

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092923\
 Data File : VX037979.D
 Acq On : 29 Sep 2023 16:33
 Operator : JC/MD
 Sample : 04656-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-104D

Quant Time: Sep 29 23:07:13 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)

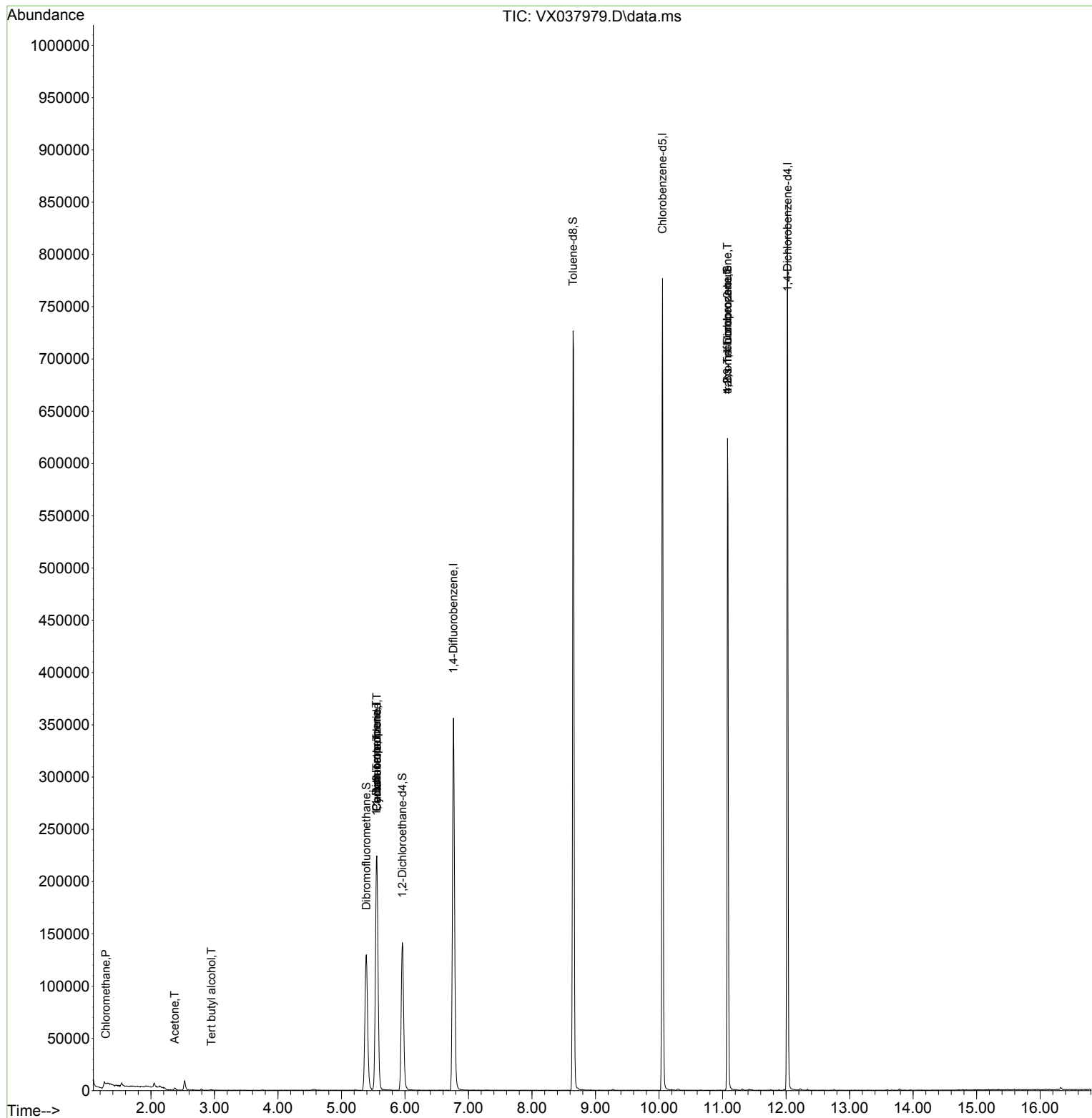
Internal Standards						
1) Pentafluorobenzene	5.556	168	217918	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	367013	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	351141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	182260	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	135694	47.394	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	94.780%	
35) Dibromofluoromethane	5.391	113	114894	46.787	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	93.580%	
50) Toluene-d8	8.647	98	448965	49.205	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	98.400%	
62) 4-Bromofluorobenzene	11.079	95	163055	49.177	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	98.360%	
Target Compounds						
						Qvalue
3) Chloromethane	1.288	50	587	0.235	ug/l	# 43
11) Tert butyl alcohol	2.953	59	470	0.765	ug/l	# 78
16) Acetone	2.374	43	2284	1.658	ug/l	99
31) Cyclohexane	5.556	56	4818	1.311	ug/l	# 15
36) 1,1-Dichloropropene	5.550	75	16253	4.805	ug/l	# 50
38) Carbon Tetrachloride	5.556	117	22334	6.310	ug/l	# 15
76) 1,2,3-Trichloropropane	11.079	75	83912	19.906	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	83912	63.765	ug/l	# 5

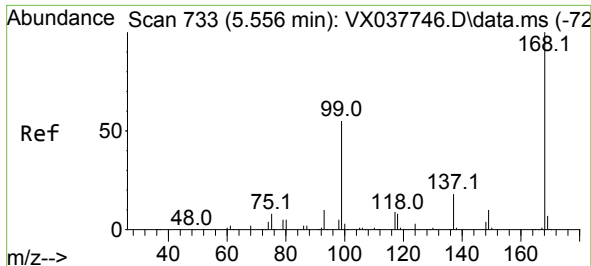
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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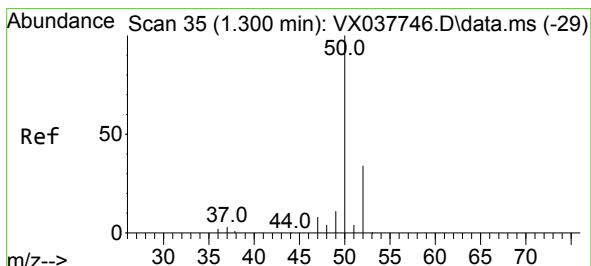
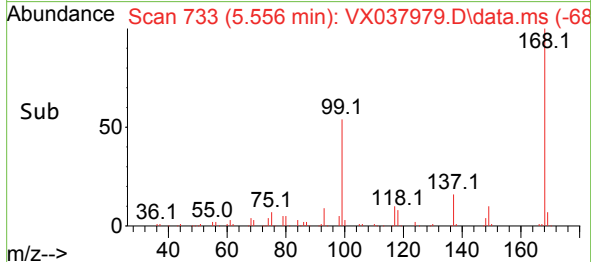
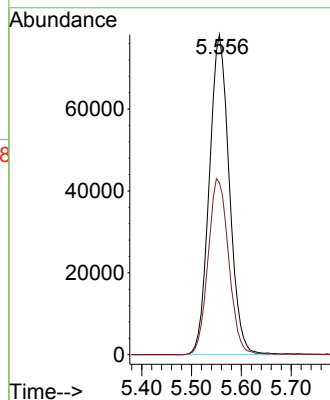
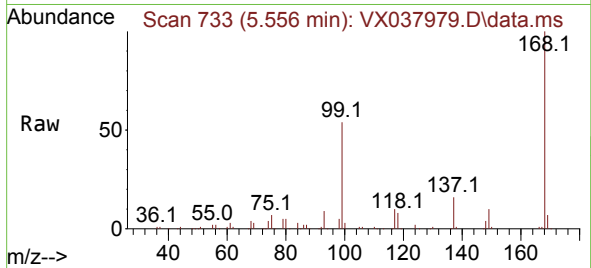




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037979.D
Acq: 29 Sep 2023 16:33

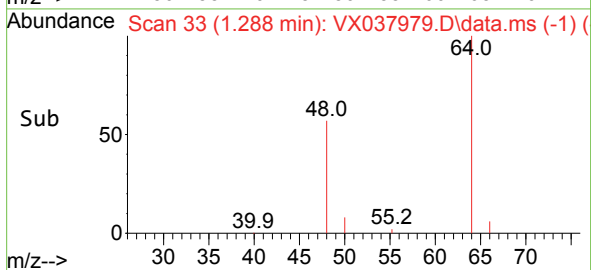
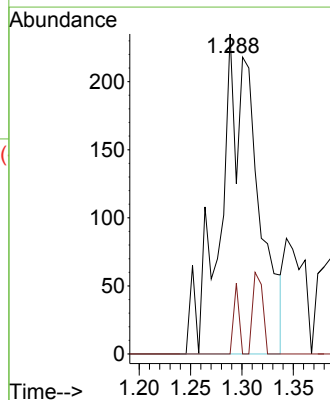
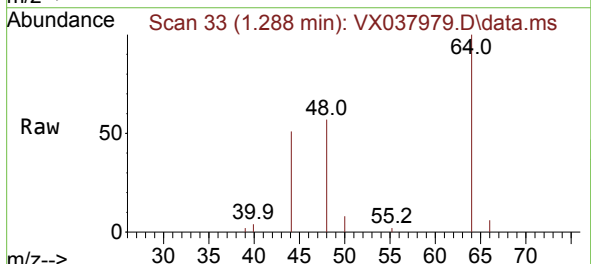
Instrument :
MSVOA_X
ClientSampleId :
MW-104D

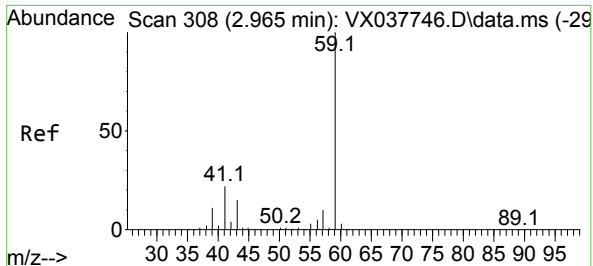
Tgt Ion:168 Resp: 217918
Ion Ratio Lower Upper
168 100
99 53.7 56.6 85.0#



#3
Chloromethane
Concen: 0.235 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.012 min
Lab File: VX037979.D
Acq: 29 Sep 2023 16:33

Tgt Ion: 50 Resp: 587
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#





#11

Tert butyl alcohol

Concen: 0.765 ug/l

RT: 2.953 min Scan# 308

Delta R.T. -0.012 min

Lab File: VX037979.D

Acq: 29 Sep 2023 16:33

Instrument :

MSVOA_X

ClientSampleId :

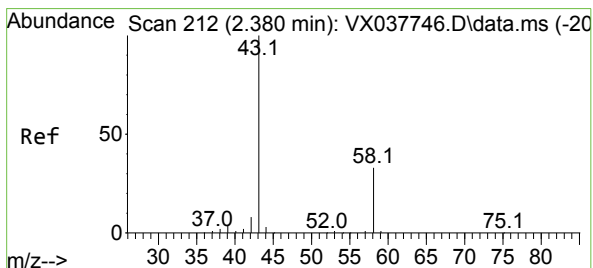
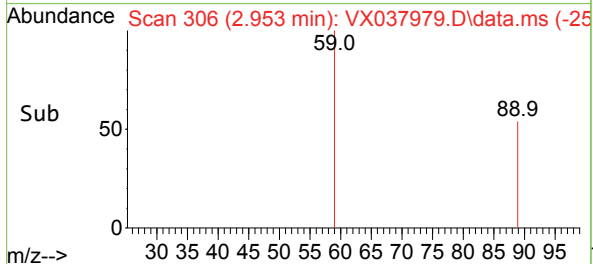
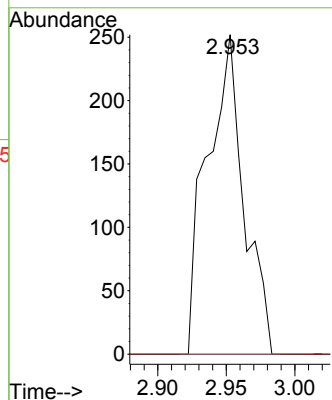
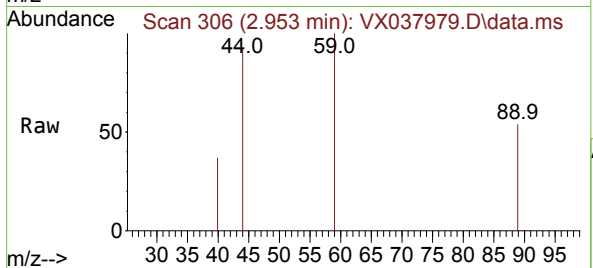
MW-104D

Tgt Ion: 59 Resp: 470

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 1.658 ug/l

RT: 2.374 min Scan# 211

Delta R.T. -0.006 min

Lab File: VX037979.D

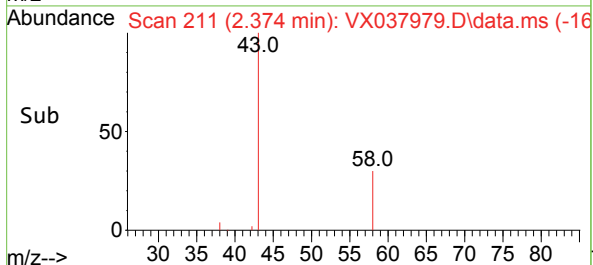
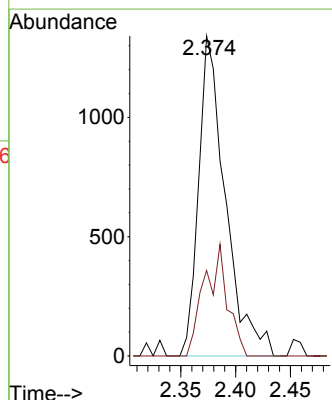
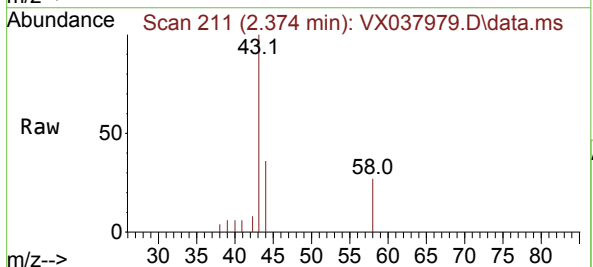
Acq: 29 Sep 2023 16:33

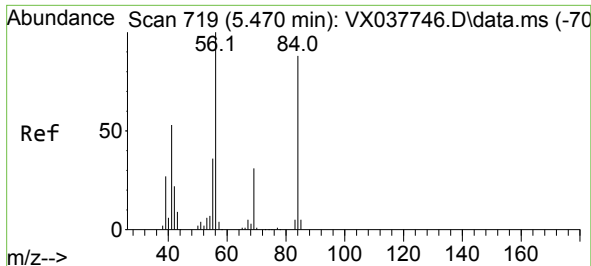
Tgt Ion: 43 Resp: 2284

Ion Ratio Lower Upper

43 100

58 26.8 21.9 32.9

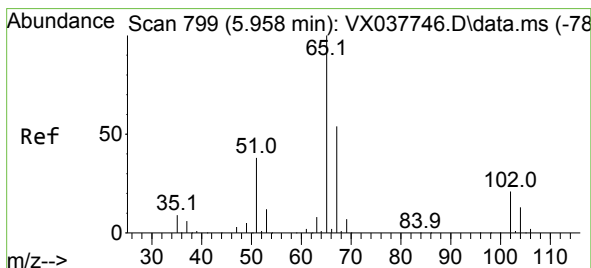
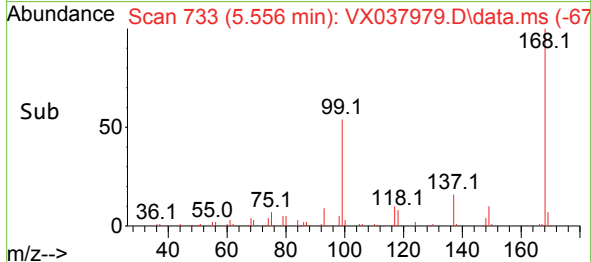
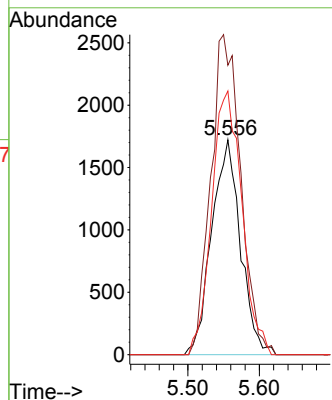
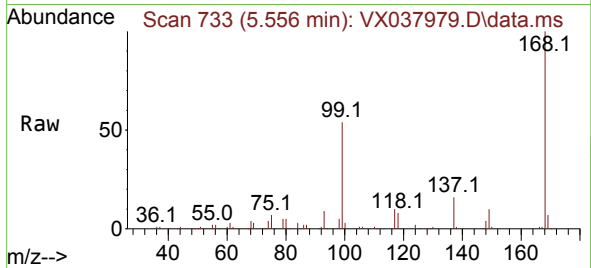




#31
Cyclohexane
Concen: 1.311 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX037979.D
Acq: 29 Sep 2023 16:33

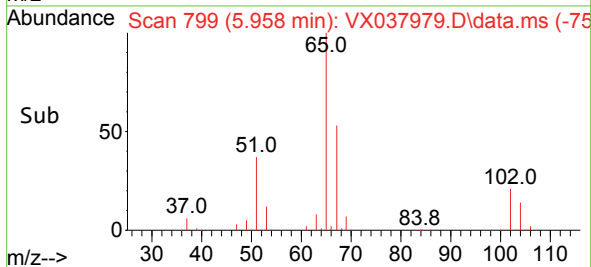
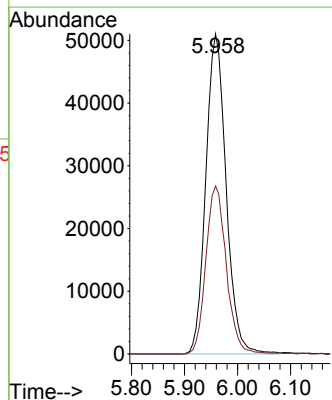
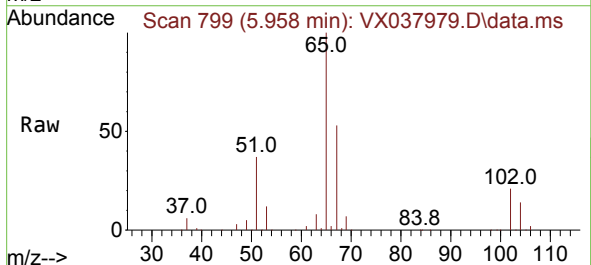
Instrument :
MSVOA_X
ClientSampleId :
MW-104D

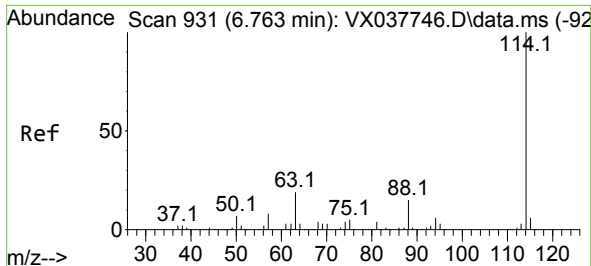
Tgt Ion: 56 Resp: 4818
Ion Ratio Lower Upper
56 100
69 134.7 23.4 35.2#
84 122.8 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 47.394 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037979.D
Acq: 29 Sep 2023 16:33

Tgt Ion: 65 Resp: 135694
Ion Ratio Lower Upper
65 100
67 53.0 0.0 100.2

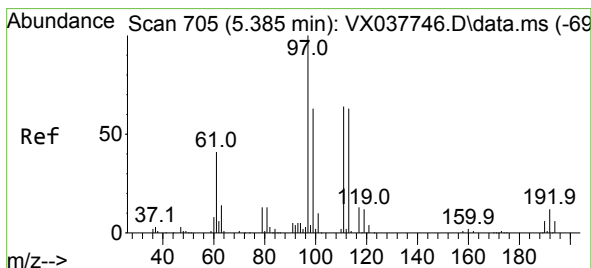
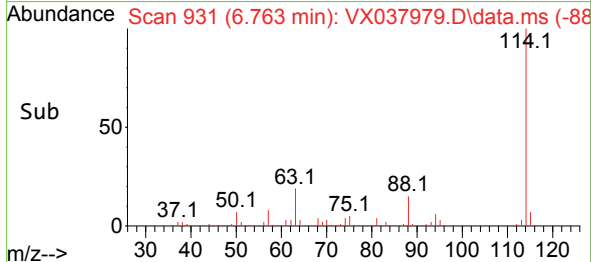
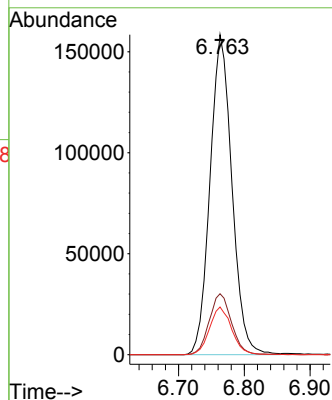
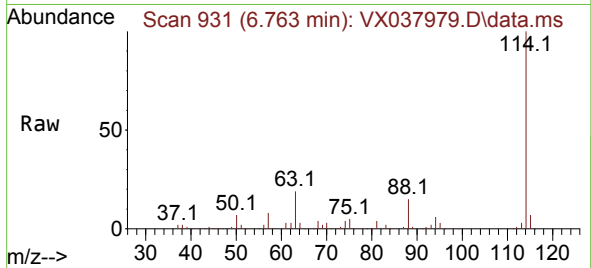




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037979.D
Acq: 29 Sep 2023 16:33

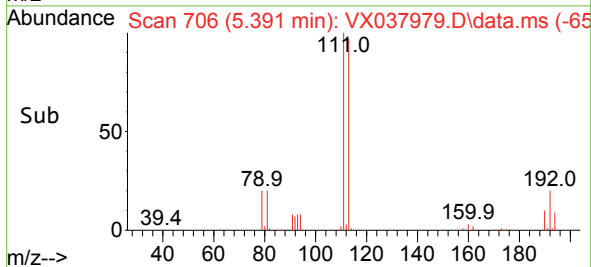
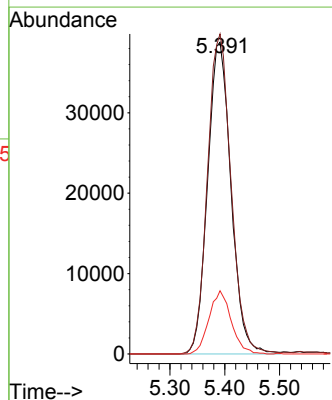
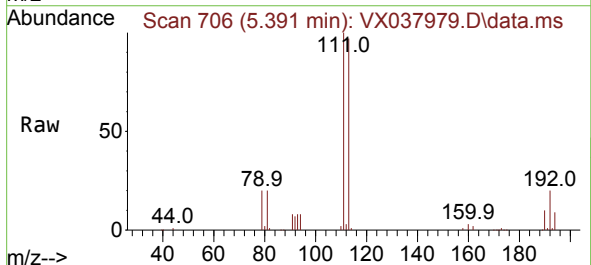
Instrument :
MSVOA_X
ClientSampleId :
MW-104D

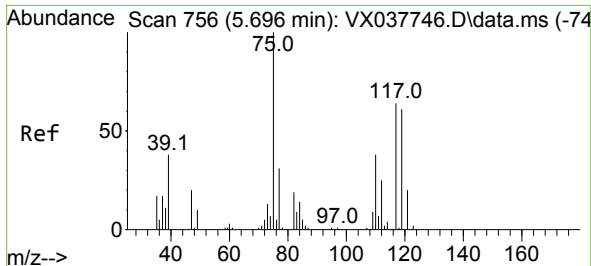
Tgt Ion:114 Resp: 367013
Ion Ratio Lower Upper
114 100
63 19.0 0.0 45.0
88 14.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.787 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX037979.D
Acq: 29 Sep 2023 16:33

Tgt Ion:113 Resp: 114894
Ion Ratio Lower Upper
113 100
111 103.5 82.9 124.3
192 19.3 13.3 19.9

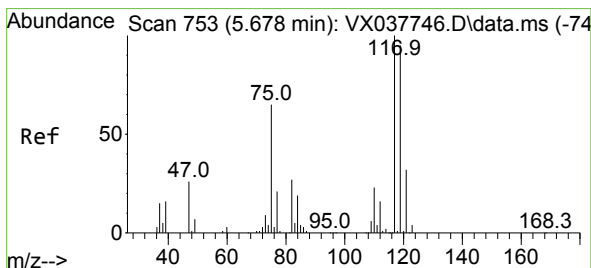
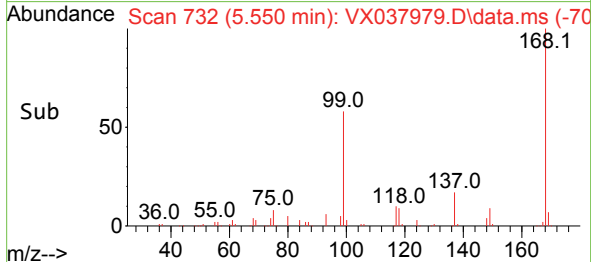
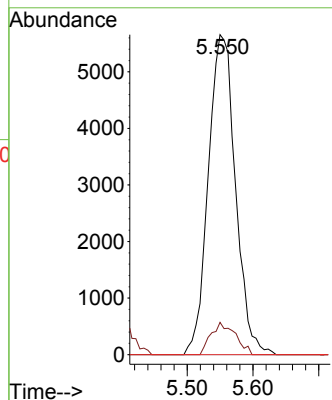
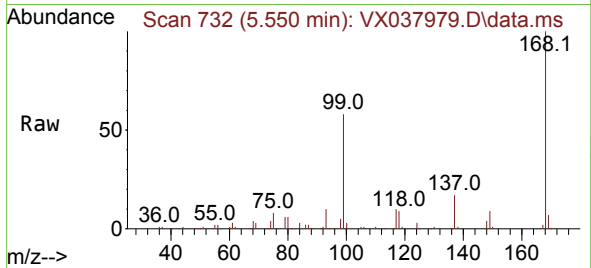




#36
1,1-Dichloropropene
Concen: 4.805 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX037979.D
Acq: 29 Sep 2023 16:33

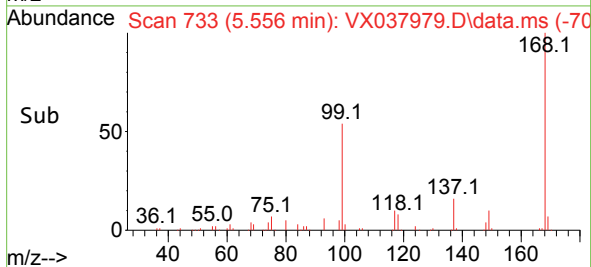
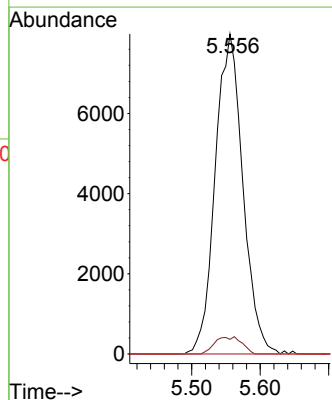
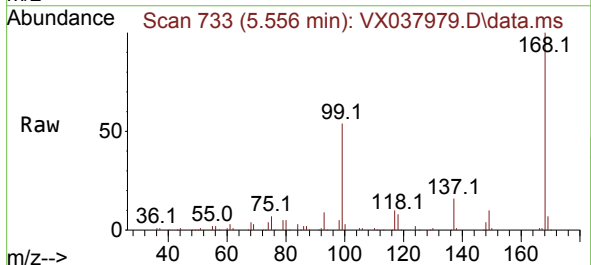
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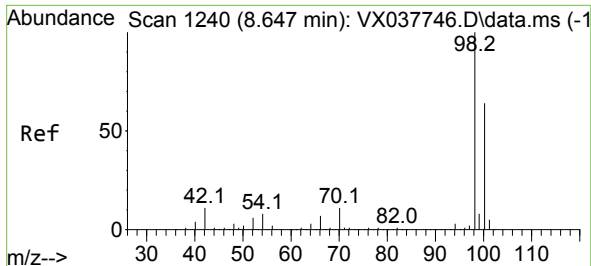
Tgt Ion: 75 Resp: 16253
Ion Ratio Lower Upper
75 100
110 9.1 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.310 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX037979.D
Acq: 29 Sep 2023 16:33

Tgt Ion: 117 Resp: 22334
Ion Ratio Lower Upper
117 100
119 4.6 78.2 117.2#
121 0.0 24.4 36.6#

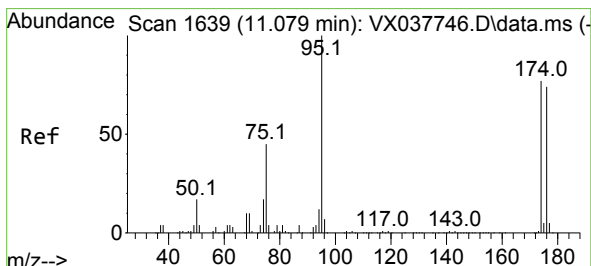
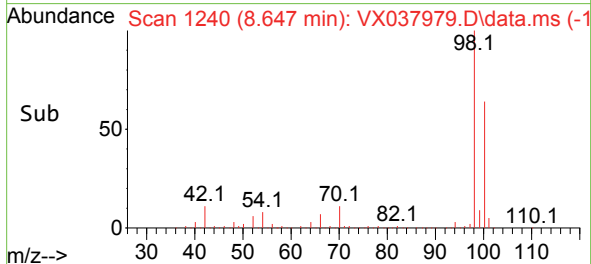
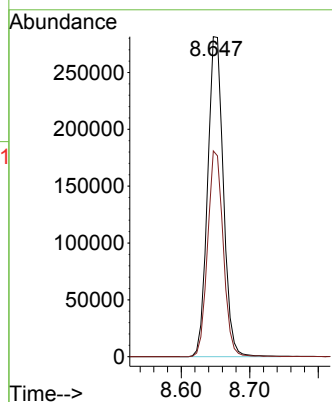
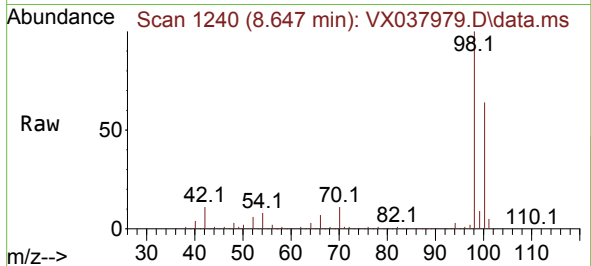




#50
Toluene-d8
Concen: 49.205 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037979.D
Acq: 29 Sep 2023 16:33

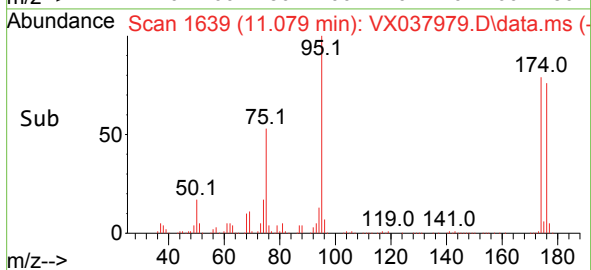
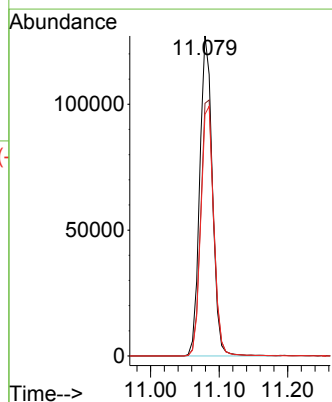
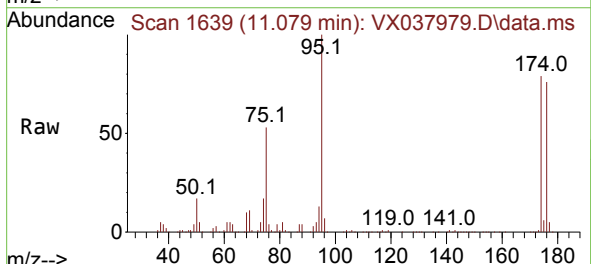
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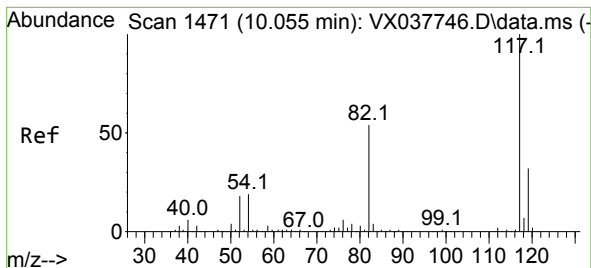
Tgt Ion: 98 Resp: 448965
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 49.177 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037979.D
Acq: 29 Sep 2023 16:33

Tgt Ion: 95 Resp: 163055
Ion Ratio Lower Upper
95 100
174 82.8 0.0 135.6
176 80.3 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: VX037979.D

Acq: 29 Sep 2023 16:33

Instrument :

MSVOA_X

ClientSampleId :

MW-104D

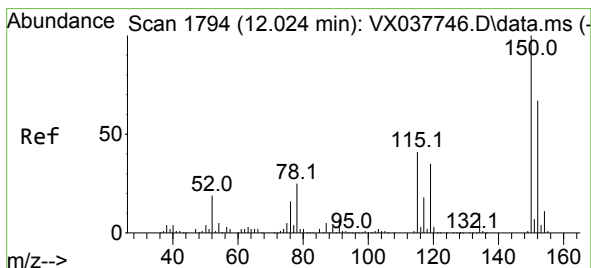
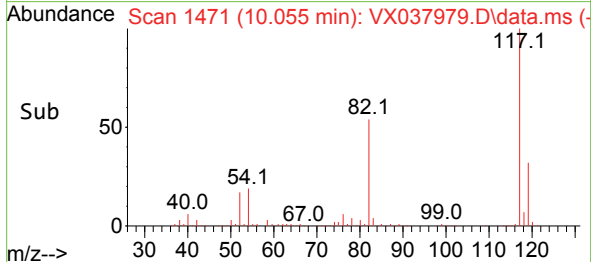
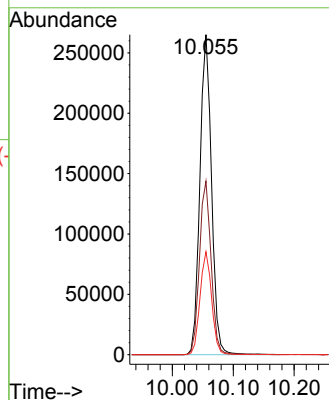
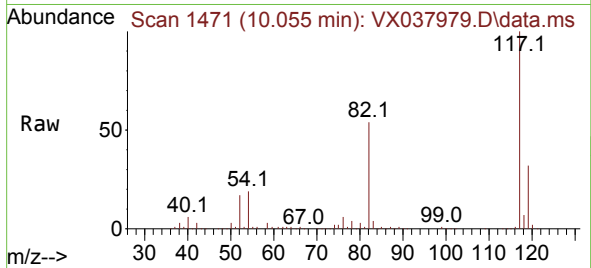
Tgt Ion:117 Resp: 351141

Ion Ratio Lower Upper

117 100

82 54.2 46.2 69.4

119 32.1 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: VX037979.D

Acq: 29 Sep 2023 16:33

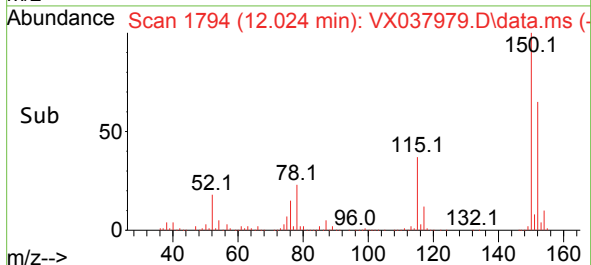
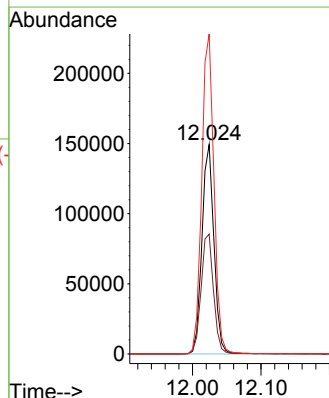
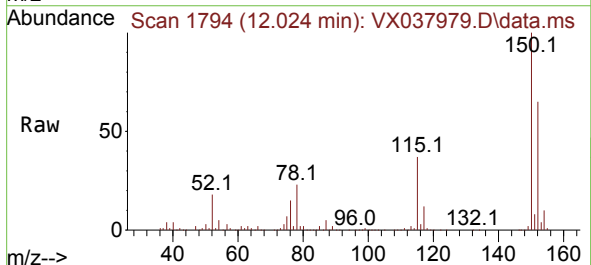
Tgt Ion:152 Resp: 182260

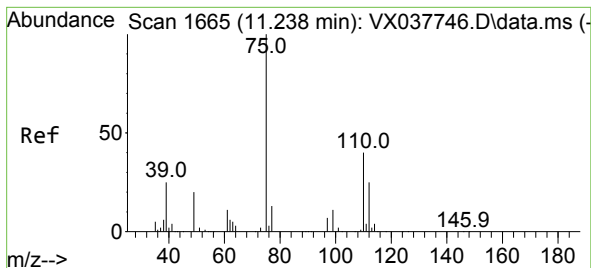
Ion Ratio Lower Upper

152 100

115 59.3 43.3 129.9

150 155.2 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 19.906 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX037979.D

Acq: 29 Sep 2023 16:33

Instrument :

MSVOA_X

ClientSampleId :

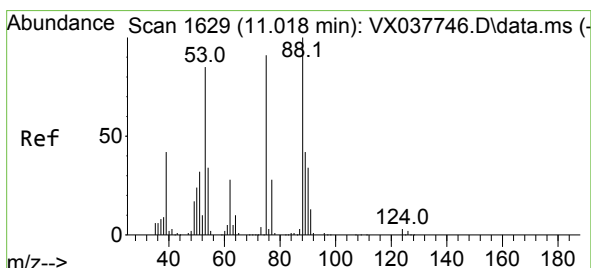
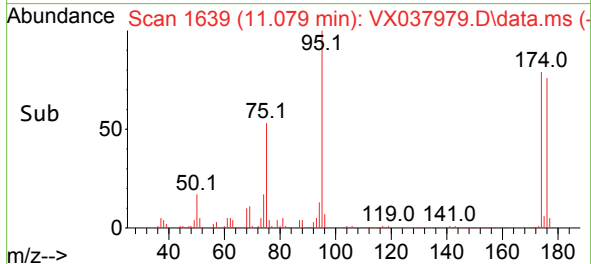
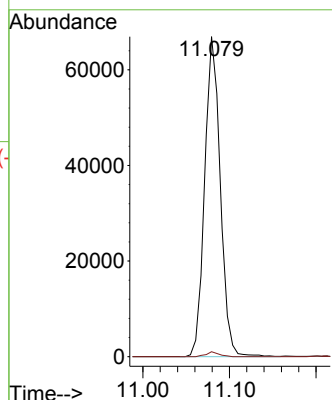
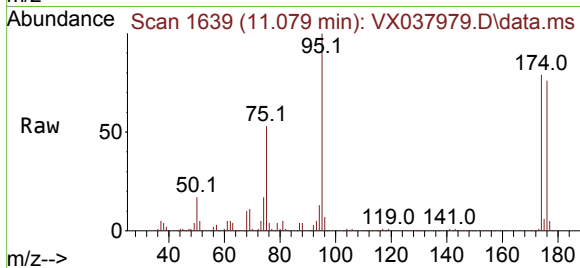
MW-104D

Tgt Ion: 75 Resp: 83912

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 63.765 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX037979.D

Acq: 29 Sep 2023 16:33

Tgt Ion: 75 Resp: 83912

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

