

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092923\
 Data File : VX037971.D
 Acq On : 29 Sep 2023 13:27
 Operator : JC/MD
 Sample : 04656-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-106I

Quant Time: Sep 29 23:04:06 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)

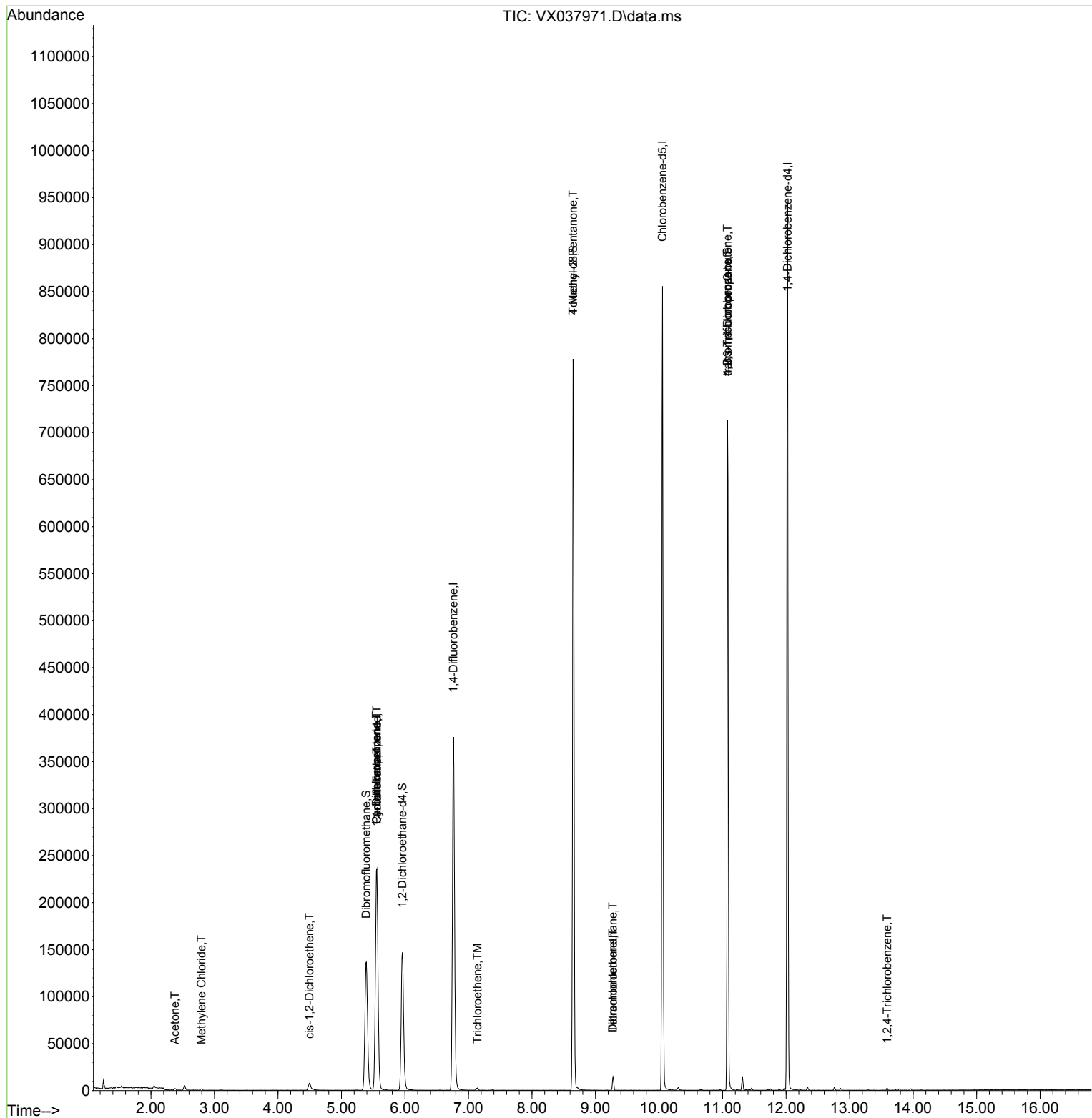
Internal Standards						
1) Pentafluorobenzene	5.556	168	228988	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	390551	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	384829	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	206139	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	140487	46.696	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.400%
35) Dibromofluoromethane	5.385	113	121508	46.498	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.000%
50) Toluene-d8	8.647	98	484539	49.903	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.800%
62) 4-Bromofluorobenzene	11.079	95	183023	51.873	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.740%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	1763	1.218	ug/l	94
20) Methylene Chloride	2.794	84	704	0.238	ug/l	93
27) cis-1,2-Dichloroethene	4.495	96	5116	1.682	ug/l	81
31) Cyclohexane	5.556	56	5192	1.345	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	17305	4.807	ug/l	# 51
38) Carbon Tetrachloride	5.556	117	23400	6.213	ug/l	# 15
44) Trichloroethene	7.141	130	1271	0.412	ug/l	72
51) 4-Methyl-2-Pentanone	8.647	43	2022	0.504	ug/l	# 1
60) Dibromochloromethane	9.275	129	858	0.286	ug/l	# 11
64) Tetrachloroethene	9.275	164	1049	0.400	ug/l	# 90
76) 1,2,3-Trichloropropane	11.079	75	93323	19.574	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	93323	62.701	ug/l	# 5
93) 1,2,4-Trichlorobenzene	13.591	180	864	0.206	ug/l	88

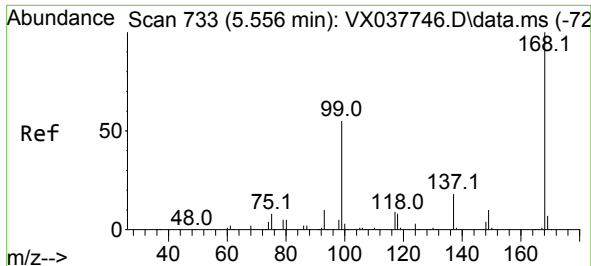
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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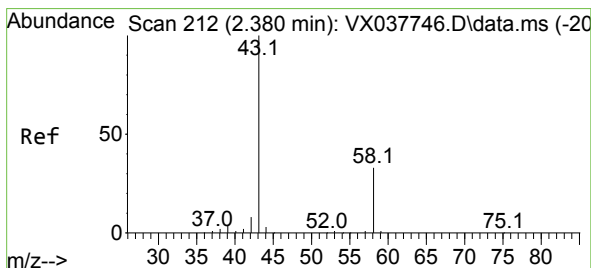
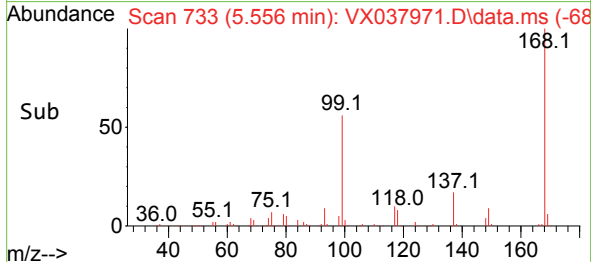
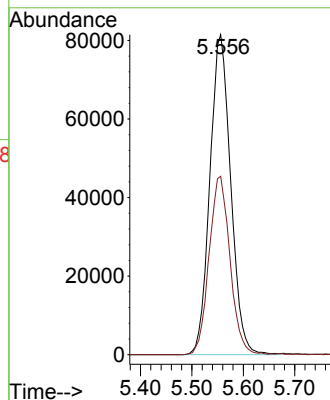
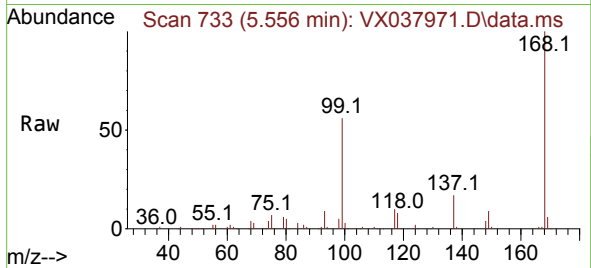




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037971.D
Acq: 29 Sep 2023 13:27

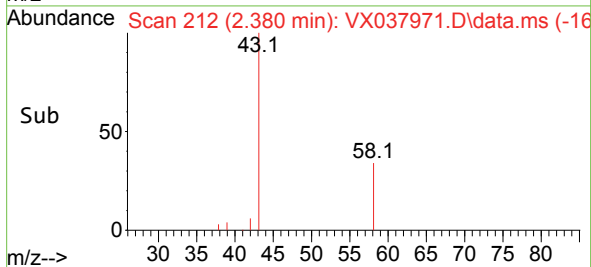
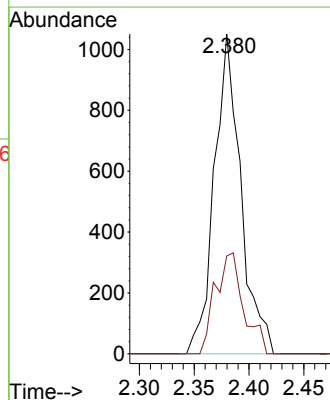
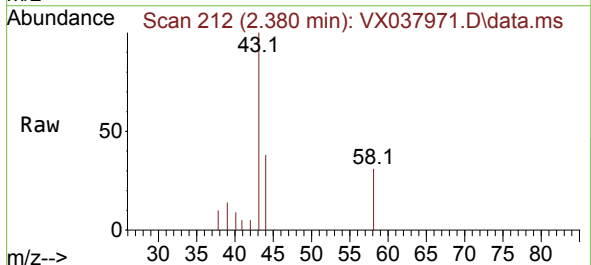
Instrument :
MSVOA_X
ClientSampleId :
MW-106I

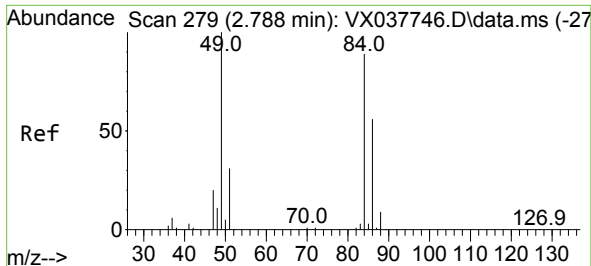
Tgt Ion:168 Resp: 228988
Ion Ratio Lower Upper
168 100
99 55.7 56.6 85.0#



#16
Acetone
Concen: 1.218 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX037971.D
Acq: 29 Sep 2023 13:27

Tgt Ion: 43 Resp: 1763
Ion Ratio Lower Upper
43 100
58 30.6 21.9 32.9

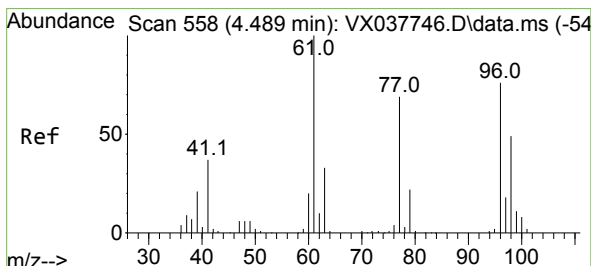
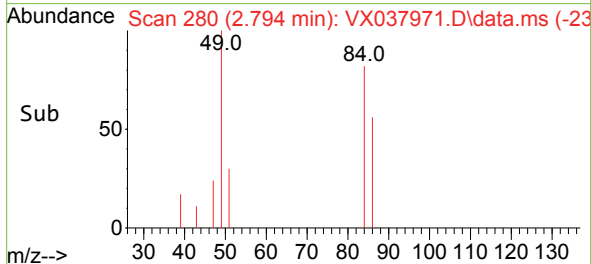
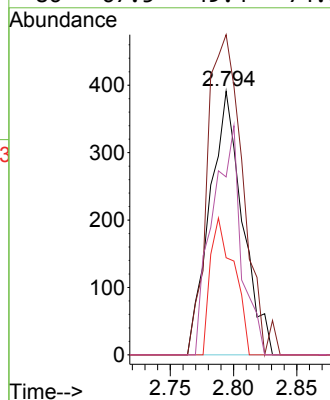
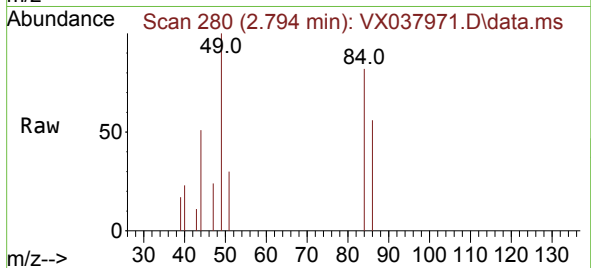




#20
Methylene Chloride
Concen: 0.238 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX037971.D
Acq: 29 Sep 2023 13:27

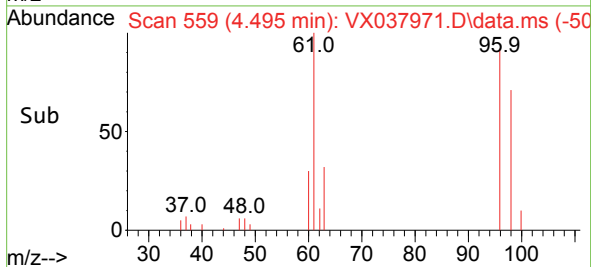
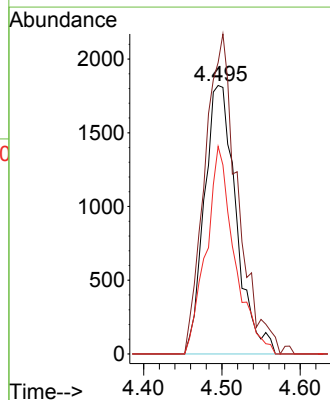
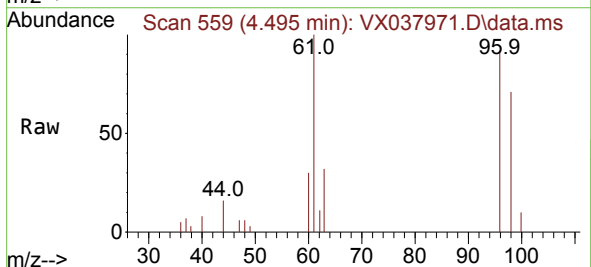
Instrument :
MSVOA_X
ClientSampleId :
MW-106I

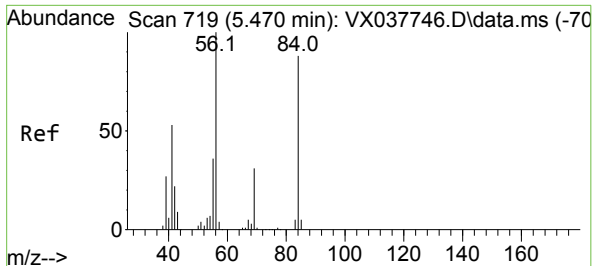
Tgt Ion: 84	Resp:	704	
Ion	Ratio	Lower	Upper
84	100		
49	121.5	103.6	155.4
51	36.8	33.8	50.6
86	67.5	49.4	74.0



#27
cis-1,2-Dichloroethene
Concen: 1.682 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX037971.D
Acq: 29 Sep 2023 13:27

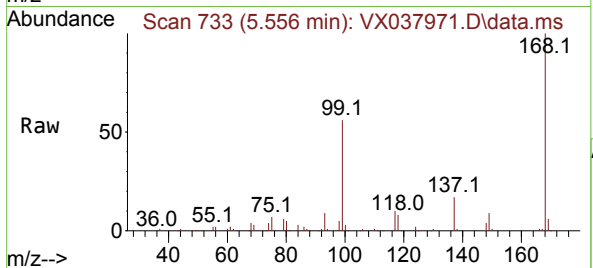
Tgt Ion: 96	Resp:	5116	
Ion	Ratio	Lower	Upper
96	100		
61	124.5	0.0	312.2
98	69.2	0.0	129.0



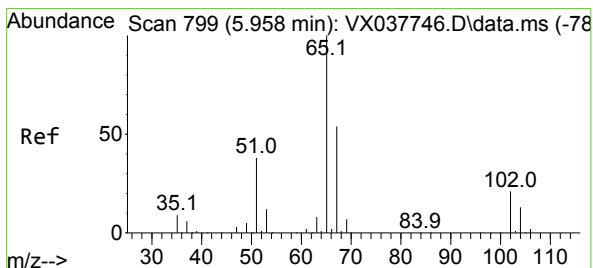
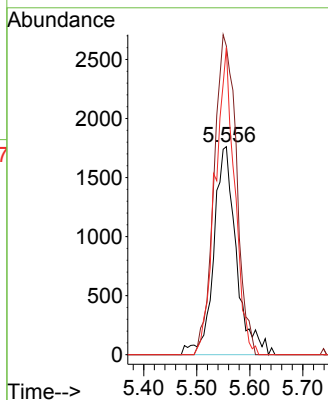
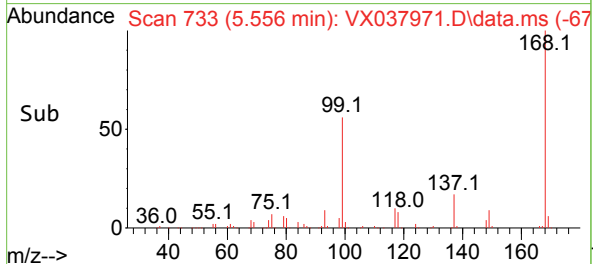


#31
Cyclohexane
Concen: 1.345 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX037971.D
Acq: 29 Sep 2023 13:27

Instrument :
MSVOA_X
ClientSampleId :
MW-106I

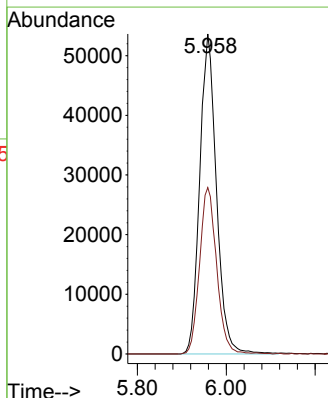
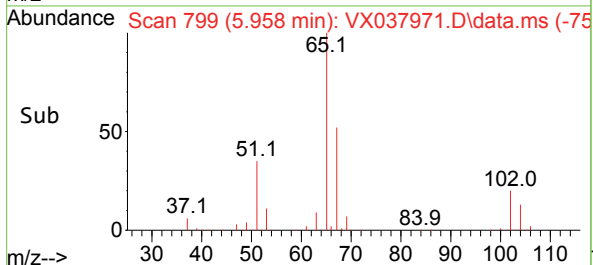
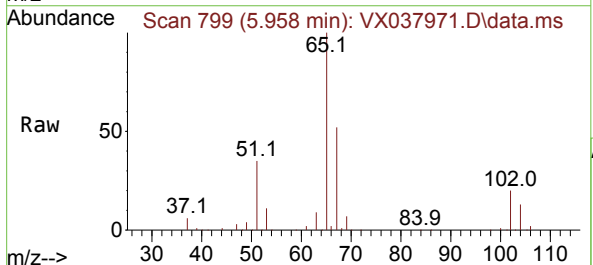


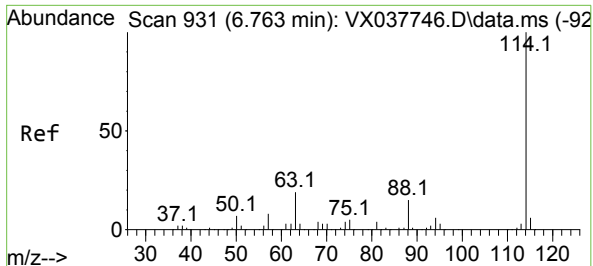
Tgt Ion: 56 Resp: 5192
Ion Ratio Lower Upper
56 100
69 148.4 23.4 35.2#
84 147.8 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.696 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037971.D
Acq: 29 Sep 2023 13:27

Tgt Ion: 65 Resp: 140487
Ion Ratio Lower Upper
65 100
67 53.0 0.0 100.2

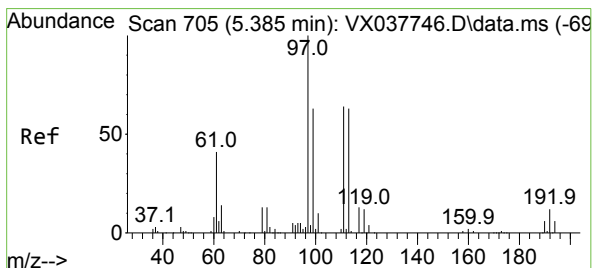
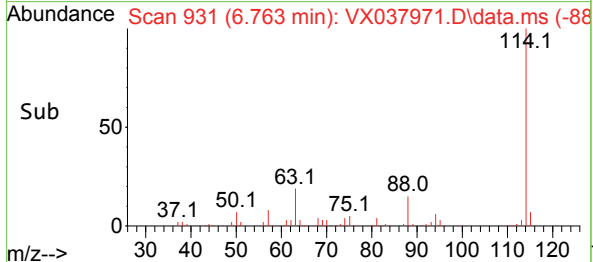
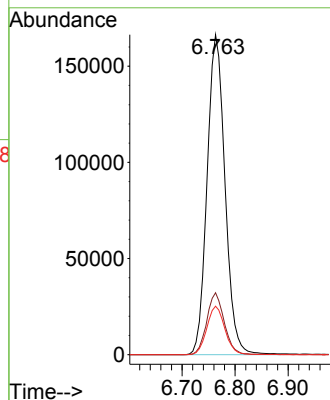
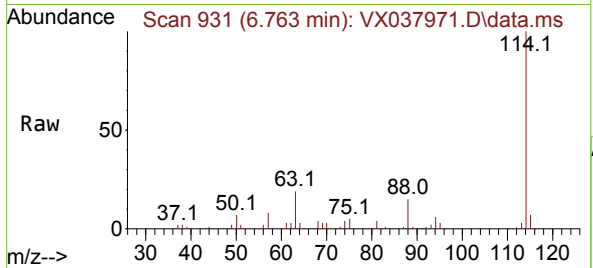




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037971.D
Acq: 29 Sep 2023 13:27

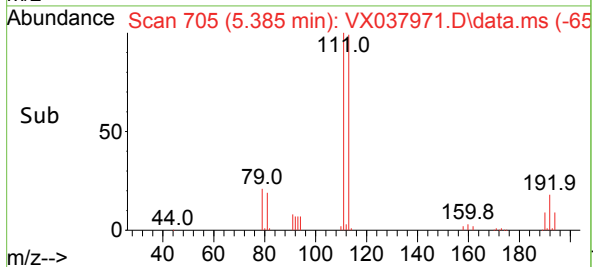
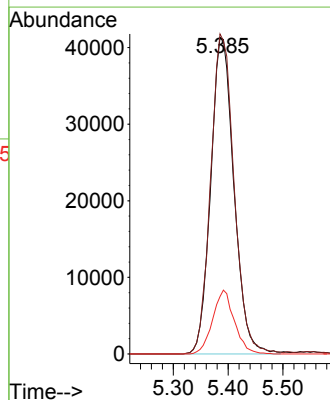
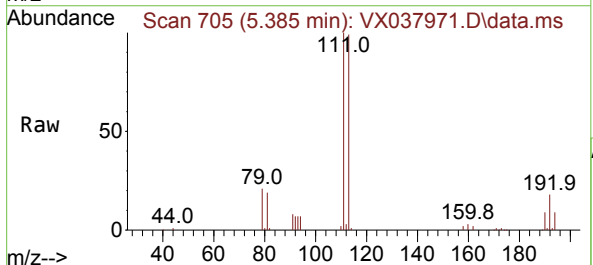
Instrument :
MSVOA_X
ClientSampleId :
MW-106I

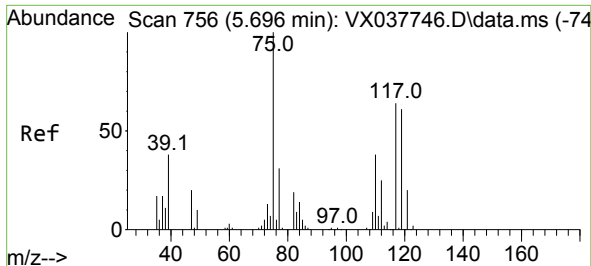
Tgt Ion:114 Resp: 390551
Ion Ratio Lower Upper
114 100
63 19.3 0.0 45.0
88 15.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.498 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037971.D
Acq: 29 Sep 2023 13:27

Tgt Ion:113 Resp: 121508
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 18.8 13.3 19.9

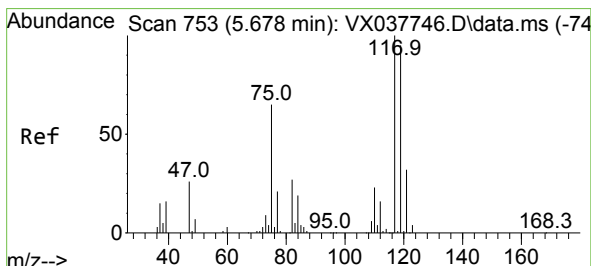
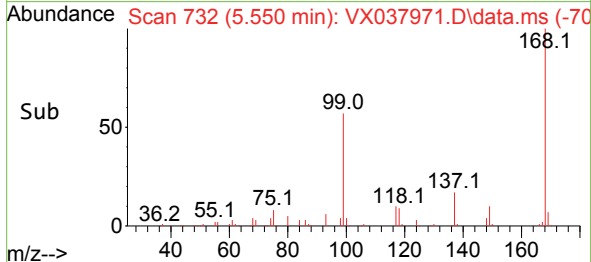
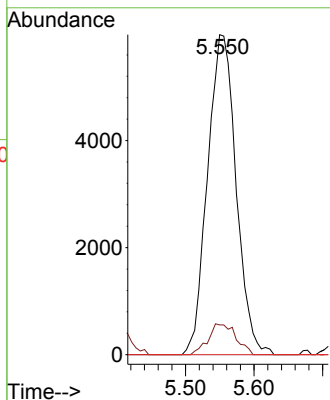
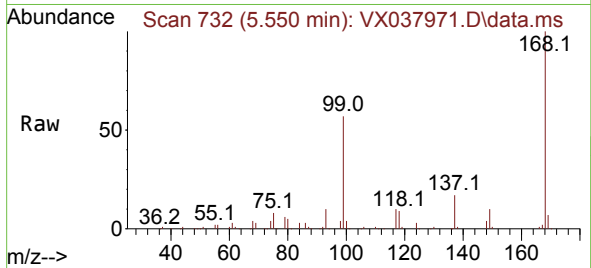




#36
1,1-Dichloropropene
Concen: 4.807 ug/l
RT: 5.550 min Scan# 713
Delta R.T. -0.146 min
Lab File: VX037971.D
Acq: 29 Sep 2023 13:27

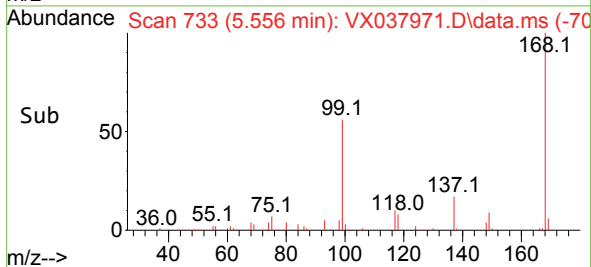
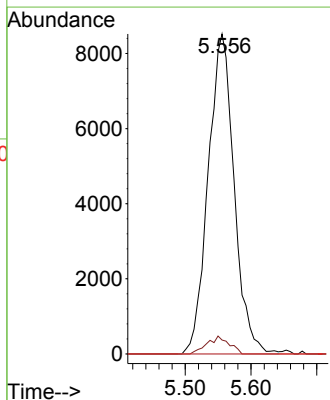
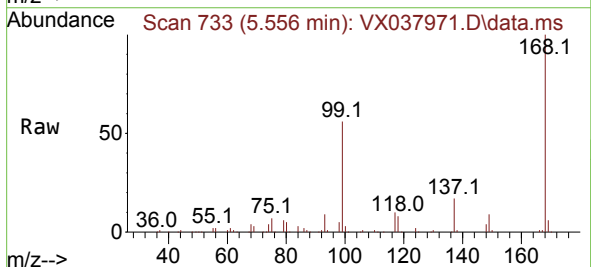
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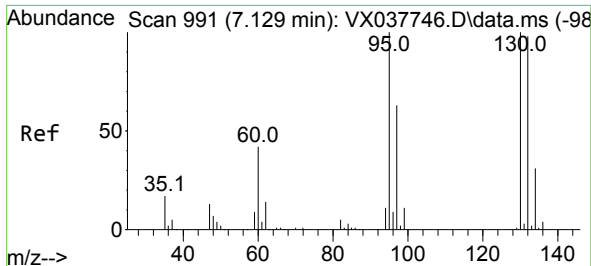
Tgt Ion: 75 Resp: 17305
Ion Ratio Lower Upper
75 100
110 9.3 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.213 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX037971.D
Acq: 29 Sep 2023 13:27

Tgt Ion: 117 Resp: 23400
Ion Ratio Lower Upper
117 100
119 4.4 78.2 117.2#
121 0.0 24.4 36.6#

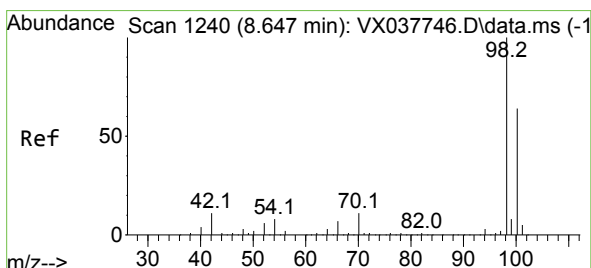
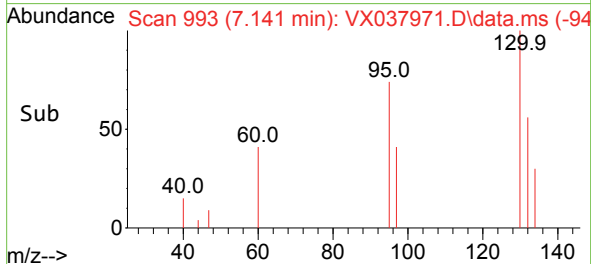
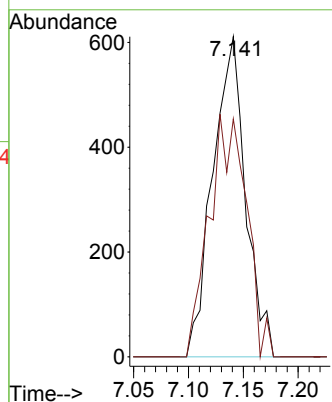
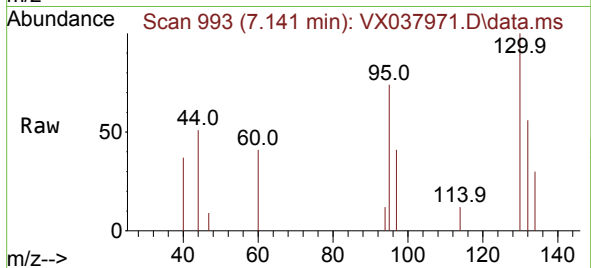




#44
Trichloroethene
Concen: 0.412 ug/l
RT: 7.141 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX037971.D
Acq: 29 Sep 2023 13:27

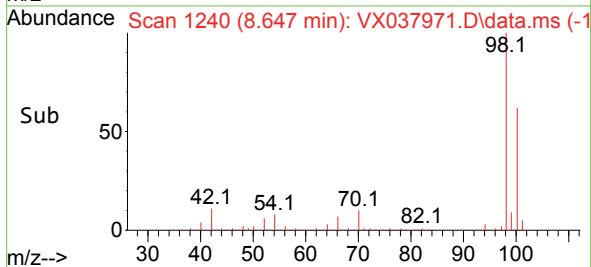
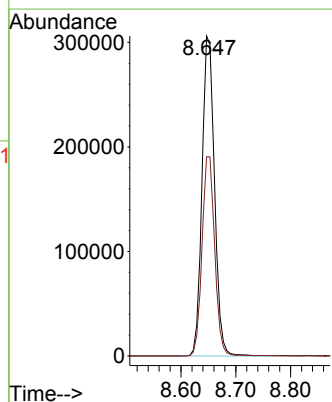
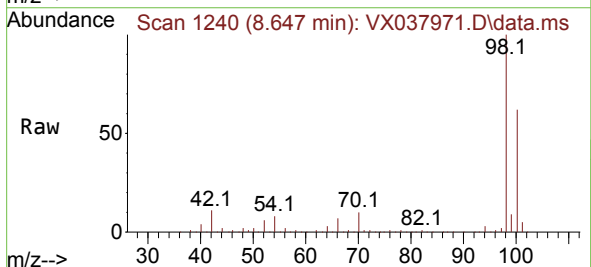
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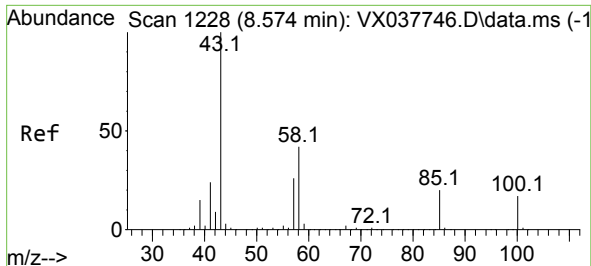
Tgt Ion:130 Resp: 1271
Ion Ratio Lower Upper
130 100
95 74.3 0.0 204.4



#50
Toluene-d8
Concen: 49.903 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037971.D
Acq: 29 Sep 2023 13:27

Tgt Ion: 98 Resp: 484539
Ion Ratio Lower Upper
98 100
100 63.3 53.1 79.7

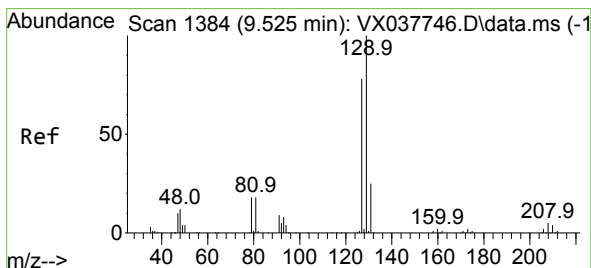
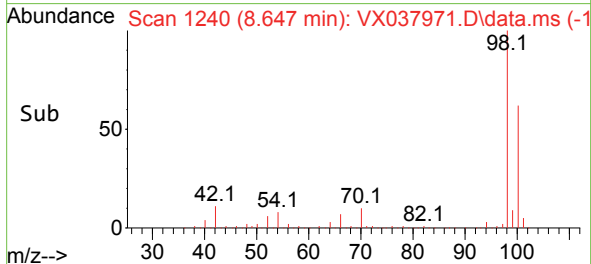
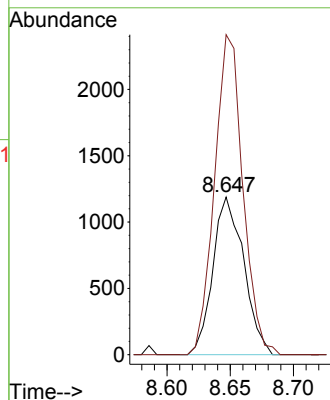
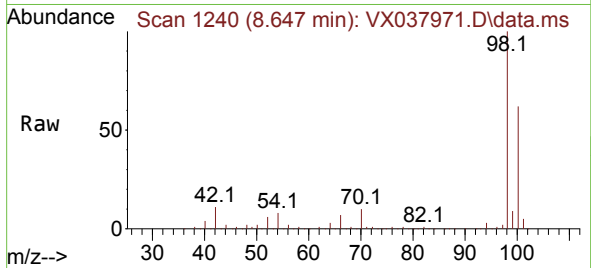




#51
4-Methyl-2-Pentanone
Concen: 0.504 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX037971.D
Acq: 29 Sep 2023 13:27

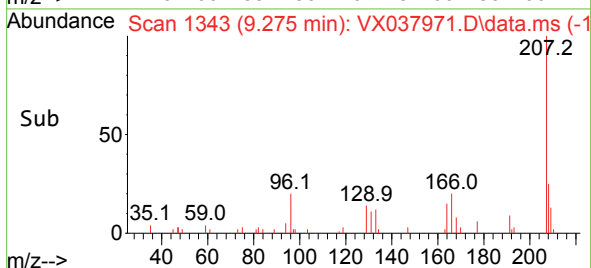
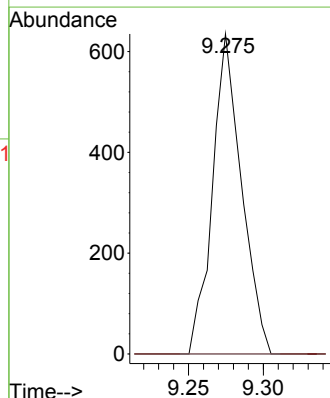
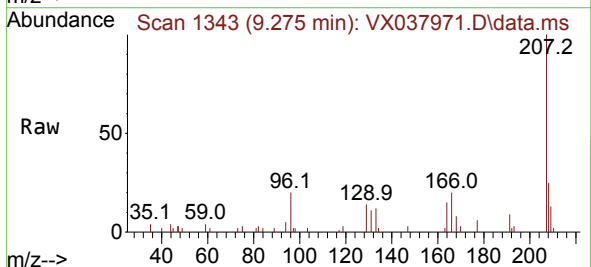
Instrument :
MSVOA_X
ClientSampleId :
MW-106I

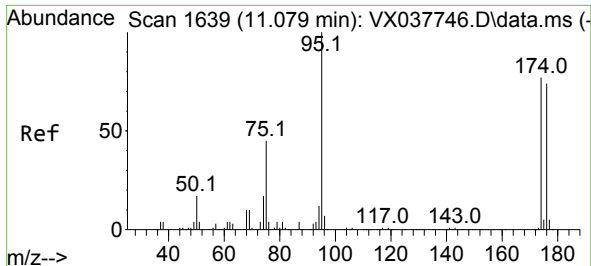
Tgt Ion: 43 Resp: 2022
Ion Ratio Lower Upper
43 100
58 186.2 30.4 45.6#



#60
Dibromochloromethane
Concen: 0.286 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.244 min
Lab File: VX037971.D
Acq: 29 Sep 2023 13:27

Tgt Ion: 129 Resp: 858
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

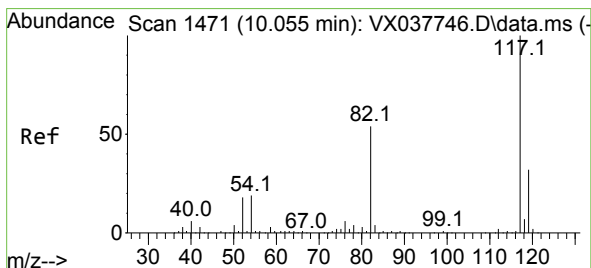
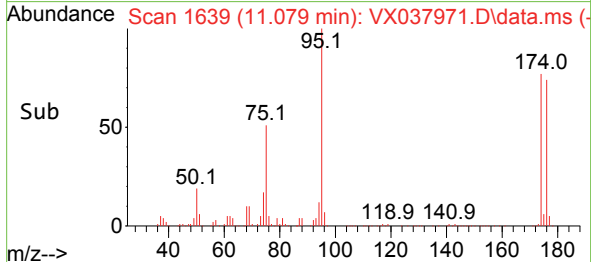
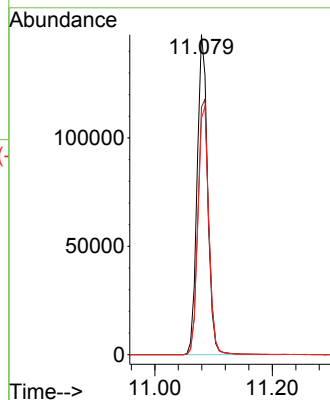
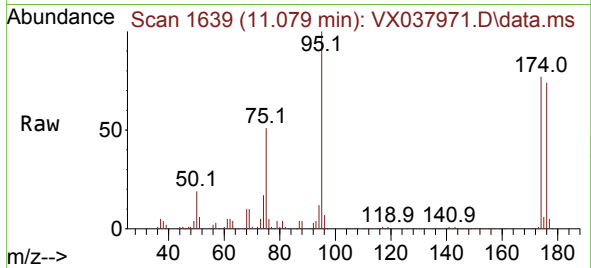




#62
4-Bromofluorobenzene
Concen: 51.873 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037971.D
Acq: 29 Sep 2023 13:27

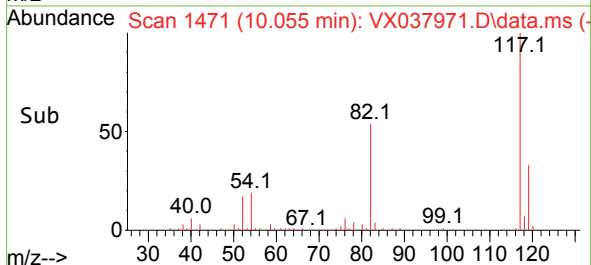
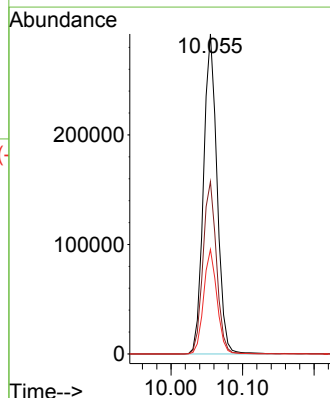
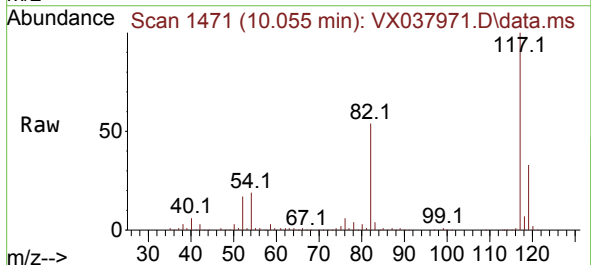
Instrument :
MSVOA_X
ClientSampleId :
MW-106I

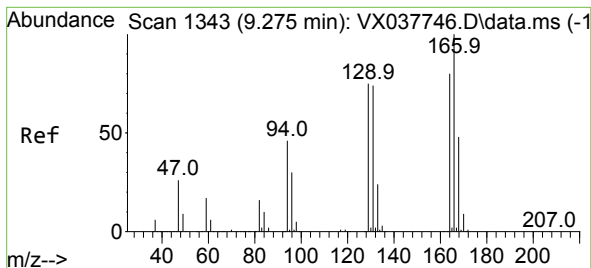
Tgt Ion: 95 Resp: 183023
Ion Ratio Lower Upper
95 100
174 83.0 0.0 135.6
176 80.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037971.D
Acq: 29 Sep 2023 13:27

Tgt Ion: 117 Resp: 384829
Ion Ratio Lower Upper
117 100
82 53.9 46.2 69.4
119 32.7 25.5 38.3





#64

Tetrachloroethene

Concen: 0.400 ug/l

RT: 9.275 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX037971.D

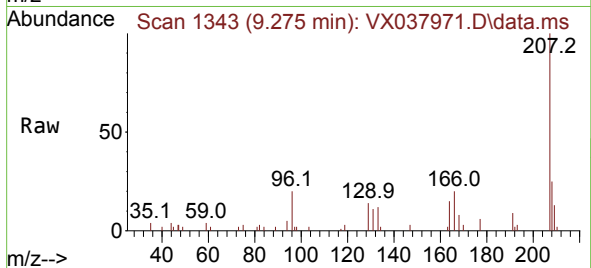
Acq: 29 Sep 2023 13:27

Instrument :

MSVOA_X

ClientSampleId :

MW-106I



Tgt Ion:164 Resp: 1049

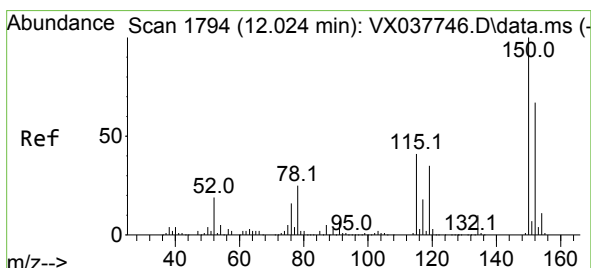
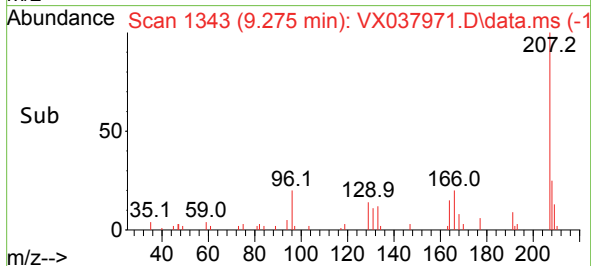
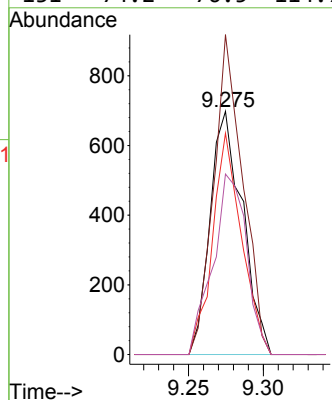
Ion Ratio Lower Upper

164 100

166 131.5 102.7 154.1

129 91.0 80.4 120.6

131 74.2 76.5 114.7#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX037971.D

Acq: 29 Sep 2023 13:27

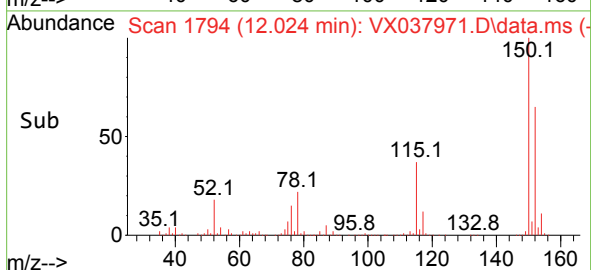
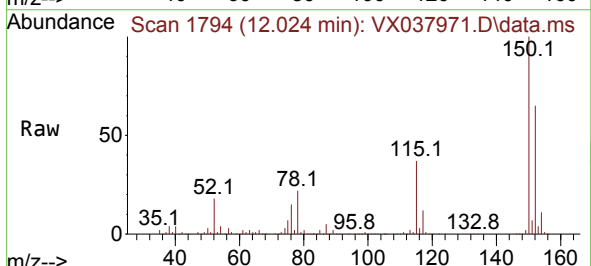
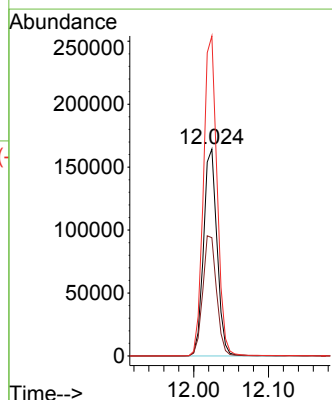
Tgt Ion:152 Resp: 206139

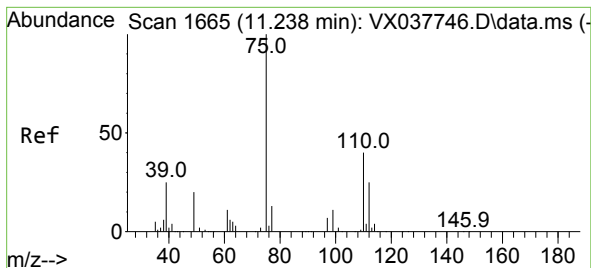
Ion Ratio Lower Upper

152 100

115 59.6 43.3 129.9

150 156.4 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 19.574 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX037971.D

Acq: 29 Sep 2023 13:27

Instrument :

MSVOA_X

ClientSampleId :

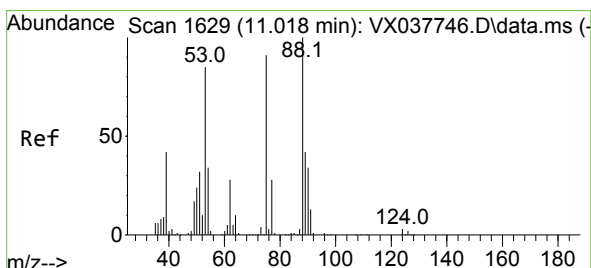
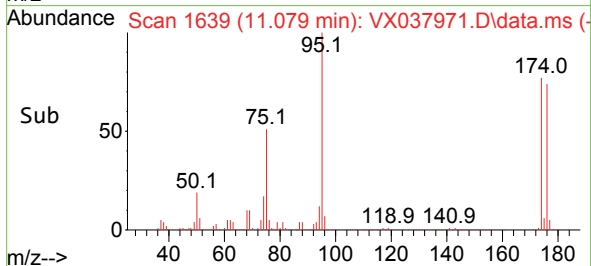
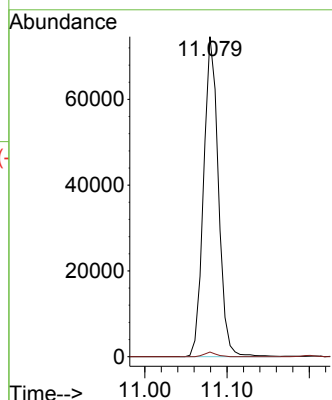
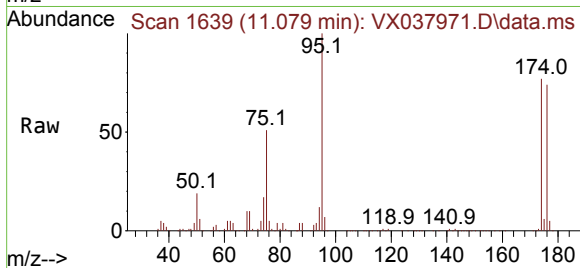
MW-106I

Tgt Ion: 75 Resp: 93323

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 62.701 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX037971.D

Acq: 29 Sep 2023 13:27

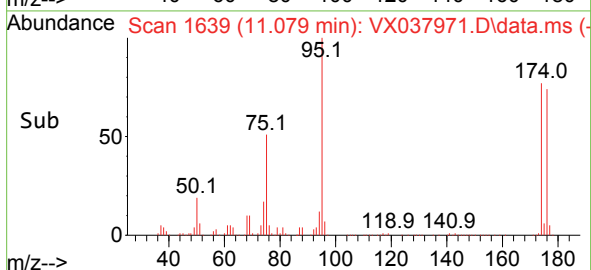
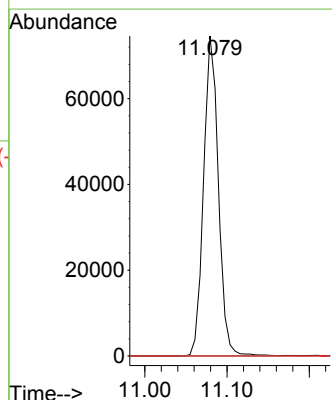
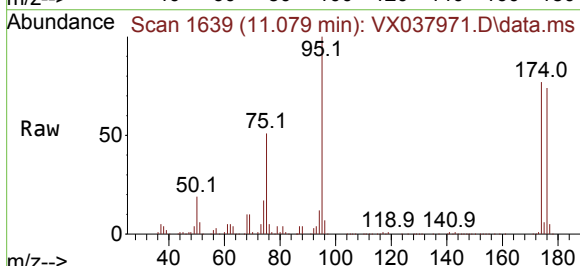
Tgt Ion: 75 Resp: 93323

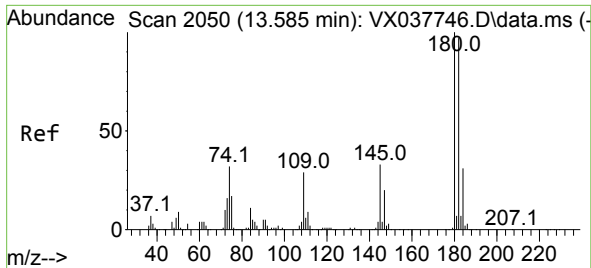
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

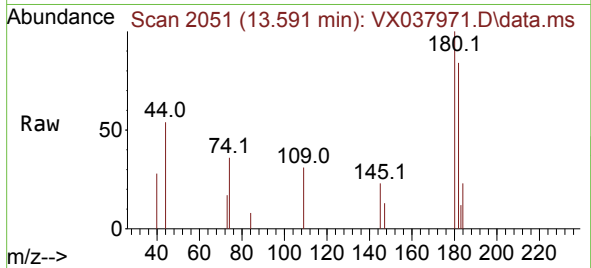
89 0.0 36.9 55.3#





#93
 1,2,4-Trichlorobenzene
 Concen: 0.206 ug/l
 RT: 13.591 min Scan# 2051
 Delta R.T. -0.000 min
 Lab File: VX037971.D
 Acq: 29 Sep 2023 13:27

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-106I



Tgt Ion:	180	Resp:	864
Ion	Ratio	Lower	Upper
180	100		
182	106.5	48.3	144.8
145	25.6	18.0	54.0

