

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021125\
 Data File : VX044901.D
 Acq On : 11 Feb 2025 13:20
 Operator : JC/MD
 Sample : Q1283-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-192-TB-20250130

Quant Time: Feb 12 02:41:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

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

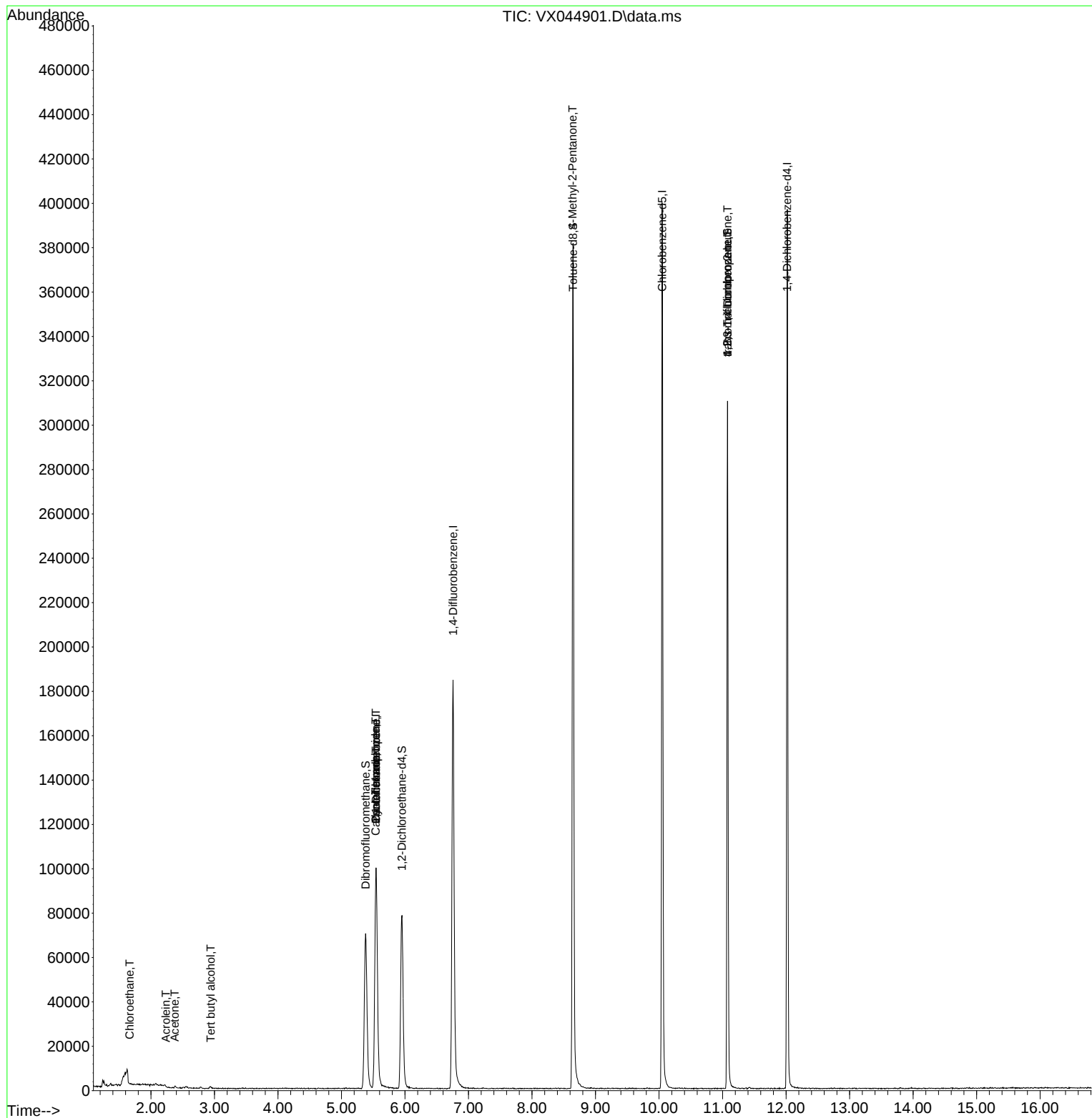
Internal Standards						
1) Pentafluorobenzene	5.544	168	94281	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	193913	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	175364	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	76629	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	73809	53.481	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.960%	
35) Dibromofluoromethane	5.379	113	62271	49.392	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.780%	
50) Toluene-d8	8.647	98	239618	50.261	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.520%	
62) 4-Bromofluorobenzene	11.079	95	83811	52.147	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 104.300%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.666	64	53	1.412	ug/l #	42
11) Tert butyl alcohol	2.941	59	149	0.582	ug/l #	73
13) Acrolein	2.233	56	68	0.257	ug/l	90
16) Acetone	2.374	43	895	1.613	ug/l #	80
31) Cyclohexane	5.544	56	2217	1.034	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	8268	4.546	ug/l #	50
38) Carbon Tetrachloride	5.538	117	9960	5.588	ug/l #	14
51) 4-Methyl-2-Pentanone	8.641	43	1245	0.627	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	43436	25.566	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	43436	65.765	ug/l #	11

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

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BP-VPB-192-TB-20250130

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
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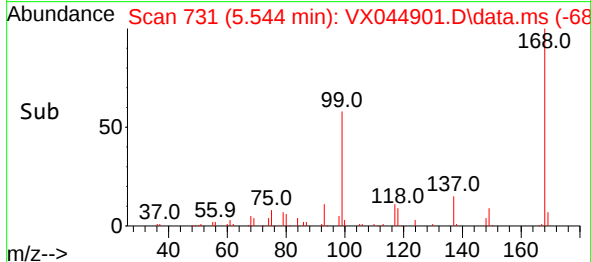
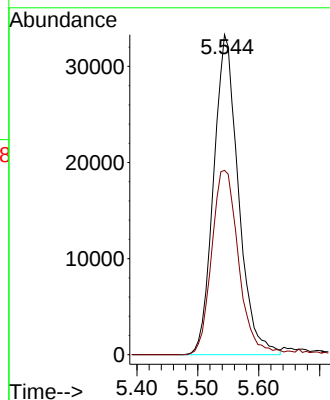
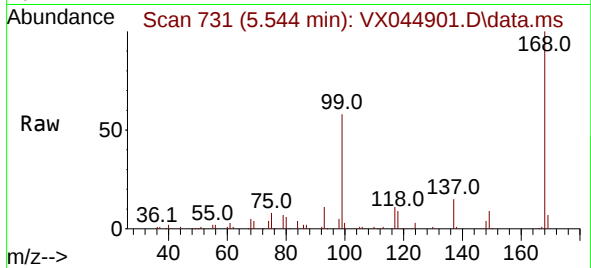




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX044901.D
Acq: 11 Feb 2025 13:20

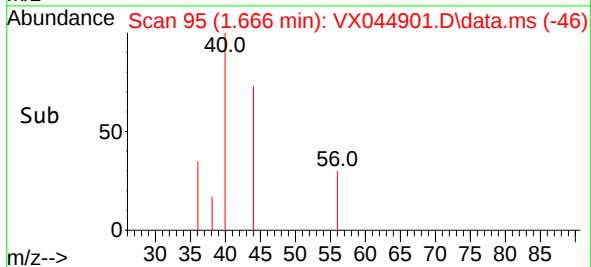
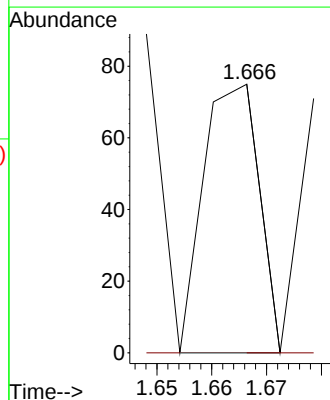
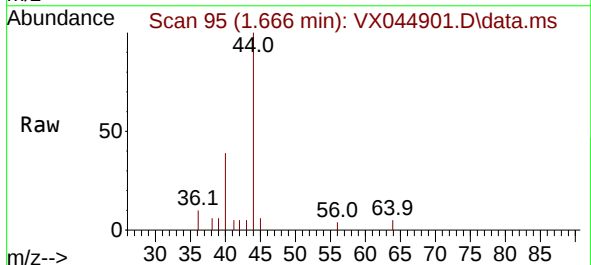
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-TB-20250130

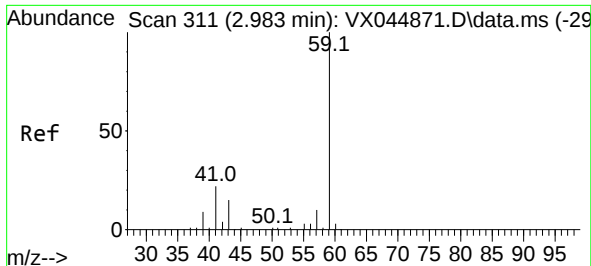
Tgt Ion:168 Resp: 94281
Ion Ratio Lower Upper
168 100
99 57.6 51.2 76.8



#6
Chloroethane
Concen: 1.412 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX044901.D
Acq: 11 Feb 2025 13:20

Tgt Ion: 64 Resp: 53
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#





#11

Tert butyl alcohol

Concen: 0.582 ug/l

RT: 2.941 min Scan# 30

Delta R.T. -0.042 min

Lab File: VX044901.D

Acq: 11 Feb 2025 13:20

Instrument :

MSVOA_X

ClientSampleId :

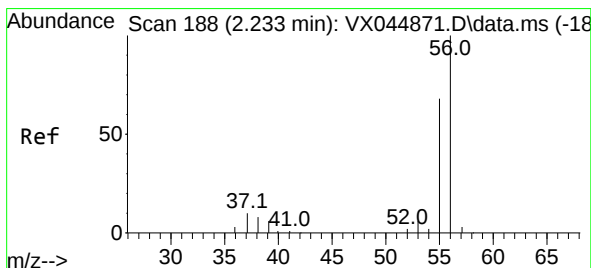
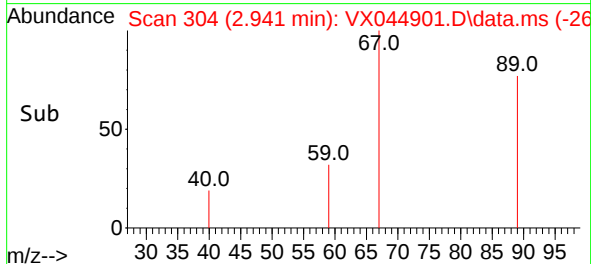
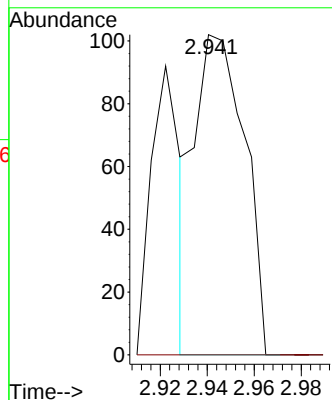
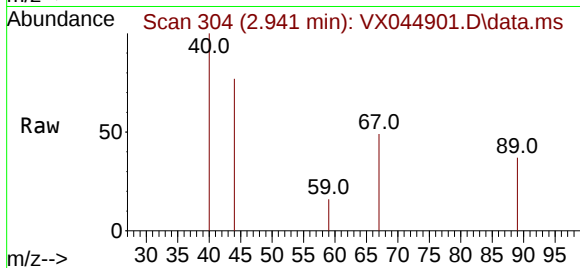
BP-VPB-192-TB-20250130

Tgt Ion: 59 Resp: 149

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



#13

Acrolein

Concen: 0.257 ug/l

RT: 2.233 min Scan# 188

Delta R.T. 0.000 min

Lab File: VX044901.D

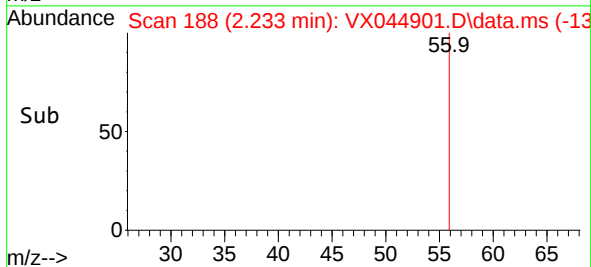
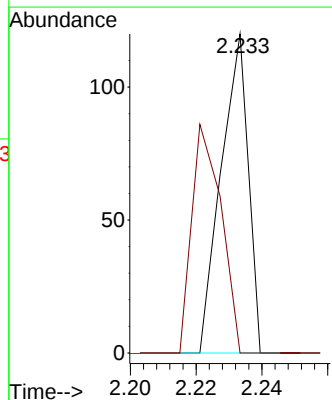
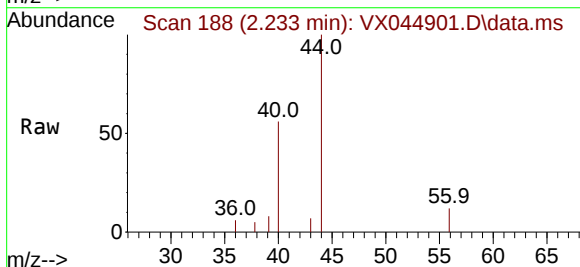
Acq: 11 Feb 2025 13:20

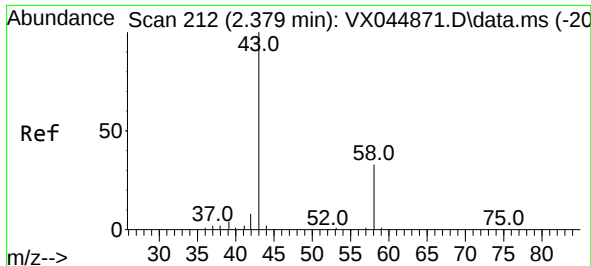
Tgt Ion: 56 Resp: 68

Ion Ratio Lower Upper

56 100

55 77.9 55.7 83.5





#16

Acetone

Concen: 1.613 ug/l

RT: 2.374 min Scan# 212

Delta R.T. -0.006 min

Lab File: VX044901.D

Acq: 11 Feb 2025 13:20

Instrument :

MSVOA_X

ClientSampleId :

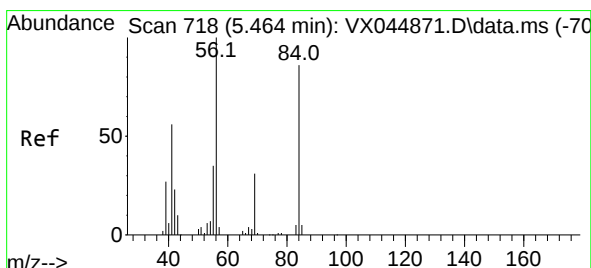
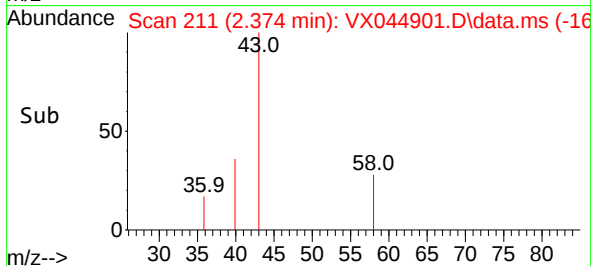
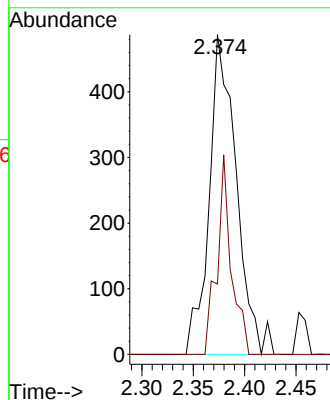
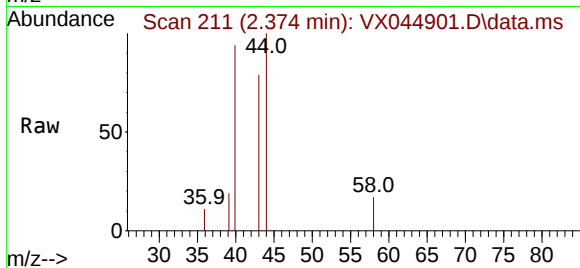
BP-VPB-192-TB-20250130

Tgt Ion: 43 Resp: 895

Ion Ratio Lower Upper

43 100

58 22.0 26.5 39.7#



#31

Cyclohexane

Concen: 1.034 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.080 min

Lab File: VX044901.D

Acq: 11 Feb 2025 13:20

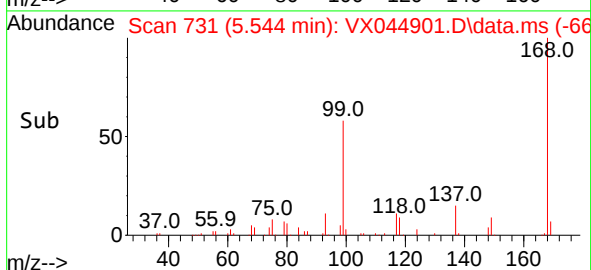
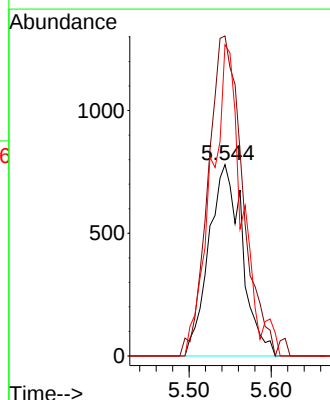
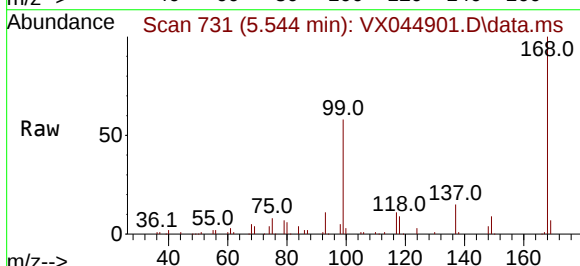
Tgt Ion: 56 Resp: 2217

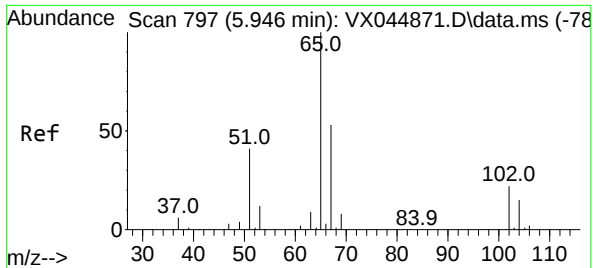
Ion Ratio Lower Upper

56 100

69 167.2 24.4 36.6#

84 162.6 69.0 103.6#

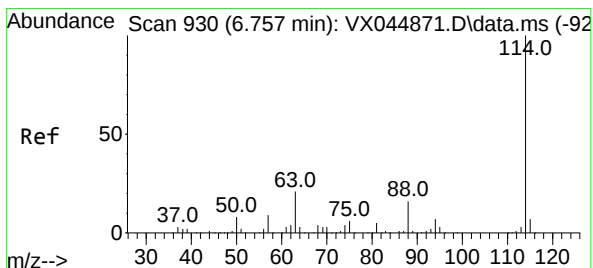
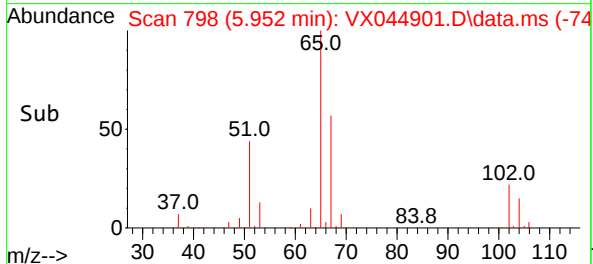
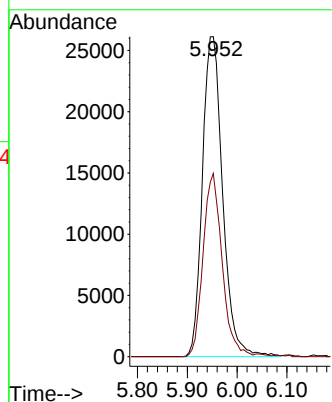
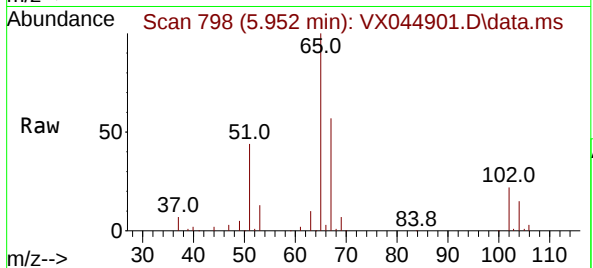




#33
 1,2-Dichloroethane-d4
 Concen: 53.481 ug/l
 RT: 5.952 min Scan# 79
 Delta R.T. 0.006 min
 Lab File: VX044901.D
 Acq: 11 Feb 2025 13:20

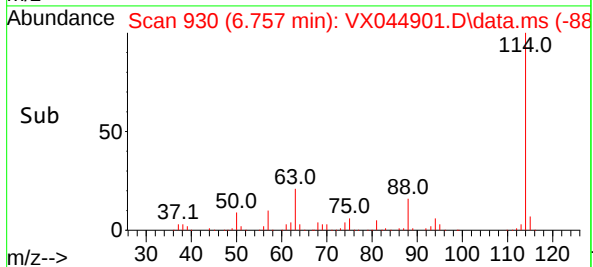
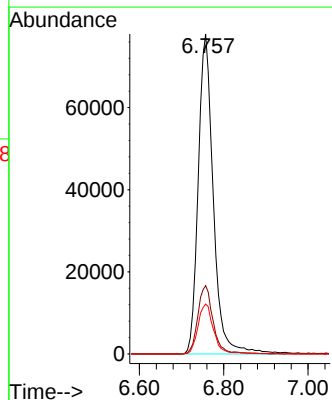
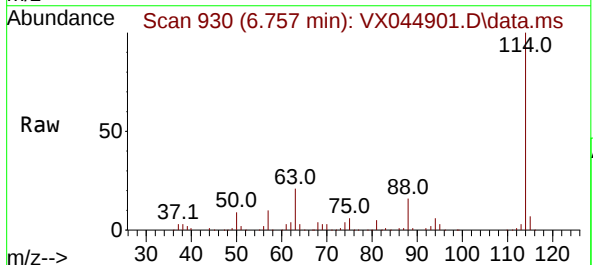
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-192-TB-20250130

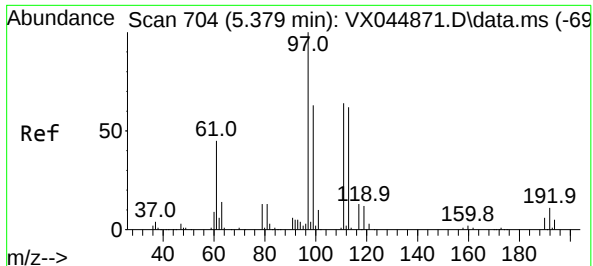
Tgt Ion: 65 Resp: 73809
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX044901.D
 Acq: 11 Feb 2025 13:20

Tgt Ion: 114 Resp: 193913
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 42.4
 88 15.6 0.0 31.4





#35

Dibromofluoromethane

Concen: 49.392 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX044901.D

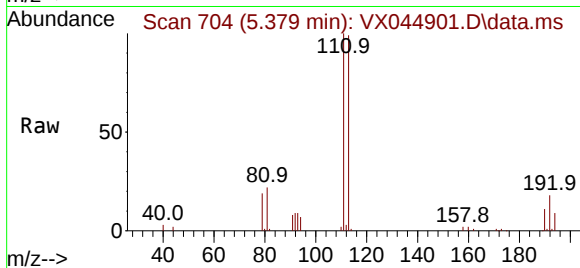
Acq: 11 Feb 2025 13:20

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-192-TB-20250130



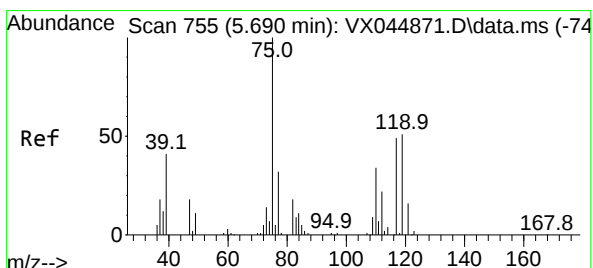
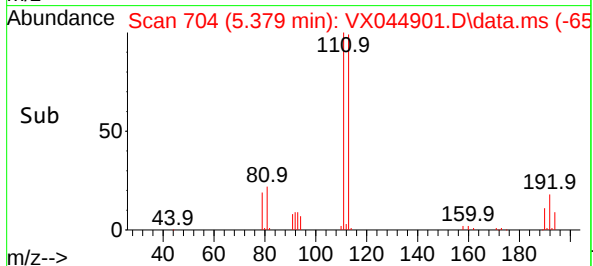
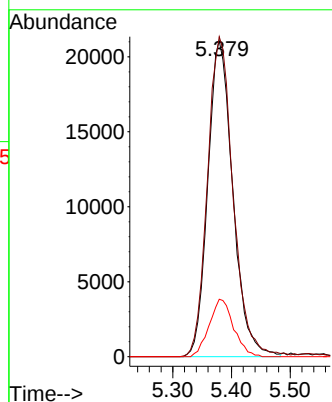
Tgt Ion:113 Resp: 62271

Ion Ratio Lower Upper

113 100

111 104.1 83.5 125.3

192 17.7 14.4 21.6



#36

1,1-Dichloropropene

Concen: 4.546 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.146 min

Lab File: VX044901.D

Acq: 11 Feb 2025 13:20

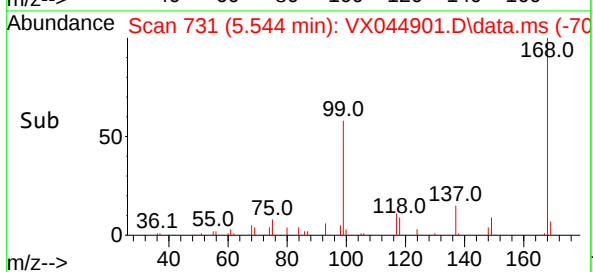
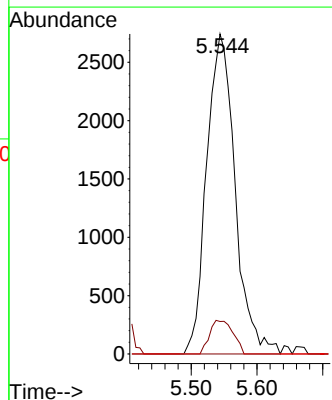
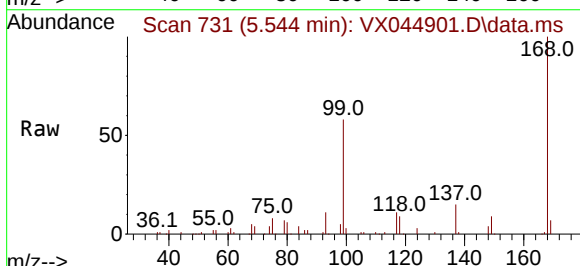
Tgt Ion: 75 Resp: 8268

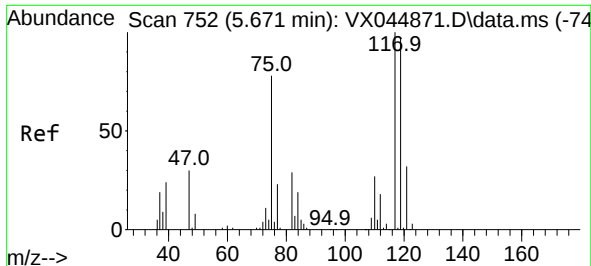
Ion Ratio Lower Upper

75 100

110 8.6 17.2 51.6#

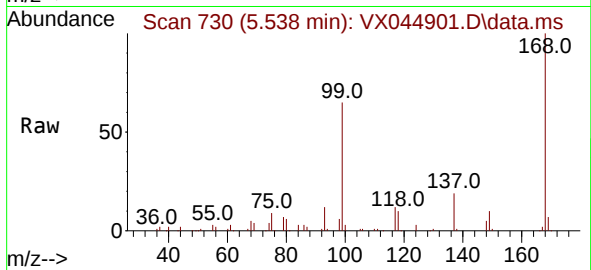
77 0.0 24.6 37.0#



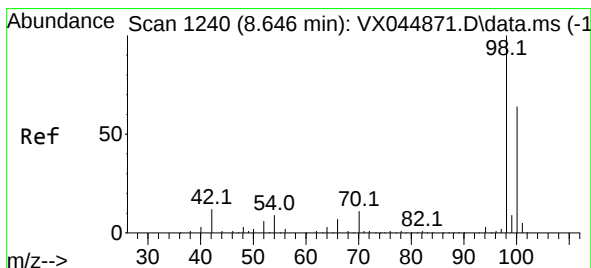
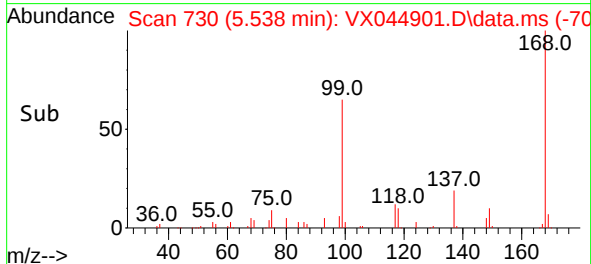
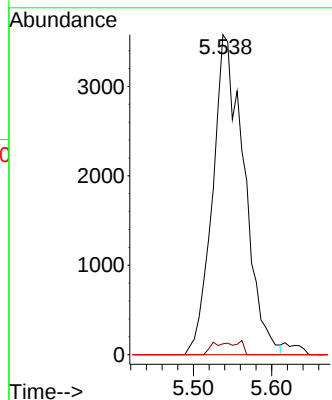


#38
Carbon Tetrachloride
Concen: 5.588 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX044901.D
Acq: 11 Feb 2025 13:20

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-TB-20250130

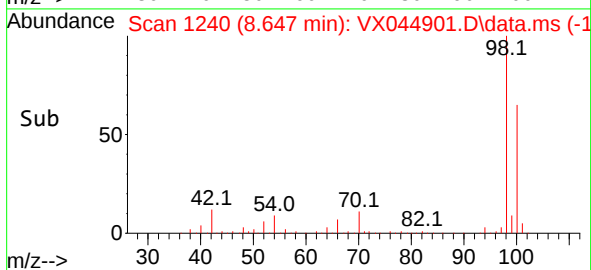
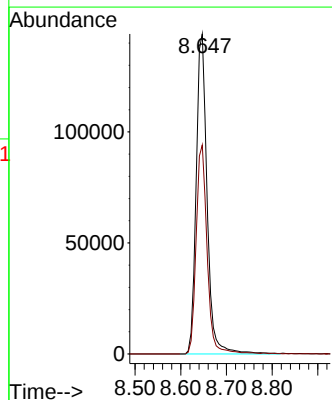
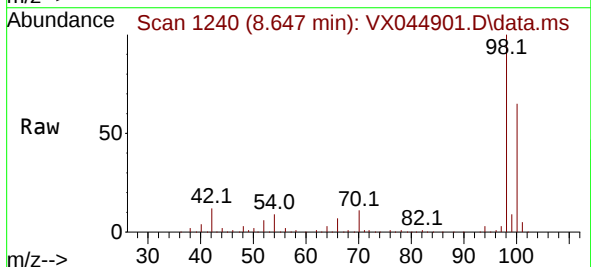


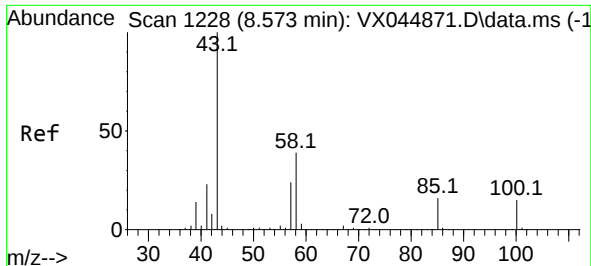
Tgt Ion:117 Resp: 9960
Ion Ratio Lower Upper
117 100
119 3.4 77.5 116.3#
121 0.0 25.6 38.4#



#50
Toluene-d8
Concen: 50.261 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX044901.D
Acq: 11 Feb 2025 13:20

Tgt Ion: 98 Resp: 239618
Ion Ratio Lower Upper
98 100
100 65.3 52.7 79.1

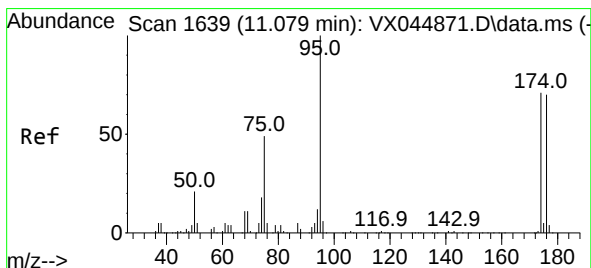
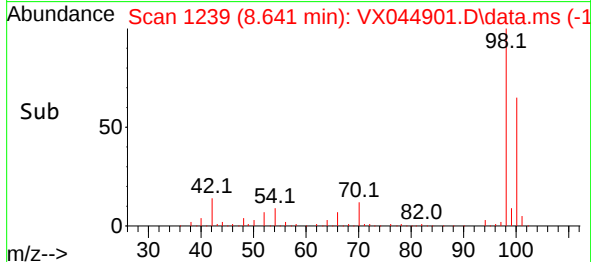
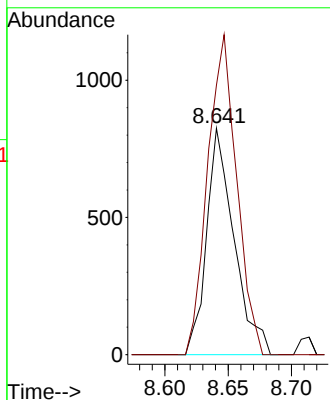
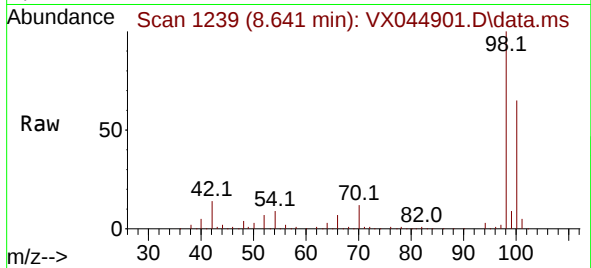




#51
4-Methyl-2-Pentanone
Concen: 0.627 ug/l
RT: 8.641 min Scan# 1133
Delta R.T. 0.067 min
Lab File: VX044901.D
Acq: 11 Feb 2025 13:20

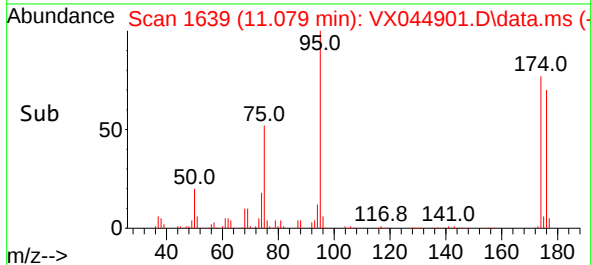
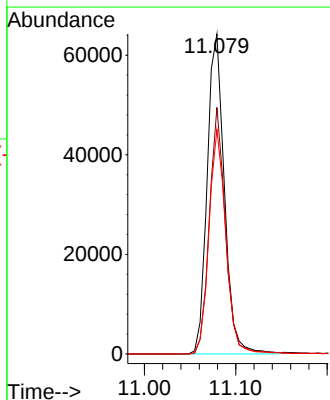
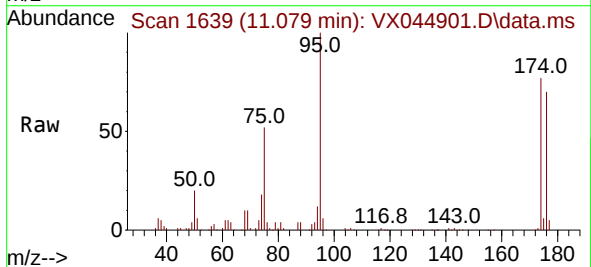
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-TB-20250130

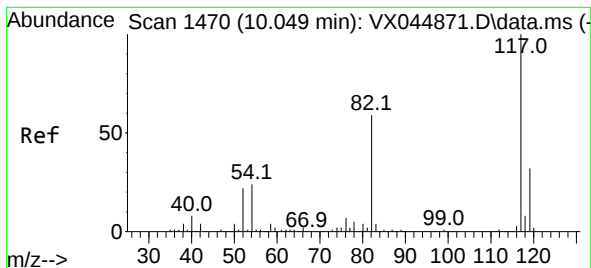
Tgt Ion: 43 Resp: 1245
Ion Ratio Lower Upper
43 100
58 149.5 30.8 46.2#



#62
4-Bromofluorobenzene
Concen: 52.147 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044901.D
Acq: 11 Feb 2025 13:20

Tgt Ion: 95 Resp: 83811
Ion Ratio Lower Upper
95 100
174 72.7 0.0 142.6
176 68.8 0.0 141.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VX044901.D

Acq: 11 Feb 2025 13:20

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-192-TB-20250130

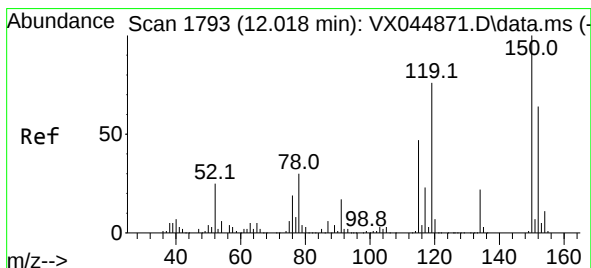
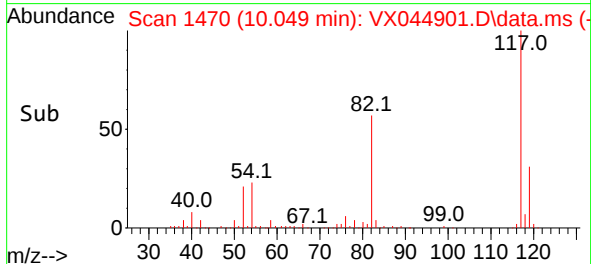
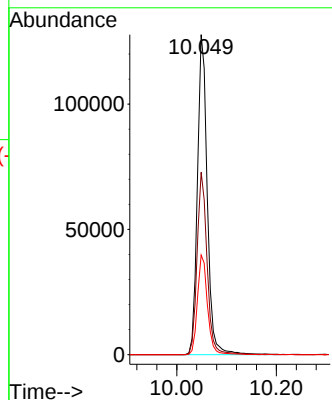
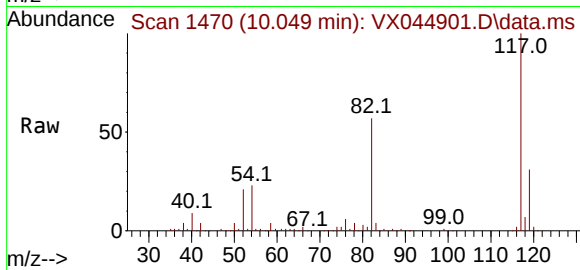
Tgt Ion:117 Resp: 175364

Ion Ratio Lower Upper

117 100

82 57.0 47.5 71.3

119 31.1 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX044901.D

Acq: 11 Feb 2025 13:20

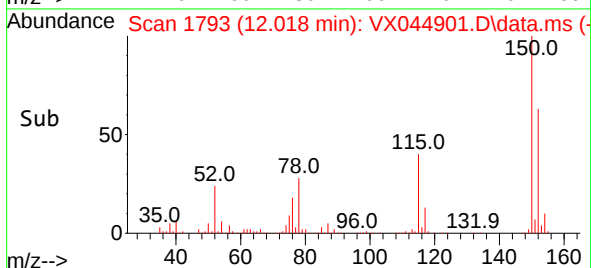
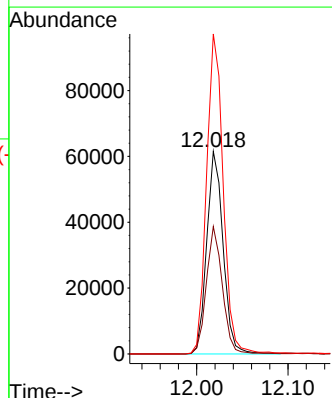
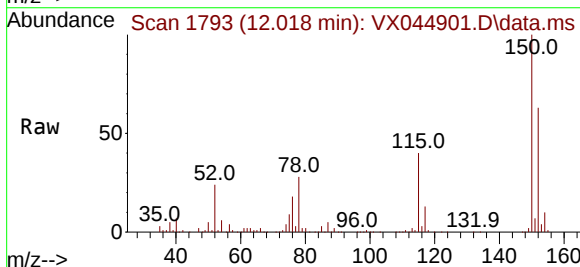
Tgt Ion:152 Resp: 76629

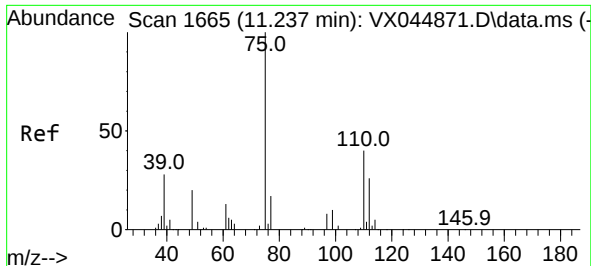
Ion Ratio Lower Upper

152 100

115 61.7 43.4 130.1

150 159.8 0.0 350.4

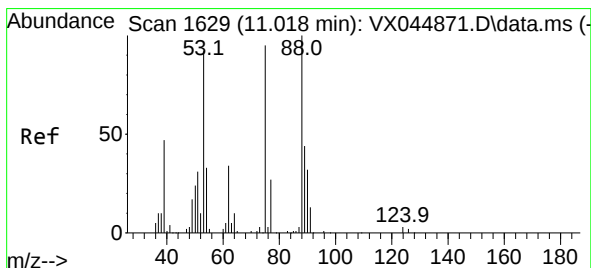
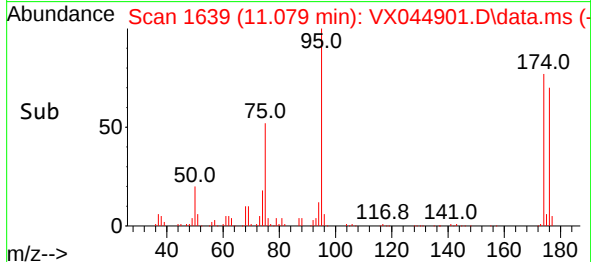
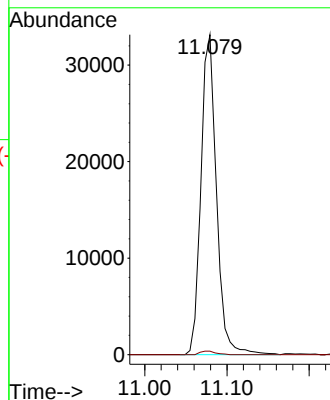
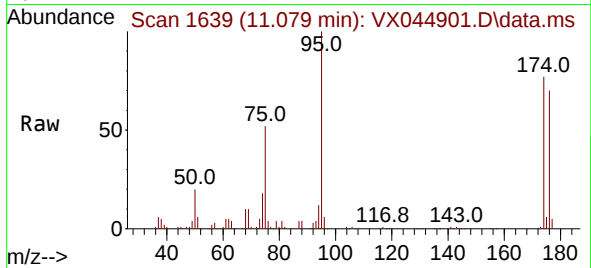




#76
1,2,3-Trichloropropane
Concen: 25.566 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX044901.D
Acq: 11 Feb 2025 13:20

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-TB-20250130

Tgt Ion: 75 Resp: 43436
Ion Ratio Lower Upper
75 100
77 1.1 21.9 65.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.765 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044901.D
Acq: 11 Feb 2025 13:20

Tgt Ion: 75 Resp: 43436
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 36.6 54.8#

