

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041125\
 Data File : VX045737.D
 Acq On : 11 Apr 2025 13:32
 Operator : JC/MD
 Sample : Q1773-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TB-20250407

Quant Time: Apr 11 23:04:46 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)

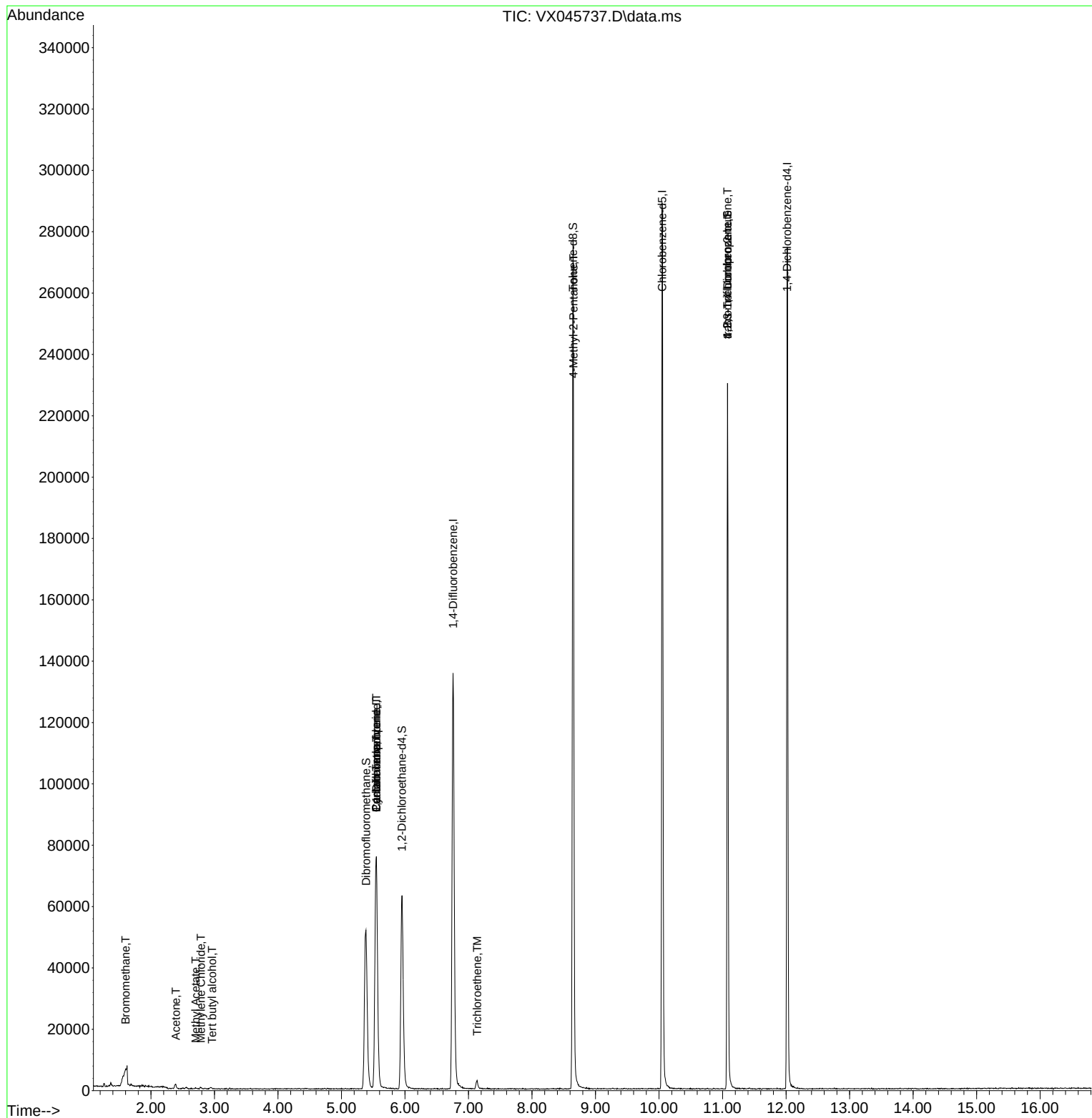
Internal Standards						
1) Pentafluorobenzene	5.550	168	66050	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	130076	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	118800	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49090	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65370	54.120	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.240%	
35) Dibromofluoromethane	5.385	113	46829	50.742	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.480%	
50) Toluene-d8	8.647	98	160045	49.684	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.360%	
62) 4-Bromofluorobenzene	11.079	95	60149	51.263	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 102.520%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	102	0.232	ug/l #	64
11) Tert butyl alcohol	2.965	59	40	0.246	ug/l #	72
16) Acetone	2.392	43	1670	3.367	ug/l	92
18) Methyl Acetate	2.703	43	373	0.327	ug/l #	89
20) Methylene Chloride	2.788	84	213	0.229	ug/l	96
31) Cyclohexane	5.550	56	1860	1.255	ug/l #	53
36) 1,1-Dichloropropene	5.550	75	6585	5.285	ug/l #	51
38) Carbon Tetrachloride	5.550	117	8001	5.941	ug/l #	15
44) Trichloroethene	7.135	130	1231	1.361	ug/l	99
51) 4-Methyl-2-Pentanone	8.653	43	1073	0.680	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	34983	29.215	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	34983	99.153	ug/l #	1

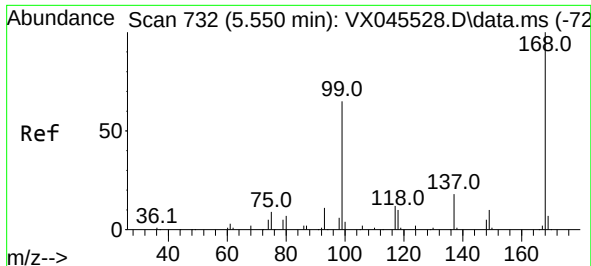
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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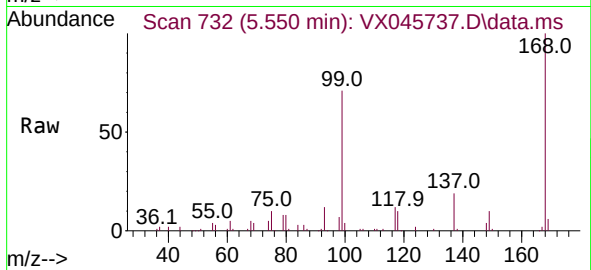
Quant Time: Apr 11 23:04:46 2025
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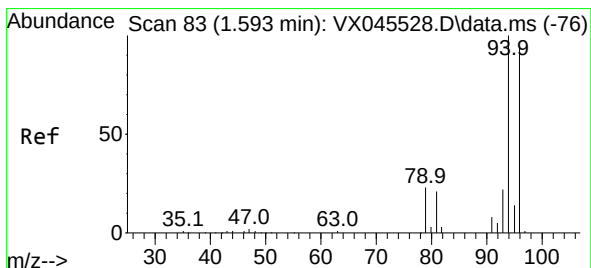
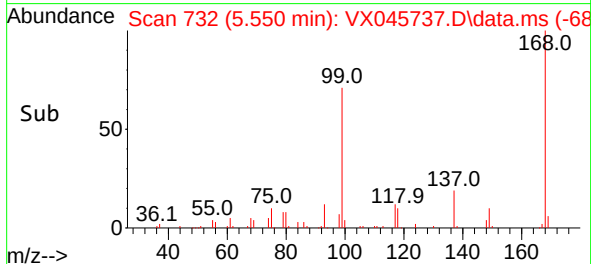
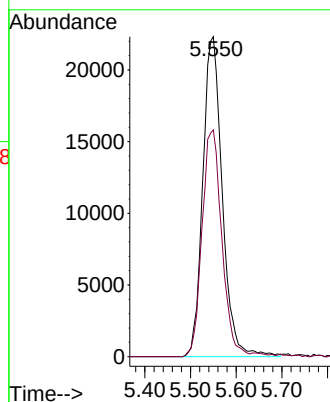


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045737.D
Acq: 11 Apr 2025 13:32

Instrument :
MSVOA_X
ClientSampleId :
BP-TB-20250407

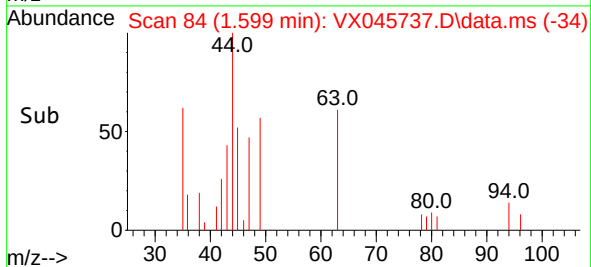
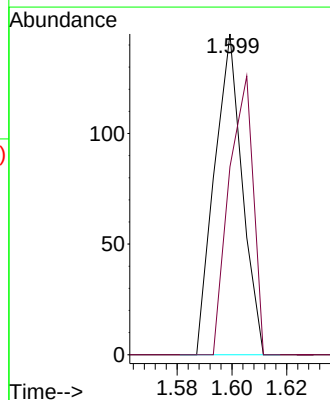
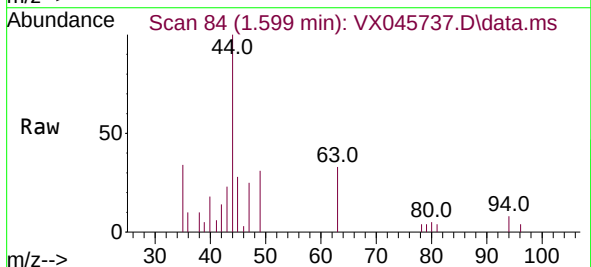


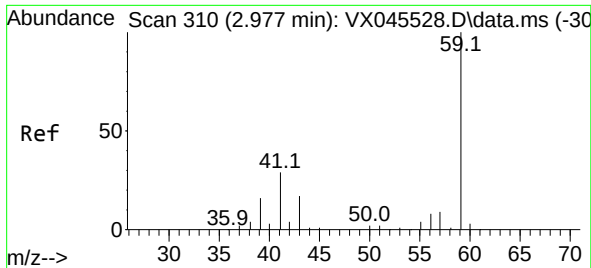
Tgt Ion:168 Resp: 66050
Ion Ratio Lower Upper
168 100
99 70.8 52.3 78.5



#5
Bromomethane
Concen: 0.232 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX045737.D
Acq: 11 Apr 2025 13:32

Tgt Ion: 94 Resp: 102
Ion Ratio Lower Upper
94 100
96 58.6 74.8 112.2#

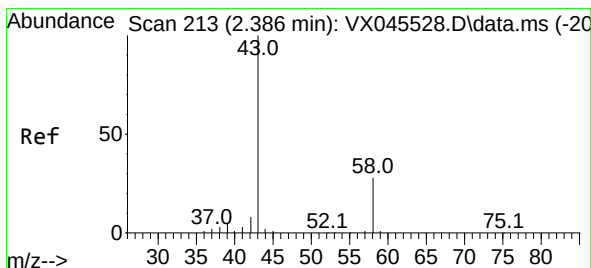
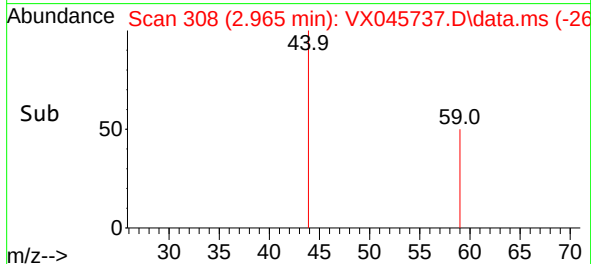
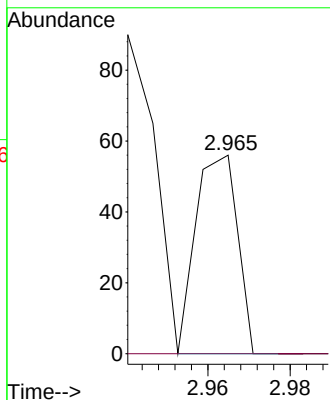
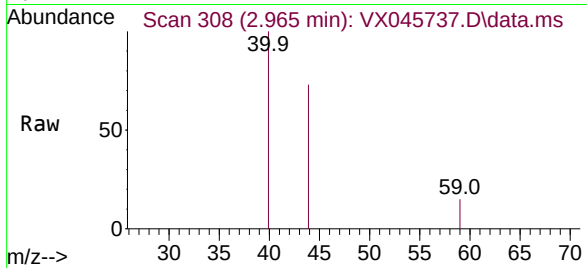




#11
Tert butyl alcohol
Concen: 0.246 ug/l
RT: 2.965 min Scan# 30
Delta R.T. -0.012 min
Lab File: VX045737.D
Acq: 11 Apr 2025 13:32

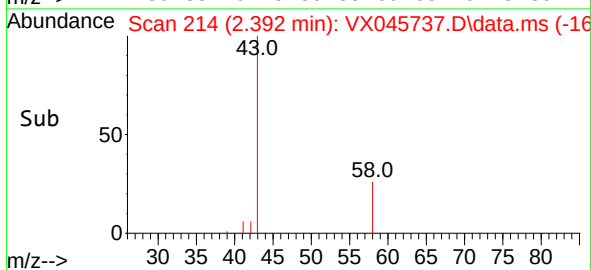
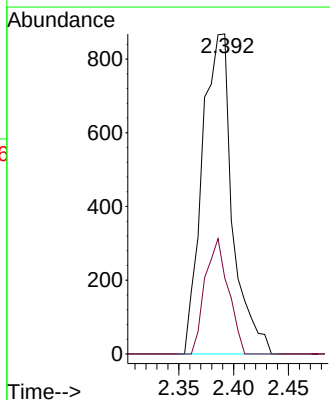
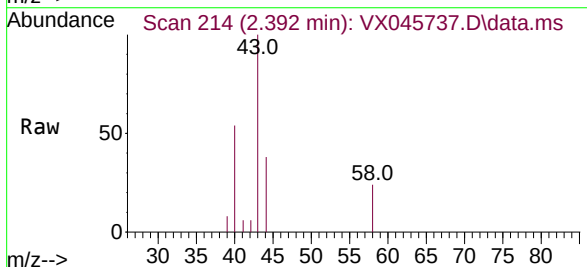
Instrument :
MSVOA_X
ClientSampleId :
BP-TB-20250407

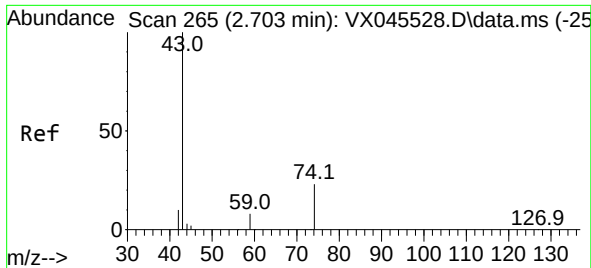
Tgt Ion: 59 Resp: 40
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#16
Acetone
Concen: 3.367 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX045737.D
Acq: 11 Apr 2025 13:32

Tgt Ion: 43 Resp: 1670
Ion Ratio Lower Upper
43 100
58 23.7 22.3 33.5

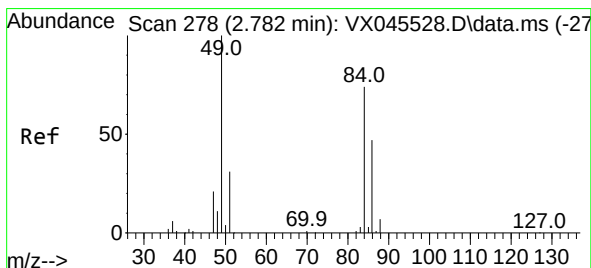
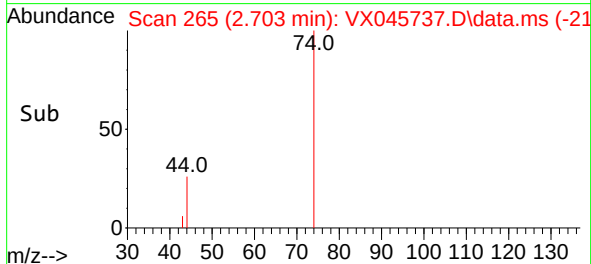
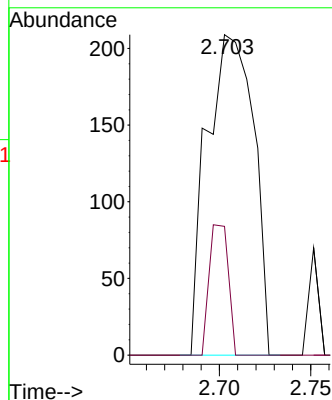
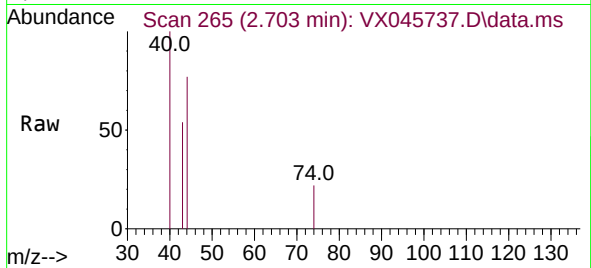




#18
Methyl Acetate
Concen: 0.327 ug/l
RT: 2.703 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX045737.D
Acq: 11 Apr 2025 13:32

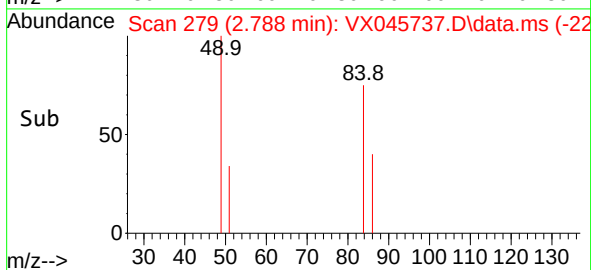
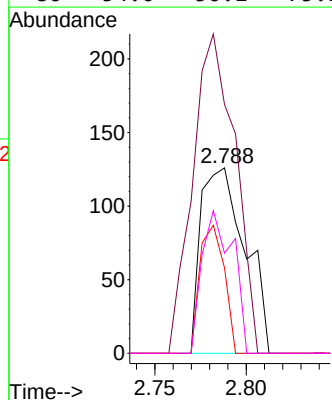
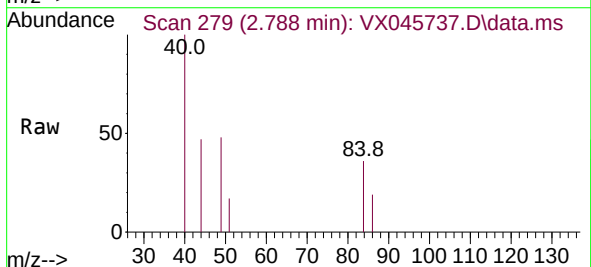
Instrument :
MSVOA_X
ClientSampleId :
BP-TB-20250407

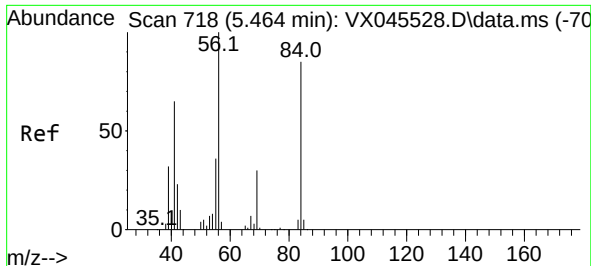
Tgt Ion: 43 Resp: 373
Ion Ratio Lower Upper
43 100
74 16.6 17.5 26.3#



#20
Methylene Chloride
Concen: 0.229 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX045737.D
Acq: 11 Apr 2025 13:32

Tgt Ion: 84 Resp: 213
Ion Ratio Lower Upper
84 100
49 134.1 107.5 161.3
51 46.0 33.0 49.6
86 54.0 50.1 75.1

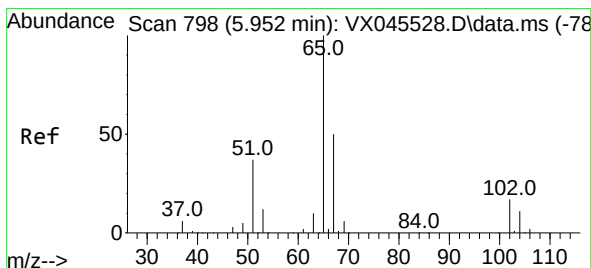
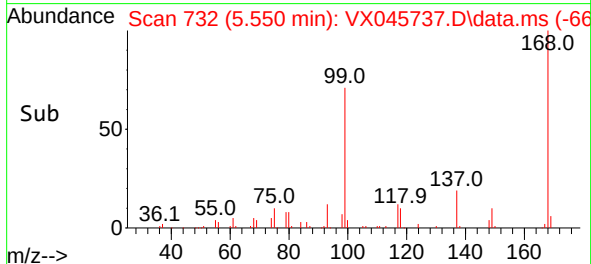
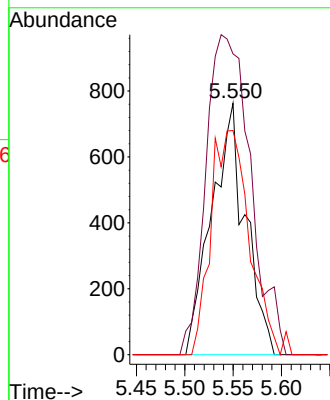
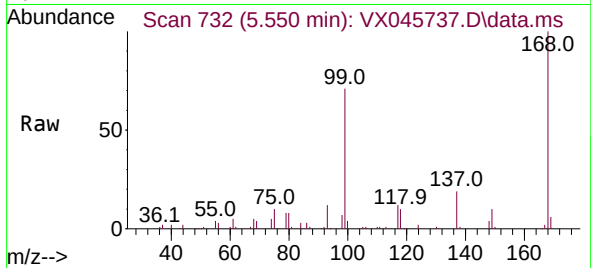




#31
Cyclohexane
Concen: 1.255 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX045737.D
Acq: 11 Apr 2025 13:32

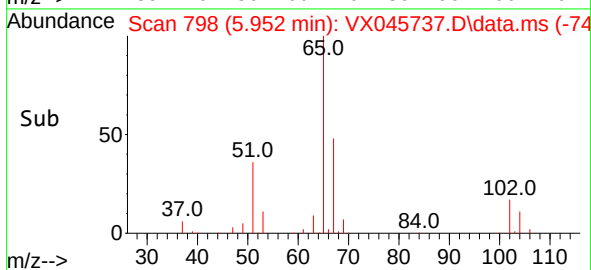
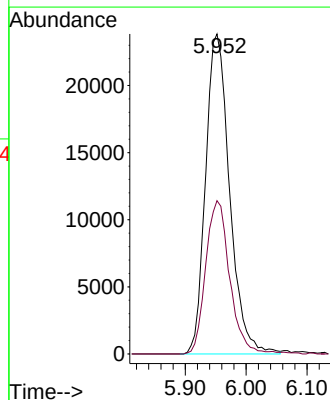
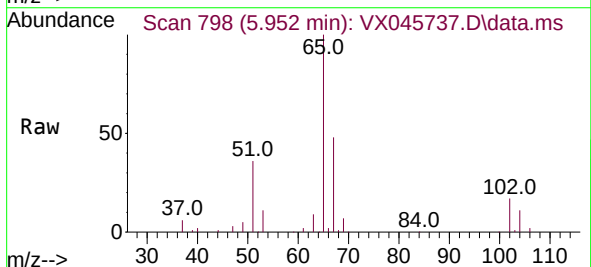
Instrument :
MSVOA_X
ClientSampleId :
BP-TB-20250407

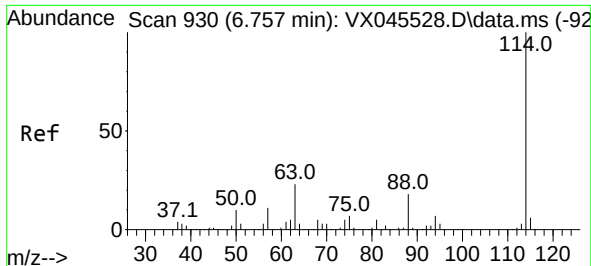
Tgt Ion: 56 Resp: 1860
Ion Ratio Lower Upper
56 100
69 119.7 23.6 35.4#
84 89.1 67.7 101.5



#33
1,2-Dichloroethane-d4
Concen: 54.120 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045737.D
Acq: 11 Apr 2025 13:32

Tgt Ion: 65 Resp: 65370
Ion Ratio Lower Upper
65 100
67 48.1 0.0 99.0

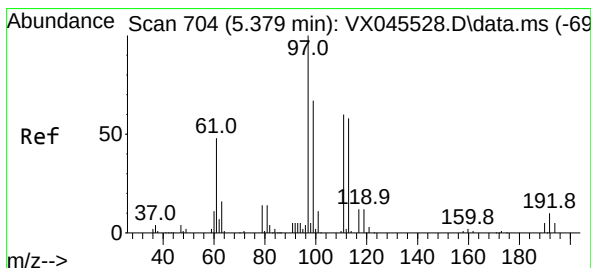
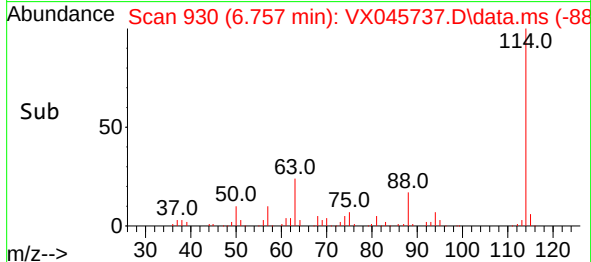
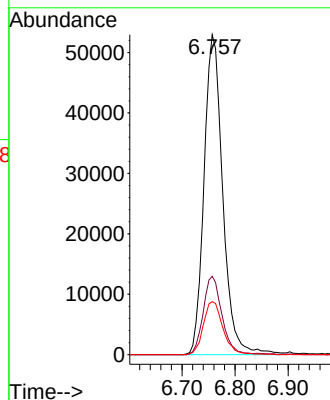
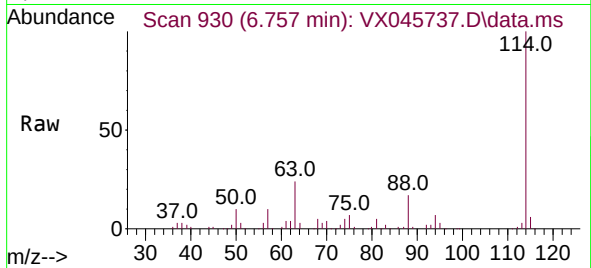




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX045737.D
Acq: 11 Apr 2025 13:32

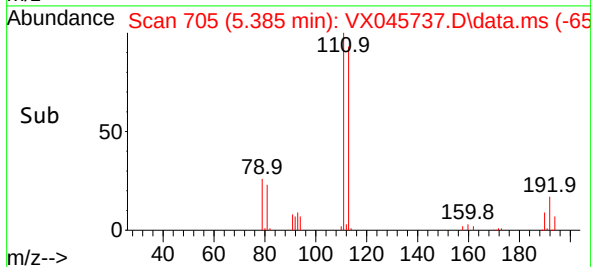
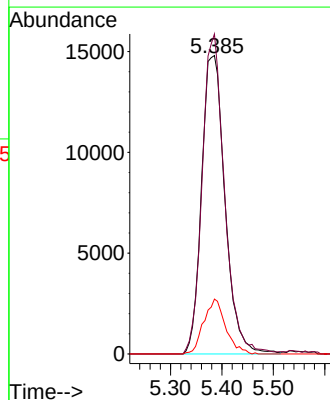
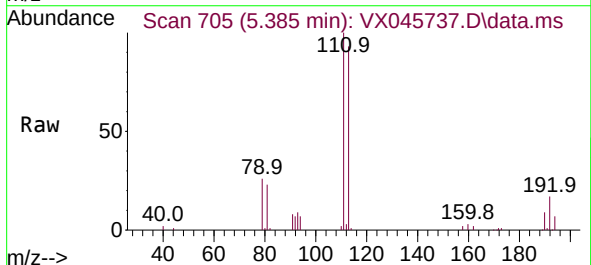
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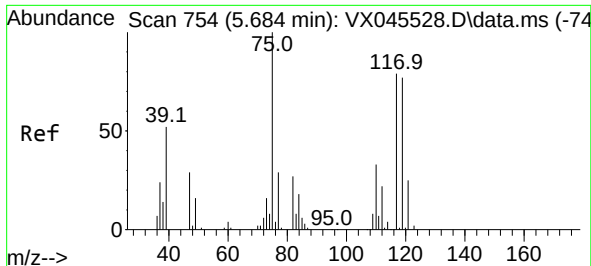
Tgt Ion:114 Resp: 130076
Ion Ratio Lower Upper
114 100
63 24.5 0.0 46.8
88 16.6 0.0 35.4



#35
Dibromofluoromethane
Concen: 50.742 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX045737.D
Acq: 11 Apr 2025 13:32

Tgt Ion:113 Resp: 46829
Ion Ratio Lower Upper
113 100
111 102.1 81.8 122.6
192 17.2 13.8 20.6





#36

1,1-Dichloropropene

Concen: 5.285 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.134 min

Lab File: VX045737.D

Acq: 11 Apr 2025 13:32

Instrument :

MSVOA_X

ClientSampleId :

BP-TB-20250407

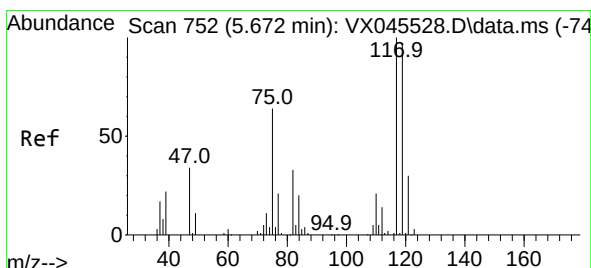
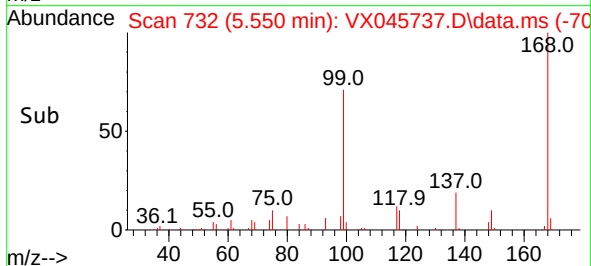
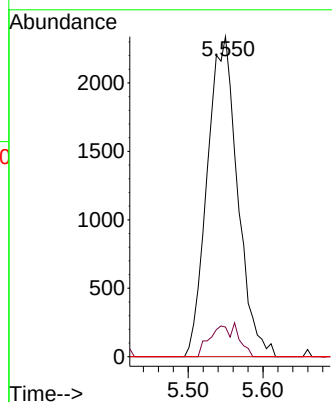
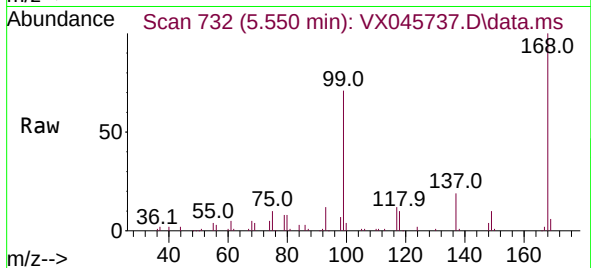
Tgt Ion: 75 Resp: 6585

Ion Ratio Lower Upper

75 100

110 9.3 16.9 50.6#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.941 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.122 min

Lab File: VX045737.D

Acq: 11 Apr 2025 13:32

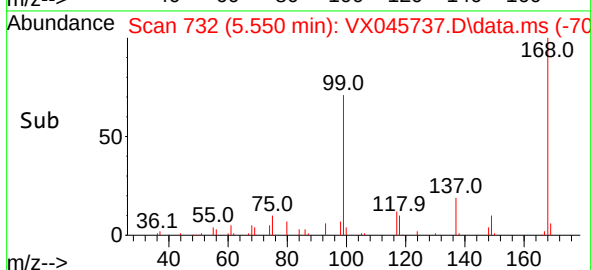
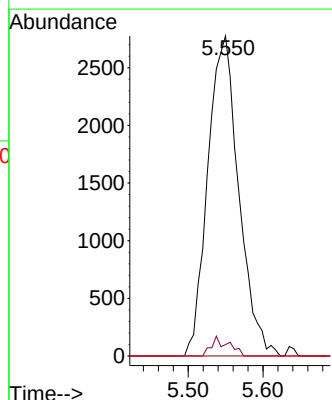
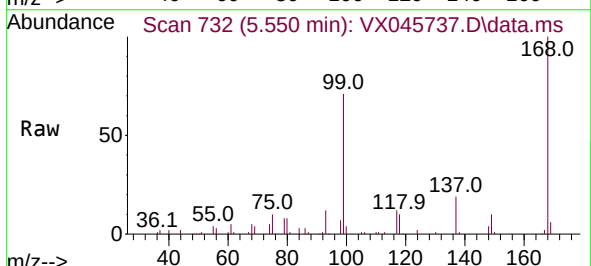
Tgt Ion: 117 Resp: 8001

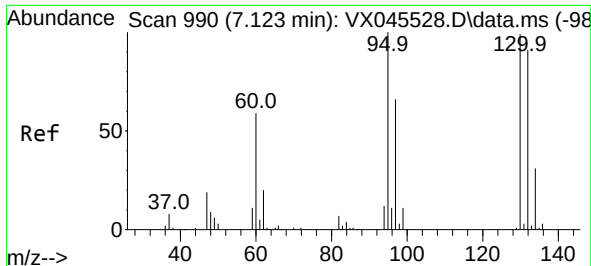
Ion Ratio Lower Upper

117 100

119 3.6 76.9 115.3#

121 0.0 24.2 36.2#

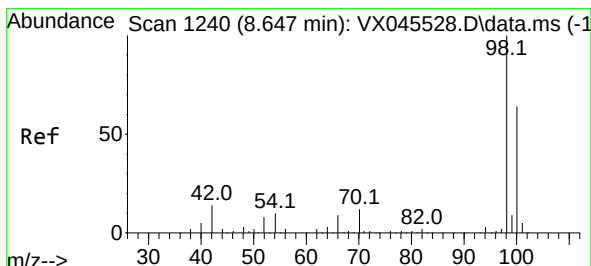
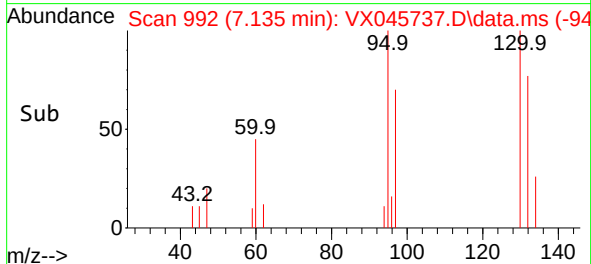
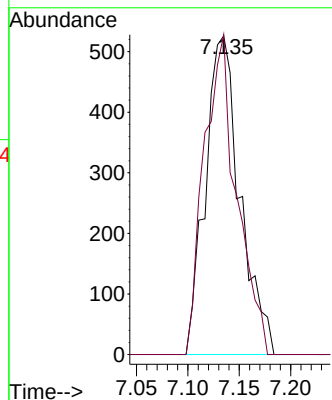
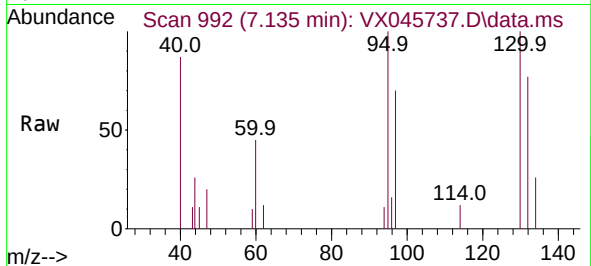




#44
 Trichloroethene
 Concen: 1.361 ug/l
 RT: 7.135 min Scan# 991
 Delta R.T. 0.012 min
 Lab File: VX045737.D
 Acq: 11 Apr 2025 13:32

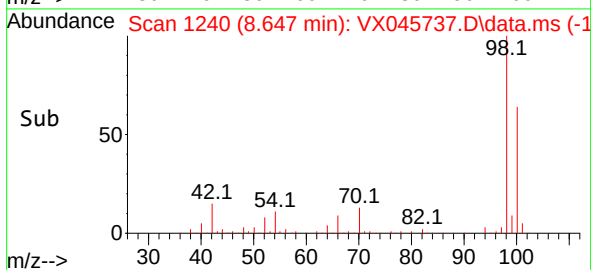
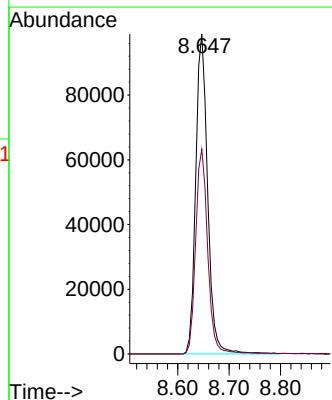
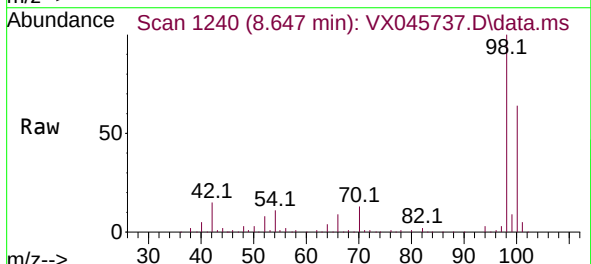
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TB-20250407

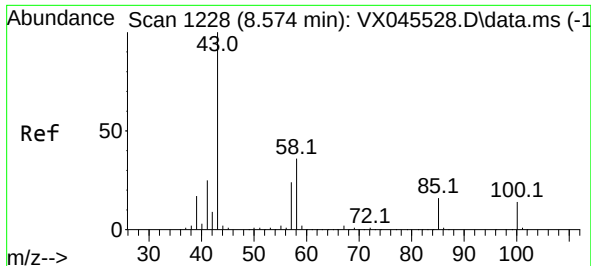
Tgt Ion:130 Resp: 1231
 Ion Ratio Lower Upper
 130 100
 95 100.4 0.0 202.0



#50
 Toluene-d8
 Concen: 49.684 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. 0.000 min
 Lab File: VX045737.D
 Acq: 11 Apr 2025 13:32

Tgt Ion: 98 Resp: 160045
 Ion Ratio Lower Upper
 98 100
 100 64.7 52.2 78.4

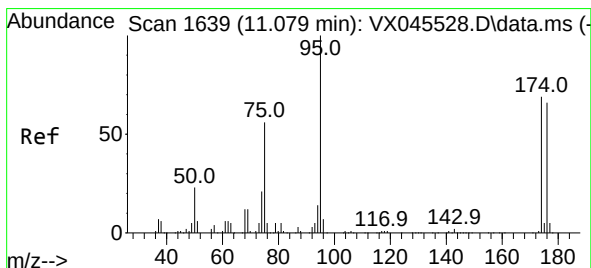
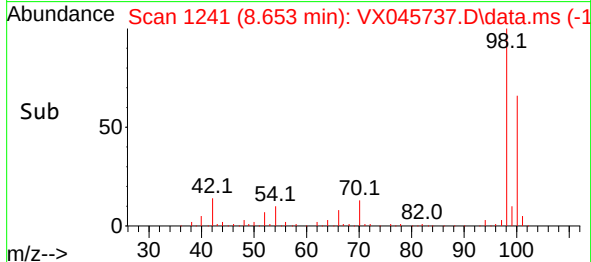
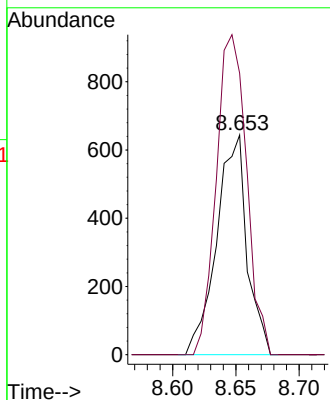
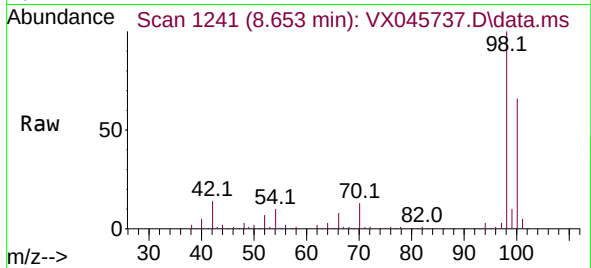




#51
4-Methyl-2-Pentanone
Concen: 0.680 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX045737.D
Acq: 11 Apr 2025 13:32

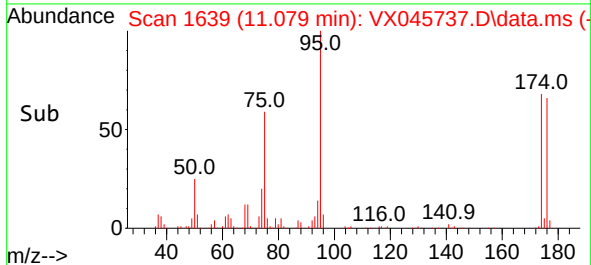
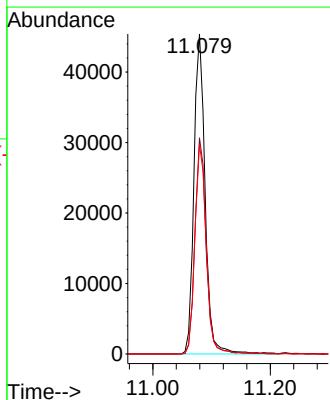
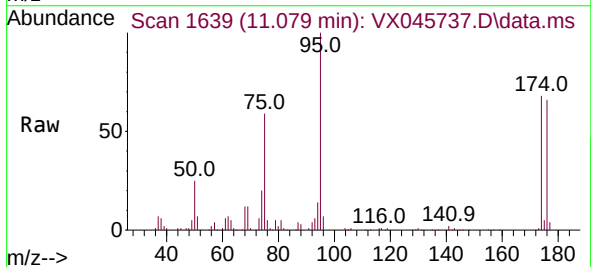
Instrument :
MSVOA_X
ClientSampleId :
BP-TB-20250407

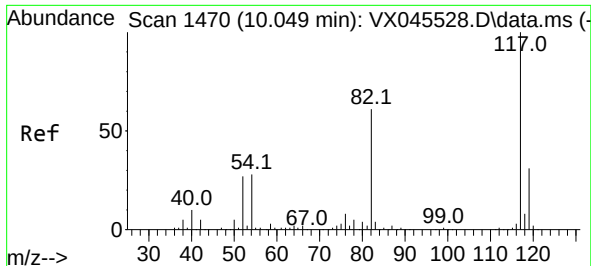
Tgt Ion: 43 Resp: 1073
Ion Ratio Lower Upper
43 100
58 145.6 28.5 42.7#



#62
4-Bromofluorobenzene
Concen: 51.263 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045737.D
Acq: 11 Apr 2025 13:32

Tgt Ion: 95 Resp: 60149
Ion Ratio Lower Upper
95 100
174 67.5 0.0 135.8
176 66.4 0.0 131.4

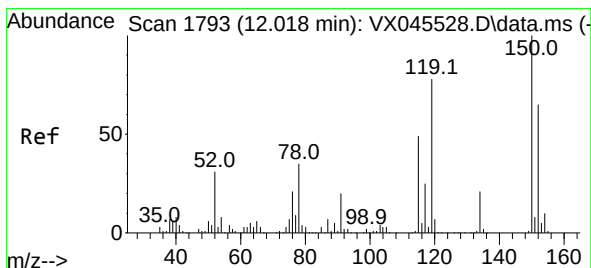
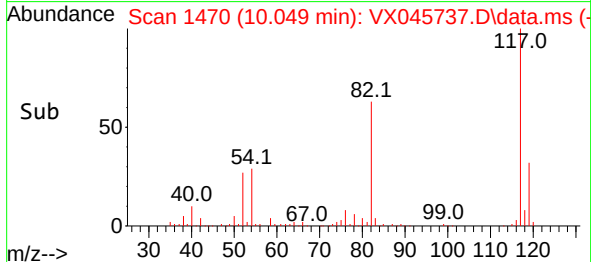
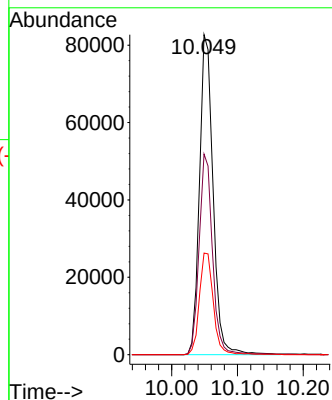
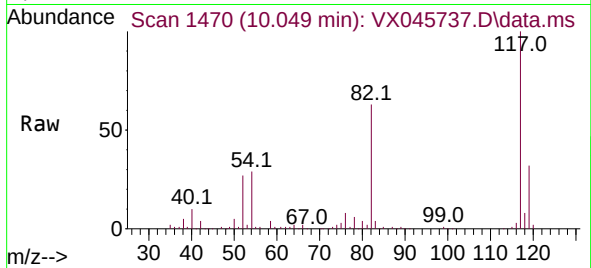




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045737.D
Acq: 11 Apr 2025 13:32

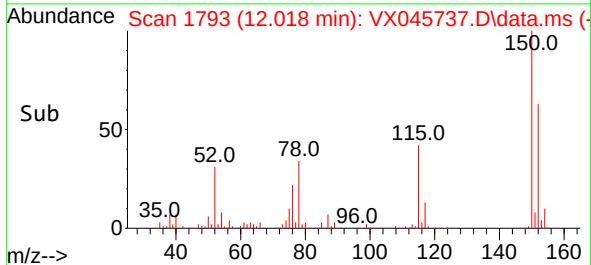
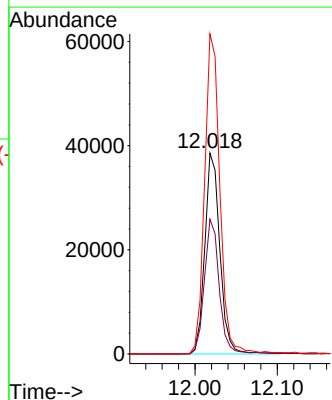
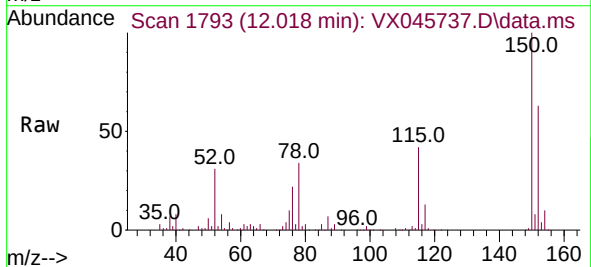
Instrument :
MSVOA_X
ClientSampleId :
BP-TB-20250407

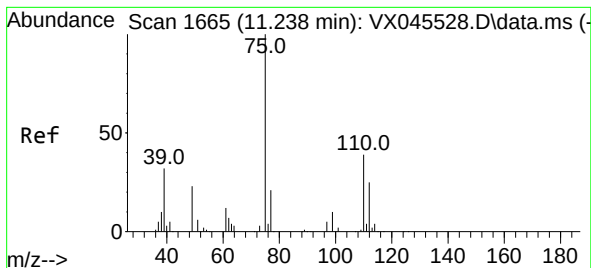
Tgt Ion:117 Resp: 118800
Ion Ratio Lower Upper
117 100
82 62.7 49.2 73.8
119 31.7 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045737.D
Acq: 11 Apr 2025 13:32

Tgt Ion:152 Resp: 49090
Ion Ratio Lower Upper
152 100
115 66.4 46.9 140.7
150 162.1 0.0 349.4





#76

1,2,3-Trichloropropane

Concen: 29.215 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX045737.D

Acq: 11 Apr 2025 13:32

Instrument :

MSVOA_X

ClientSampleId :

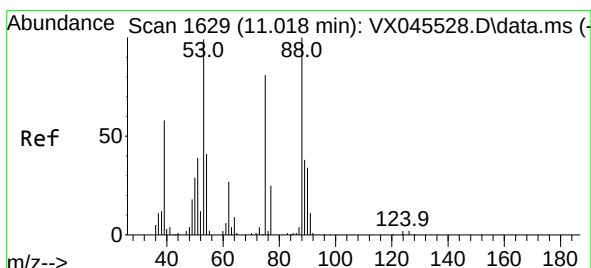
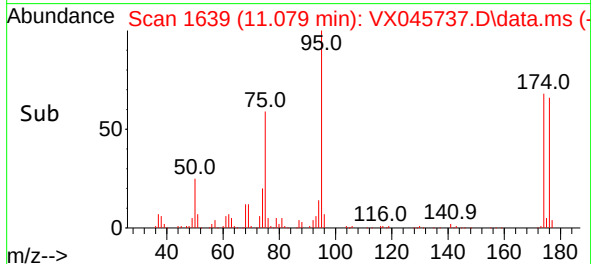
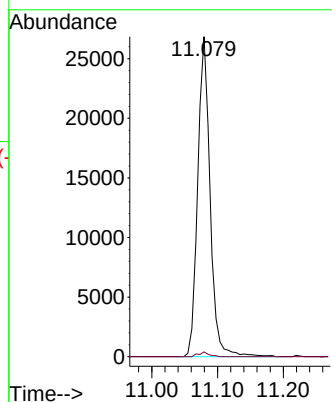
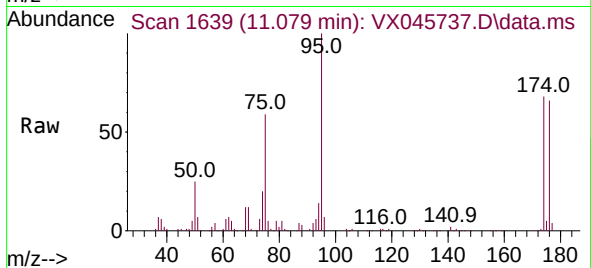
BP-TB-20250407

Tgt Ion: 75 Resp: 34983

Ion Ratio Lower Upper

75 100

77 1.3 20.0 59.9#



#81

trans-1,4-Dichloro-2-butene

Concen: 99.153 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX045737.D

Acq: 11 Apr 2025 13:32

Tgt Ion: 75 Resp: 34983

Ion Ratio Lower Upper

75 100

53 0.0 101.8 152.6#

89 0.0 37.2 55.8#

