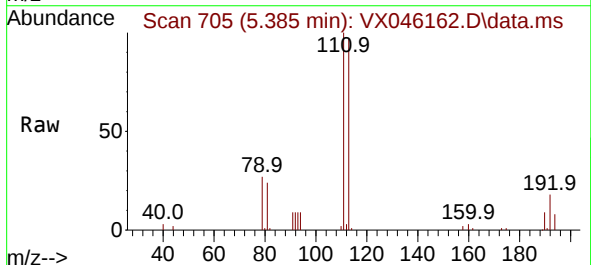
Instrument :
MSVOA_X
ClientSampleId :
BP-TB-20250508

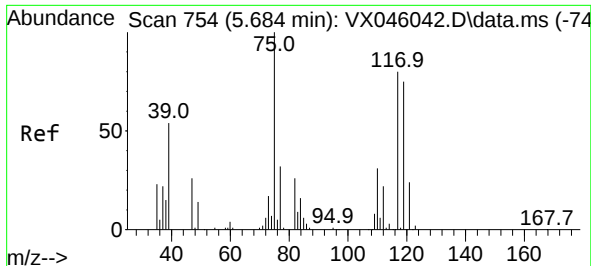
Tgt Ion:114 Resp: 121469
Ion Ratio Lower Upper
114 100
63 23.3 0.0 49.2
88 17.4 0.0 33.6



#35
Dibromofluoromethane
Concen: 50.958 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX046162.D
Acq: 13 May 2025 13:38

Tgt Ion:113 Resp: 44573
Ion Ratio Lower Upper
113 100
111 104.1 83.1 124.7
192 17.2 13.3 19.9

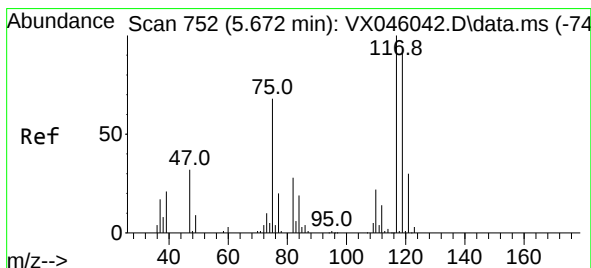
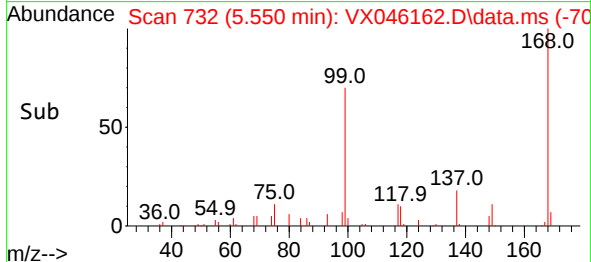
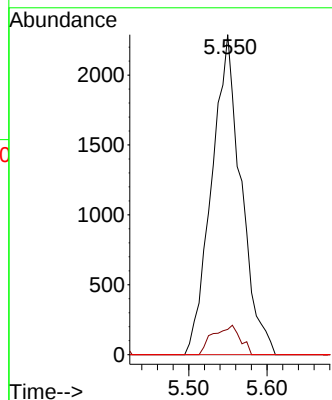
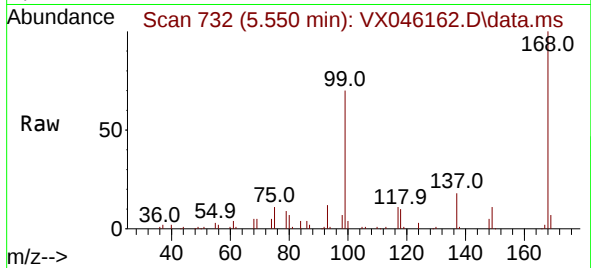




#36
1,1-Dichloropropene
Concen: 5.093 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX046162.D
Acq: 13 May 2025 13:38

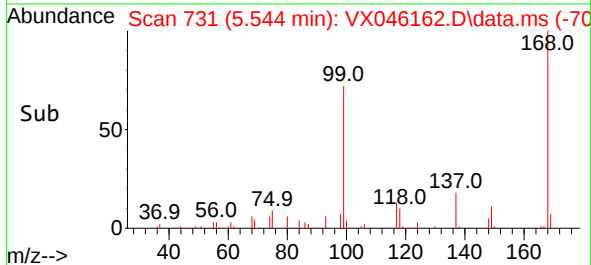
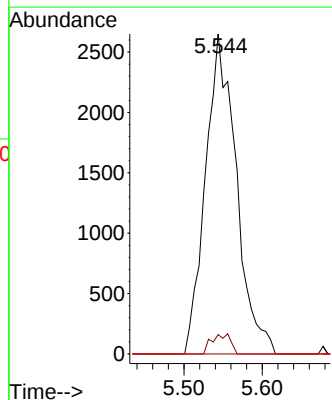
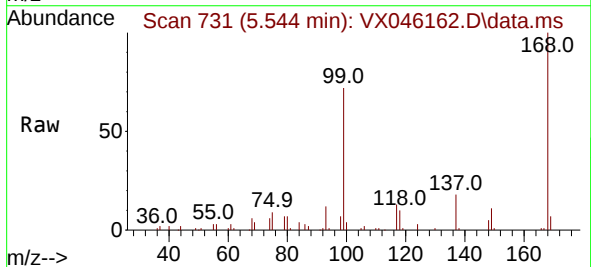
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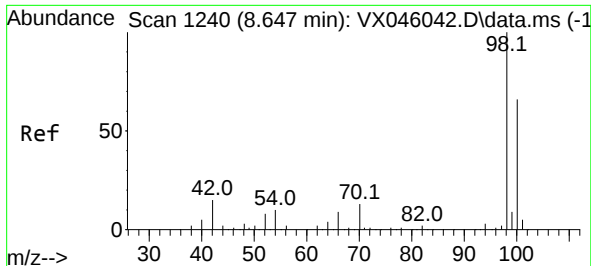
Tgt Ion: 75 Resp: 5985
Ion Ratio Lower Upper
75 100
110 8.4 16.3 48.9#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.470 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX046162.D
Acq: 13 May 2025 13:38

Tgt Ion: 117 Resp: 7223
Ion Ratio Lower Upper
117 100
119 6.0 75.2 112.8#
121 0.0 24.2 36.4#

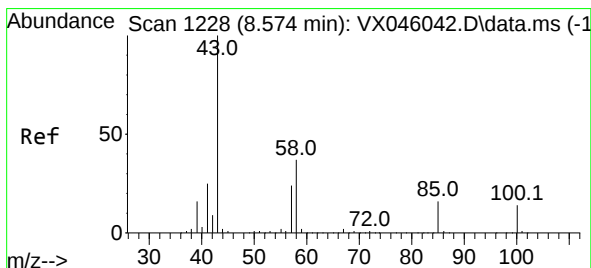
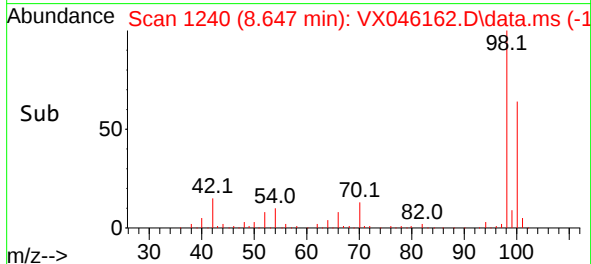
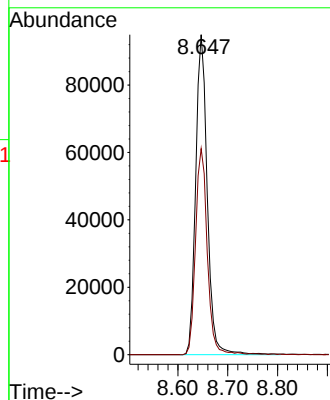
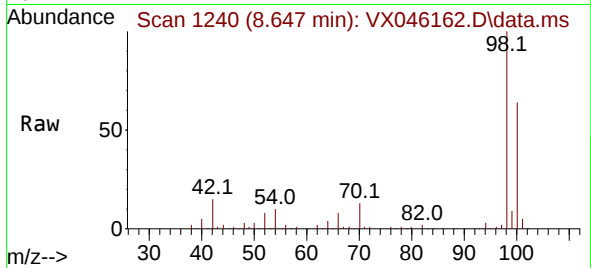




#50
Toluene-d8
Concen: 50.596 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046162.D
Acq: 13 May 2025 13:38

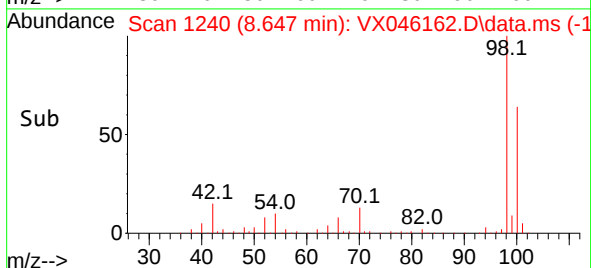
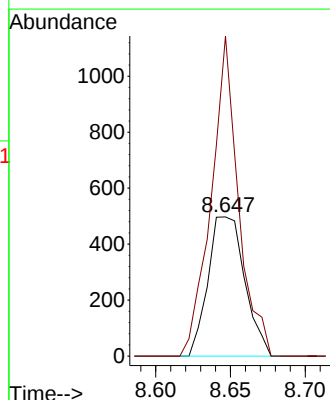
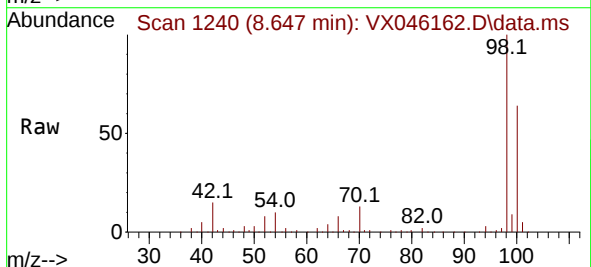
Instrument :
MSVOA_X
ClientSampleId :
BP-TB-20250508

Tgt Ion: 98 Resp: 153178
Ion Ratio Lower Upper
98 100
100 65.1 53.5 80.3



#51
4-Methyl-2-Pentanone
Concen: 0.577 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX046162.D
Acq: 13 May 2025 13:38

Tgt Ion: 43 Resp: 849
Ion Ratio Lower Upper
43 100
58 171.1 28.9 43.3#





#62

4-Bromofluorobenzene

Concen: 49.613 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX046162.D

Acq: 13 May 2025 13:38

Instrument :

MSVOA_X

ClientSampleId :

BP-TB-20250508

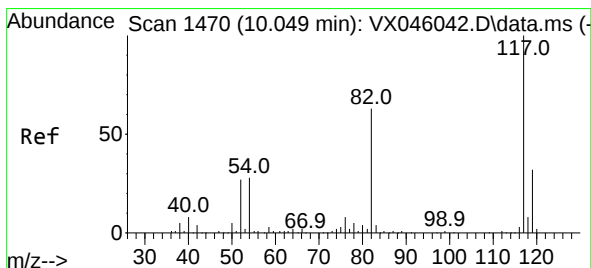
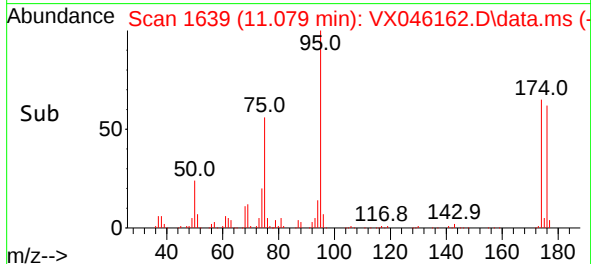
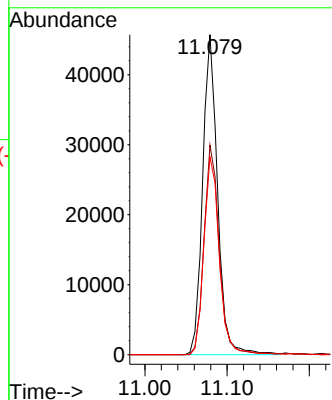
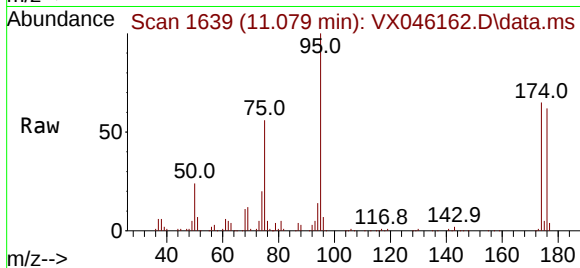
Tgt Ion: 95 Resp: 57615

Ion Ratio Lower Upper

95 100

174 66.9 0.0 135.8

176 63.9 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: VX046162.D

Acq: 13 May 2025 13:38

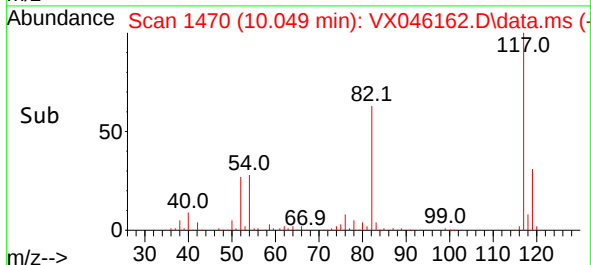
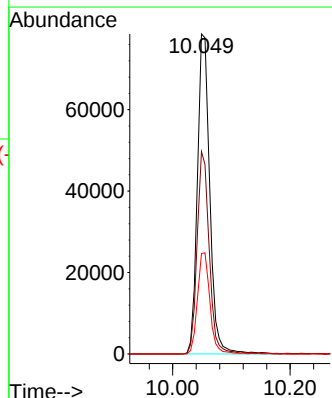
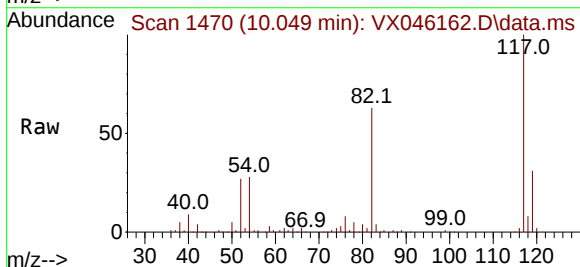
Tgt Ion: 117 Resp: 115380

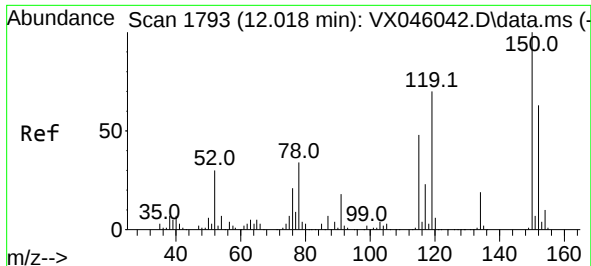
Ion Ratio Lower Upper

117 100

82 63.2 50.6 76.0

119 31.4 25.8 38.6

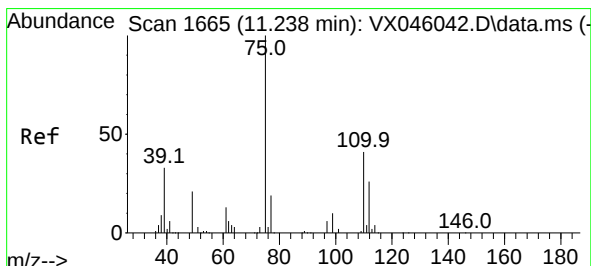
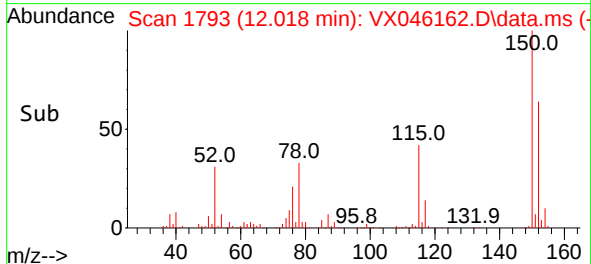
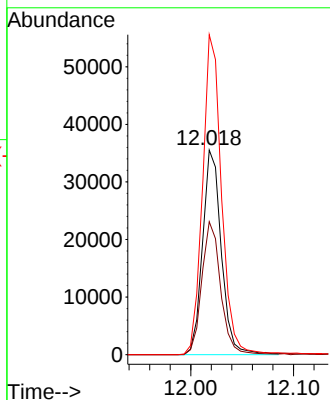
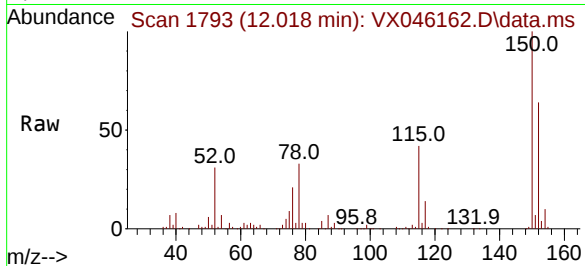




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046162.D
 Acq: 13 May 2025 13:38

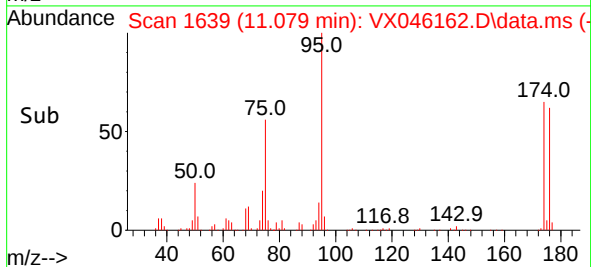
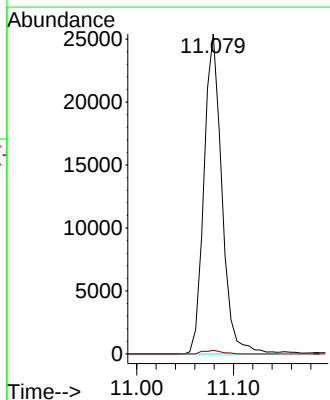
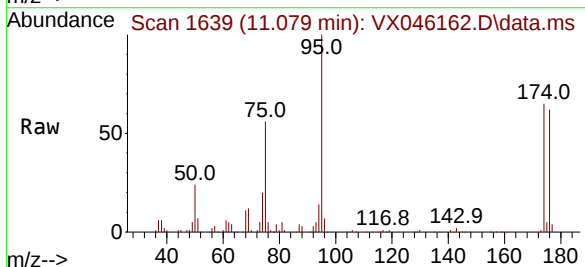
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TB-20250508

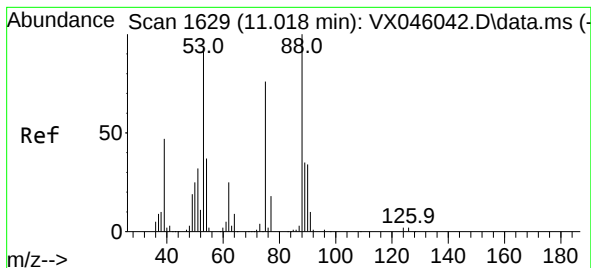
Tgt Ion:152 Resp: 45238
 Ion Ratio Lower Upper
 152 100
 115 65.3 46.9 140.7
 150 159.1 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 30.096 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX046162.D
 Acq: 13 May 2025 13:38

Tgt Ion: 75 Resp: 32772
 Ion Ratio Lower Upper
 75 100
 77 1.2 20.5 61.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 97.984 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX046162.D
 Acq: 13 May 2025 13:38

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TB-20250508

Tgt Ion: 75 Resp: 32772
 Ion Ratio Lower Upper
 75 100
 53 0.0 100.5 150.7#
 89 0.0 37.0 55.6#

