

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100923\
 Data File : VX038169.D
 Acq On : 09 Oct 2023 14:14
 Operator : JC/MD
 Sample : 04810-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW10A-EB-20231004

Quant Time: Oct 10 00:56:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

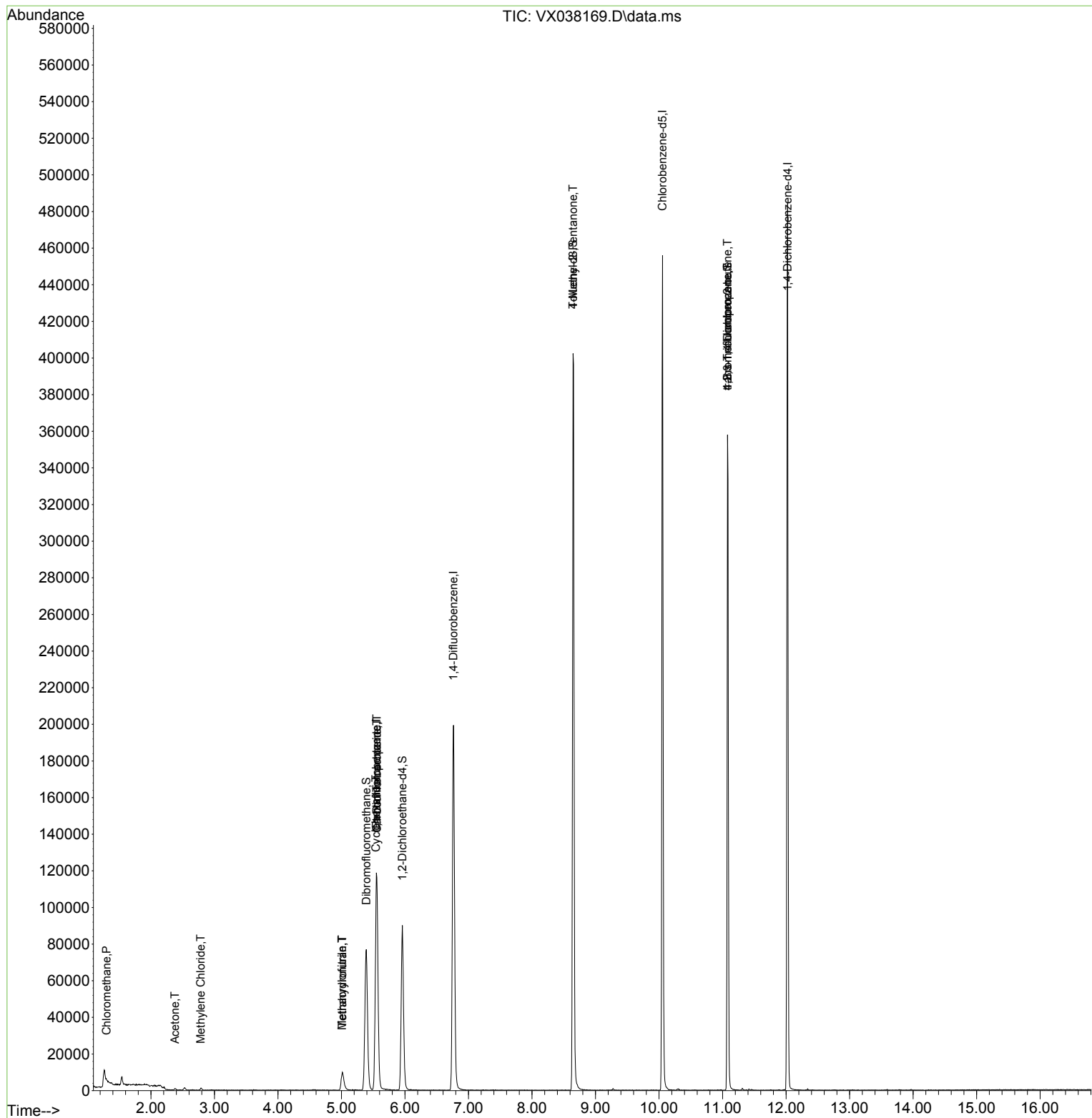
Internal Standards						
1) Pentafluorobenzene	5.550	168	111504	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	202240	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	195661	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97802	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	83573	46.598	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.200%		
35) Dibromofluoromethane	5.391	113	65977	45.275	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.540%		
50) Toluene-d8	8.647	98	249383	44.784	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	89.560%#		
62) 4-Bromofluorobenzene	11.079	95	91025	43.117	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	86.240%		
Target Compounds						Qvalue
3) Chloromethane	1.300	50	367	0.335	ug/l #	43
5) Bromomethane	1.605	94	54	Below Cal	#	3
6) Chloroethane	1.691	64	131	Below Cal		99
11) Tert butyl alcohol	2.952	59	22	Below Cal	#	78
16) Acetone	2.379	43	882	1.178	ug/l #	85
20) Methylene Chloride	2.782	84	440	0.313	ug/l #	87
29) Tetrahydrofuran	5.013	42	8706	11.072	ug/l	96
31) Cyclohexane	5.543	56	2736	1.408	ug/l #	37
36) 1,1-Dichloropropene	5.556	75	9779	4.866	ug/l #	52
38) Carbon Tetrachloride	5.556	117	12114	6.128	ug/l #	17
41) Methacrylonitrile	5.007	41	5505	4.637	ug/l #	36
51) 4-Methyl-2-Pentanone	8.647	43	1153	0.469	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	50572	22.745	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	50572	65.091	ug/l #	5

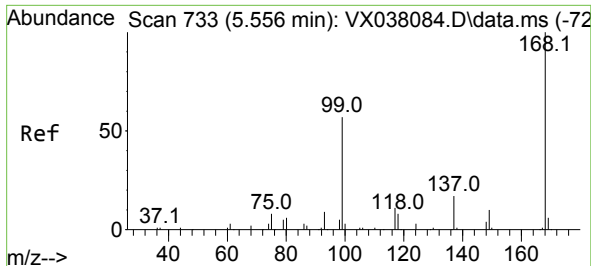
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100923\
Data File : VX038169.D
Acq On : 09 Oct 2023 14:14
Operator : JC/MD
Sample : 04810-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-EB-20231004

Quant Time: Oct 10 00:56:14 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration

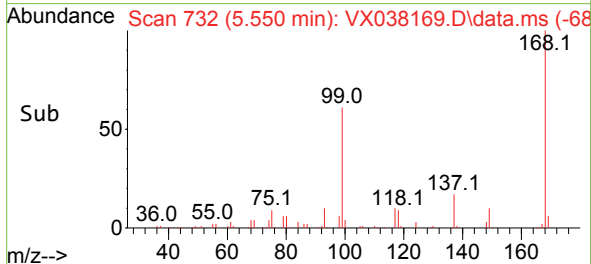
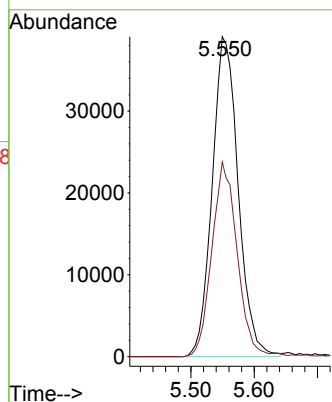
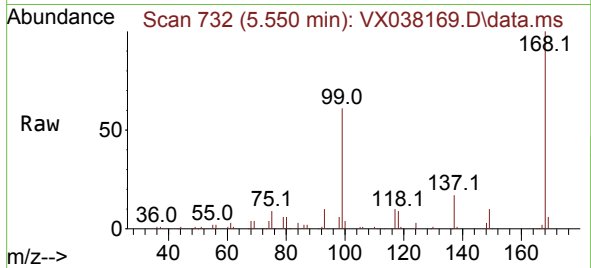




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038169.D
Acq: 09 Oct 2023 14:14

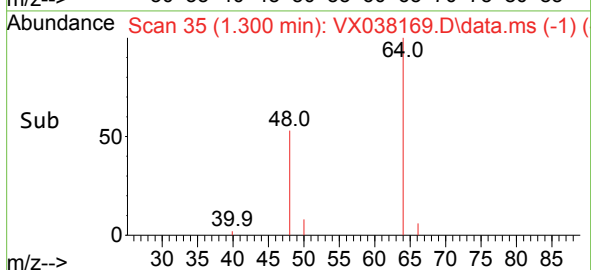
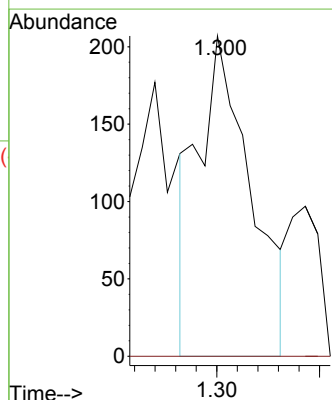
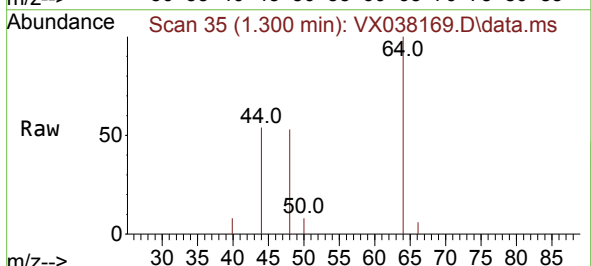
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-EB-20231004

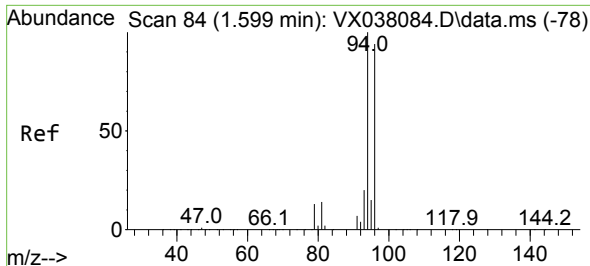
Tgt Ion:168 Resp: 111504
Ion Ratio Lower Upper
168 100
99 60.9 56.6 85.0



#3
Chloromethane
Concen: 0.335 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.001 min
Lab File: VX038169.D
Acq: 09 Oct 2023 14:14

Tgt Ion: 50 Resp: 367
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

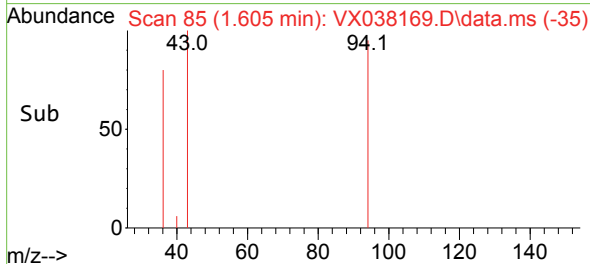
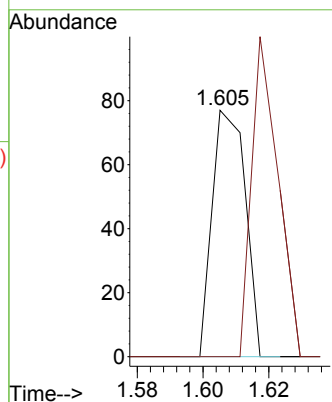
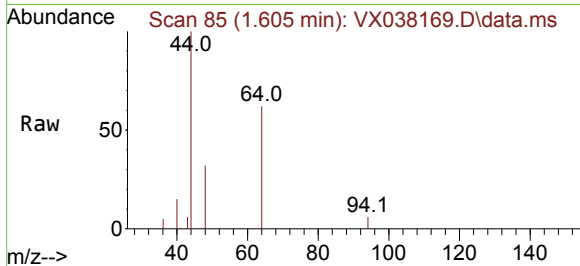




#5
Bromomethane
Concen: Below Cal
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX038169.D
Acq: 09 Oct 2023 14:14

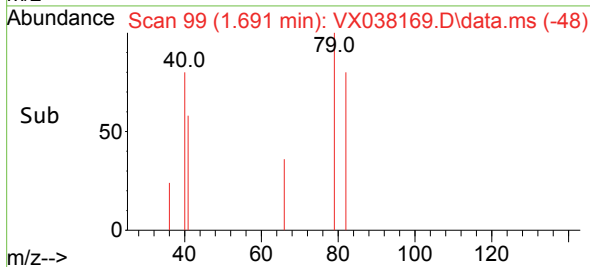
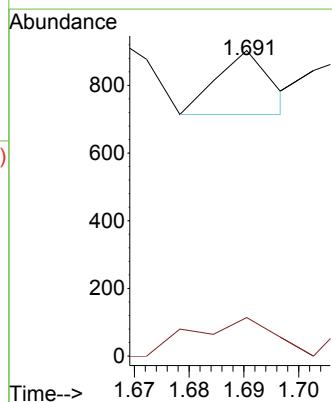
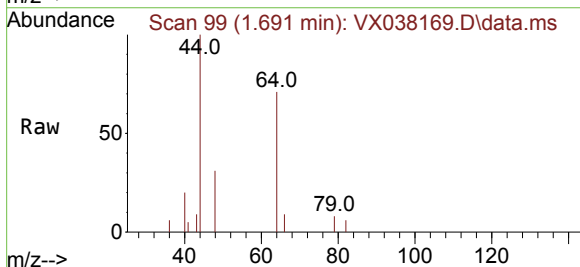
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-EB-20231004

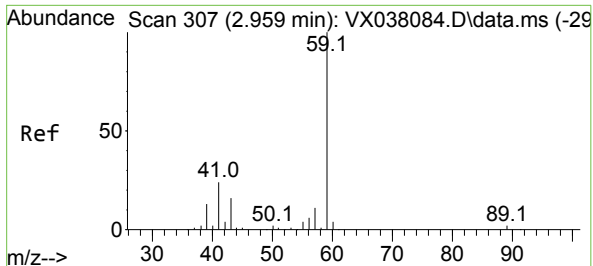
Tgt Ion: 94 Resp: 54
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



#6
Chloroethane
Concen: Below Cal
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX038169.D
Acq: 09 Oct 2023 14:14

Tgt Ion: 64 Resp: 131
Ion Ratio Lower Upper
64 100
66 30.7 25.1 37.7





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.952 min Scan# 307

Delta R.T. -0.007 min

Lab File: VX038169.D

Acq: 09 Oct 2023 14:14

Instrument :

MSVOA_X

ClientSampleId :

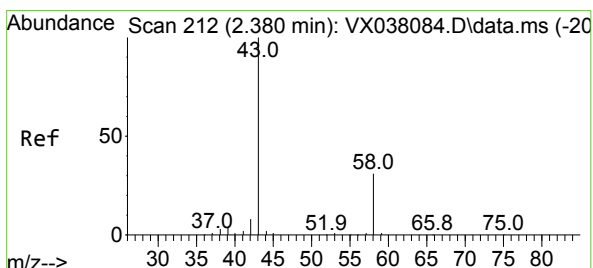
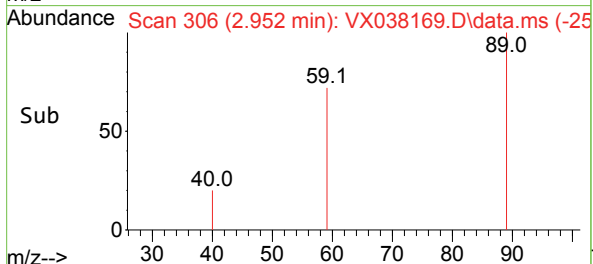
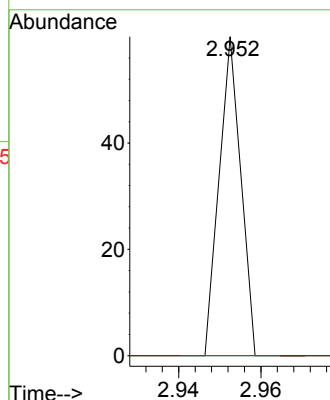
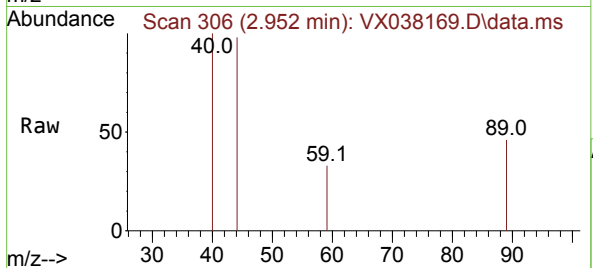
BP-VPB-RW10A-EB-20231004

Tgt Ion: 59 Resp: 22

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 1.178 ug/l

RT: 2.379 min Scan# 212

Delta R.T. -0.001 min

Lab File: VX038169.D

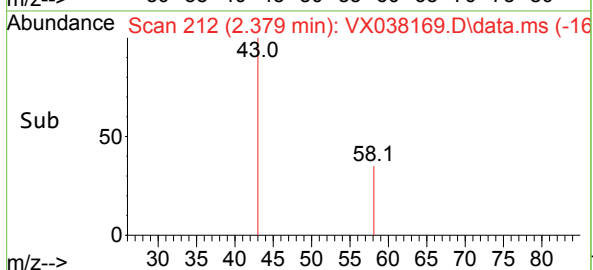
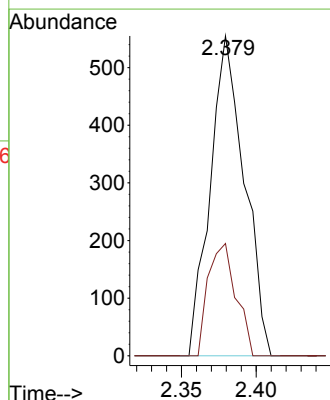
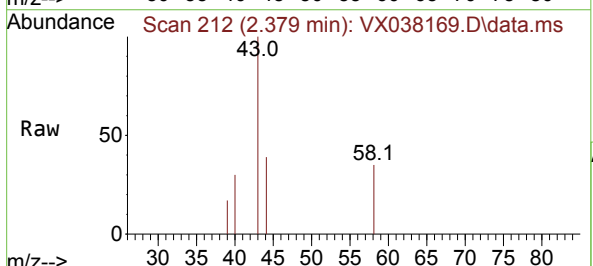
Acq: 09 Oct 2023 14:14

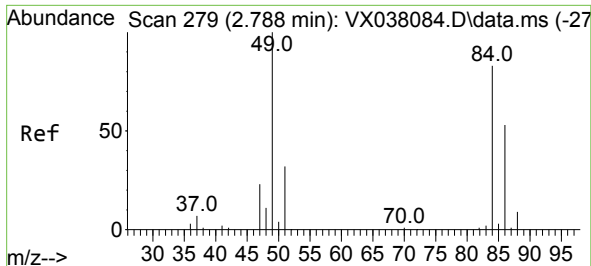
Tgt Ion: 43 Resp: 882

Ion Ratio Lower Upper

43 100

58 35.1 21.9 32.9#





#20

Methylene Chloride

Concen: 0.313 ug/l

RT: 2.782 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX038169.D

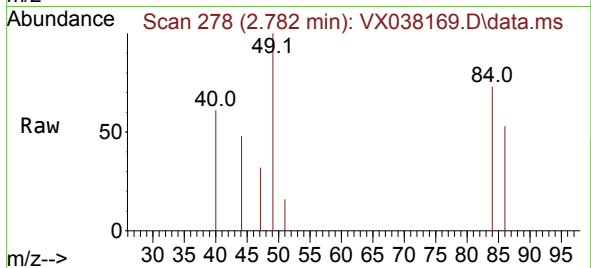
Acq: 09 Oct 2023 14:14

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW10A-EB-20231004



Tgt Ion: 84 Resp: 440

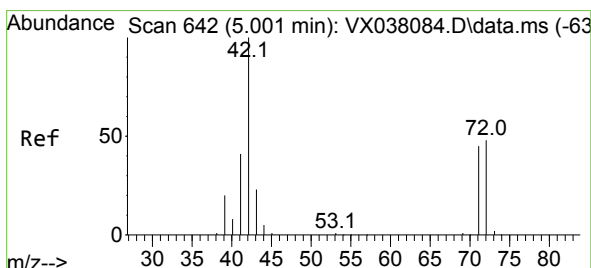
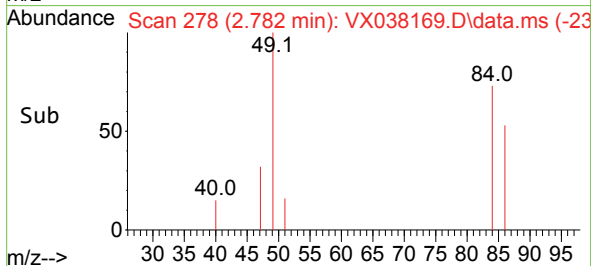
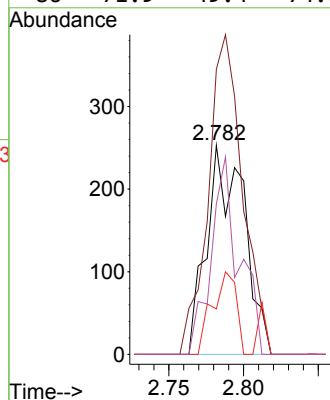
Ion Ratio Lower Upper

84 100

49 136.4 103.6 155.4

51 21.7 33.8 50.6#

86 71.9 49.4 74.0



#29

Tetrahydrofuran

Concen: 11.072 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.012 min

Lab File: VX038169.D

Acq: 09 Oct 2023 14:14

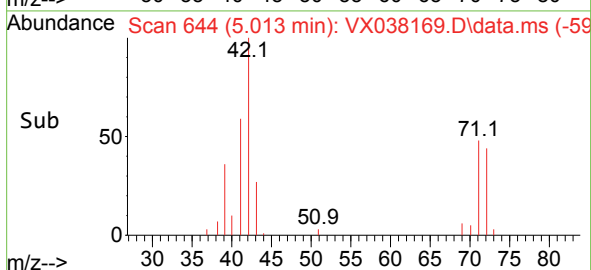
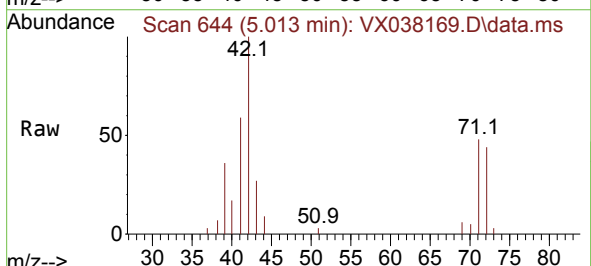
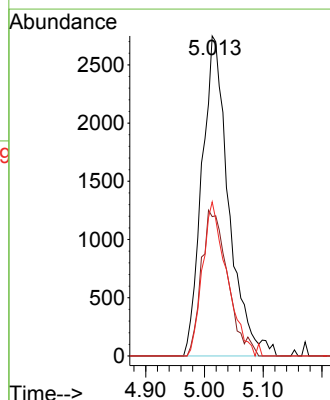
Tgt Ion: 42 Resp: 8706

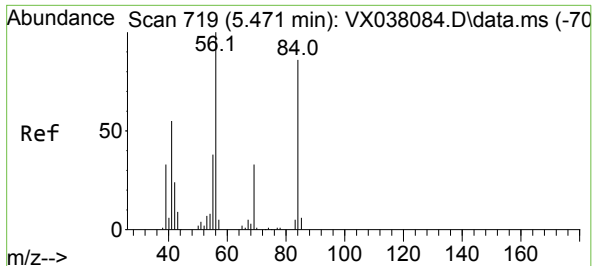
Ion Ratio Lower Upper

42 100

72 44.7 34.2 51.4

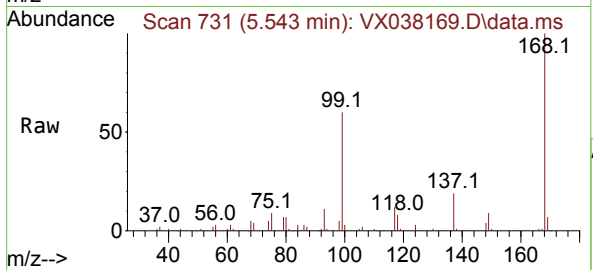
71 43.7 32.2 48.2



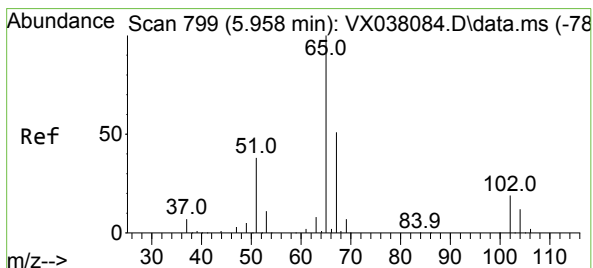
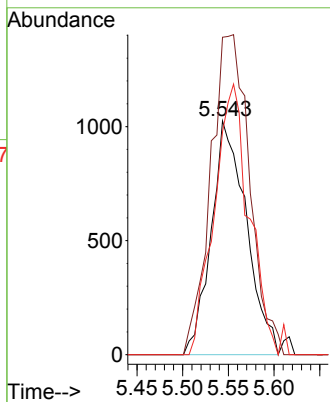
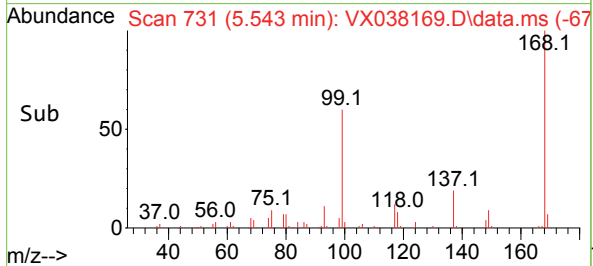


#31
Cyclohexane
Concen: 1.408 ug/l
RT: 5.543 min Scan# 719
Delta R.T. 0.072 min
Lab File: VX038169.D
Acq: 09 Oct 2023 14:14

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-EB-20231004

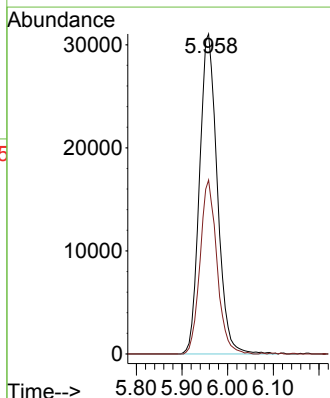
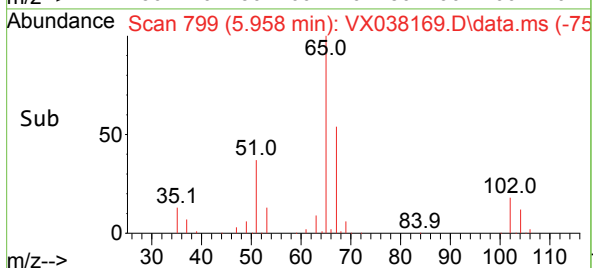
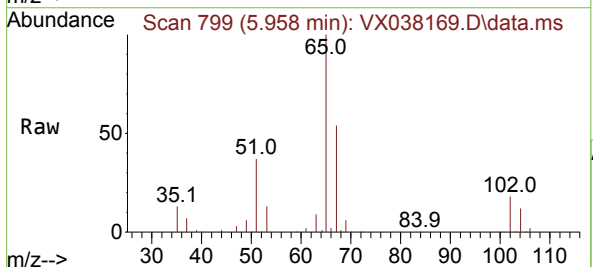


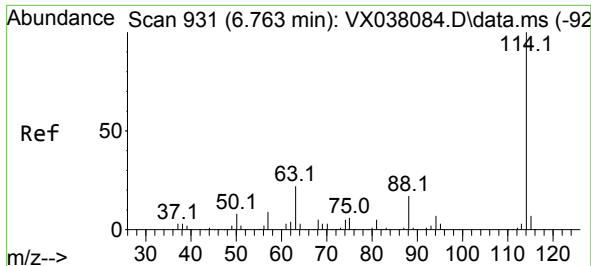
Tgt Ion: 56 Resp: 2736
Ion Ratio Lower Upper
56 100
69 135.8 23.4 35.2#
84 95.3 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 46.598 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038169.D
Acq: 09 Oct 2023 14:14

Tgt Ion: 65 Resp: 83573
Ion Ratio Lower Upper
65 100
67 51.9 0.0 100.2

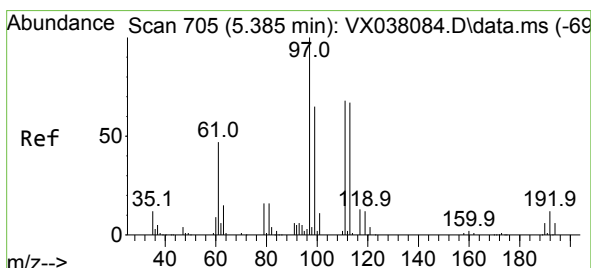
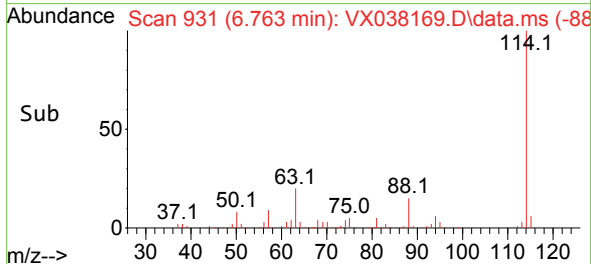
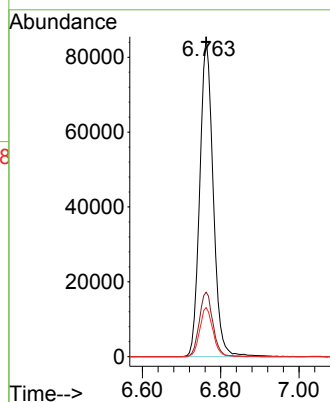
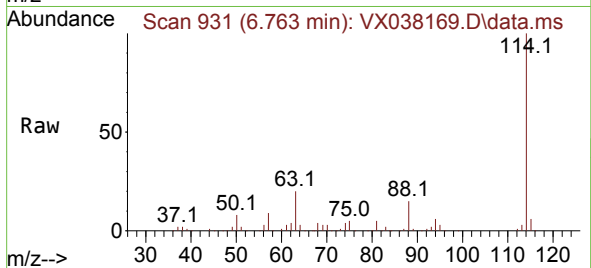




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038169.D
Acq: 09 Oct 2023 14:14

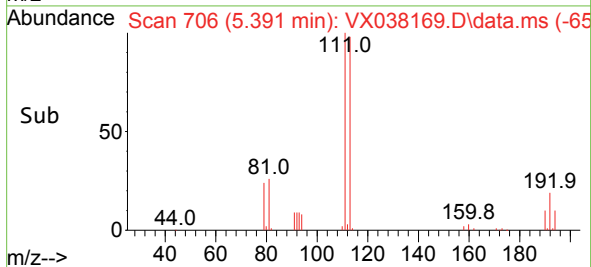
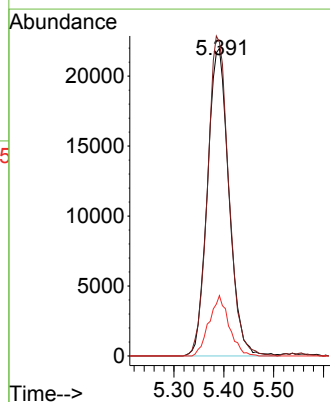
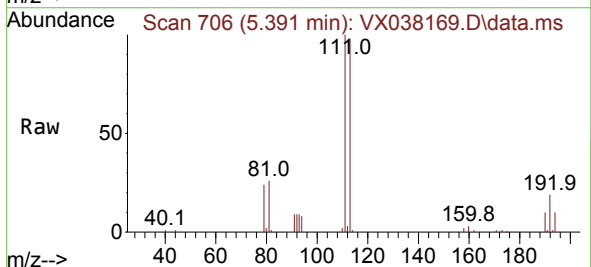
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-EB-20231004

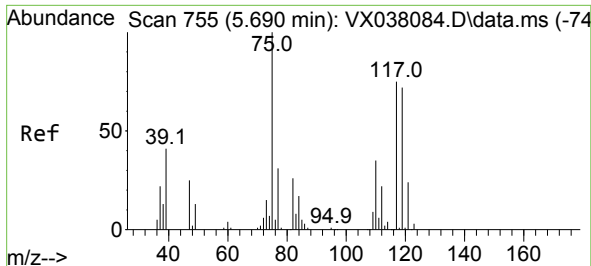
Tgt Ion:114 Resp: 202240
Ion Ratio Lower Upper
114 100
63 20.1 0.0 45.0
88 15.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.275 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX038169.D
Acq: 09 Oct 2023 14:14

Tgt Ion:113 Resp: 65977
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 18.2 13.3 19.9

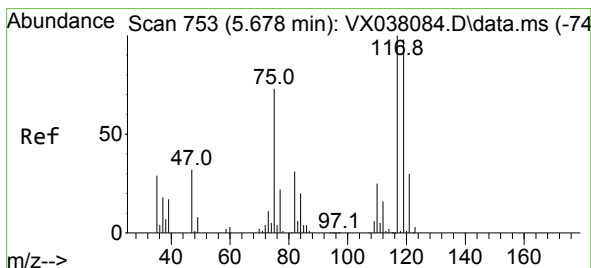
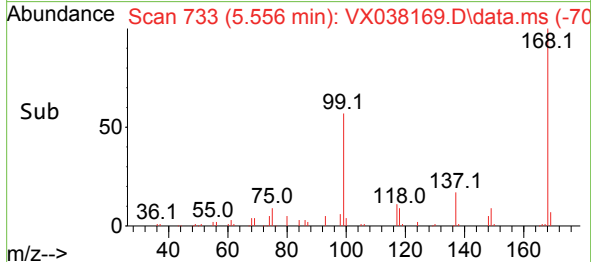
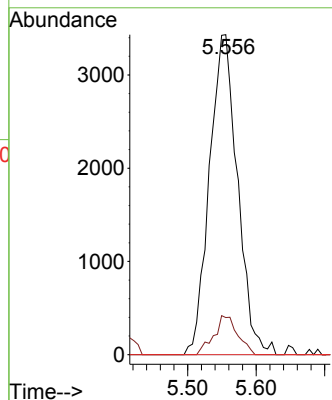
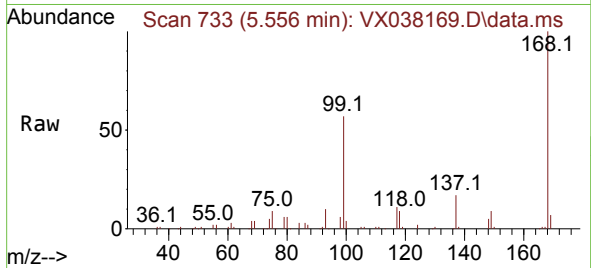




#36
1,1-Dichloropropene
Concen: 4.866 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.134 min
Lab File: VX038169.D
Acq: 09 Oct 2023 14:14

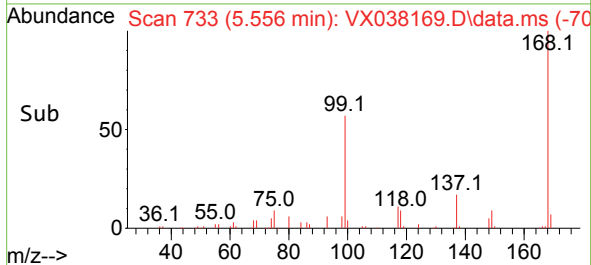
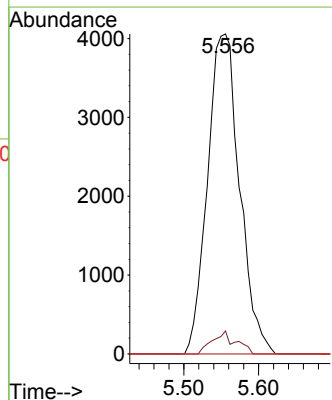
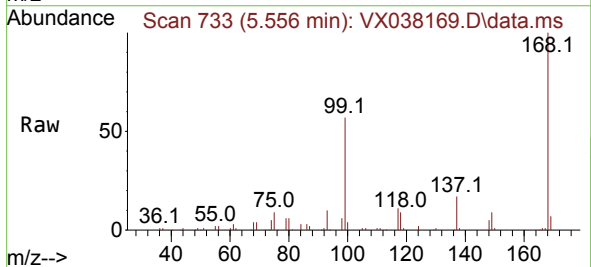
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-EB-20231004

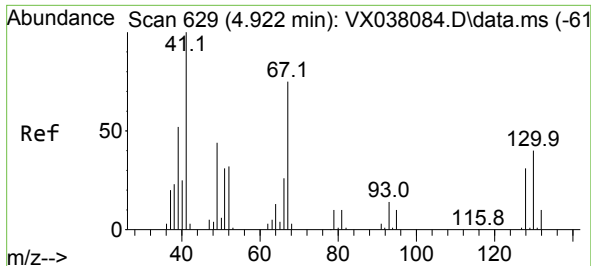
Tgt Ion: 75 Resp: 9779
Ion Ratio Lower Upper
75 100
110 10.3 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.128 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX038169.D
Acq: 09 Oct 2023 14:14

Tgt Ion: 117 Resp: 12114
Ion Ratio Lower Upper
117 100
119 7.2 78.2 117.2#
121 0.0 24.4 36.6#

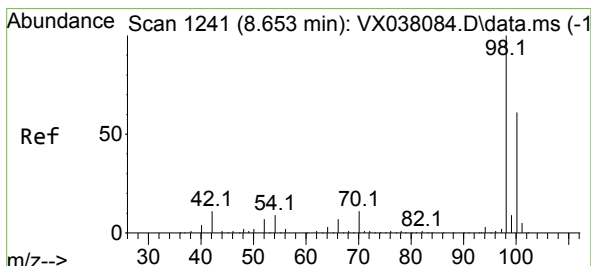
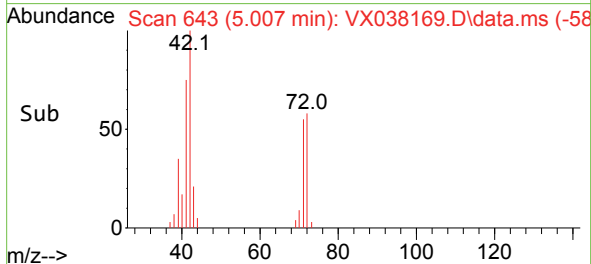
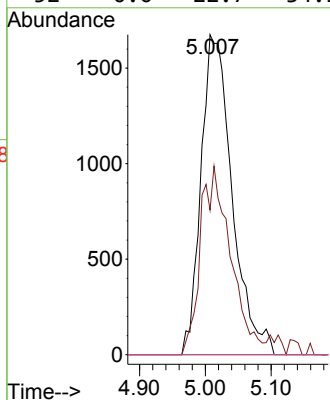
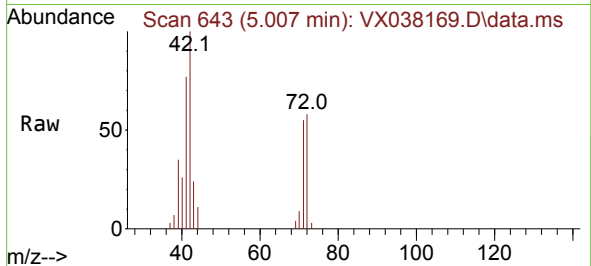




#41
Methacrylonitrile
Concen: 4.637 ug/l
RT: 5.007 min Scan# 643
Delta R.T. 0.085 min
Lab File: VX038169.D
Acq: 09 Oct 2023 14:14

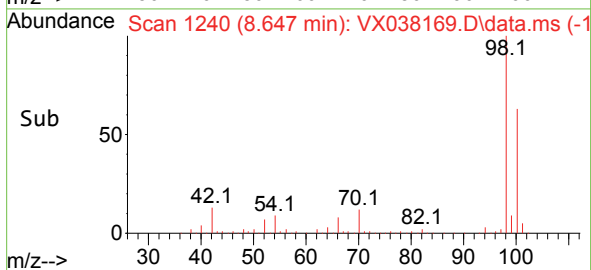
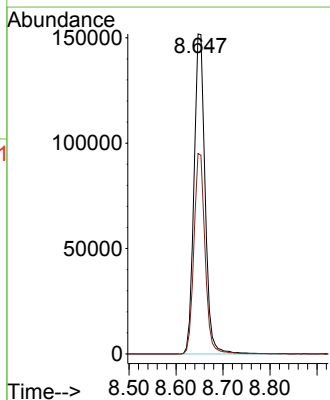
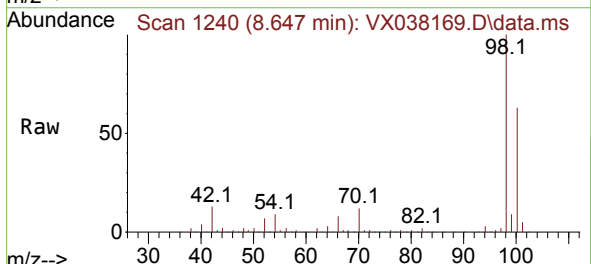
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-EB-20231004

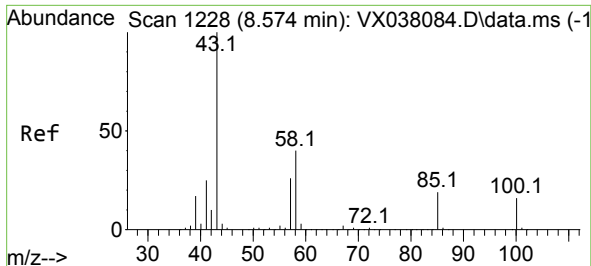
Tgt Ion: 41	Resp: 5505
Ion Ratio	Lower Upper
41 100	
39 21.6	45.2 67.8#
67 0.0	52.6 78.8#
52 0.0	22.7 34.1#



#50
Toluene-d8
Concen: 44.784 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038169.D
Acq: 09 Oct 2023 14:14

Tgt Ion: 98	Resp: 249383
Ion Ratio	Lower Upper
98 100	
100 62.9	53.1 79.7

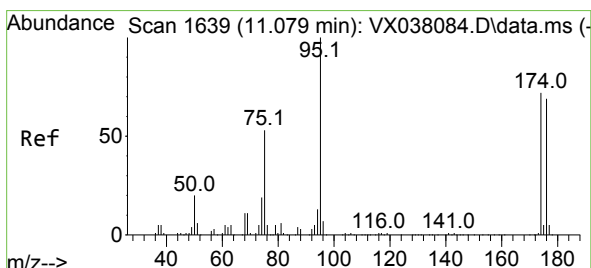
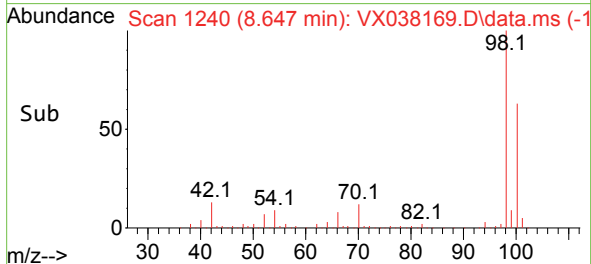
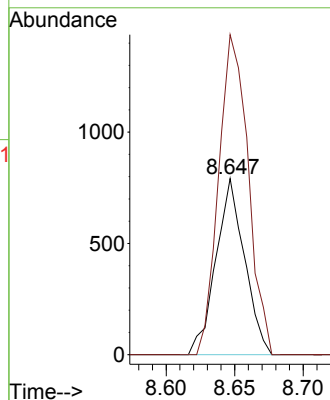
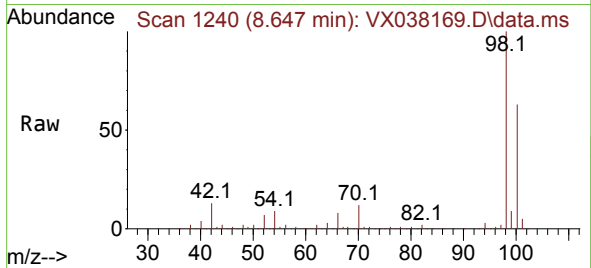




#51
4-Methyl-2-Pentanone
Concen: 0.469 ug/l
RT: 8.647 min Scan# 1153
Delta R.T. 0.073 min
Lab File: VX038169.D
Acq: 09 Oct 2023 14:14

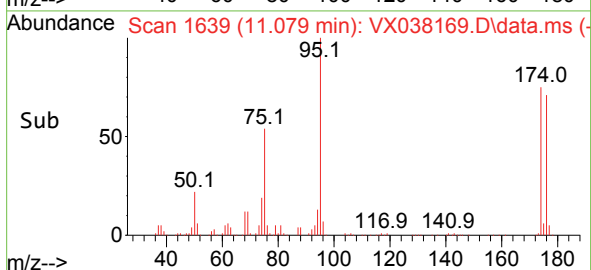
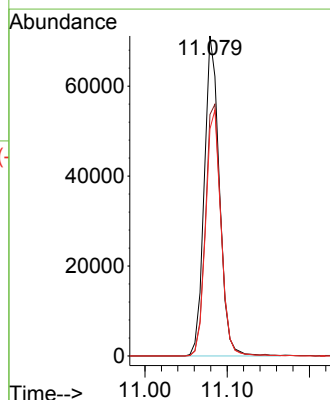
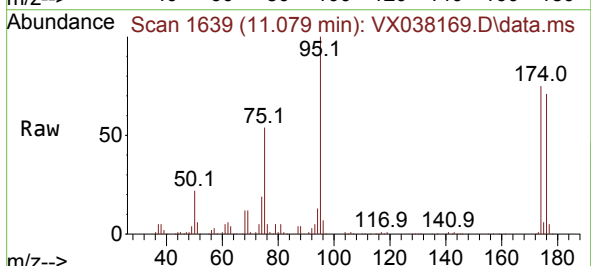
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-EB-20231004

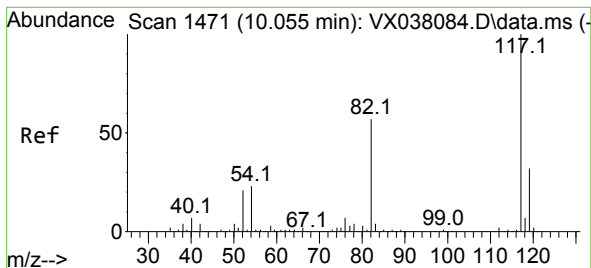
Tgt Ion: 43 Resp: 1153
Ion Ratio Lower Upper
43 100
58 187.1 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 43.117 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038169.D
Acq: 09 Oct 2023 14:14

Tgt Ion: 95 Resp: 91025
Ion Ratio Lower Upper
95 100
174 81.0 0.0 135.6
176 77.9 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: VX038169.D

Acq: 09 Oct 2023 14:14

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW10A-EB-20231004

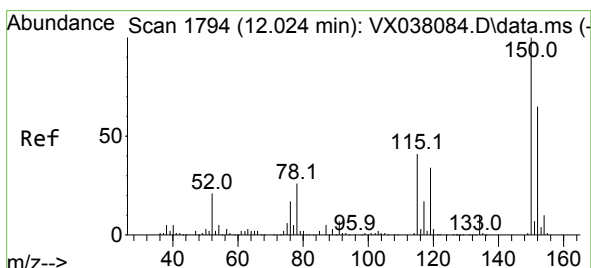
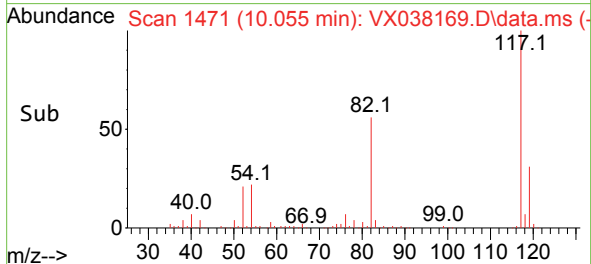
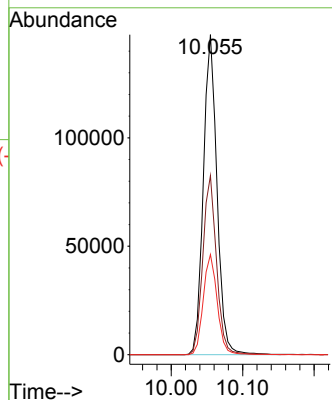
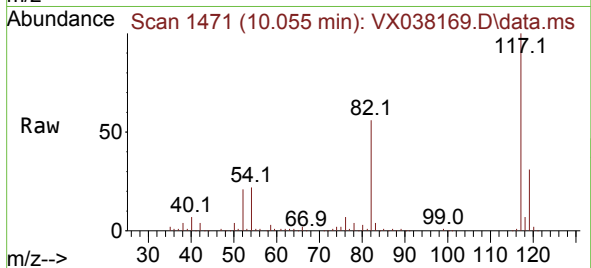
Tgt Ion:117 Resp: 195661

Ion Ratio Lower Upper

117 100

82 55.9 46.2 69.4

119 31.3 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX038169.D

Acq: 09 Oct 2023 14:14

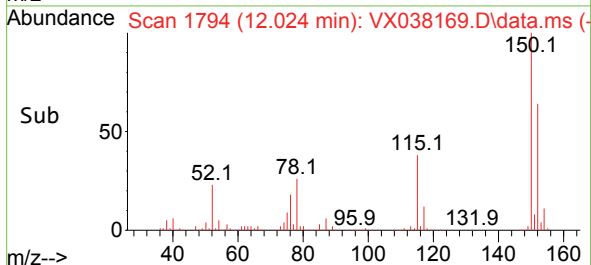
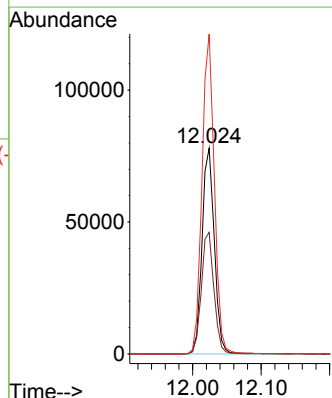
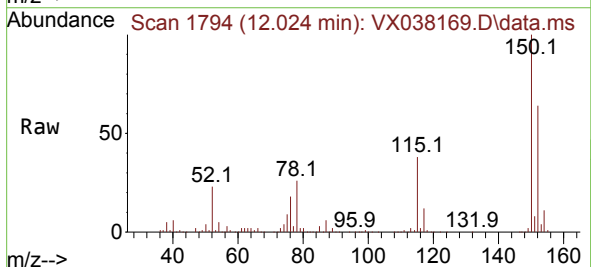
Tgt Ion:152 Resp: 97802

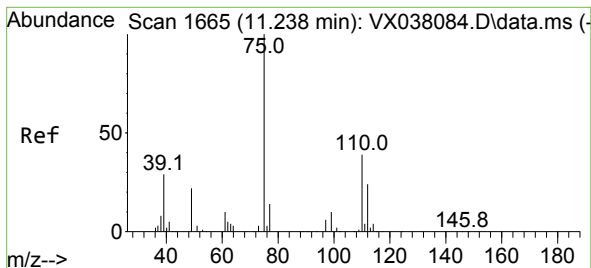
Ion Ratio Lower Upper

152 100

115 60.2 43.3 129.9

150 155.7 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 22.745 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038169.D

Acq: 09 Oct 2023 14:14

Instrument :

MSVOA_X

ClientSampleId :

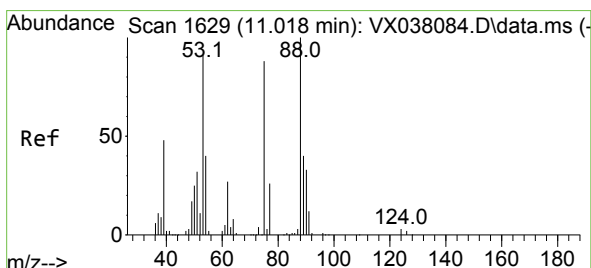
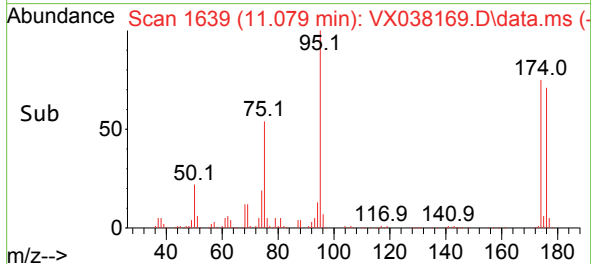
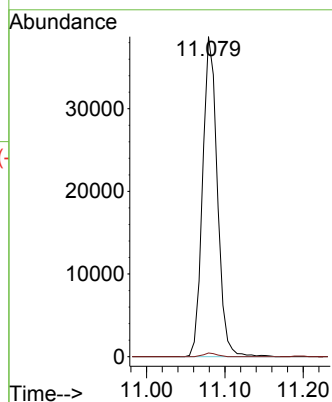
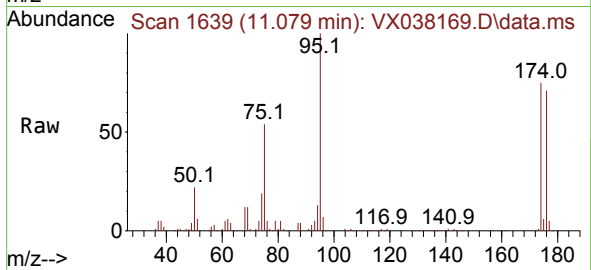
BP-VPB-RW10A-EB-20231004

Tgt Ion: 75 Resp: 50572

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 65.091 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038169.D

Acq: 09 Oct 2023 14:14

Tgt Ion: 75 Resp: 50572

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

