

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092823\
 Data File : VX037957.D
 Acq On : 28 Sep 2023 18:07
 Operator : JC/MD
 Sample : 04662-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW10A-GW-540-542

Quant Time: Sep 29 05:49:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

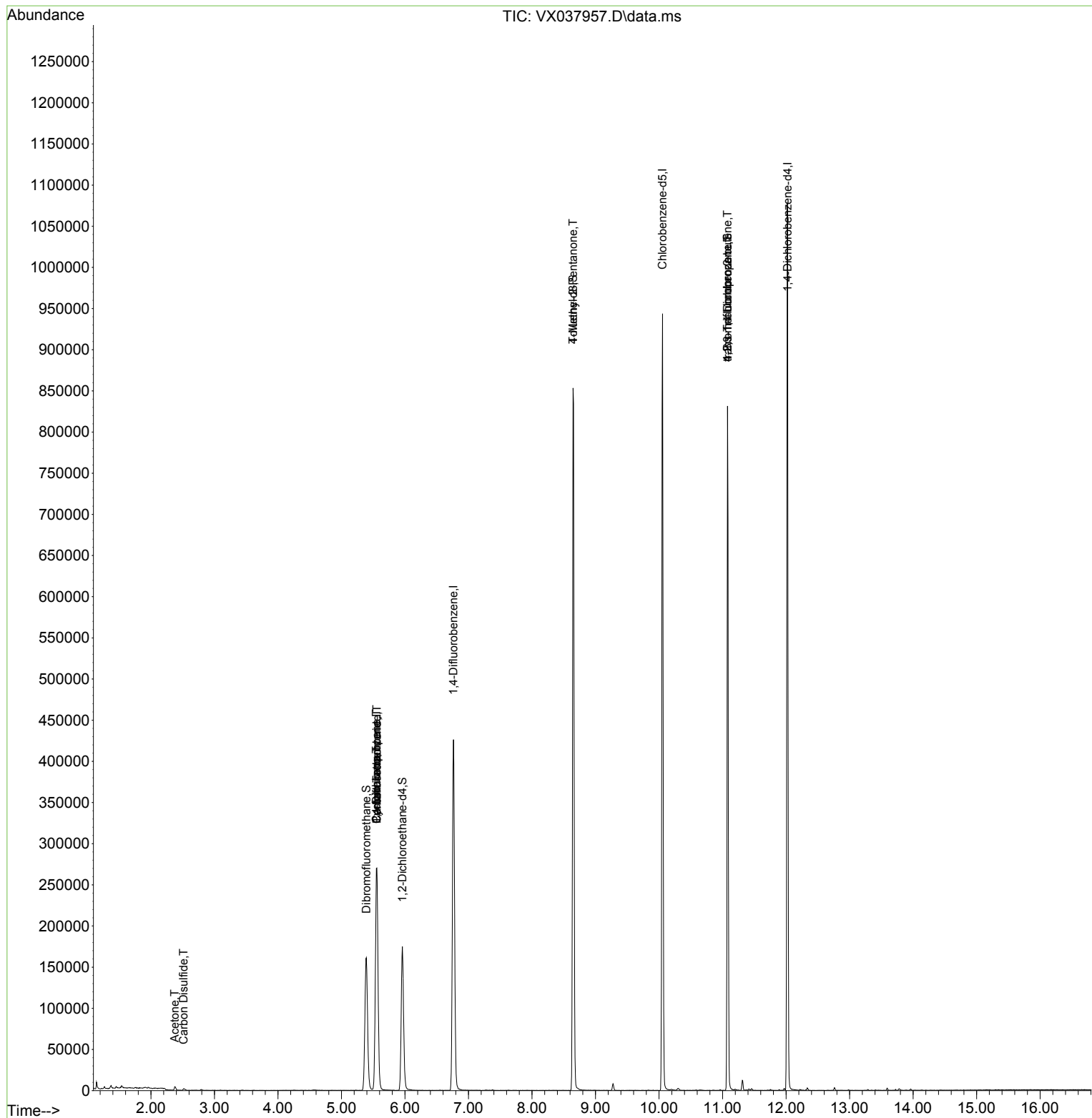
Internal Standards						
1) Pentafluorobenzene	5.556	168	265483	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	452132	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	437129	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	231986	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	163331	46.826	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.660%
35) Dibromofluoromethane	5.391	113	142720	47.176	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.360%
50) Toluene-d8	8.647	98	537102	47.782	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.560%
62) 4-Bromofluorobenzene	11.079	95	209167	51.208	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.420%
Target Compounds						
					Qvalue	
16) Acetone	2.373	43	4649	2.771	ug/l	100
17) Carbon Disulfide	2.514	76	1556	0.240	ug/l	# 84
31) Cyclohexane	5.550	56	5644	1.261	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	20312	4.874	ug/l	# 51
38) Carbon Tetrachloride	5.556	117	26548	6.088	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.647	43	2325	0.500	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	107253	19.989	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	107253	64.032	ug/l	# 5

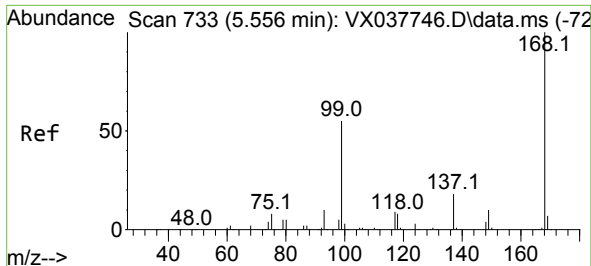
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

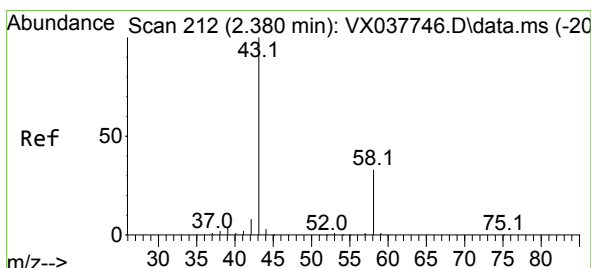
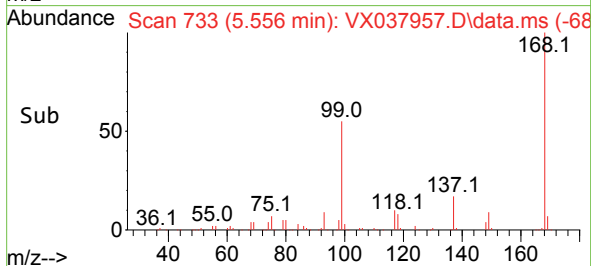
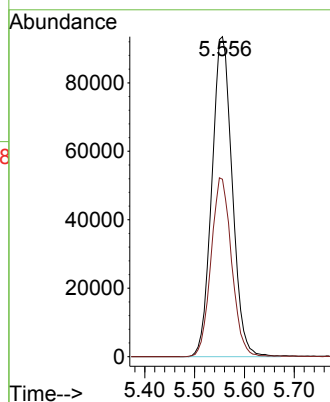
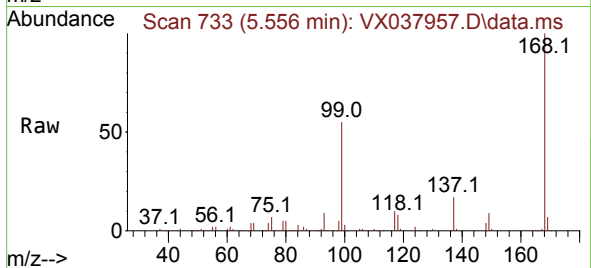




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037957.D
Acq: 28 Sep 2023 18:07

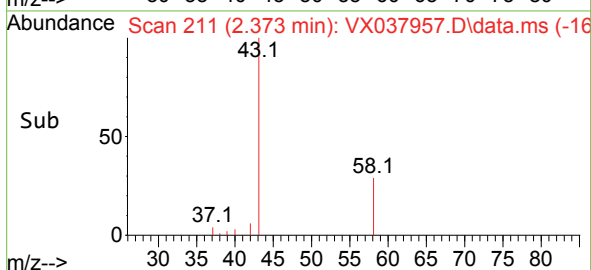
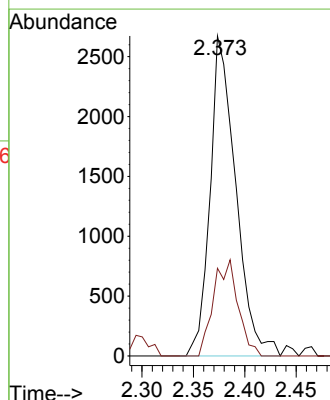
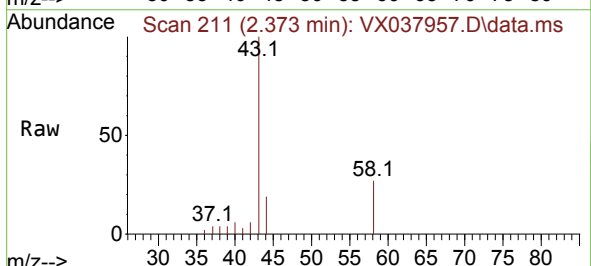
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-GW-540-542

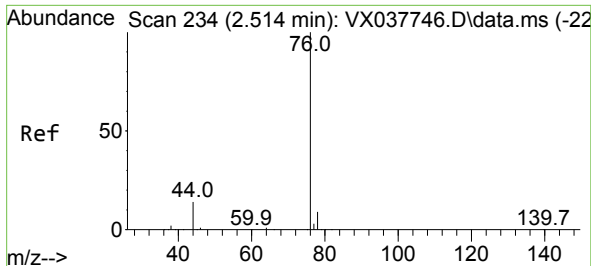
Tgt Ion:168 Resp: 265483
Ion Ratio Lower Upper
168 100
99 55.5 56.6 85.0#



#16
Acetone
Concen: 2.771 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX037957.D
Acq: 28 Sep 2023 18:07

Tgt Ion: 43 Resp: 4649
Ion Ratio Lower Upper
43 100
58 27.4 21.9 32.9

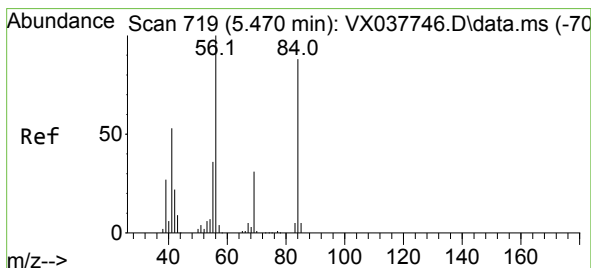
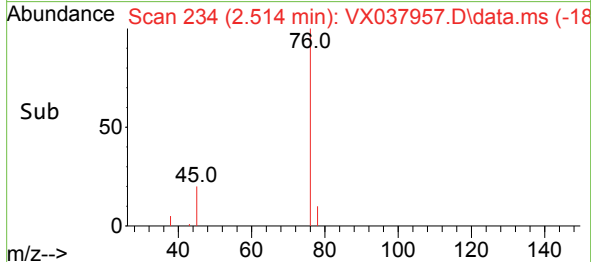
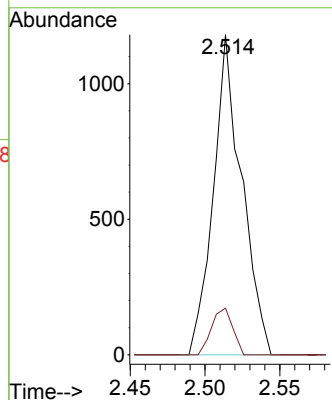
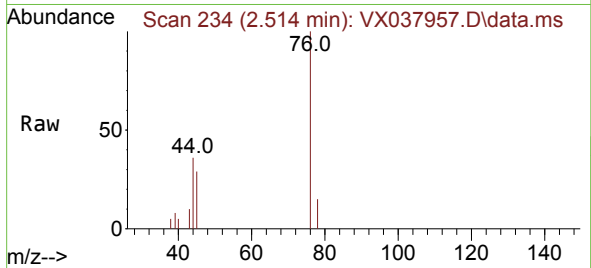




#17
Carbon Disulfide
Concen: 0.240 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX037957.D
Acq: 28 Sep 2023 18:07

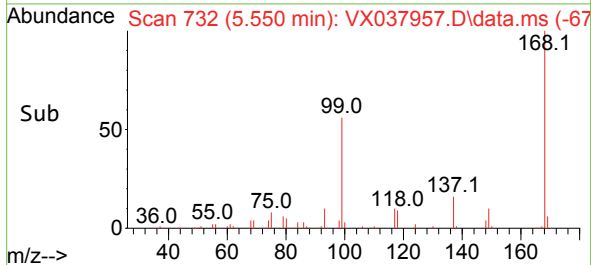
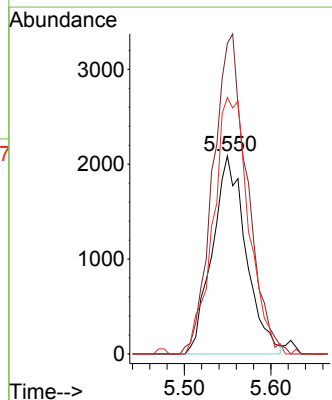
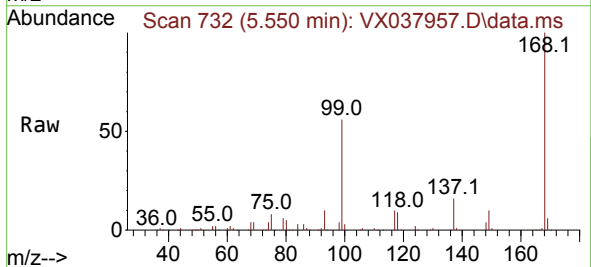
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-GW-540-542

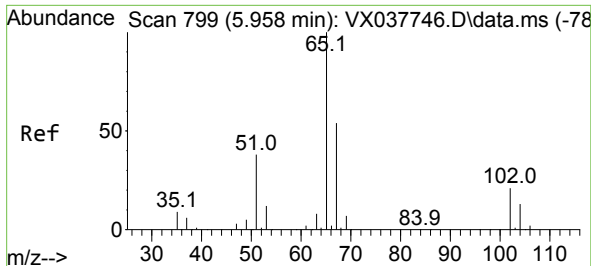
Tgt Ion: 76 Resp: 1556
Ion Ratio Lower Upper
76 100
78 14.6 7.0 10.6#



#31
Cyclohexane
Concen: 1.261 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX037957.D
Acq: 28 Sep 2023 18:07

Tgt Ion: 56 Resp: 5644
Ion Ratio Lower Upper
56 100
69 156.8 23.4 35.2#
84 129.5 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 46.826 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037957.D

Acq: 28 Sep 2023 18:07

Instrument :

MSVOA_X

ClientSampleId :

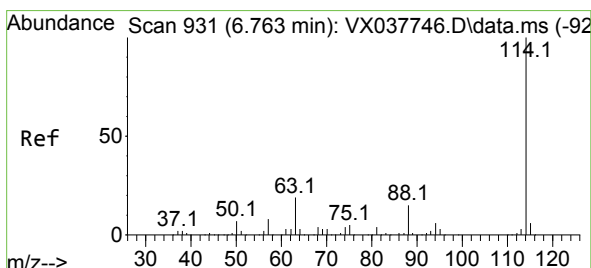
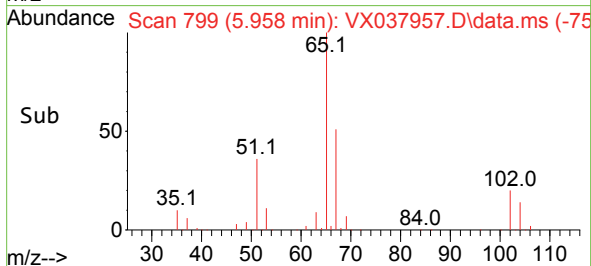
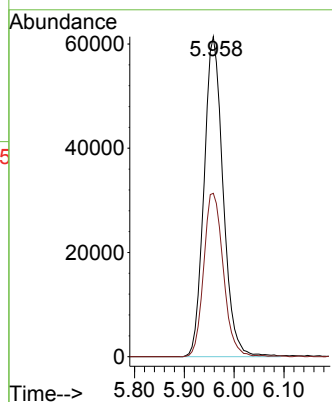
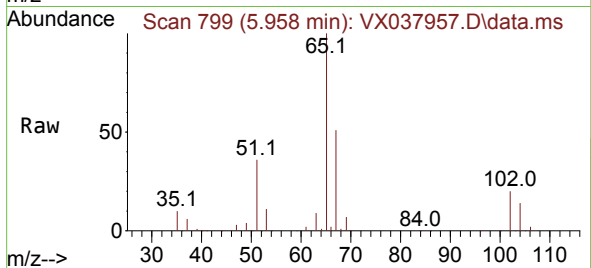
BP-VPB-RW10A-GW-540-542

Tgt Ion: 65 Resp: 163331

Ion Ratio Lower Upper

65 100

67 52.5 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX037957.D

Acq: 28 Sep 2023 18:07

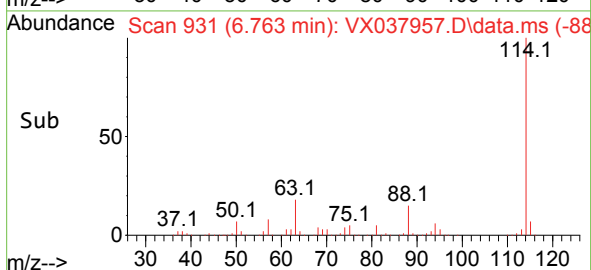
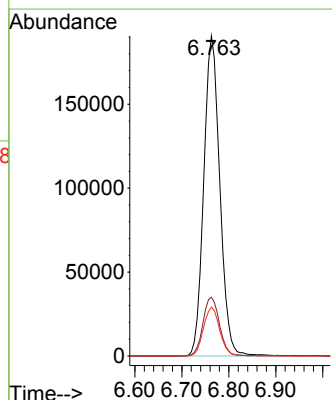
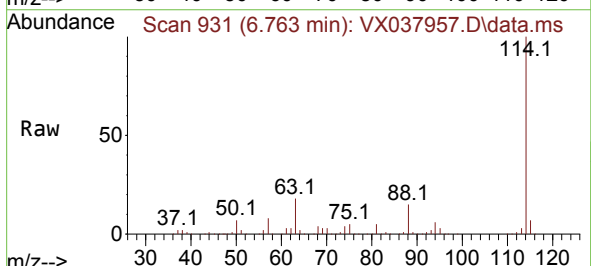
Tgt Ion:114 Resp: 452132

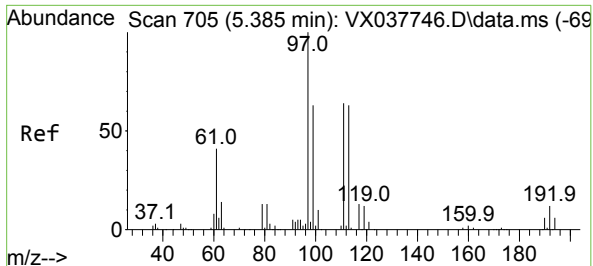
Ion Ratio Lower Upper

114 100

63 18.4 0.0 45.0

88 15.2 0.0 36.6

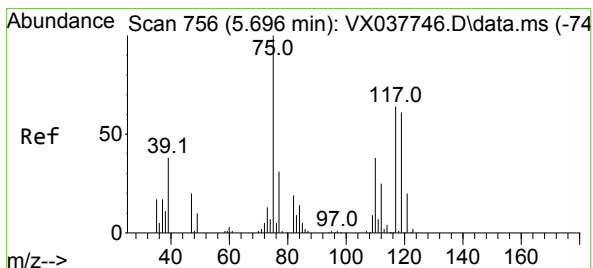
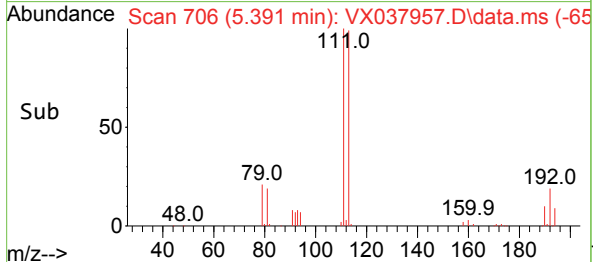
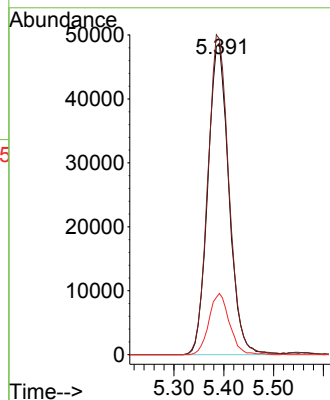
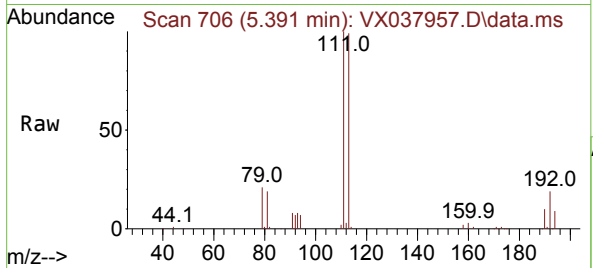




#35
Dibromofluoromethane
Concen: 47.176 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX037957.D
Acq: 28 Sep 2023 18:07

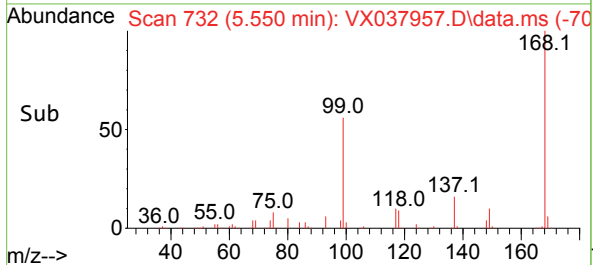
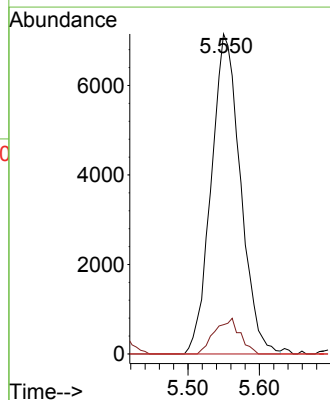
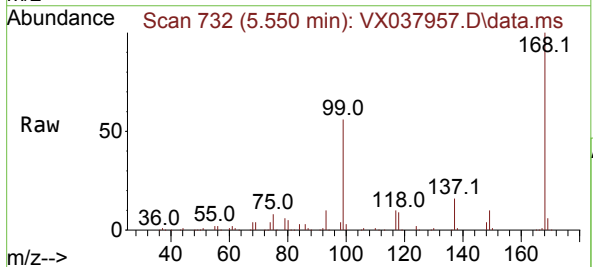
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-GW-540-542

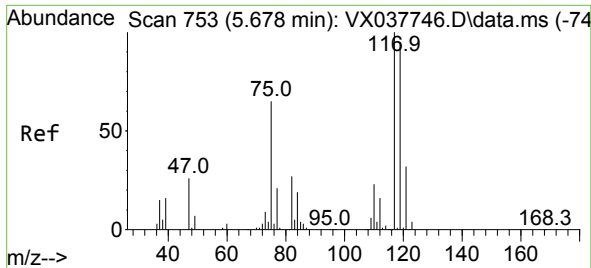
Tgt Ion:113 Resp: 142720
Ion Ratio Lower Upper
113 100
111 103.2 82.9 124.3
192 19.2 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.874 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX037957.D
Acq: 28 Sep 2023 18:07

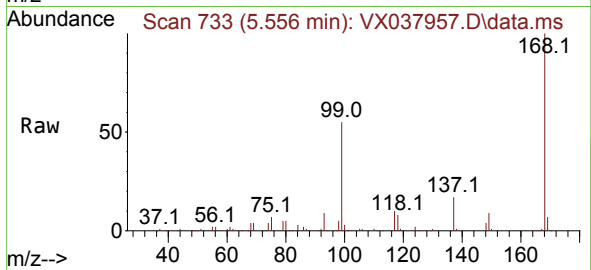
Tgt Ion: 75 Resp: 20312
Ion Ratio Lower Upper
75 100
110 9.6 17.0 50.9#
77 0.0 24.7 37.1#



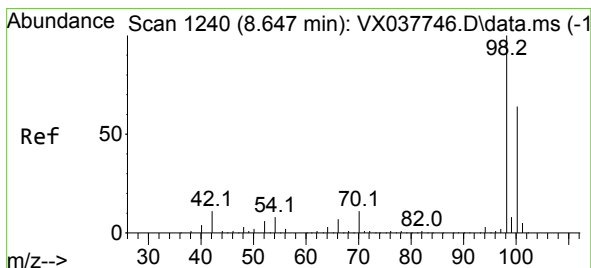
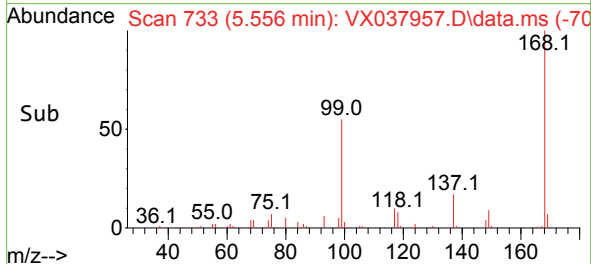
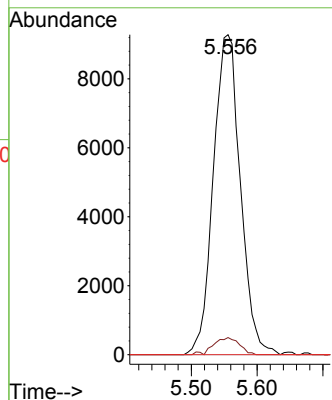


#38
Carbon Tetrachloride
Concen: 6.088 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX037957.D
Acq: 28 Sep 2023 18:07

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-GW-540-542

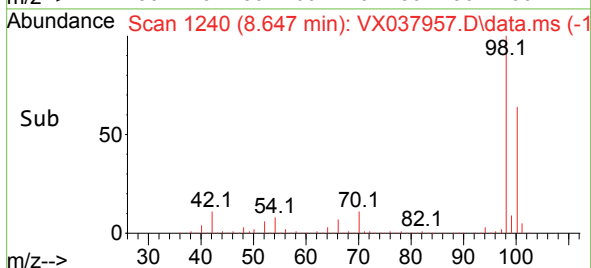
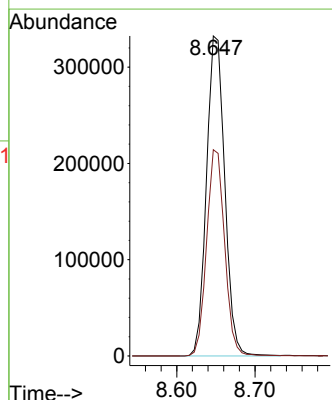
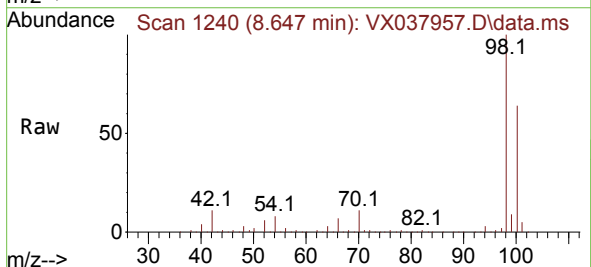


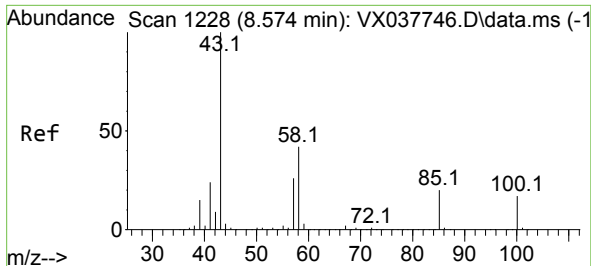
Tgt Ion:117 Resp: 26548
Ion Ratio Lower Upper
117 100
119 5.4 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 47.782 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037957.D
Acq: 28 Sep 2023 18:07

Tgt Ion: 98 Resp: 537102
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7

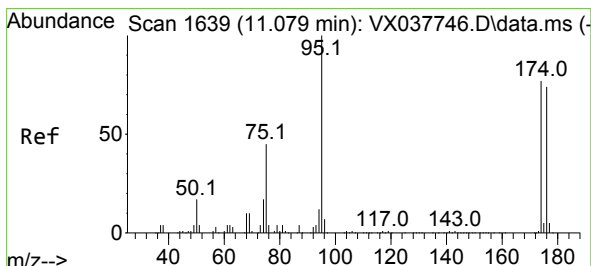
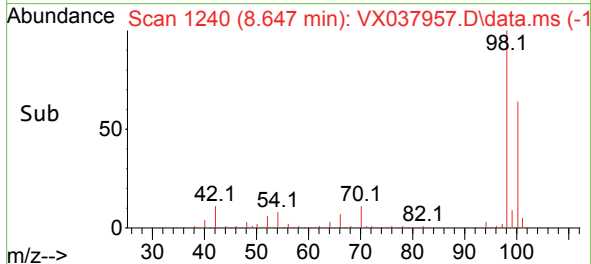
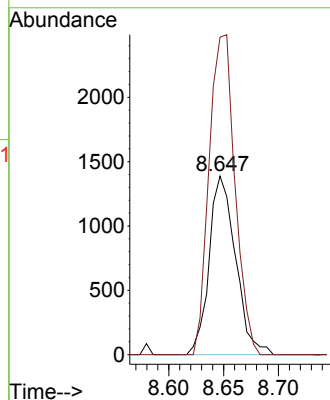
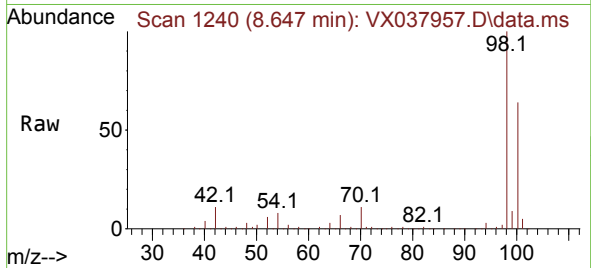




#51
4-Methyl-2-Pentanone
Concen: 0.500 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX037957.D
Acq: 28 Sep 2023 18:07

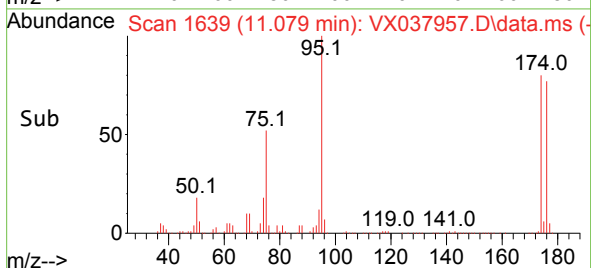
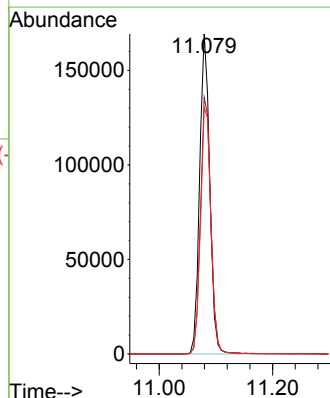
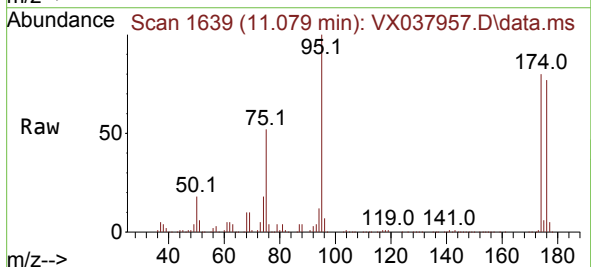
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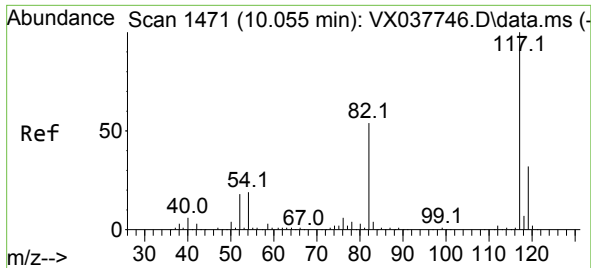
Tgt Ion: 43 Resp: 2325
Ion Ratio Lower Upper
43 100
58 175.9 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 51.208 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037957.D
Acq: 28 Sep 2023 18:07

Tgt Ion: 95 Resp: 209167
Ion Ratio Lower Upper
95 100
174 82.6 0.0 135.6
176 79.7 0.0 131.0

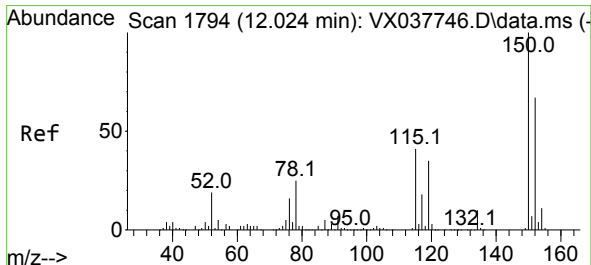
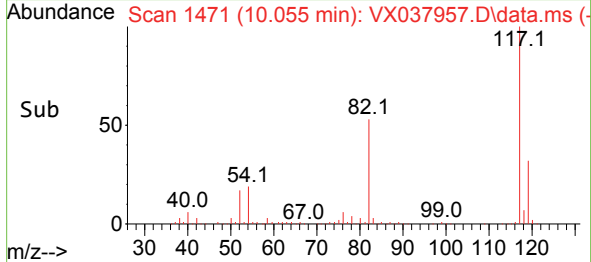
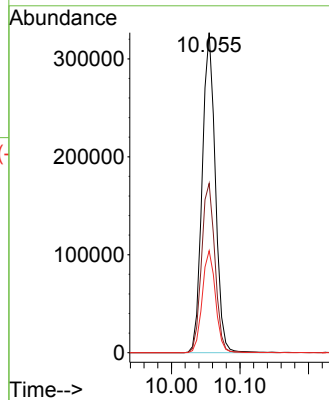
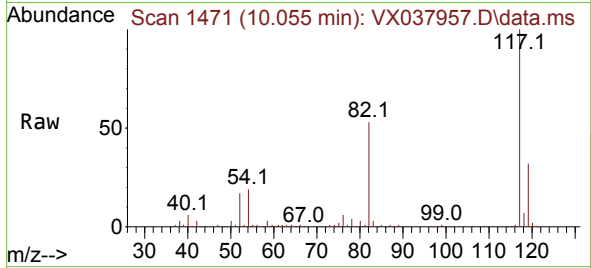




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037957.D
Acq: 28 Sep 2023 18:07

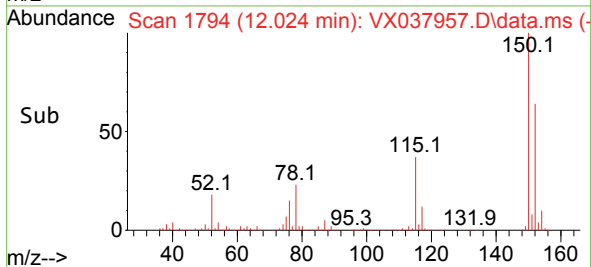
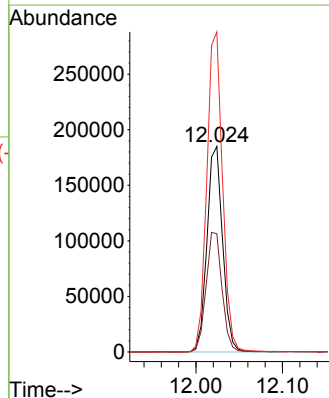
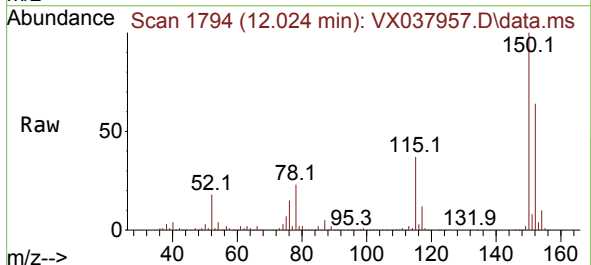
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-GW-540-542

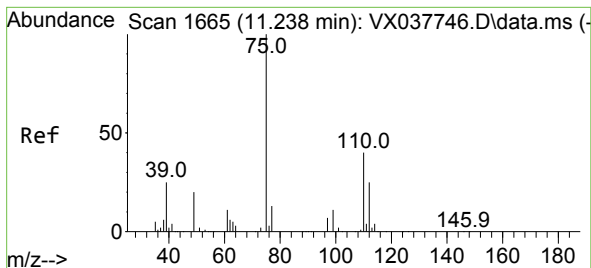
Tgt Ion:117	Resp: 437129
Ion Ratio	Lower Upper
117 100	
82 52.9	46.2 69.4
119 31.9	25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037957.D
Acq: 28 Sep 2023 18:07

Tgt Ion:152	Resp: 231986
Ion Ratio	Lower Upper
152 100	
115 59.5	43.3 129.9
150 156.5	0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 19.989 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX037957.D

Acq: 28 Sep 2023 18:07

Instrument :

MSVOA_X

ClientSampleId :

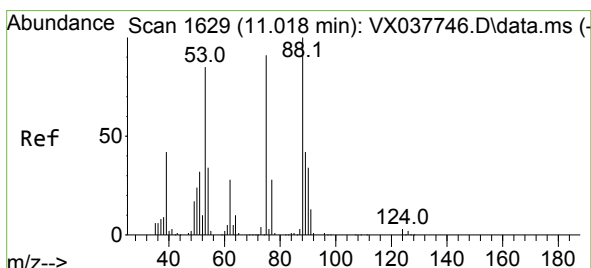
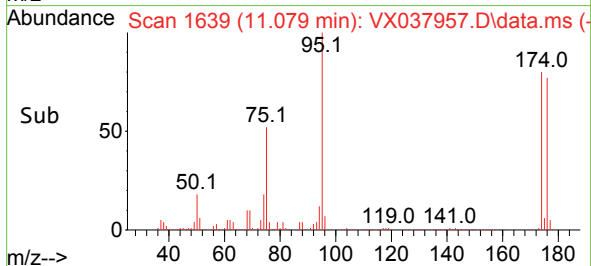
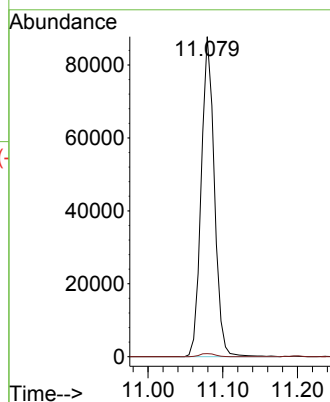
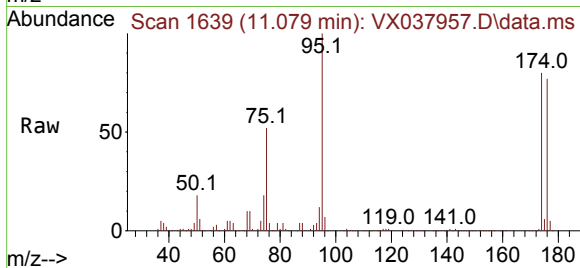
BP-VPB-RW10A-GW-540-542

Tgt Ion: 75 Resp: 107253

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 64.032 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX037957.D

Acq: 28 Sep 2023 18:07

Tgt Ion: 75 Resp: 107253

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

