

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062824\
 Data File : VX042086.D
 Acq On : 28 Jun 2024 15:28
 Operator : JC/MD
 Sample : P3127-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-196-TB-20240624

Quant Time: Jun 29 04:20:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

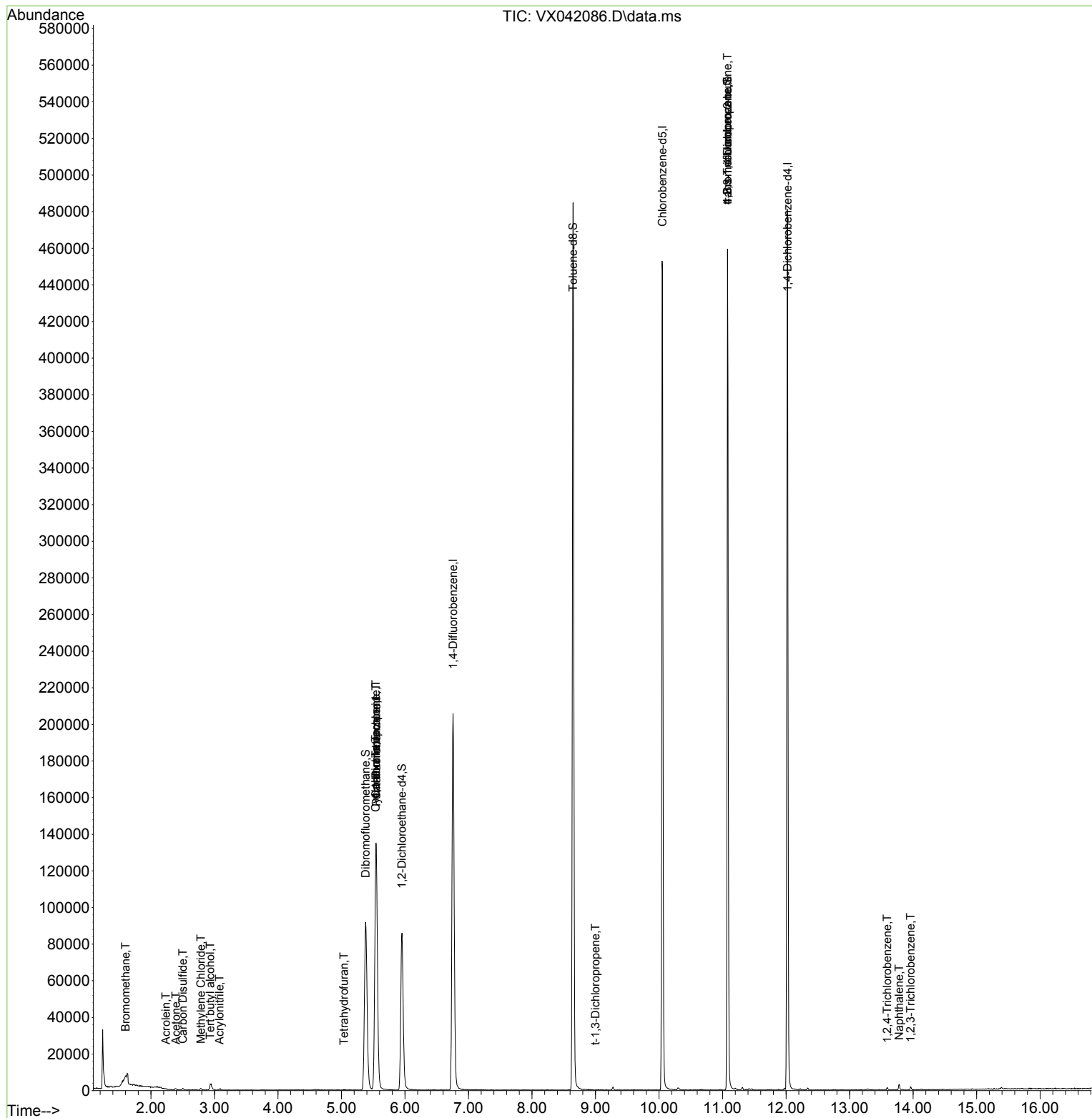
Internal Standards						
1) Pentafluorobenzene	5.550	168	154669	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	235791	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	235880	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	121024	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	81352	45.613	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.220%
35) Dibromofluoromethane	5.379	113	81453	48.685	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.380%
50) Toluene-d8	8.647	98	306522	52.151	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	104.300%
62) 4-Bromofluorobenzene	11.079	95	116211	53.637	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.280%
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	460	0.629	ug/l	93
6) Chloroethane	1.666	64	493	Below Cal	#	43
11) Tert butyl alcohol	2.934	59	2620	7.740	ug/l	# 78
13) Acrolein	2.233	56	161	0.424	ug/l	94
15) Acrylonitrile	3.081	53	214	0.242	ug/l	# 65
16) Acetone	2.392	43	734	0.937	ug/l	# 74
17) Carbon Disulfide	2.502	76	1249	0.459	ug/l	96
20) Methylene Chloride	2.788	84	515	0.300	ug/l	# 63
29) Tetrahydrofuran	5.038	42	371	0.471	ug/l	# 38
31) Cyclohexane	5.538	56	1913	0.917	ug/l	# 1
36) 1,1-Dichloropropene	5.544	75	8581	4.830	ug/l	# 52
38) Carbon Tetrachloride	5.544	117	12737	6.489	ug/l	# 15
53) t-1,3-Dichloropropene	9.000	75	45	0.913	ug/l	# 43
76) 1,2,3-Trichloropropane	11.079	75	52552	23.919	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	52552	67.928	ug/l	# 5
93) 1,2,4-Trichlorobenzene	13.591	180	571	0.221	ug/l	84
95) Naphthalene	13.780	128	2810	1.067	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	627	0.230	ug/l	90

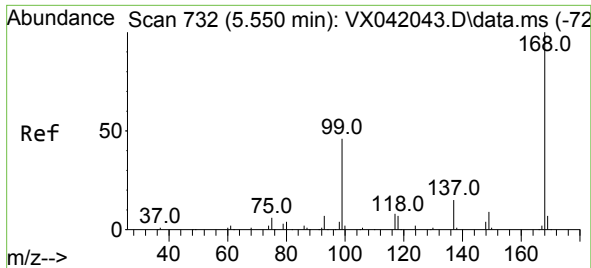
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 29 04:20:51 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

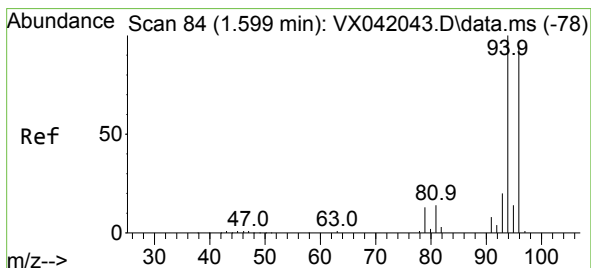
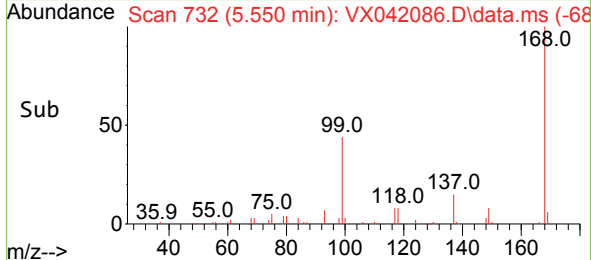
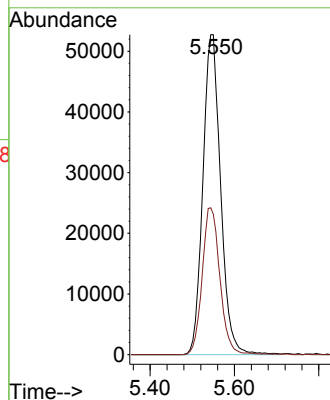
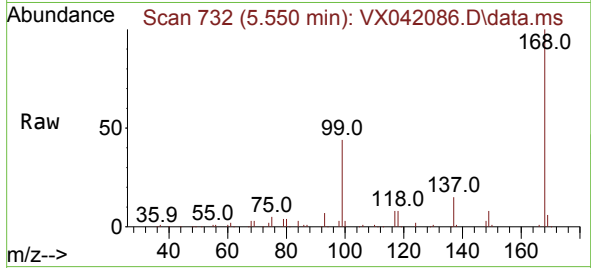




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042086.D
Acq: 28 Jun 2024 15:28

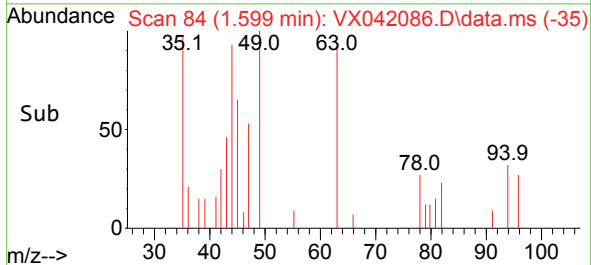
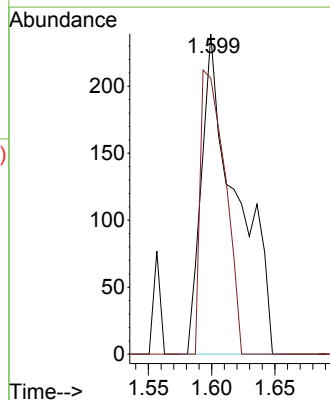
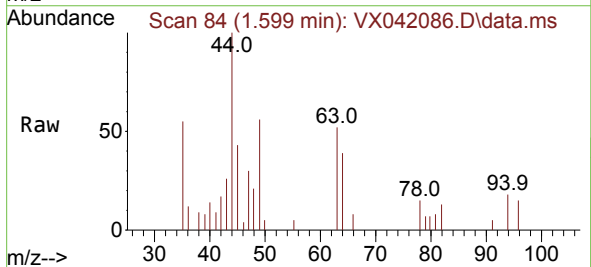
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-TB-20240624

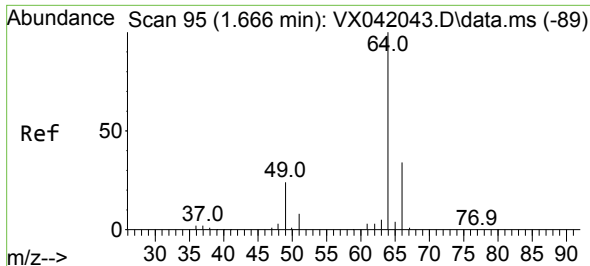
Tgt Ion:168 Resp: 154669
Ion Ratio Lower Upper
168 100
99 43.9 56.6 85.0#



#5
Bromomethane
Concen: 0.629 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX042086.D
Acq: 28 Jun 2024 15:28

Tgt Ion: 94 Resp: 460
Ion Ratio Lower Upper
94 100
96 86.2 74.6 111.8

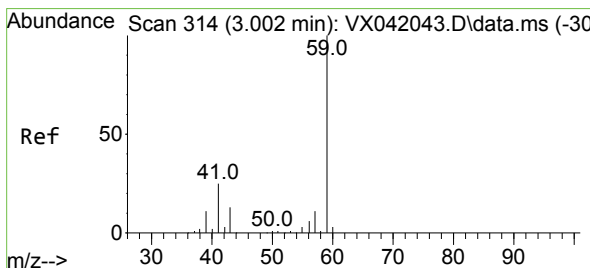
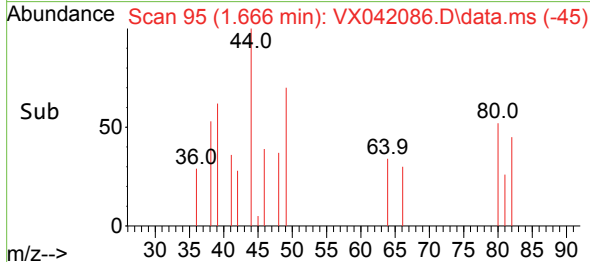
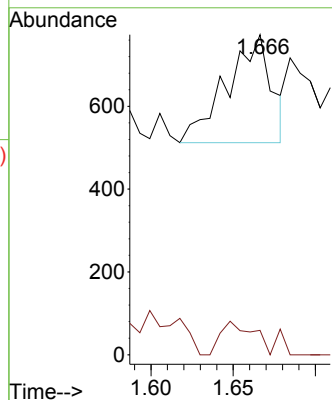
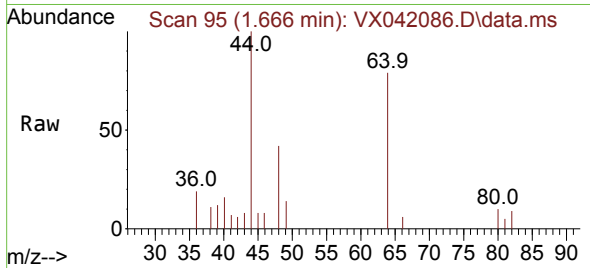




#6
Chloroethane
Concen: Below Cal
RT: 1.666 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX042086.D
Acq: 28 Jun 2024 15:28

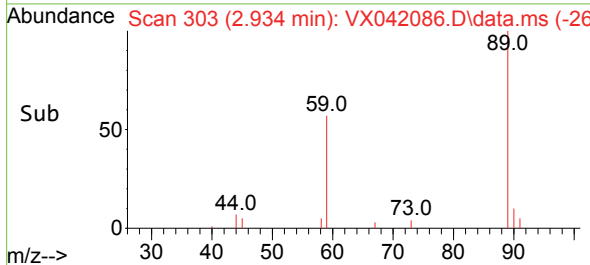
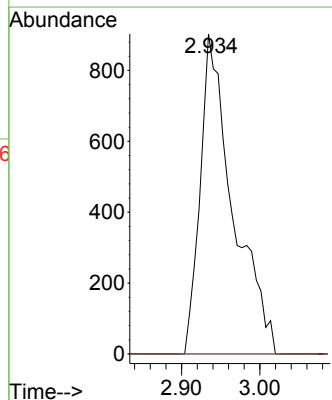
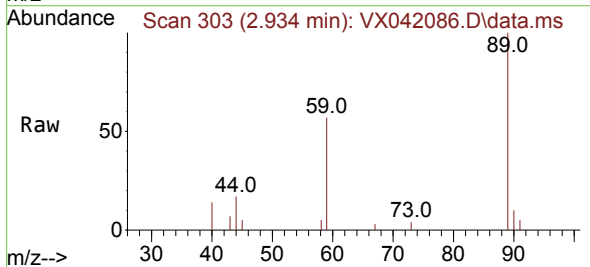
Instrument : MSVOA_X
ClientSampleId : BP-VPB-196-TB-20240624

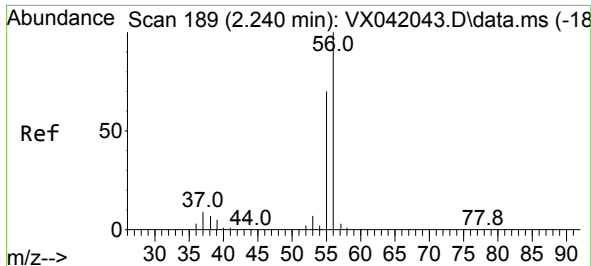
Tgt Ion: 64 Resp: 493
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: 7.740 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.073 min
Lab File: VX042086.D
Acq: 28 Jun 2024 15:28

Tgt Ion: 59 Resp: 2620
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

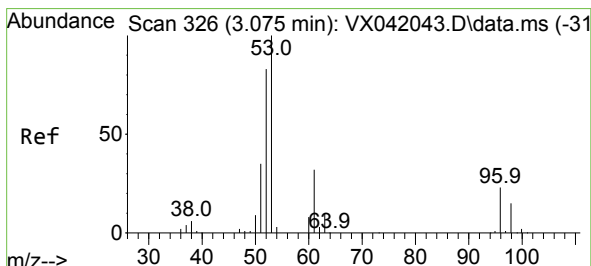
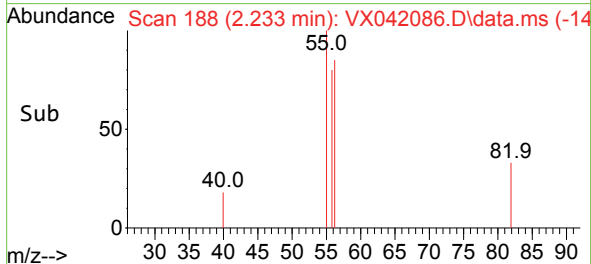
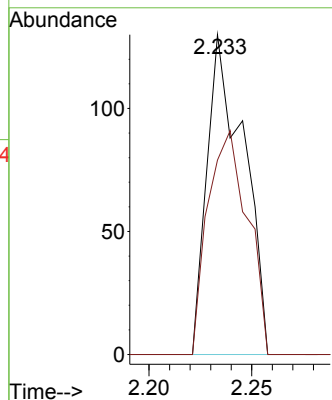
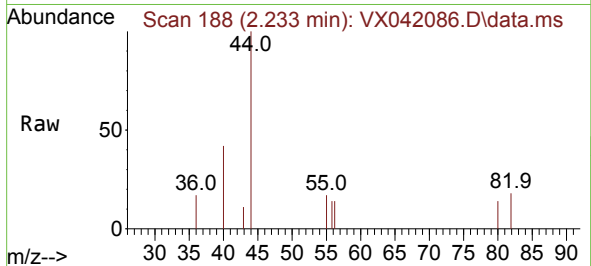




#13
Acrolein
Concen: 0.424 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX042086.D
Acq: 28 Jun 2024 15:28

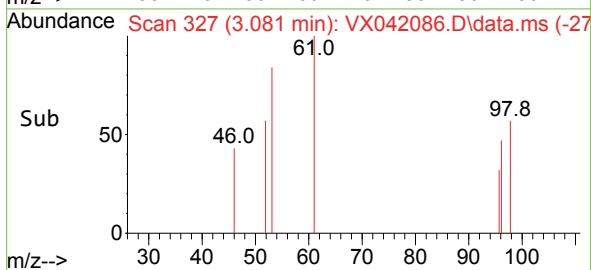
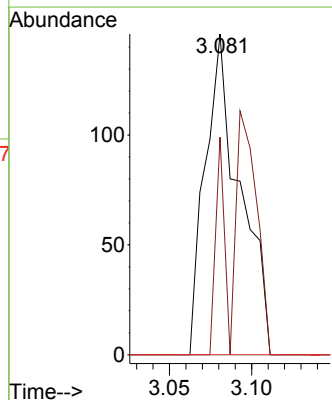
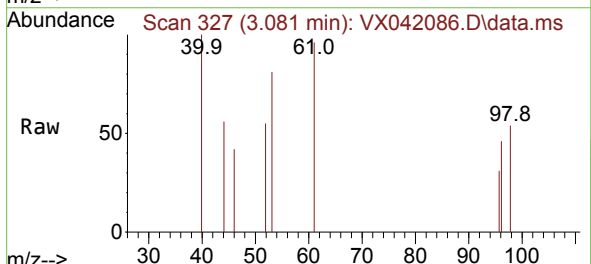
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-TB-20240624

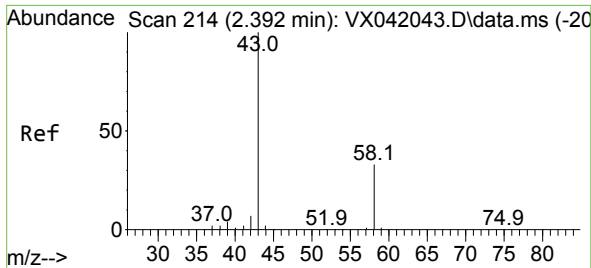
Tgt Ion: 56 Resp: 161
Ion Ratio Lower Upper
56 100
55 76.4 57.1 85.7



#15
Acrylonitrile
Concen: 0.242 ug/l
RT: 3.081 min Scan# 327
Delta R.T. 0.006 min
Lab File: VX042086.D
Acq: 28 Jun 2024 15:28

Tgt Ion: 53 Resp: 214
Ion Ratio Lower Upper
53 100
52 61.7 66.0 99.0#
51 0.0 29.8 44.6#

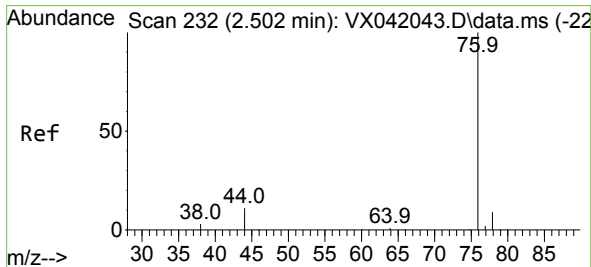
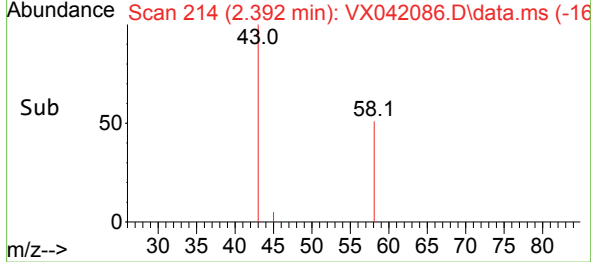
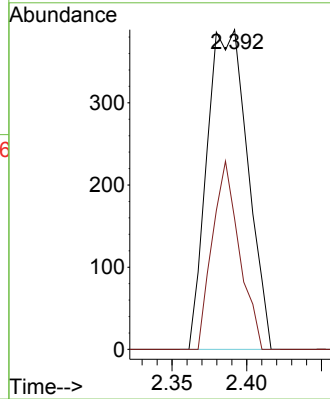
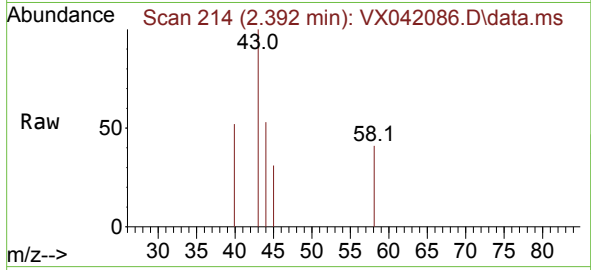




#16
Acetone
Concen: 0.937 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX042086.D
Acq: 28 Jun 2024 15:28

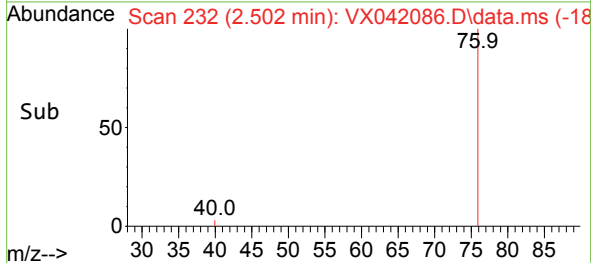
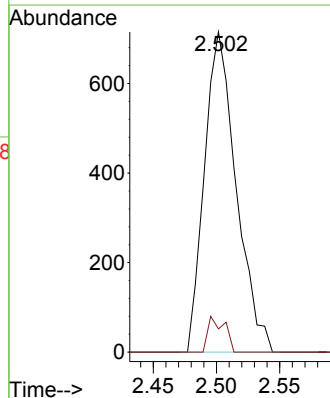
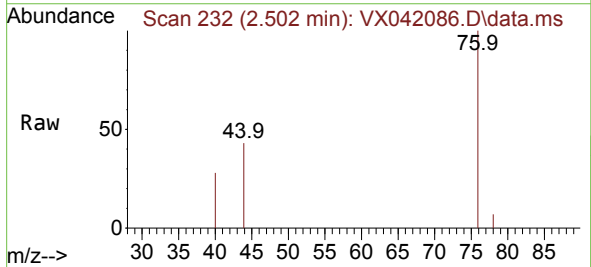
Instrument : MSVOA_X
ClientSampleId : BP-VPB-196-TB-20240624

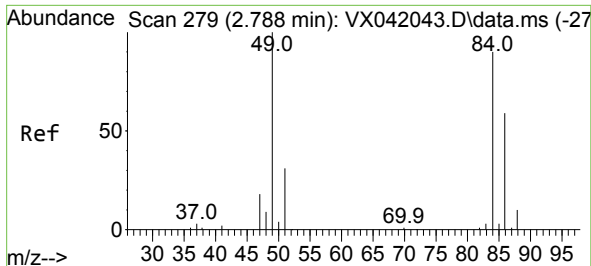
Tgt Ion: 43 Resp: 734
Ion Ratio Lower Upper
43 100
58 40.9 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.459 ug/l
RT: 2.502 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX042086.D
Acq: 28 Jun 2024 15:28

Tgt Ion: 76 Resp: 1249
Ion Ratio Lower Upper
76 100
78 7.3 7.0 10.6





#20

Methylene Chloride

Concen: 0.300 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX042086.D

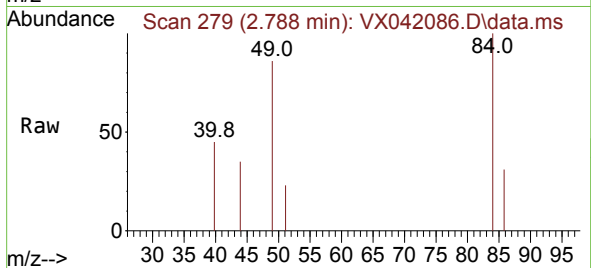
Acq: 28 Jun 2024 15:28

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-196-TB-20240624



Tgt Ion: 84 Resp: 515

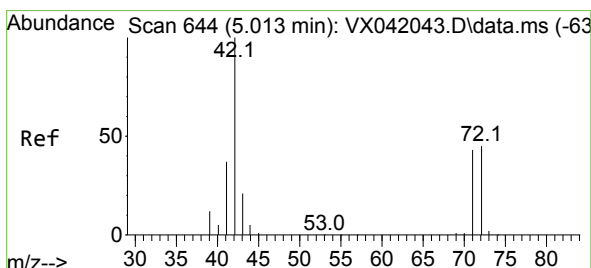
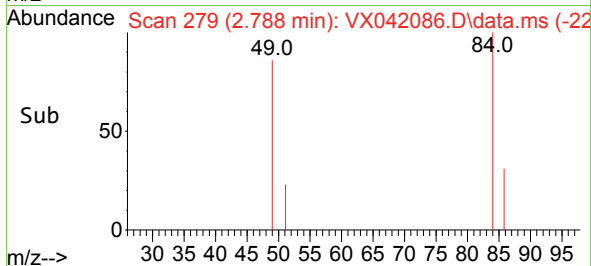
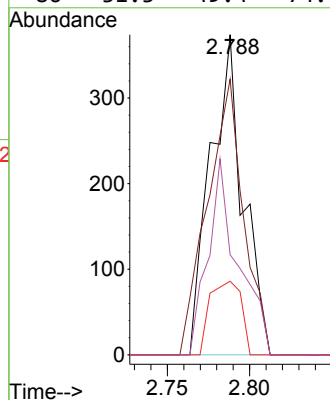
Ion Ratio Lower Upper

84 100

49 86.1 103.6 155.4#

51 23.0 33.8 50.6#

86 31.3 49.4 74.0#



#29

Tetrahydrofuran

Concen: 0.471 ug/l

RT: 5.038 min Scan# 648

Delta R.T. 0.018 min

Lab File: VX042086.D

Acq: 28 Jun 2024 15:28

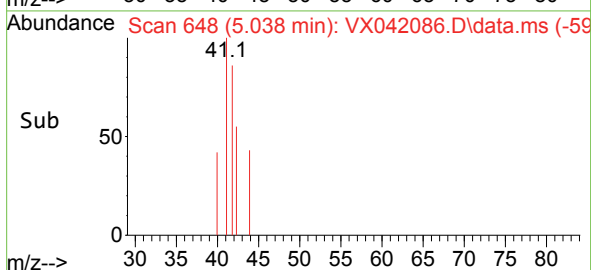
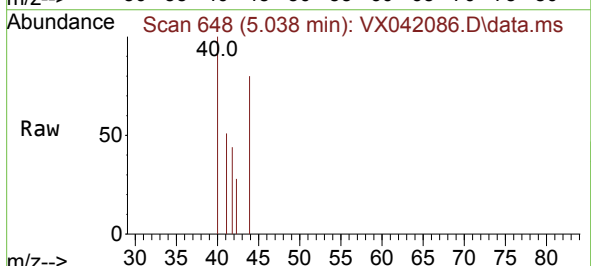
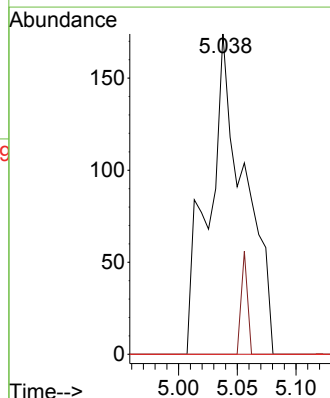
Tgt Ion: 42 Resp: 371

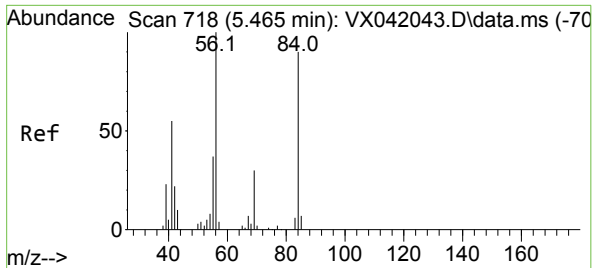
Ion Ratio Lower Upper

42 100

72 5.4 34.2 51.4#

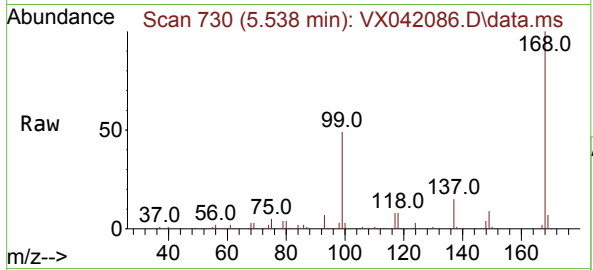
71 0.0 32.2 48.2#



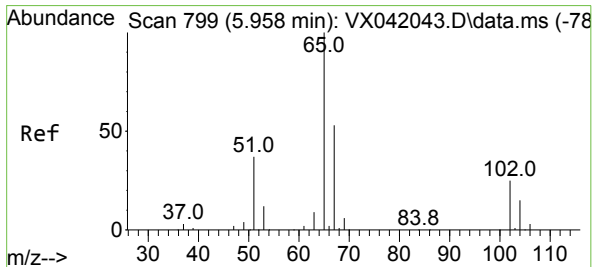
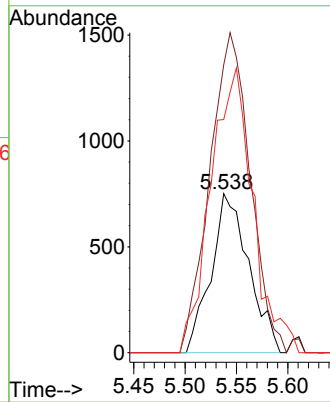
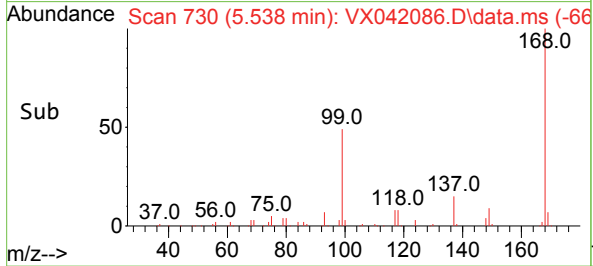


#31
Cyclohexane
Concen: 0.917 ug/l
RT: 5.538 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX042086.D
Acq: 28 Jun 2024 15:28

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-TB-20240624

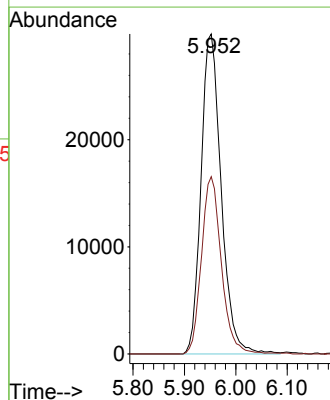
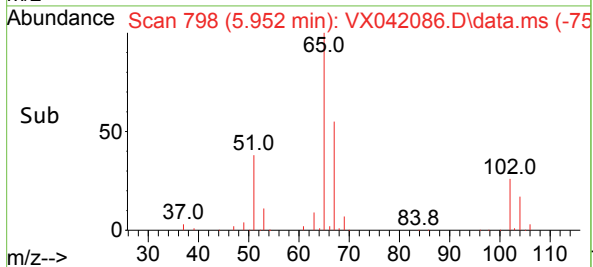
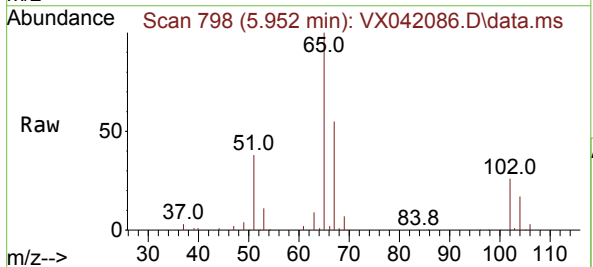


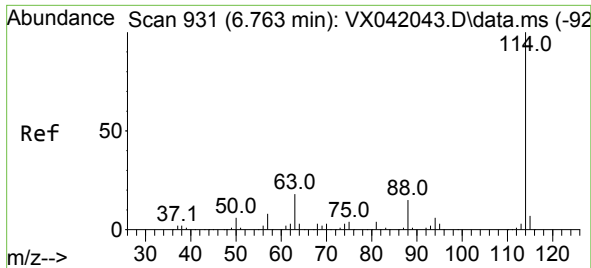
Tgt Ion: 56 Resp: 1913
Ion Ratio Lower Upper
56 100
69 181.0 23.4 35.2#
84 146.6 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 45.613 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX042086.D
Acq: 28 Jun 2024 15:28

Tgt Ion: 65 Resp: 81352
Ion Ratio Lower Upper
65 100
67 54.7 0.0 100.2

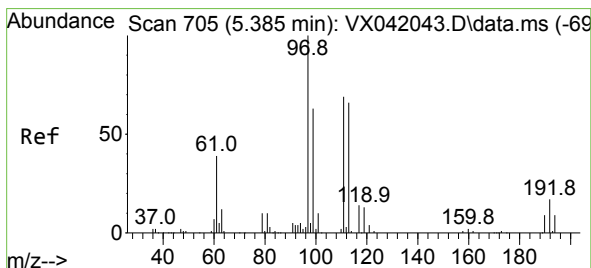
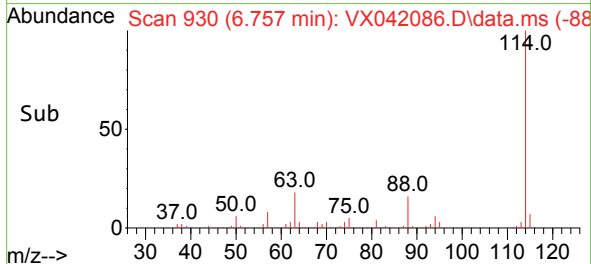
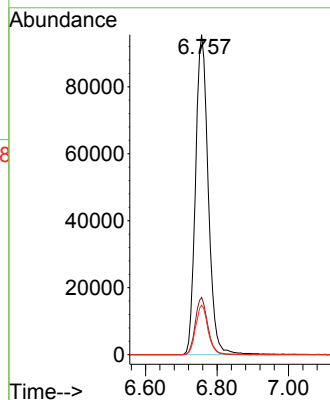
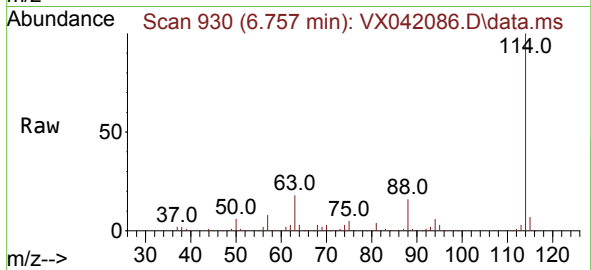




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX042086.D
Acq: 28 Jun 2024 15:28

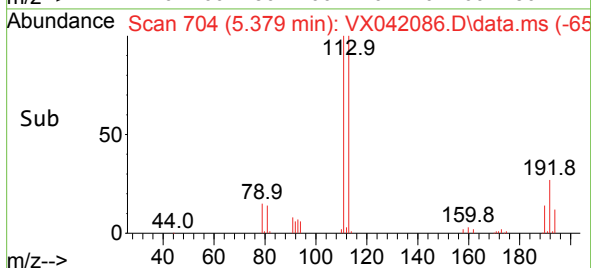
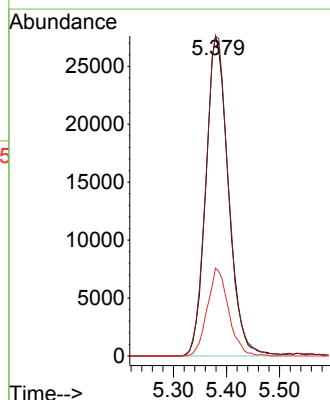
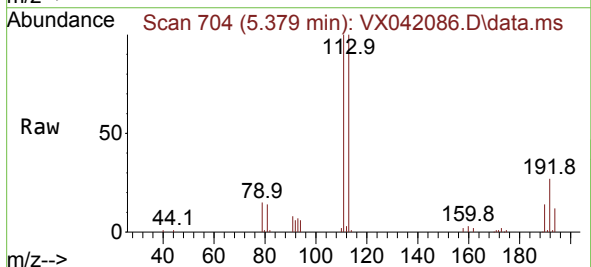
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-TB-20240624

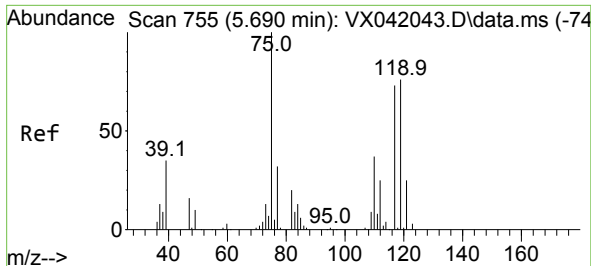
Tgt Ion:114 Resp: 235791
Ion Ratio Lower Upper
114 100
63 17.9 0.0 45.0
88 15.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.685 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.012 min
Lab File: VX042086.D
Acq: 28 Jun 2024 15:28

Tgt Ion:113 Resp: 81453
Ion Ratio Lower Upper
113 100
111 101.5 82.9 124.3
192 26.0 13.3 19.9#

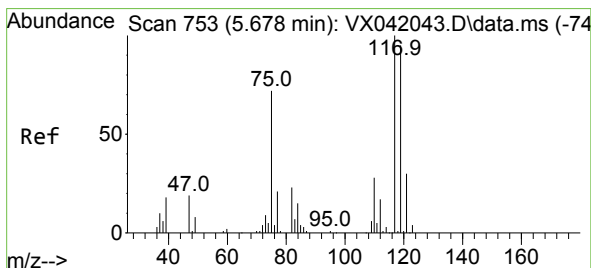
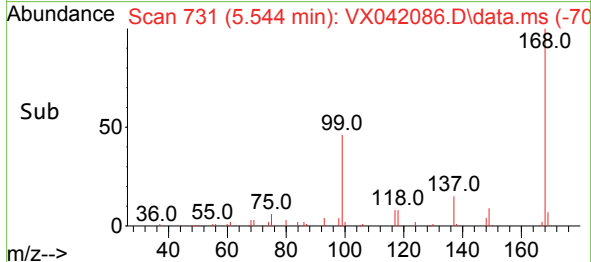
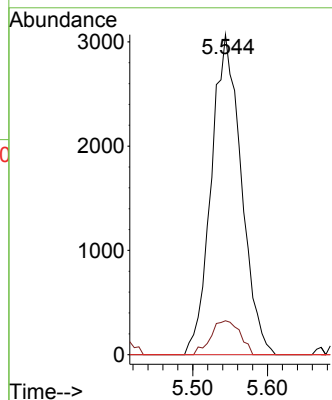
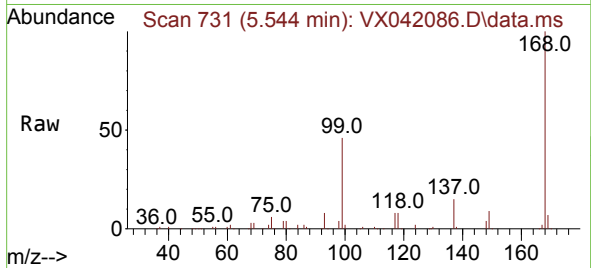




#36
1,1-Dichloropropene
Concen: 4.830 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX042086.D
Acq: 28 Jun 2024 15:28

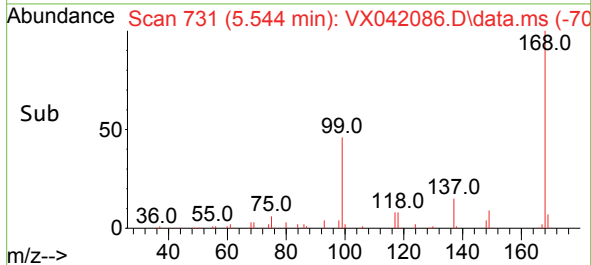
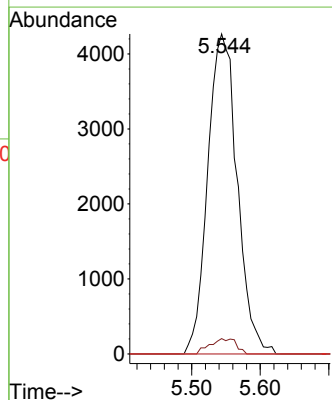
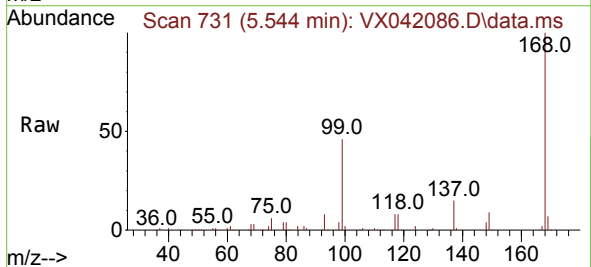
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-TB-20240624

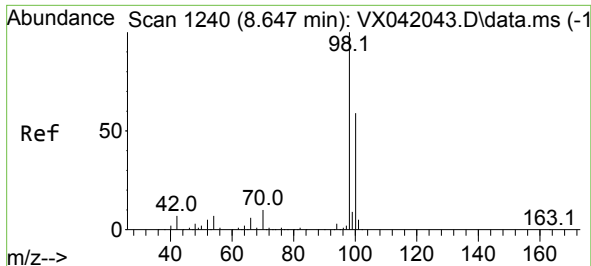
Tgt Ion: 75 Resp: 8581
Ion Ratio Lower Upper
75 100
110 10.3 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.489 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.134 min
Lab File: VX042086.D
Acq: 28 Jun 2024 15:28

Tgt Ion: 117 Resp: 12737
Ion Ratio Lower Upper
117 100
119 4.8 78.2 117.2#
121 0.0 24.4 36.6#

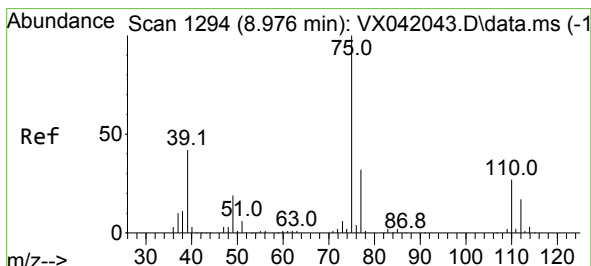
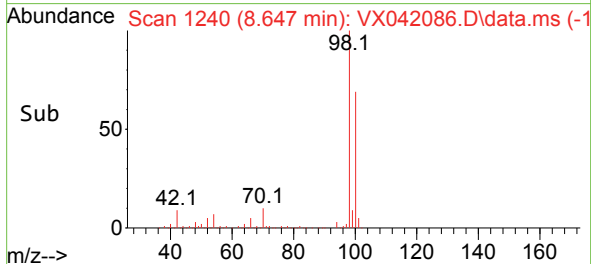
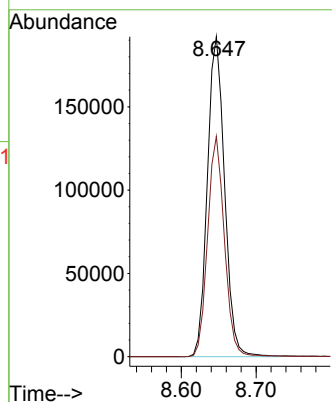
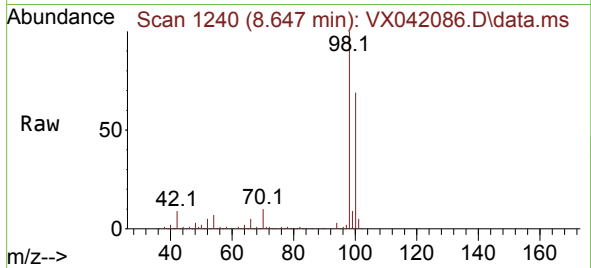




#50
Toluene-d8
Concen: 52.151 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042086.D
Acq: 28 Jun 2024 15:28

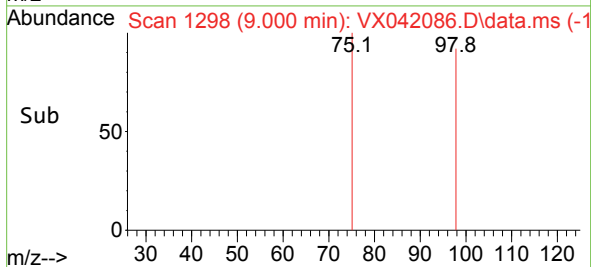
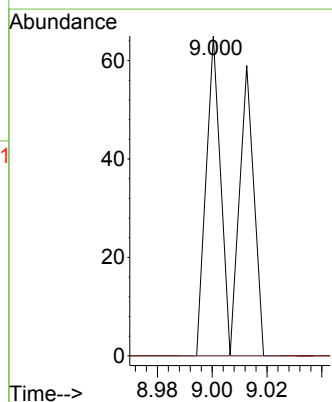
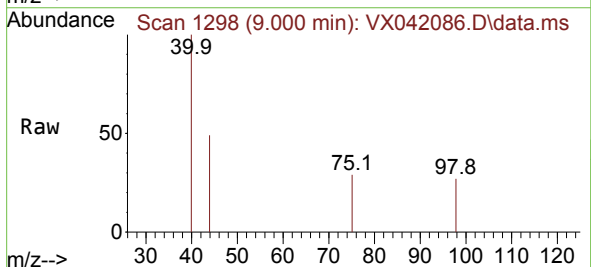
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-TB-20240624

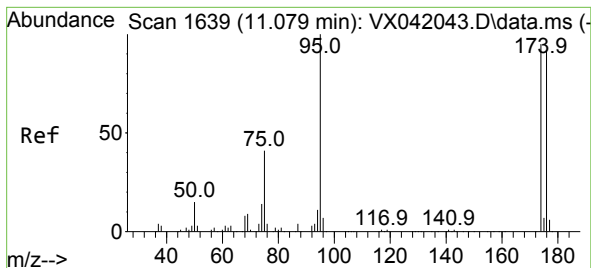
Tgt Ion: 98 Resp: 306522
Ion Ratio Lower Upper
98 100
100 67.5 53.1 79.7



#53
t-1,3-Dichloropropene
Concen: 0.913 ug/l
RT: 9.000 min Scan# 1298
Delta R.T. 0.018 min
Lab File: VX042086.D
Acq: 28 Jun 2024 15:28

Tgt Ion: 75 Resp: 45
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#





#62

4-Bromofluorobenzene

Concen: 53.637 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX042086.D

Acq: 28 Jun 2024 15:28

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-196-TB-20240624

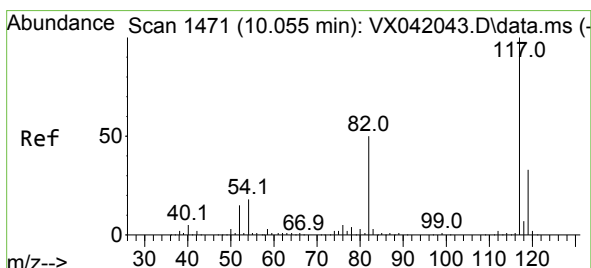
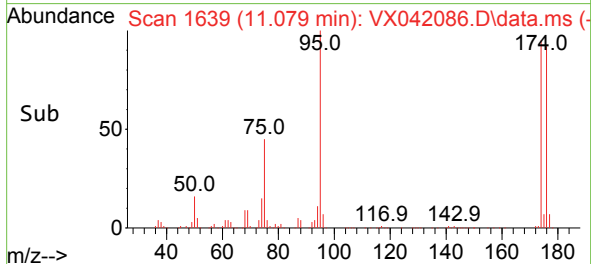
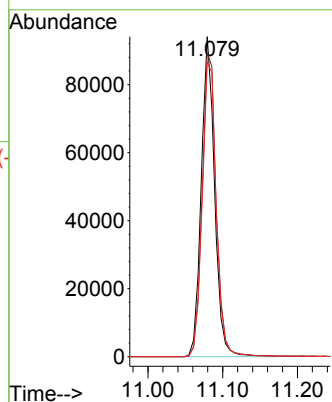
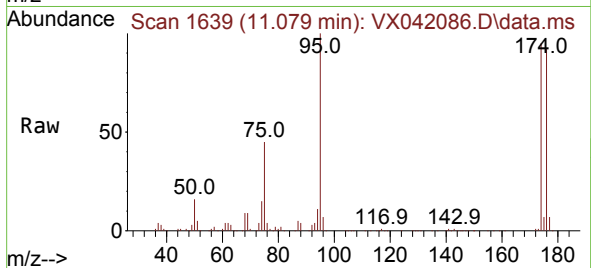
Tgt Ion: 95 Resp: 116211

Ion Ratio Lower Upper

95 100

174 100.3 0.0 135.6

176 97.2 0.0 131.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX042086.D

Acq: 28 Jun 2024 15:28

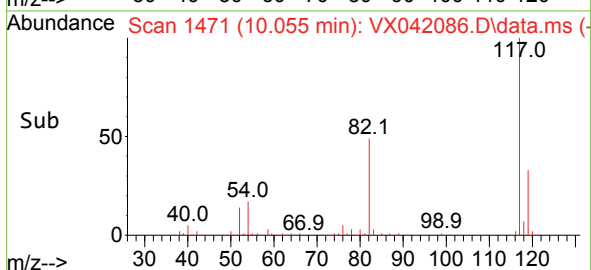
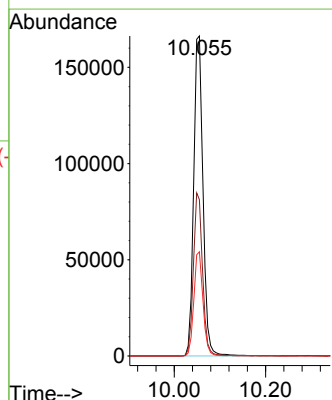
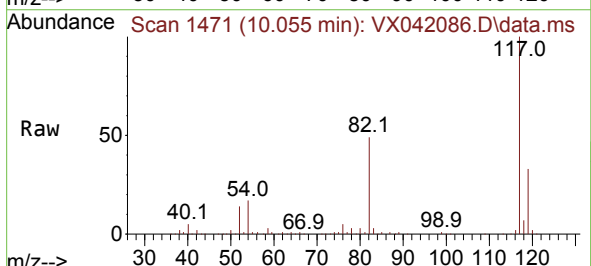
Tgt Ion: 117 Resp: 235880

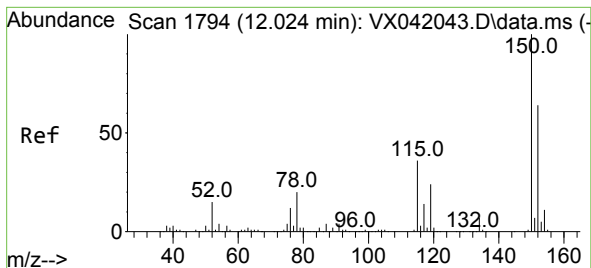
Ion Ratio Lower Upper

117 100

82 48.9 46.2 69.4

119 32.6 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX042086.D

Acq: 28 Jun 2024 15:28

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-196-TB-20240624

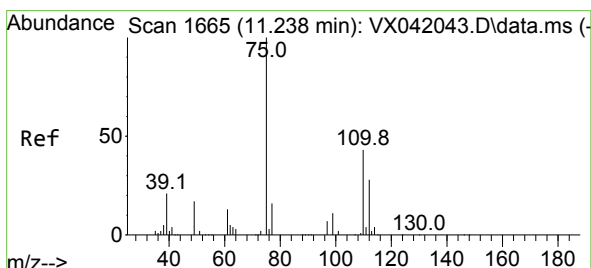
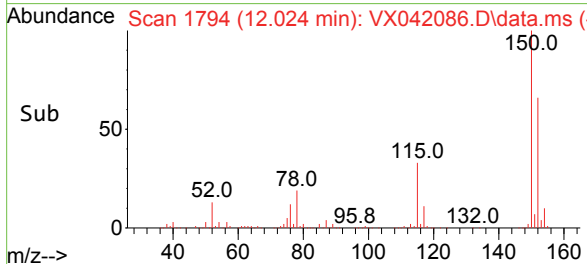
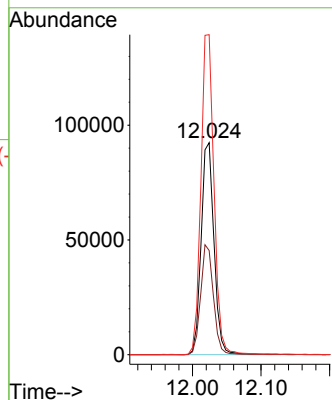
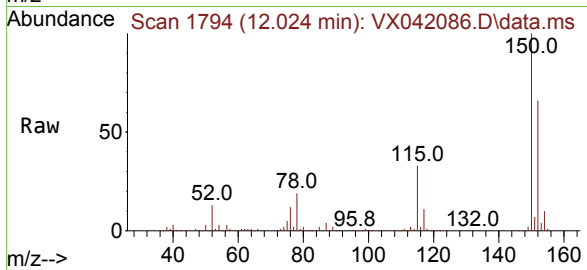
Tgt Ion:152 Resp: 121024

Ion Ratio Lower Upper

152 100

115 51.7 43.3 129.9

150 154.2 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 23.919 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX042086.D

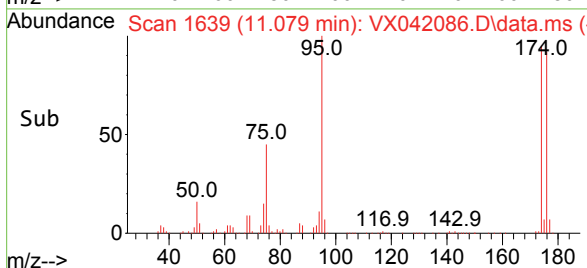
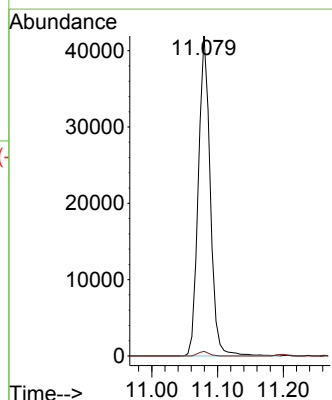
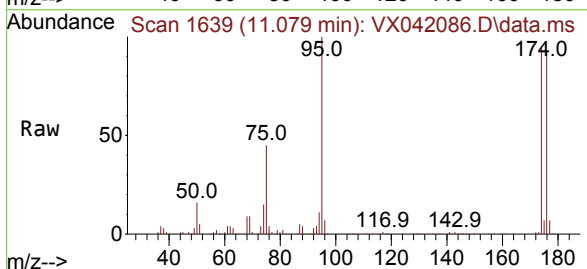
Acq: 28 Jun 2024 15:28

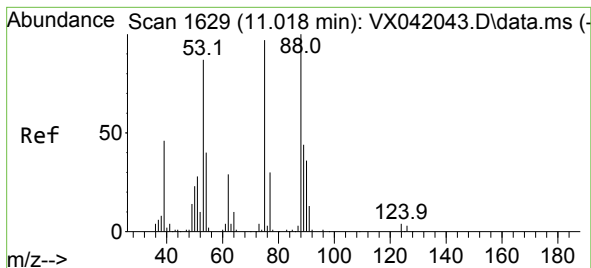
Tgt Ion: 75 Resp: 52552

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#

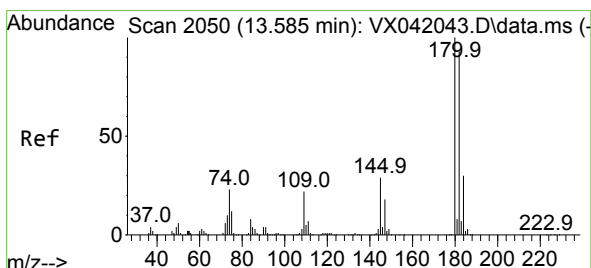
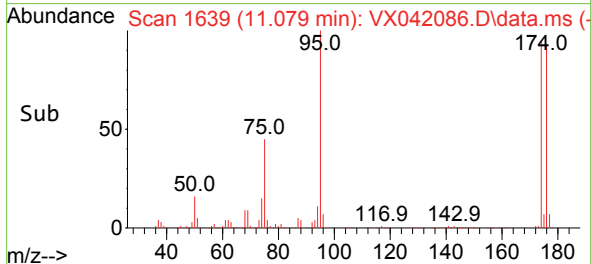
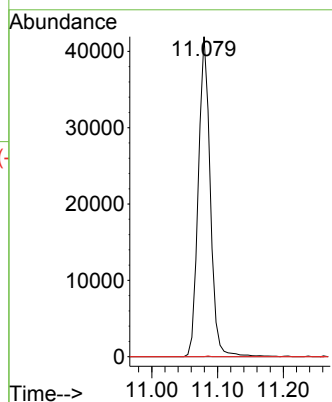
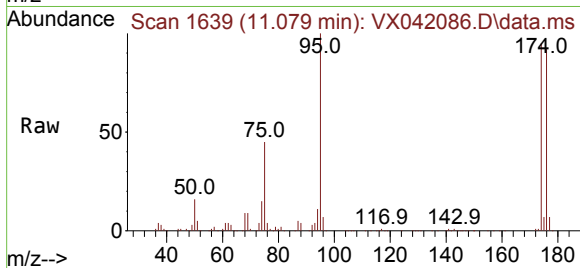




#81
trans-1,4-Dichloro-2-butene
Concen: 67.928 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX042086.D
Acq: 28 Jun 2024 15:28

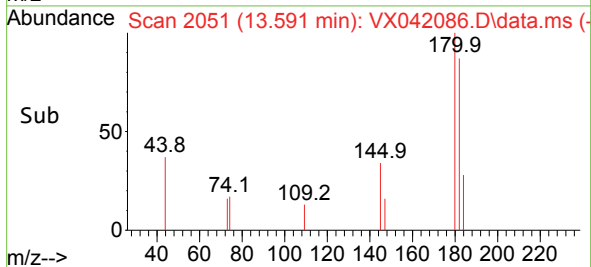
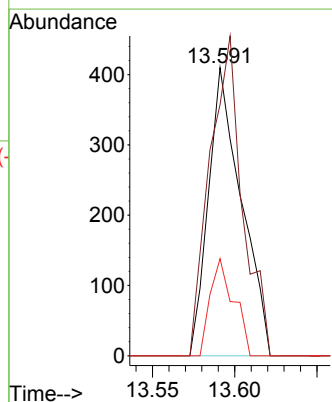
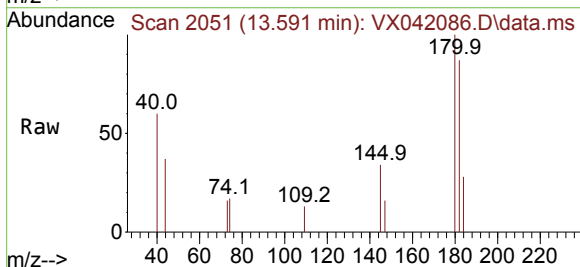
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-TB-20240624

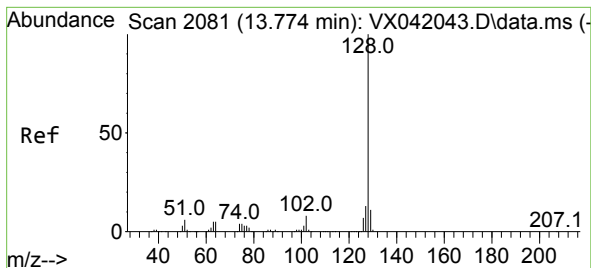
Tgt Ion: 75 Resp: 52552
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.1 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.221 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX042086.D
Acq: 28 Jun 2024 15:28

Tgt Ion:180 Resp: 571
Ion Ratio Lower Upper
180 100
182 110.2 48.3 144.8
145 24.2 18.0 54.0





#95

Naphthalene

Concen: 1.067 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX042086.D

Acq: 28 Jun 2024 15:28

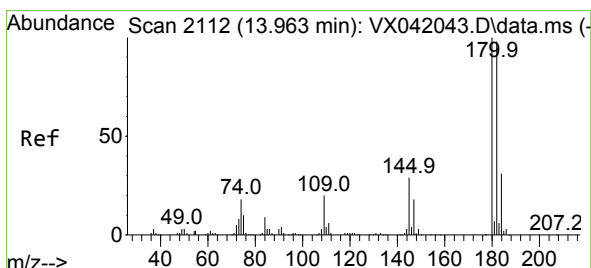
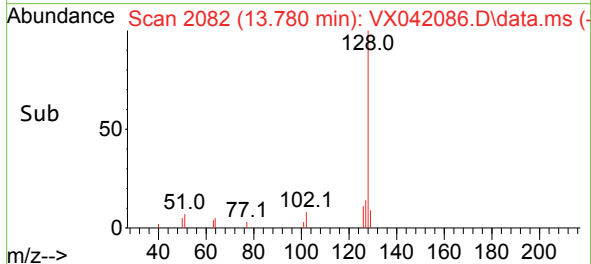
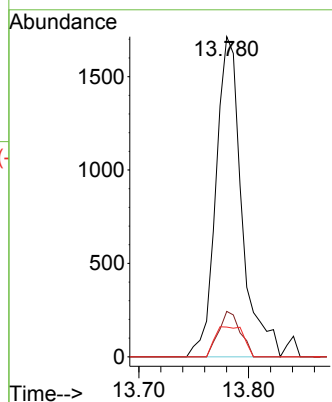
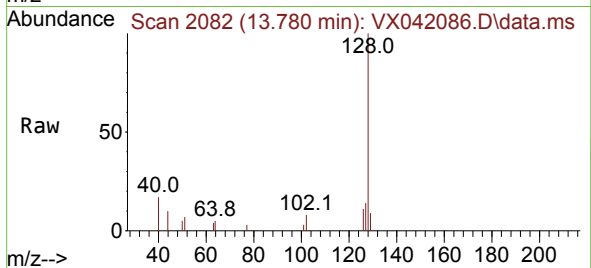
Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-196-TB-20240624

Tgt Ion:128	Resp:	2810
Ion Ratio	Lower	Upper
128	100	
127	11.8	10.3 15.5
129	10.3	8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 0.230 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX042086.D

Acq: 28 Jun 2024 15:28

Tgt Ion:180	Resp:	627
Ion Ratio	Lower	Upper
180	100	
182	101.8	46.9 140.6
145	27.9	17.8 53.5

