

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092923\
 Data File : VX037980.D
 Acq On : 29 Sep 2023 16:56
 Operator : JC/MD
 Sample : 04656-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-104I

Quant Time: Sep 29 23:07:33 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)

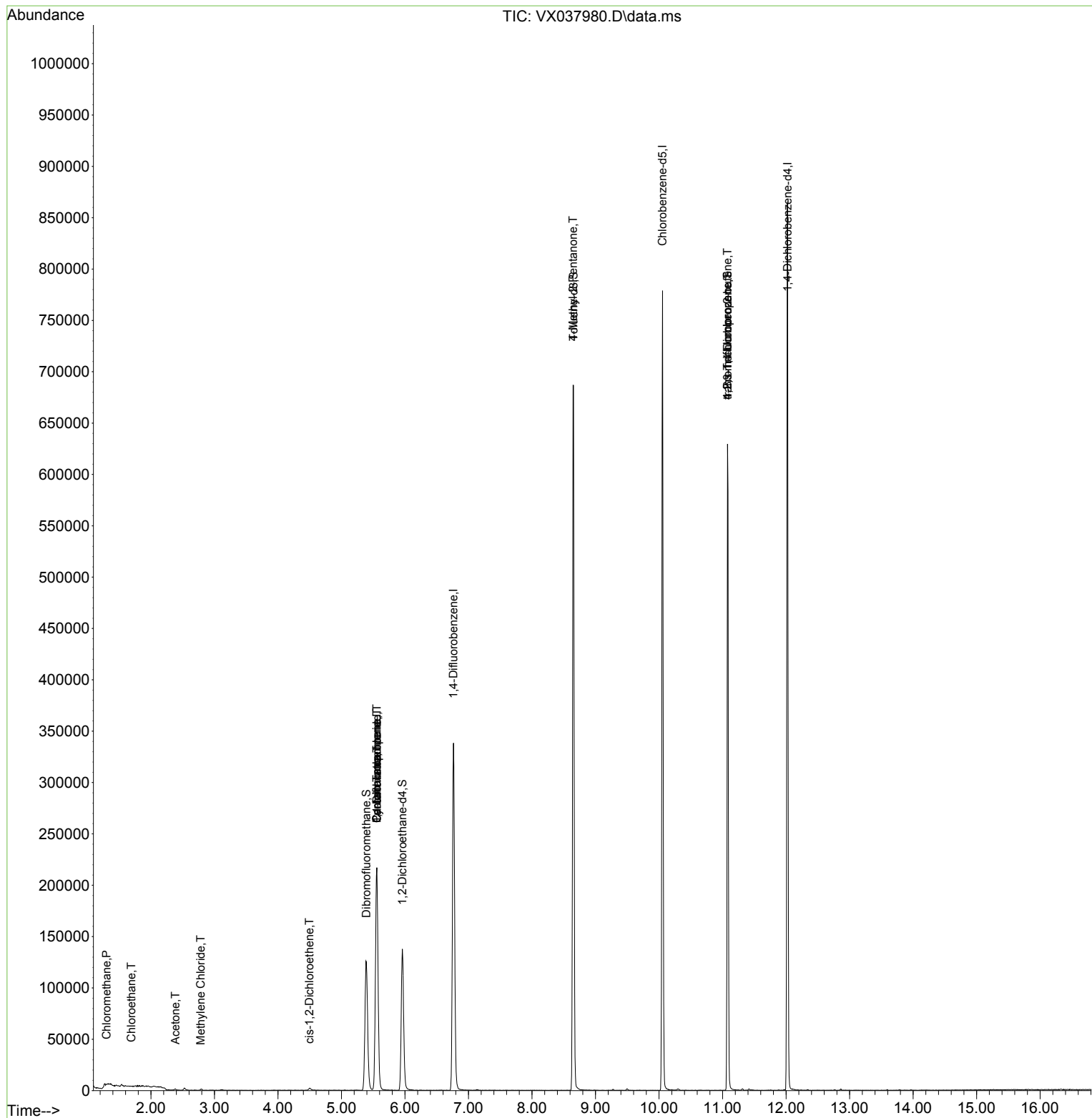
Internal Standards						
1) Pentafluorobenzene	5.556	168	208916	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	355591	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	352577	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	187841	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	131318	47.842	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.680%
35) Dibromofluoromethane	5.391	113	112428	47.253	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.500%
50) Toluene-d8	8.653	98	434990	49.204	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.400%
62) 4-Bromofluorobenzene	11.079	95	165849	51.627	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.260%
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	521	0.217	ug/l	# 43
6) Chloroethane	1.691	64	540	0.303	ug/l	# 43
16) Acetone	2.386	43	1253	0.949	ug/l	93
20) Methylene Chloride	2.782	84	644	0.239	ug/l	# 51
27) cis-1,2-Dichloroethene	4.495	96	1308	0.471	ug/l	# 84
31) Cyclohexane	5.556	56	4221	1.198	ug/l	# 1
36) 1,1-Dichloropropene	5.556	75	16181	4.937	ug/l	# 46
38) Carbon Tetrachloride	5.556	117	21133	6.162	ug/l	# 16
51) 4-Methyl-2-Pentanone	8.647	43	1795	0.491	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	83882	19.307	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	83882	61.848	ug/l	# 5

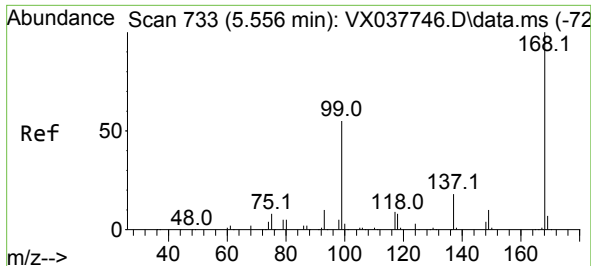
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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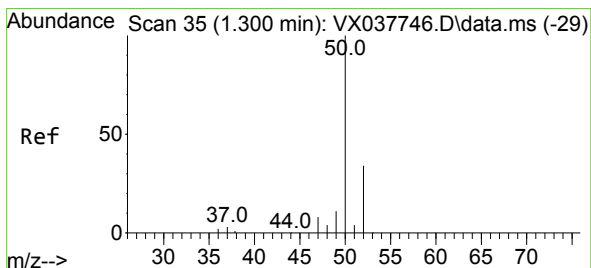
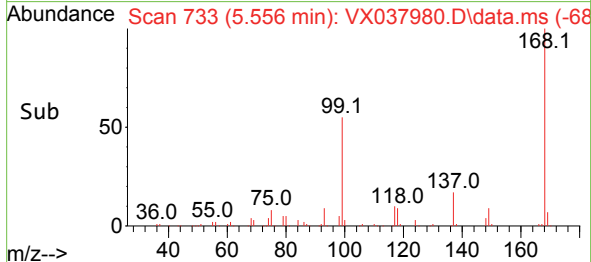
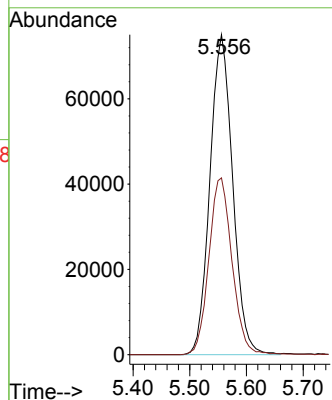
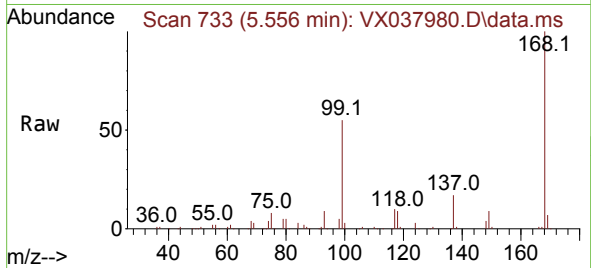




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037980.D
Acq: 29 Sep 2023 16:56

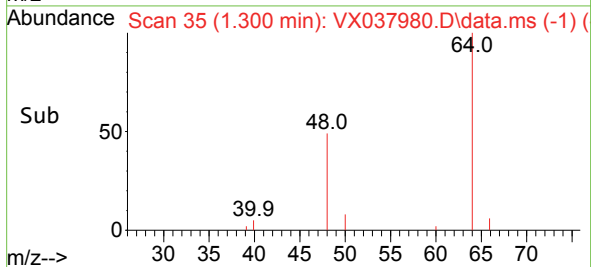
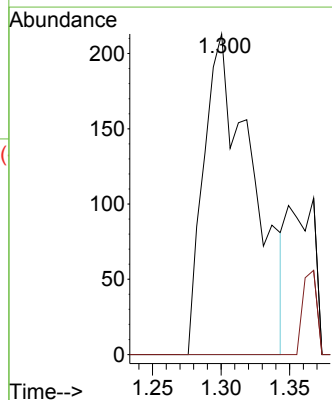
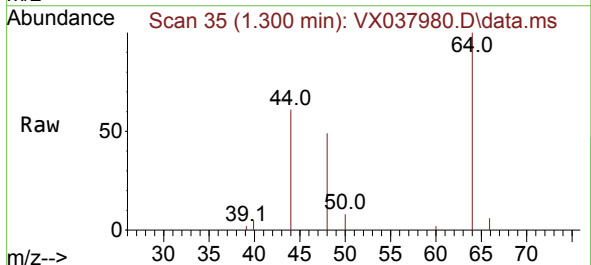
Instrument :
MSVOA_X
ClientSampleId :
MW-104I

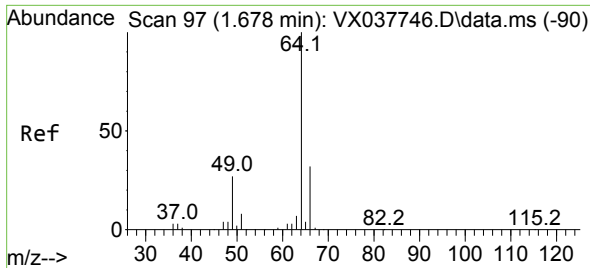
Tgt Ion:168 Resp: 208916
Ion Ratio Lower Upper
168 100
99 55.3 56.6 85.0#



#3
Chloromethane
Concen: 0.217 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX037980.D
Acq: 29 Sep 2023 16:56

Tgt Ion: 50 Resp: 521
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

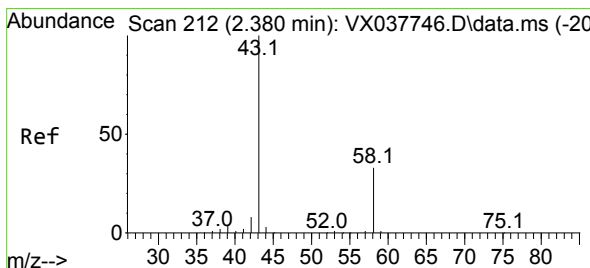
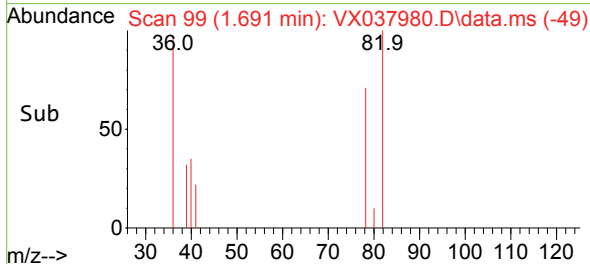
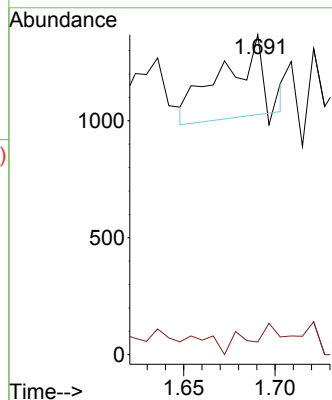
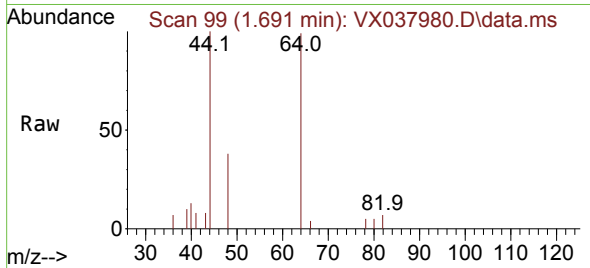




#6
Chloroethane
Concen: 0.303 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX037980.D
Acq: 29 Sep 2023 16:56

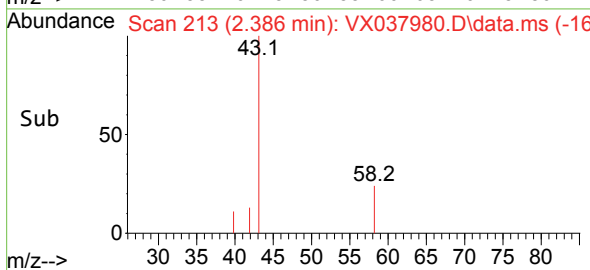
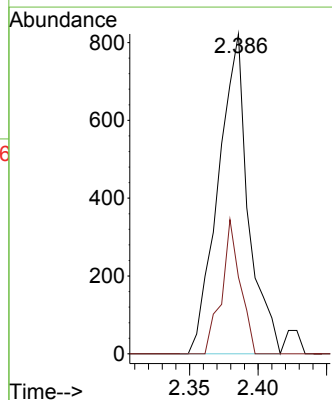
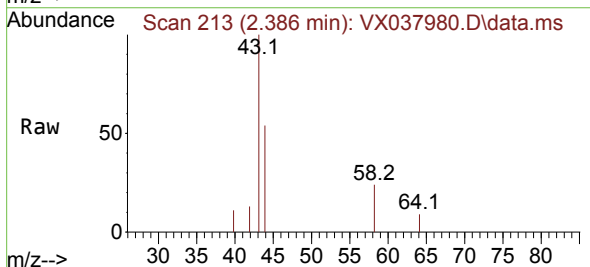
Instrument :
MSVOA_X
ClientSampleId :
MW-104I

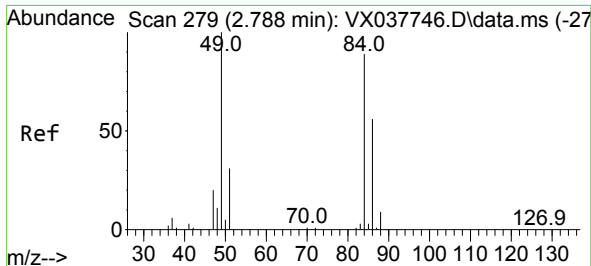
Tgt Ion: 64 Resp: 540
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#16
Acetone
Concen: 0.949 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX037980.D
Acq: 29 Sep 2023 16:56

Tgt Ion: 43 Resp: 1253
Ion Ratio Lower Upper
43 100
58 24.0 21.9 32.9





#20

Methylene Chloride

Concen: 0.239 ug/l

RT: 2.782 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX037980.D

Acq: 29 Sep 2023 16:56

Instrument :

MSVOA_X

ClientSampleId :

MW-104I

Tgt Ion: 84 Resp: 644

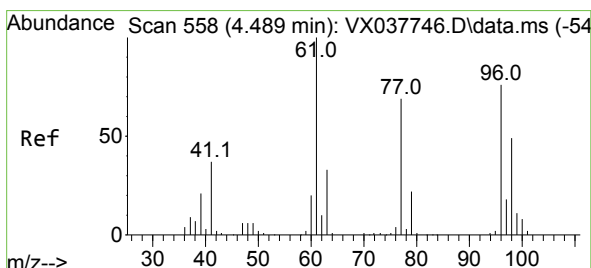
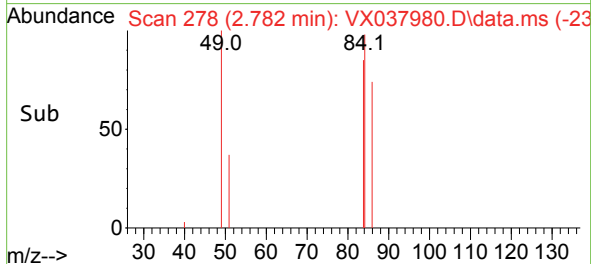
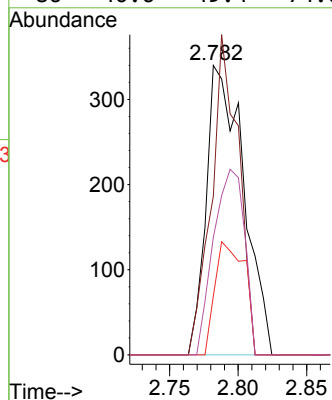
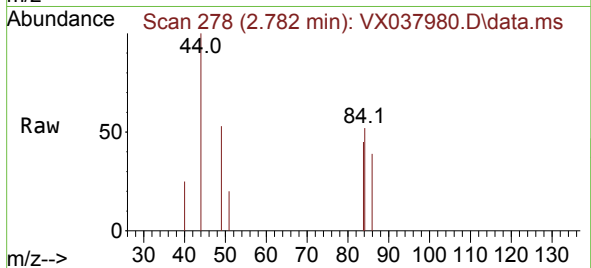
Ion Ratio Lower Upper

84 100

49 54.7 103.6 155.4#

51 20.3 33.8 50.6#

86 40.6 49.4 74.0#



#27

cis-1,2-Dichloroethene

Concen: 0.471 ug/l

RT: 4.495 min Scan# 559

Delta R.T. 0.006 min

Lab File: VX037980.D

Acq: 29 Sep 2023 16:56

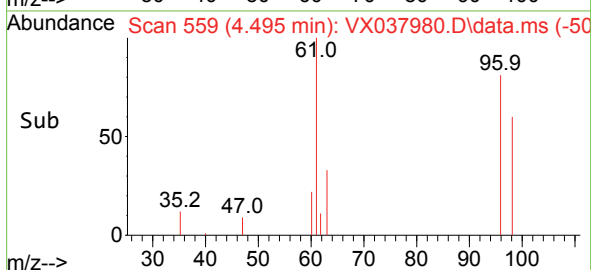
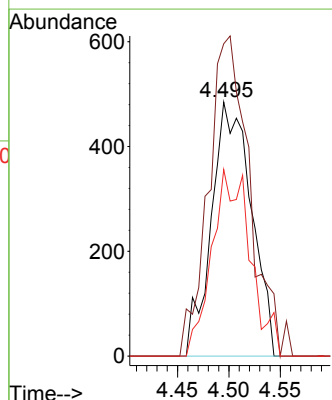
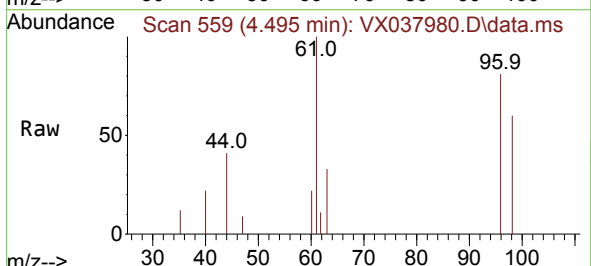
Tgt Ion: 96 Resp: 1308

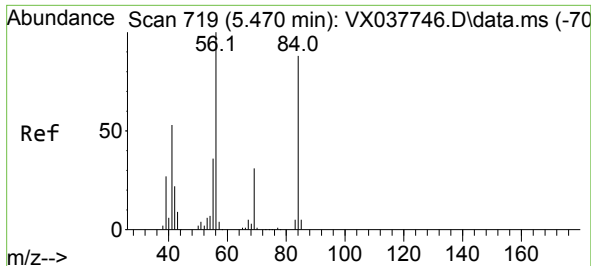
Ion Ratio Lower Upper

96 100

61 130.5 0.0 312.2

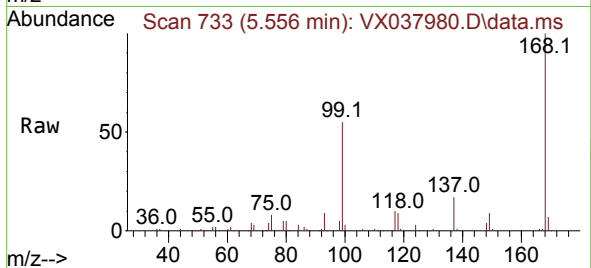
98 70.5 0.0 129.0



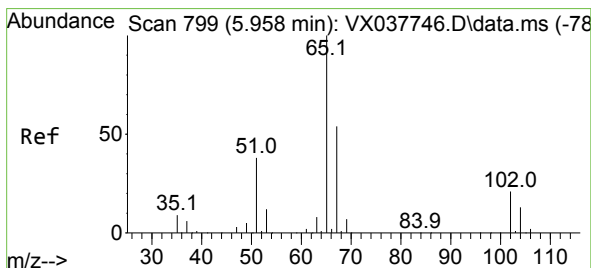
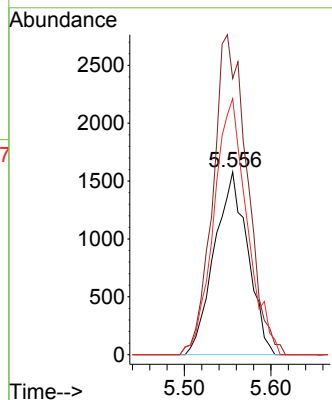
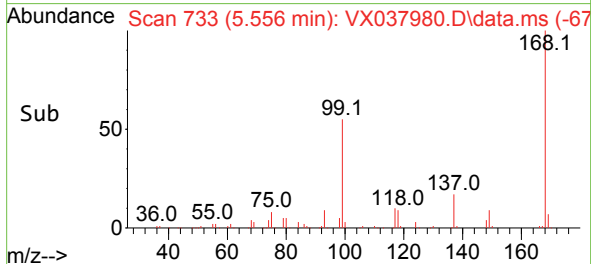


#31
Cyclohexane
Concen: 1.198 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX037980.D
Acq: 29 Sep 2023 16:56

Instrument :
MSVOA_X
ClientSampleId :
MW-104I

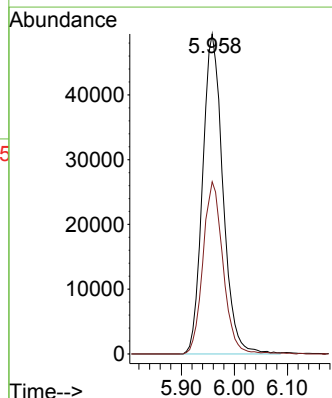
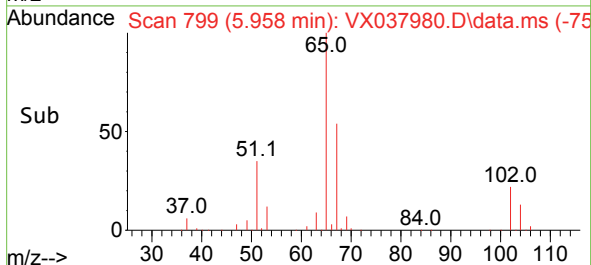
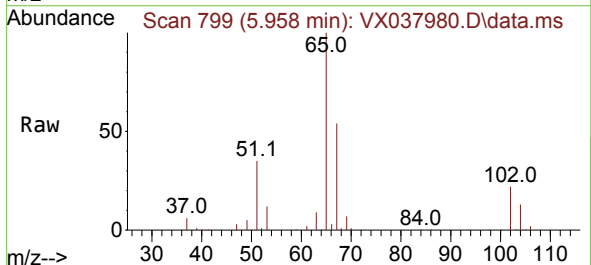


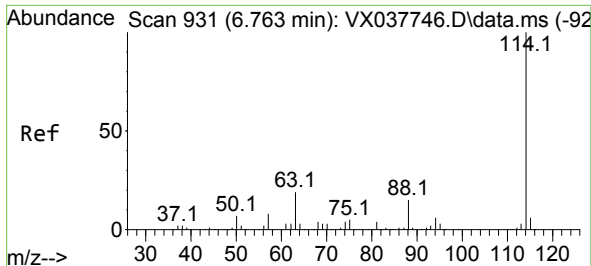
Tgt Ion: 56 Resp: 4221
Ion Ratio Lower Upper
56 100
69 151.1 23.4 35.2#
84 140.1 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 47.842 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX037980.D
Acq: 29 Sep 2023 16:56

Tgt Ion: 65 Resp: 131318
Ion Ratio Lower Upper
65 100
67 53.3 0.0 100.2

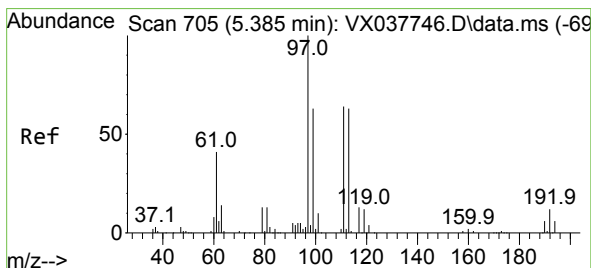
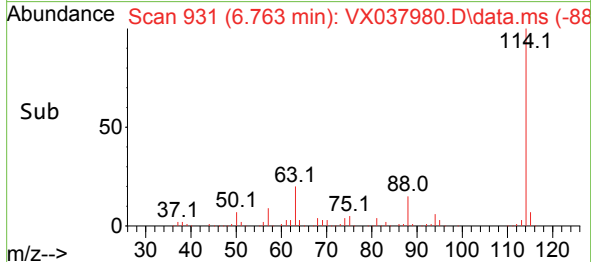
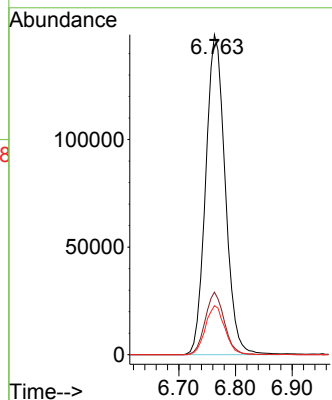
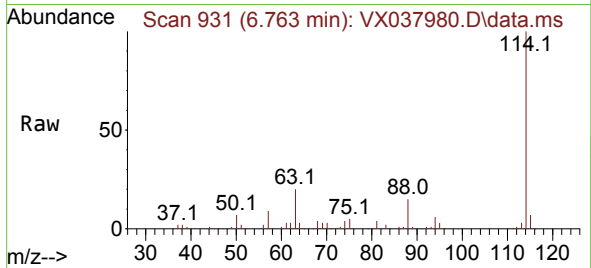




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037980.D
Acq: 29 Sep 2023 16:56

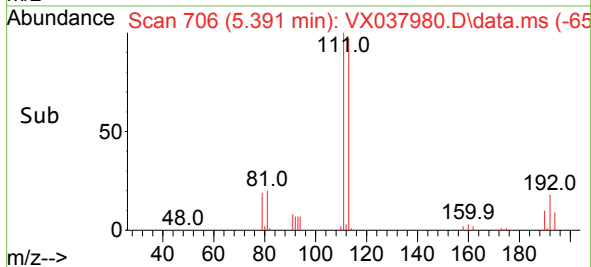
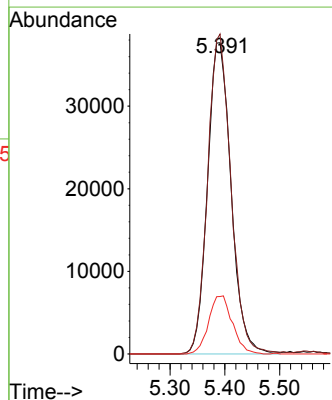
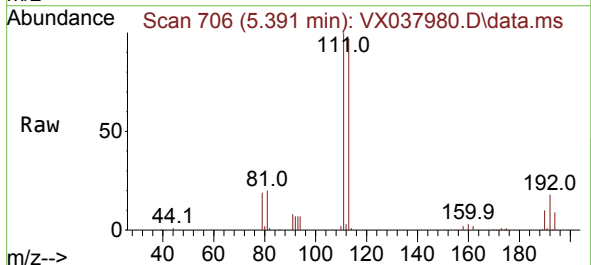
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MW-104I

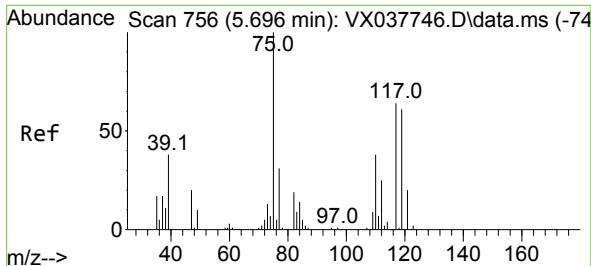
Tgt Ion:114 Resp: 355591
Ion Ratio Lower Upper
114 100
63 19.6 0.0 45.0
88 15.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.253 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX037980.D
Acq: 29 Sep 2023 16:56

Tgt Ion:113 Resp: 112428
Ion Ratio Lower Upper
113 100
111 101.7 82.9 124.3
192 18.9 13.3 19.9

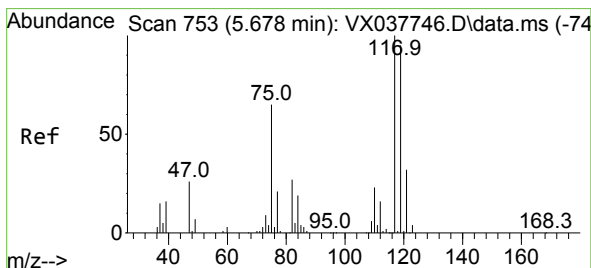
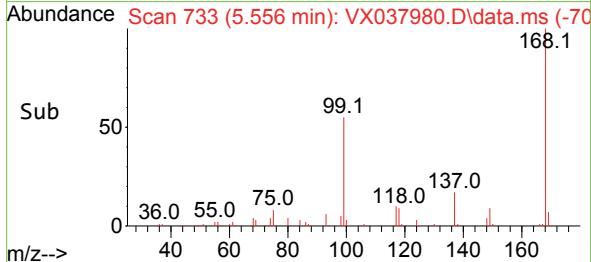
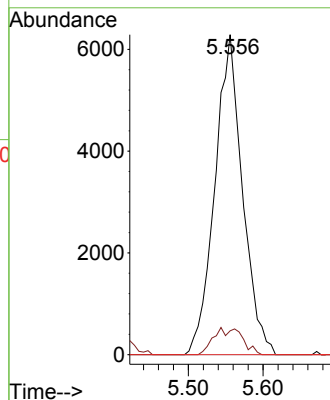
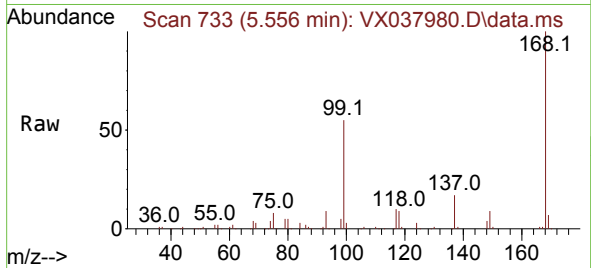




#36
1,1-Dichloropropene
Concen: 4.937 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX037980.D
Acq: 29 Sep 2023 16:56

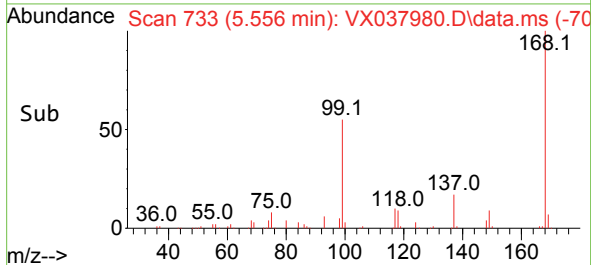
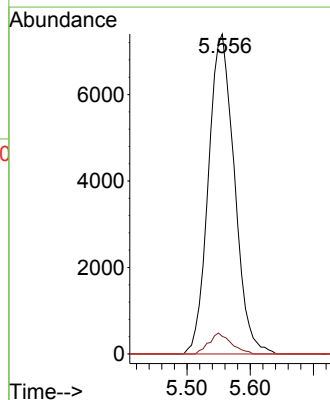
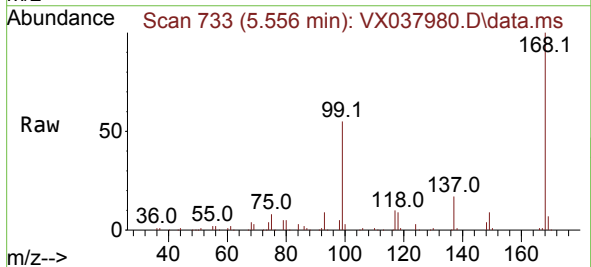
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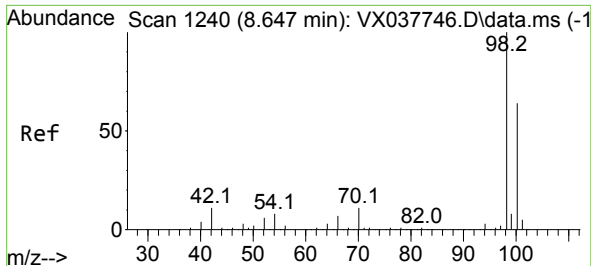
Tgt Ion: 75 Resp: 16181
Ion Ratio Lower Upper
75 100
110 4.1 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.162 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX037980.D
Acq: 29 Sep 2023 16:56

Tgt Ion: 117 Resp: 21133
Ion Ratio Lower Upper
117 100
119 5.5 78.2 117.2#
121 0.0 24.4 36.6#

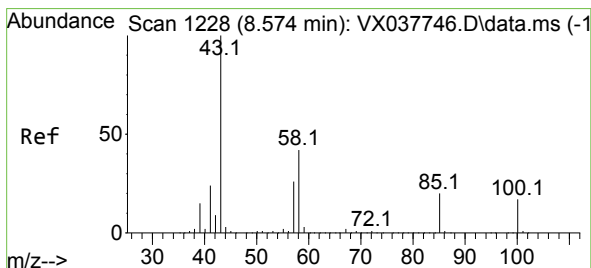
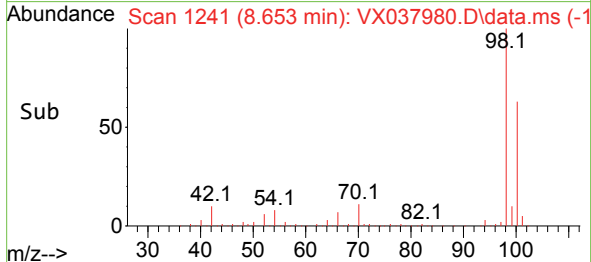
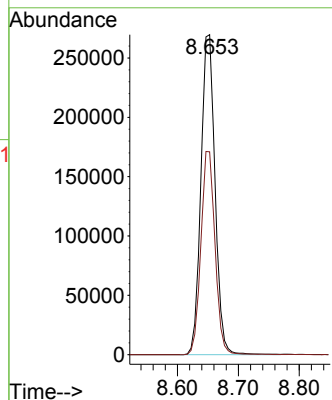
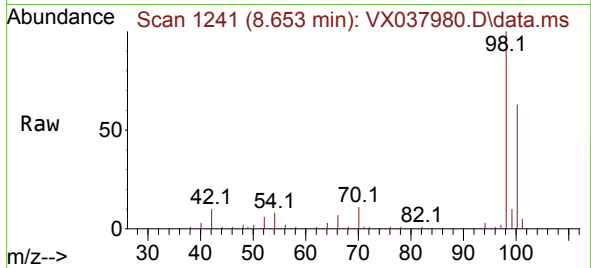




#50
Toluene-d8
Concen: 49.204 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX037980.D
Acq: 29 Sep 2023 16:56

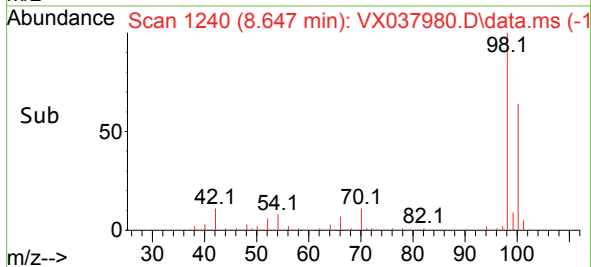
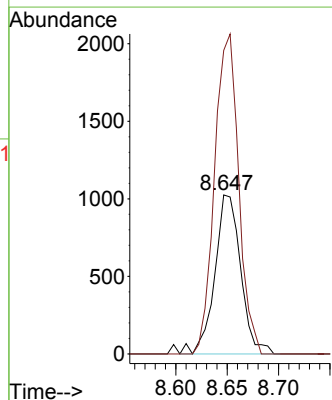
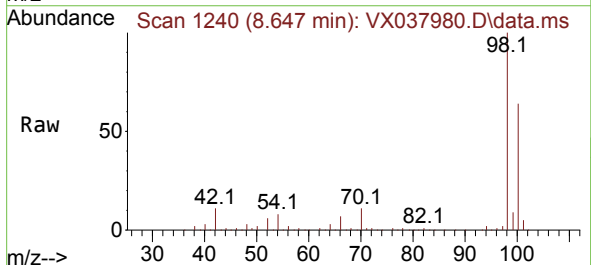
Instrument :
MSVOA_X
ClientSampleId :
MW-104I

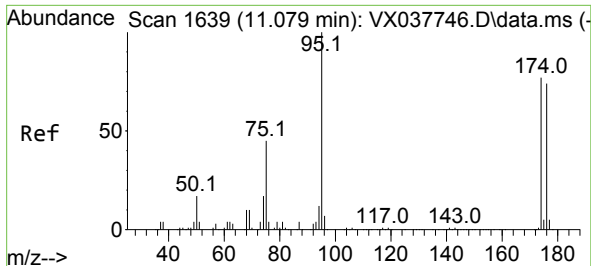
Tgt Ion: 98 Resp: 434990
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.491 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX037980.D
Acq: 29 Sep 2023 16:56

Tgt Ion: 43 Resp: 1795
Ion Ratio Lower Upper
43 100
58 187.1 30.4 45.6#

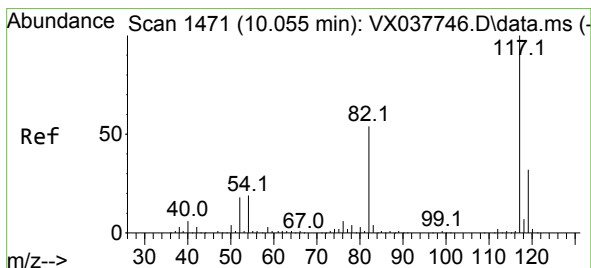
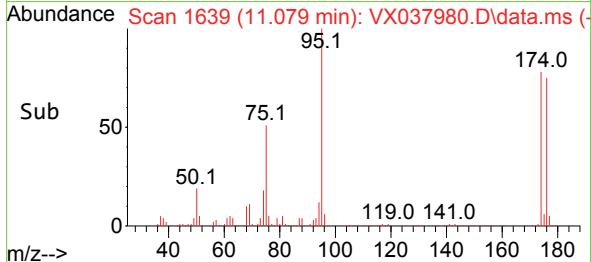
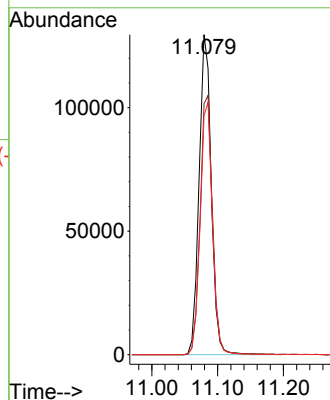
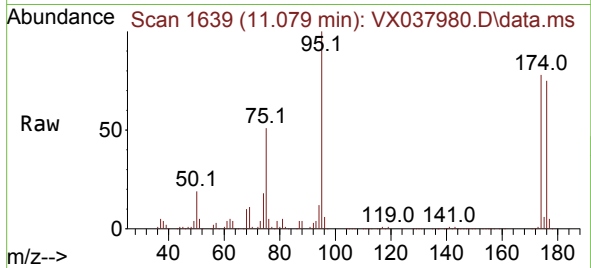




#62
4-Bromofluorobenzene
Concen: 51.627 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX037980.D
Acq: 29 Sep 2023 16:56

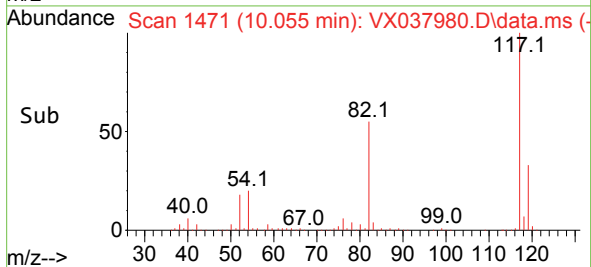
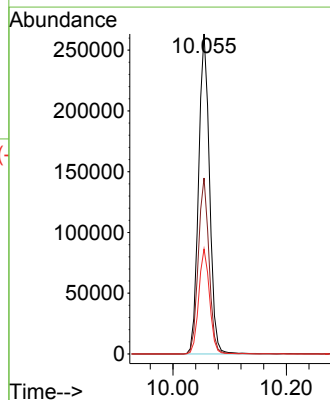
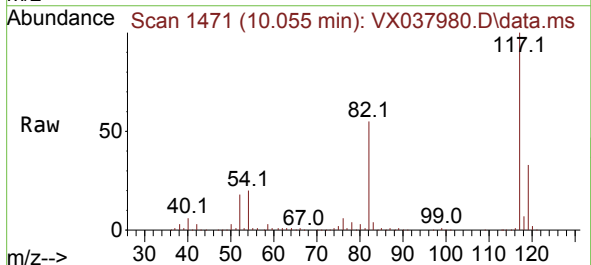
Instrument :
MSVOA_X
ClientSampleId :
MW-104I

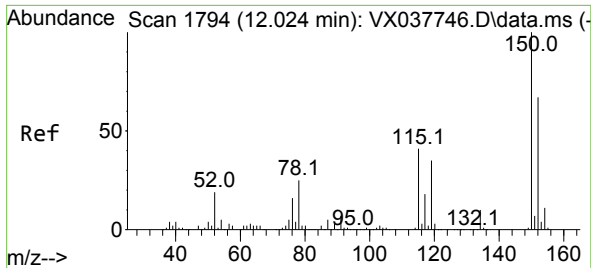
Tgt Ion: 95 Resp: 165849
Ion Ratio Lower Upper
95 100
174 83.3 0.0 135.6
176 79.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037980.D
Acq: 29 Sep 2023 16:56

Tgt Ion: 117 Resp: 352577
Ion Ratio Lower Upper
117 100
82 55.0 46.2 69.4
119 32.8 25.5 38.3

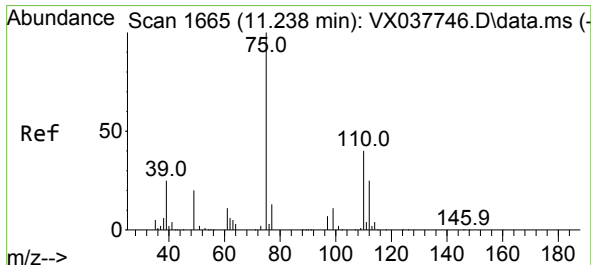
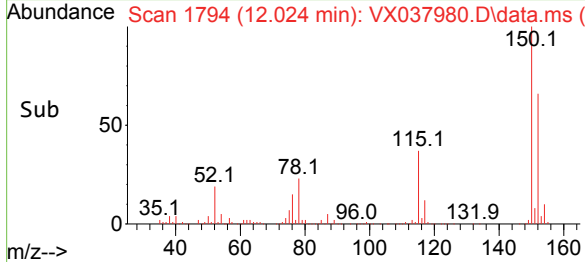
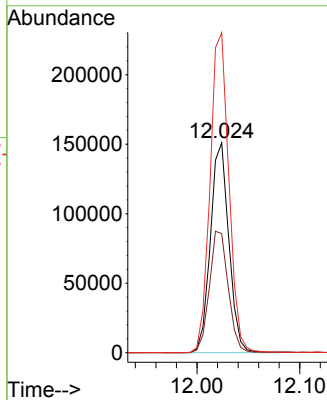
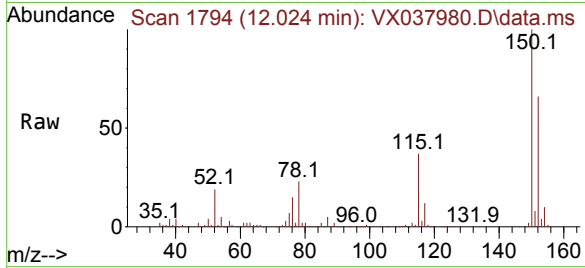




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX037980.D
 Acq: 29 Sep 2023 16:56

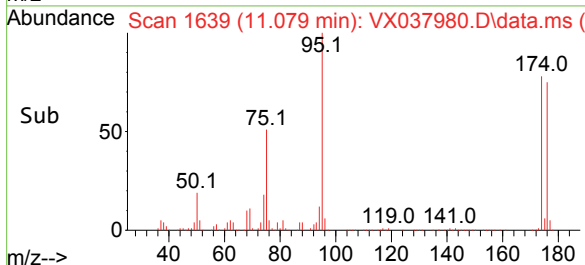
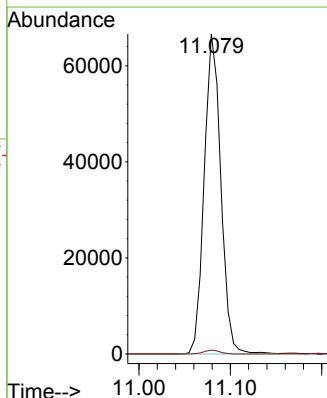
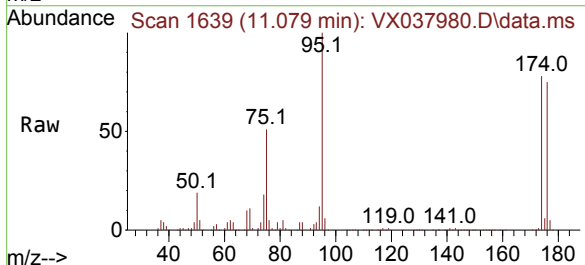
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-104I

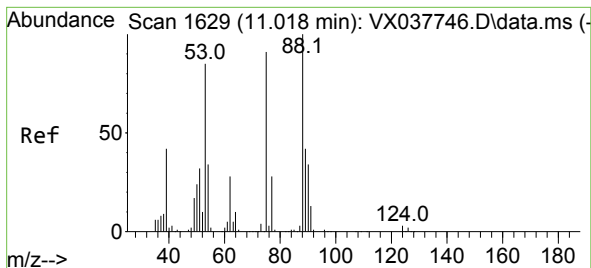
Tgt Ion:152 Resp: 187841
 Ion Ratio Lower Upper
 152 100
 115 59.3 43.3 129.9
 150 155.5 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 19.307 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX037980.D
 Acq: 29 Sep 2023 16:56

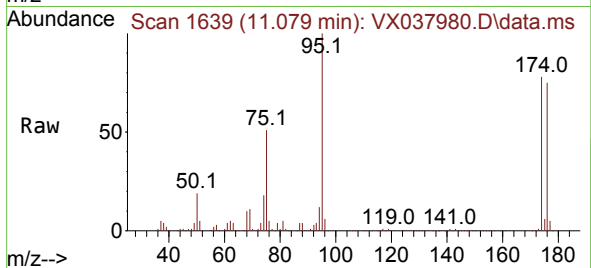
Tgt Ion: 75 Resp: 83882
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.848 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX037980.D
 Acq: 29 Sep 2023 16:56

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-104I



Tgt Ion: 75 Resp: 83882
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

