

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090923\
 Data File : VX037623.D
 Acq On : 09 Sep 2023 13:22
 Operator : JC/MD
 Sample : 04358-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Sep 11 01:21:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090823W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 09 06:38:11 2023
 Response via : Initial Calibration

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

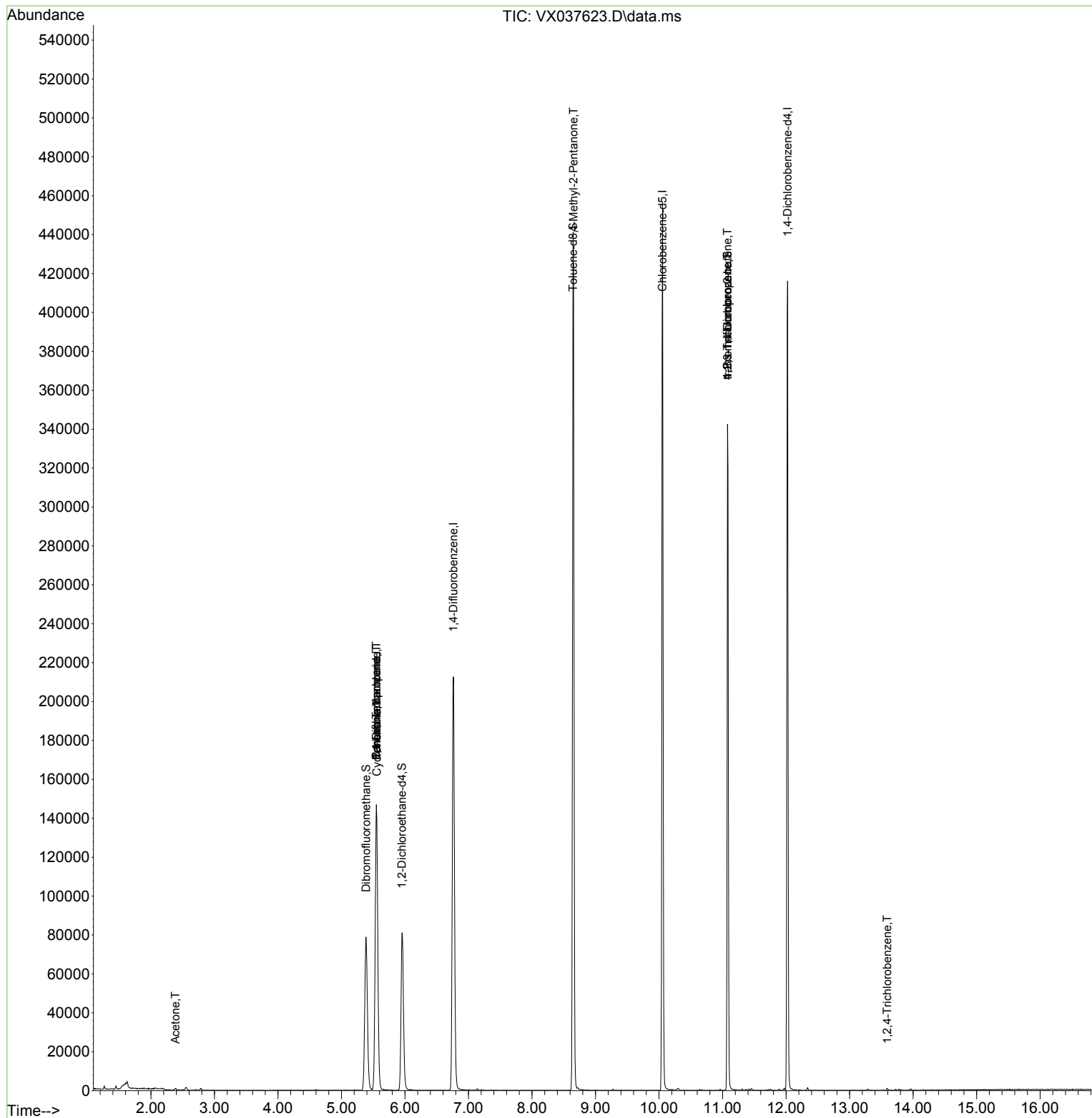
Internal Standards						
1) Pentafluorobenzene	5.550	168	142428	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	236460	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	215884	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92315	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	79477	41.338	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	82.680%
35) Dibromofluoromethane	5.385	113	71687	43.344	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	86.680%
50) Toluene-d8	8.647	98	276694	45.614	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.220%#
62) 4-Bromofluorobenzene	11.079	95	98787	43.210	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.420%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	1167	1.476	ug/l	93
20) Methylene Chloride	2.788	84	538	Below Cal	#	73
31) Cyclohexane	5.556	56	2329	0.996	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	10455	4.785	ug/l #	50
38) Carbon Tetrachloride	5.550	117	14637	6.482	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	894	0.419	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	46193	21.375	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	46193	63.897	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	428	0.218	ug/l	83

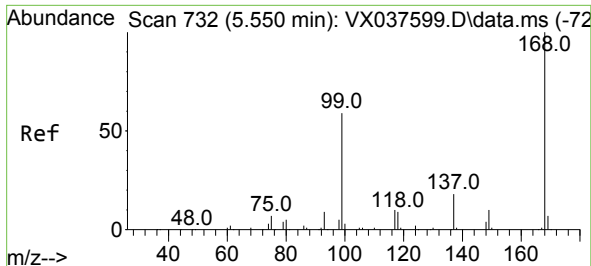
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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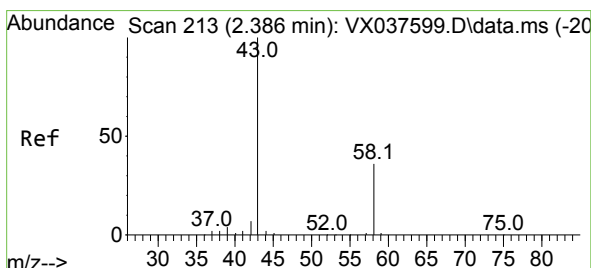
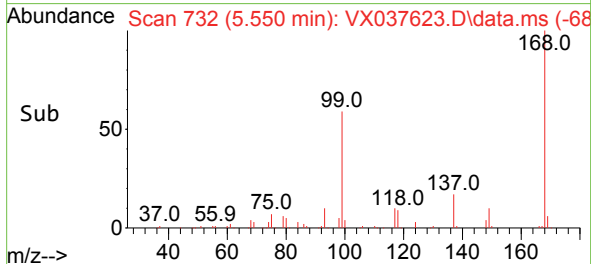
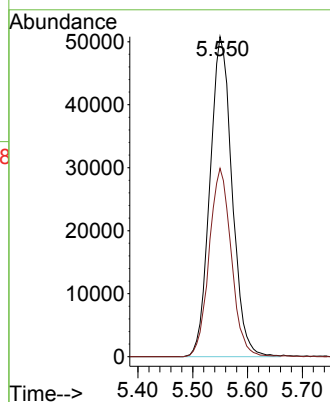
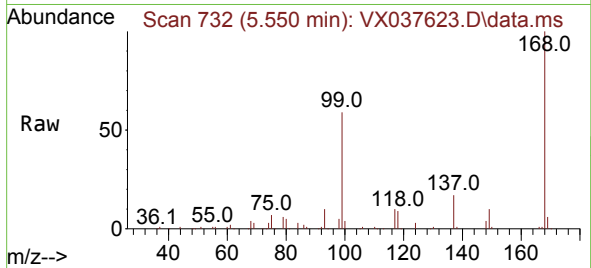




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX037623.D
Acq: 09 Sep 2023 13:22

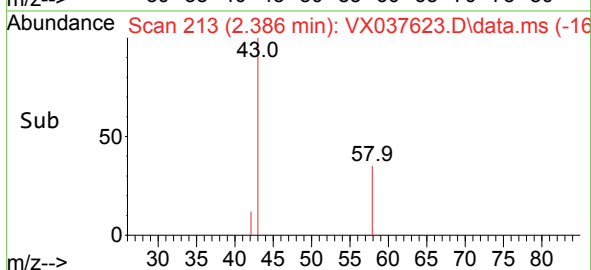
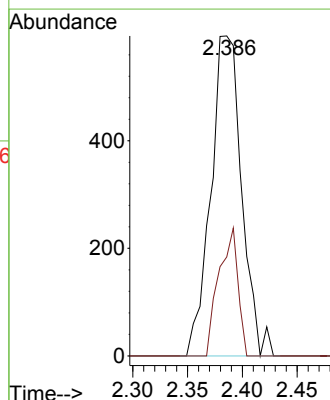
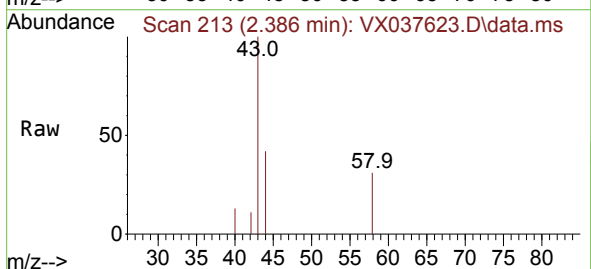
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

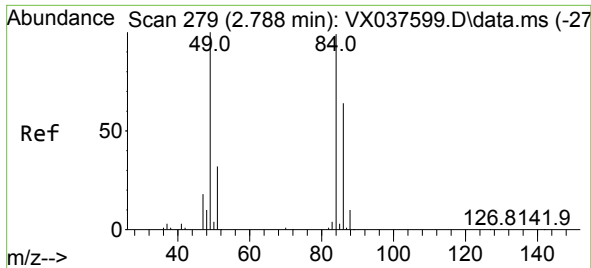
Tgt Ion:168 Resp: 142428
Ion Ratio Lower Upper
168 100
99 58.9 56.6 85.0



#16
Acetone
Concen: 1.476 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX037623.D
Acq: 09 Sep 2023 13:22

Tgt Ion: 43 Resp: 1167
Ion Ratio Lower Upper
43 100
58 30.9 21.9 32.9

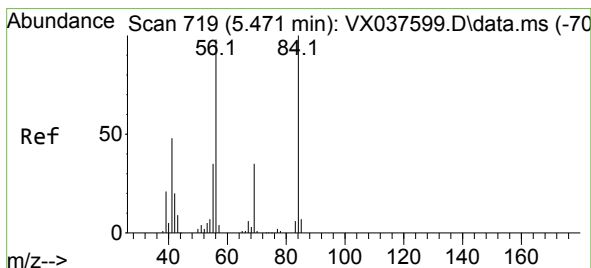
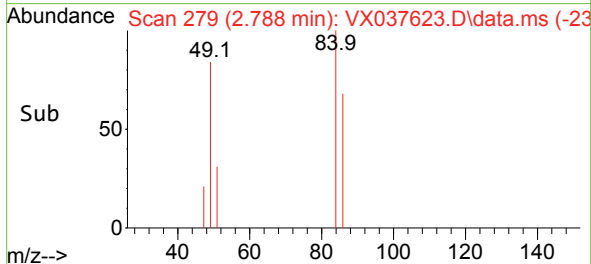
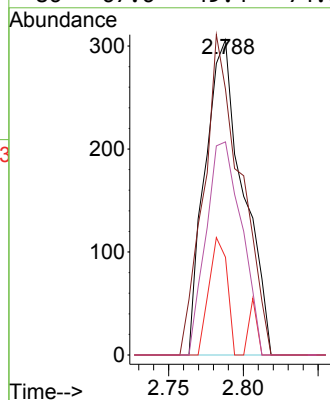
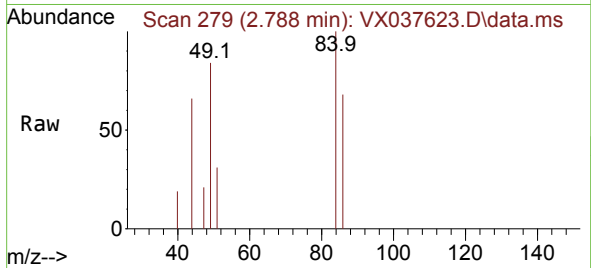




#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX037623.D
Acq: 09 Sep 2023 13:22

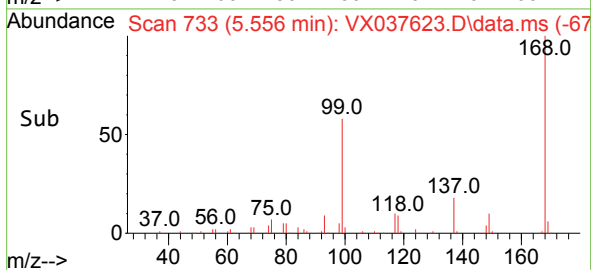
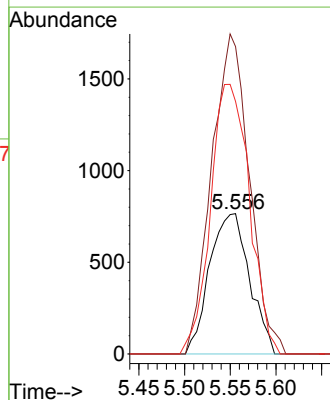
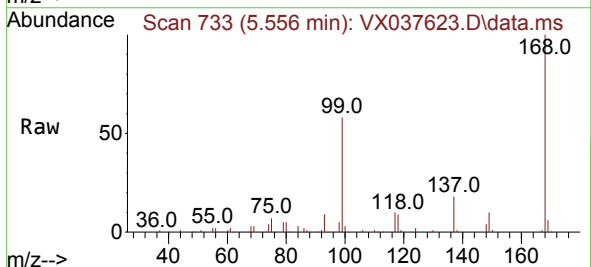
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

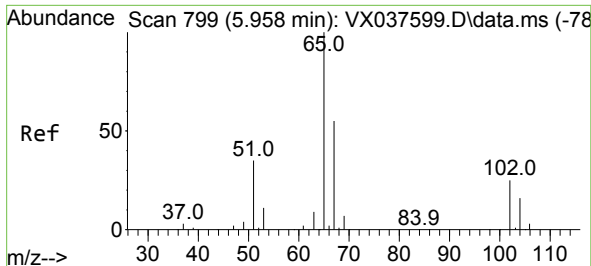
Tgt Ion:	84	Resp:	538
Ion	Ratio	Lower	Upper
84	100		
49	84.3	103.6	155.4#
51	31.0	33.8	50.6#
86	67.6	49.4	74.0



#31
Cyclohexane
Concen: 0.996 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX037623.D
Acq: 09 Sep 2023 13:22

Tgt Ion:	56	Resp:	2329
Ion	Ratio	Lower	Upper
56	100		
69	219.1	23.4	35.2#
84	180.0	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 41.338 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037623.D

Acq: 09 Sep 2023 13:22

Instrument :

MSVOA_X

ClientSampleId :

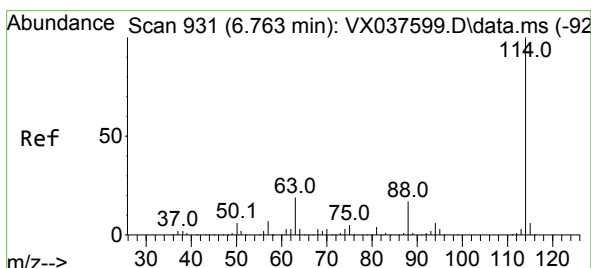
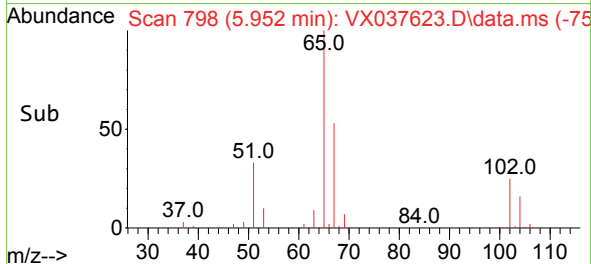
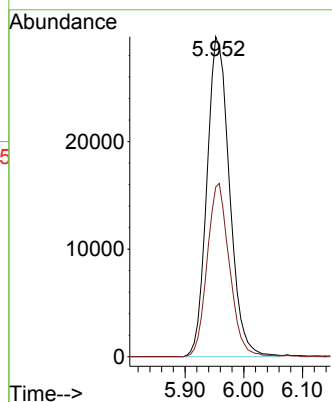
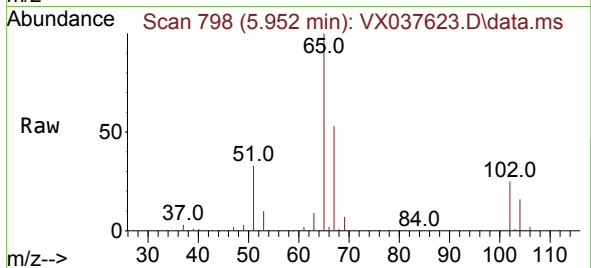
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 65 Resp: 79477

Ion Ratio Lower Upper

65 100

67 53.4 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: VX037623.D

Acq: 09 Sep 2023 13:22

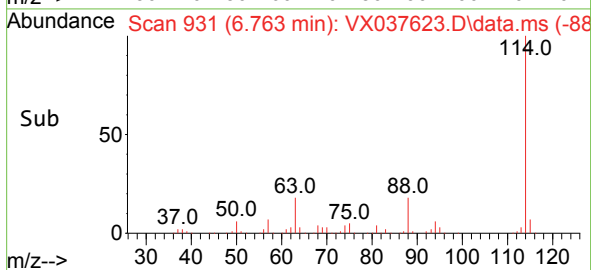
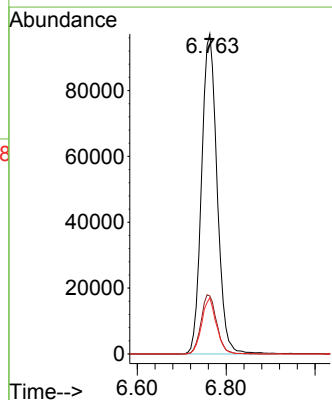
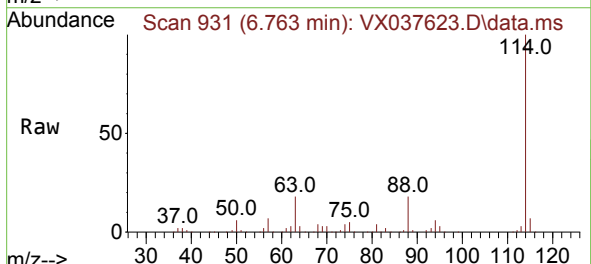
Tgt Ion: 114 Resp: 236460

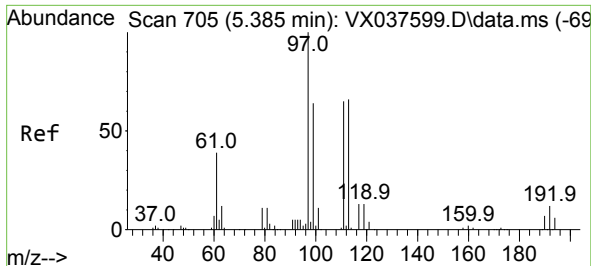
Ion Ratio Lower Upper

114 100

63 18.1 0.0 45.0

88 17.6 0.0 36.6

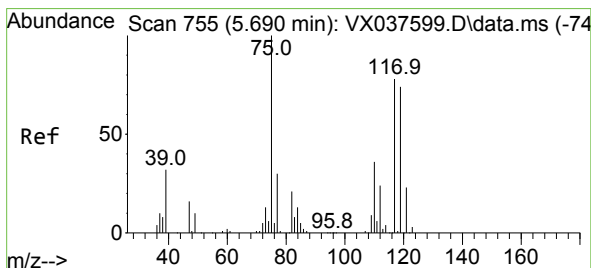
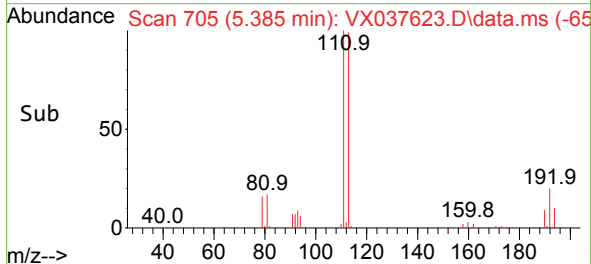
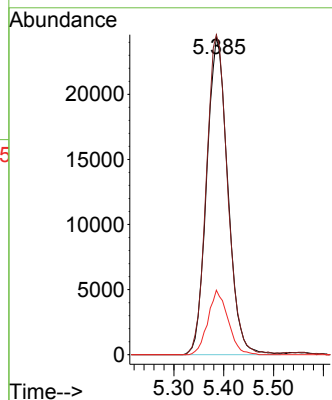
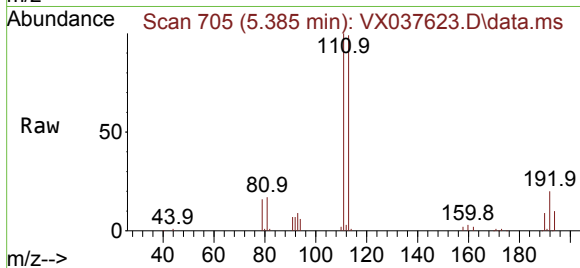




#35
Dibromofluoromethane
Concen: 43.344 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037623.D
Acq: 09 Sep 2023 13:22

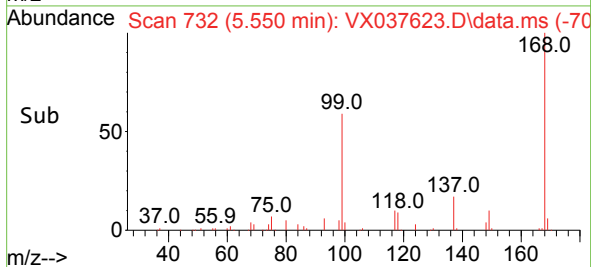
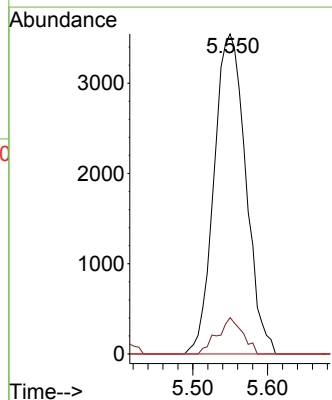
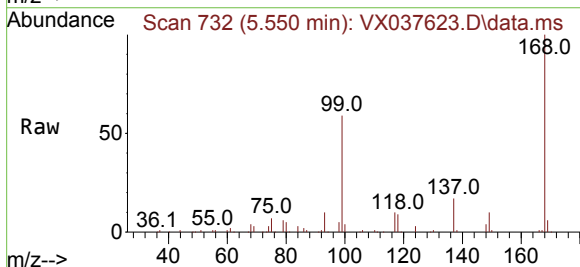
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

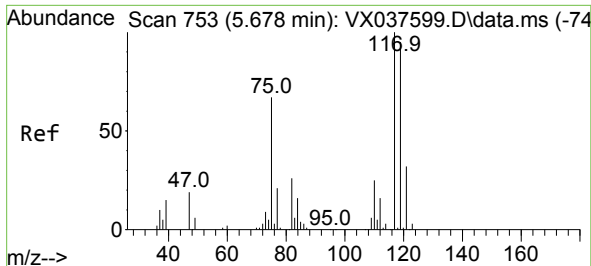
Tgt Ion:	113	Resp:	71687
Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.9	124.3
192	19.3	13.3	19.9



#36
1,1-Dichloropropene
Concen: 4.785 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX037623.D
Acq: 09 Sep 2023 13:22

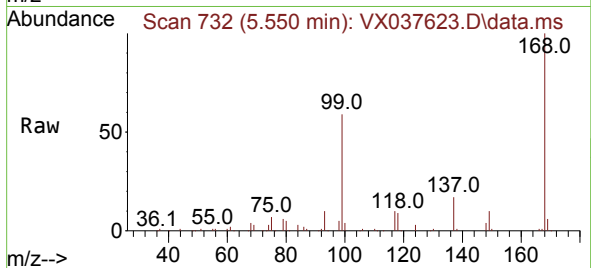
Tgt Ion:	75	Resp:	10455
Ion	Ratio	Lower	Upper
75	100		
110	9.0	17.0	50.9#
77	0.0	24.7	37.1#



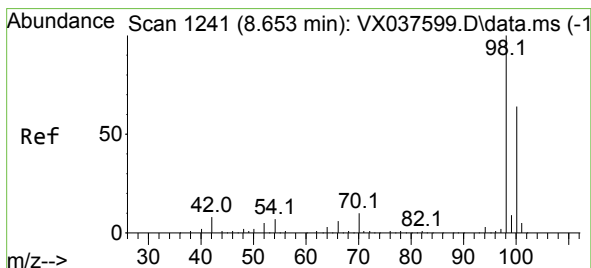
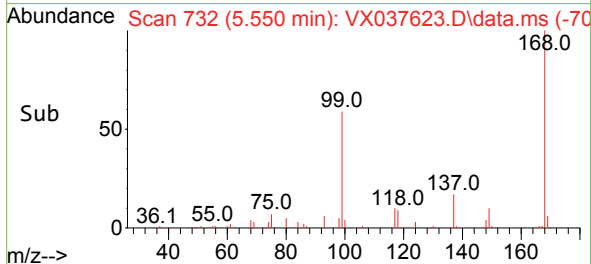
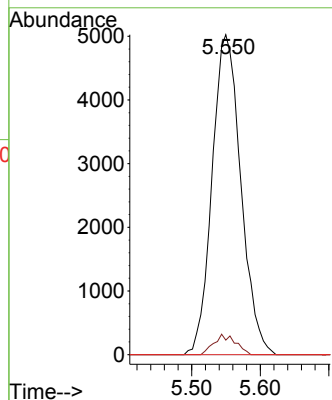


#38
Carbon Tetrachloride
Concen: 6.482 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX037623.D
Acq: 09 Sep 2023 13:22

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

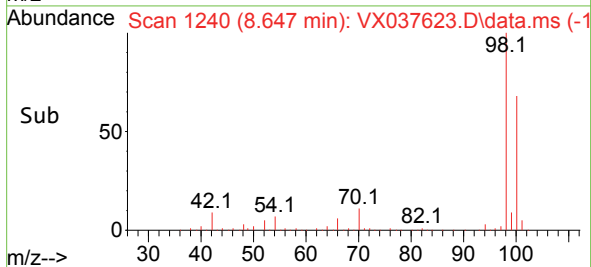
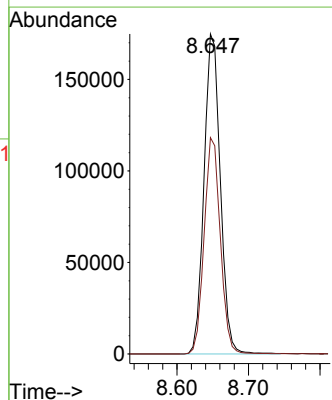
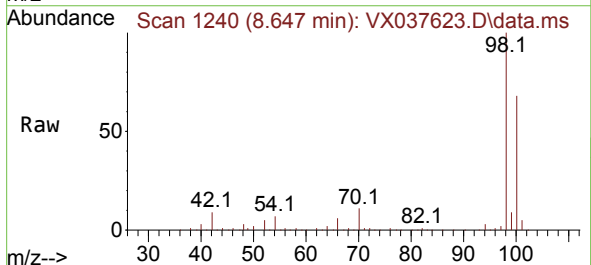


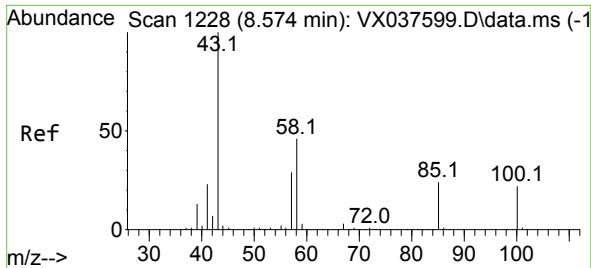
Tgt Ion:117 Resp: 14637
Ion Ratio Lower Upper
117 100
119 4.5 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 45.614 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX037623.D
Acq: 09 Sep 2023 13:22

Tgt Ion: 98 Resp: 276694
Ion Ratio Lower Upper
98 100
100 67.2 53.1 79.7

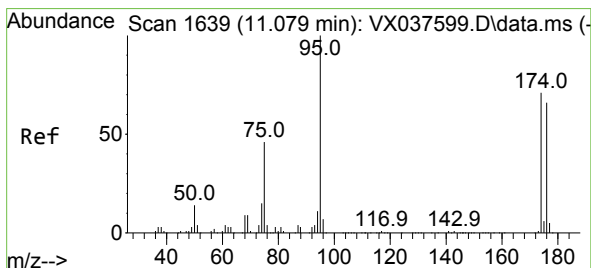
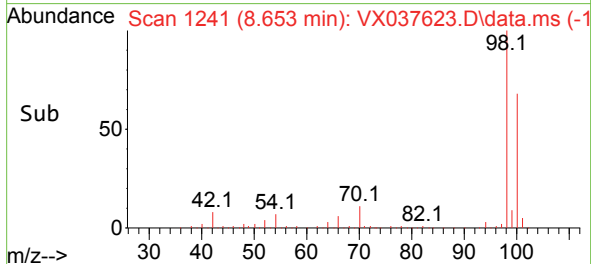
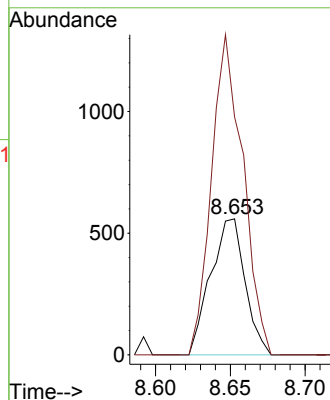
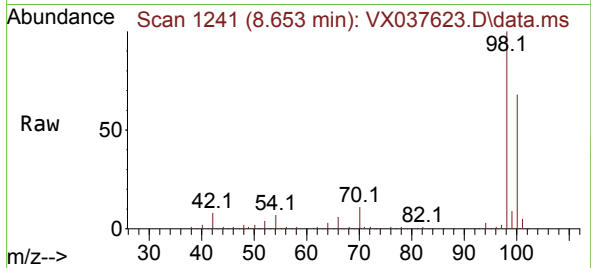




#51
4-Methyl-2-Pentanone
Concen: 0.419 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX037623.D
Acq: 09 Sep 2023 13:22

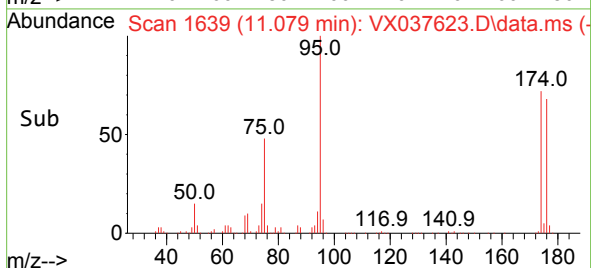
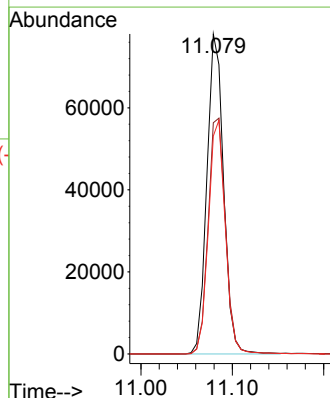
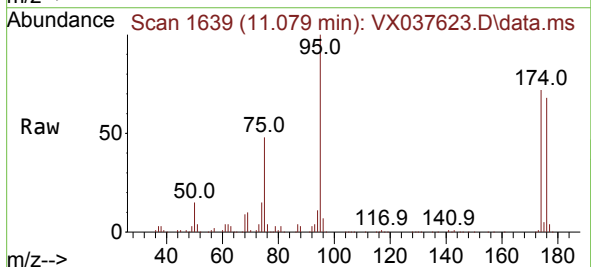
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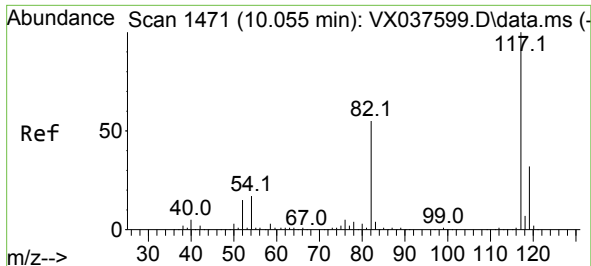
Tgt Ion: 43 Resp: 894
Ion Ratio Lower Upper
43 100
58 215.5 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 43.210 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037623.D
Acq: 09 Sep 2023 13:22

Tgt Ion: 95 Resp: 98787
Ion Ratio Lower Upper
95 100
174 77.1 0.0 135.6
176 73.9 0.0 131.0

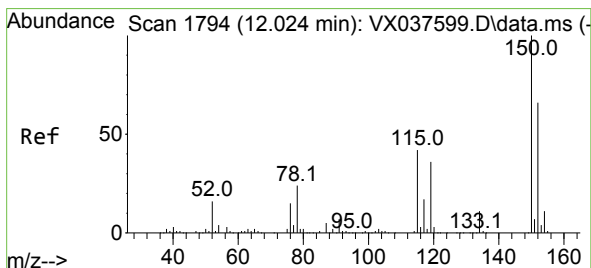
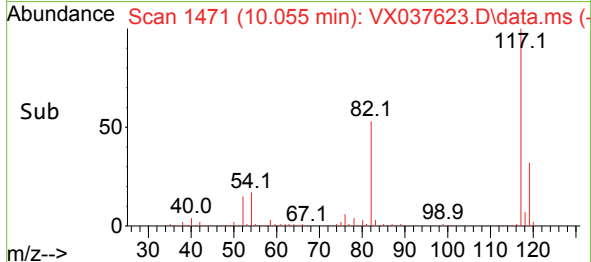
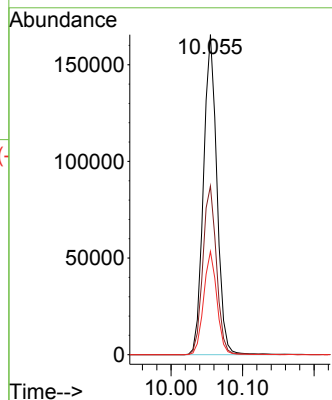
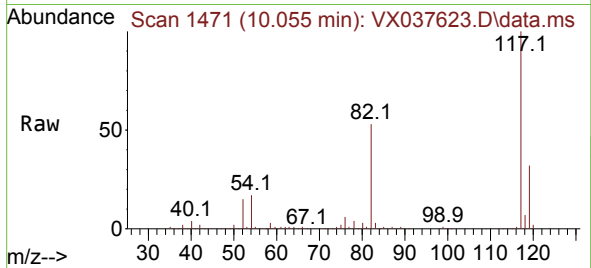




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037623.D
Acq: 09 Sep 2023 13:22

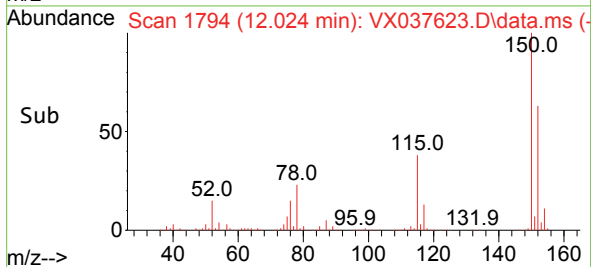
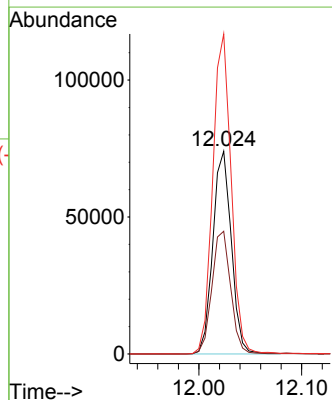
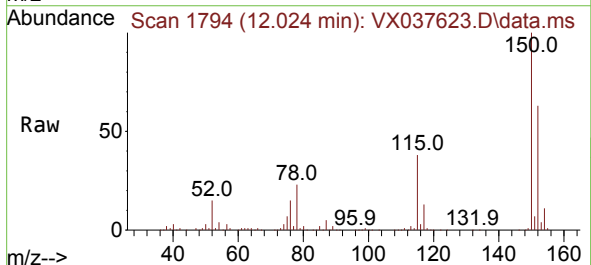
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

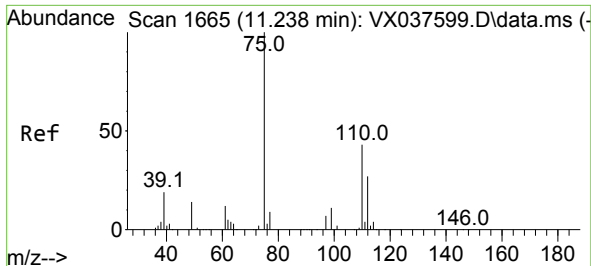
Tgt Ion:117 Resp: 215884
Ion Ratio Lower Upper
117 100
82 52.7 46.2 69.4
119 32.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037623.D
Acq: 09 Sep 2023 13:22

Tgt Ion:152 Resp: 92315
Ion Ratio Lower Upper
152 100
115 61.6 43.3 129.9
150 157.7 0.0 345.0

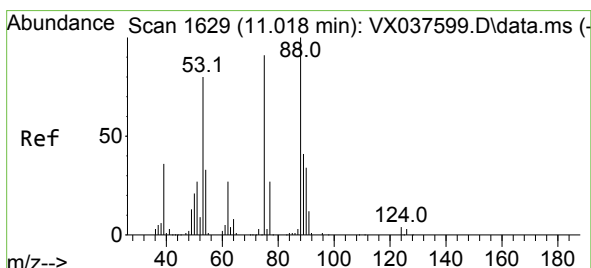
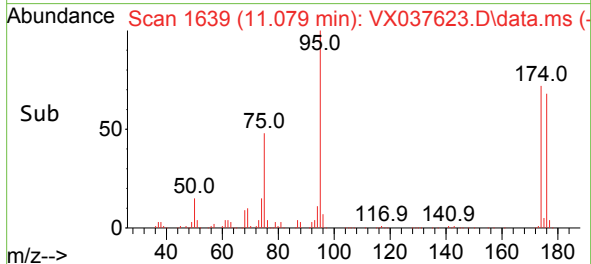
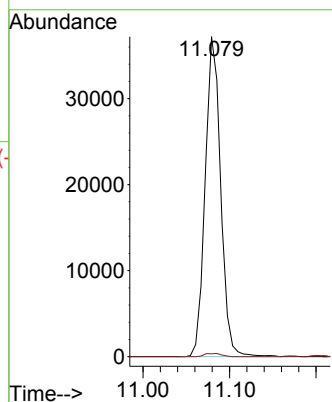
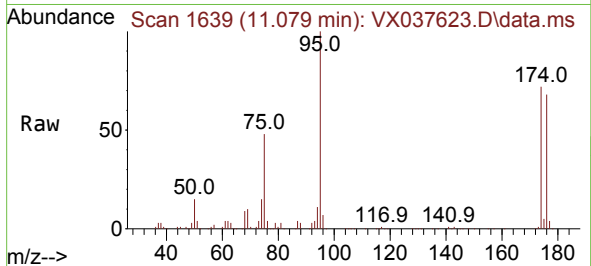




#76
1,2,3-Trichloropropane
Concen: 21.375 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX037623.D
Acq: 09 Sep 2023 13:22

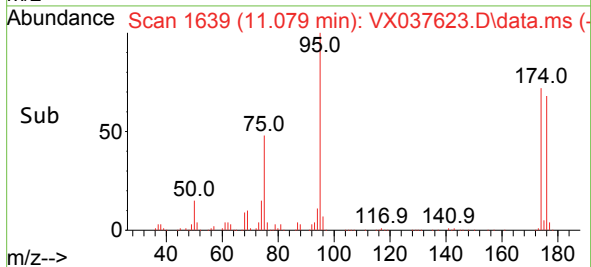
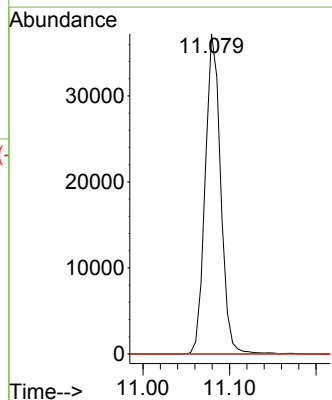
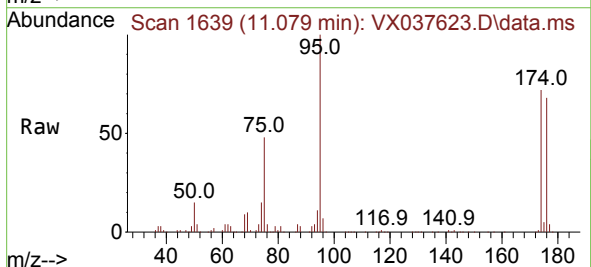
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

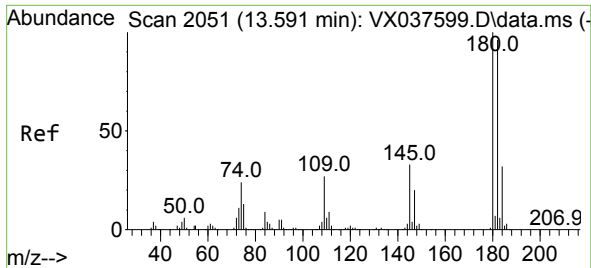
Tgt Ion: 75 Resp: 46193
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.897 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037623.D
Acq: 09 Sep 2023 13:22

Tgt Ion: 75 Resp: 46193
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: 0.218 ug/l

RT: 13.591 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX037623.D

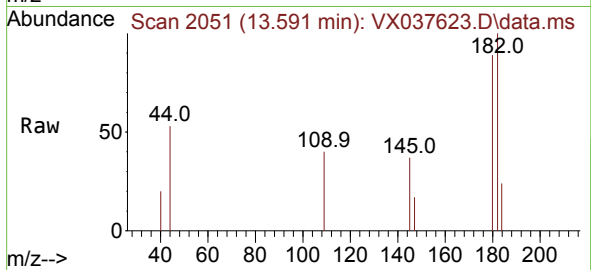
Acq: 09 Sep 2023 13:22

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5



Tgt Ion:180 Resp: 428

Ion Ratio Lower Upper

180 100

182 109.8 48.3 144.8

145 21.0 18.0 54.0

