

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080823\
 Data File : VX036861.D
 Acq On : 08 Aug 2023 14:03
 Operator : JC/MD
 Sample : 03820-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

Quant Time: Aug 09 04:14:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

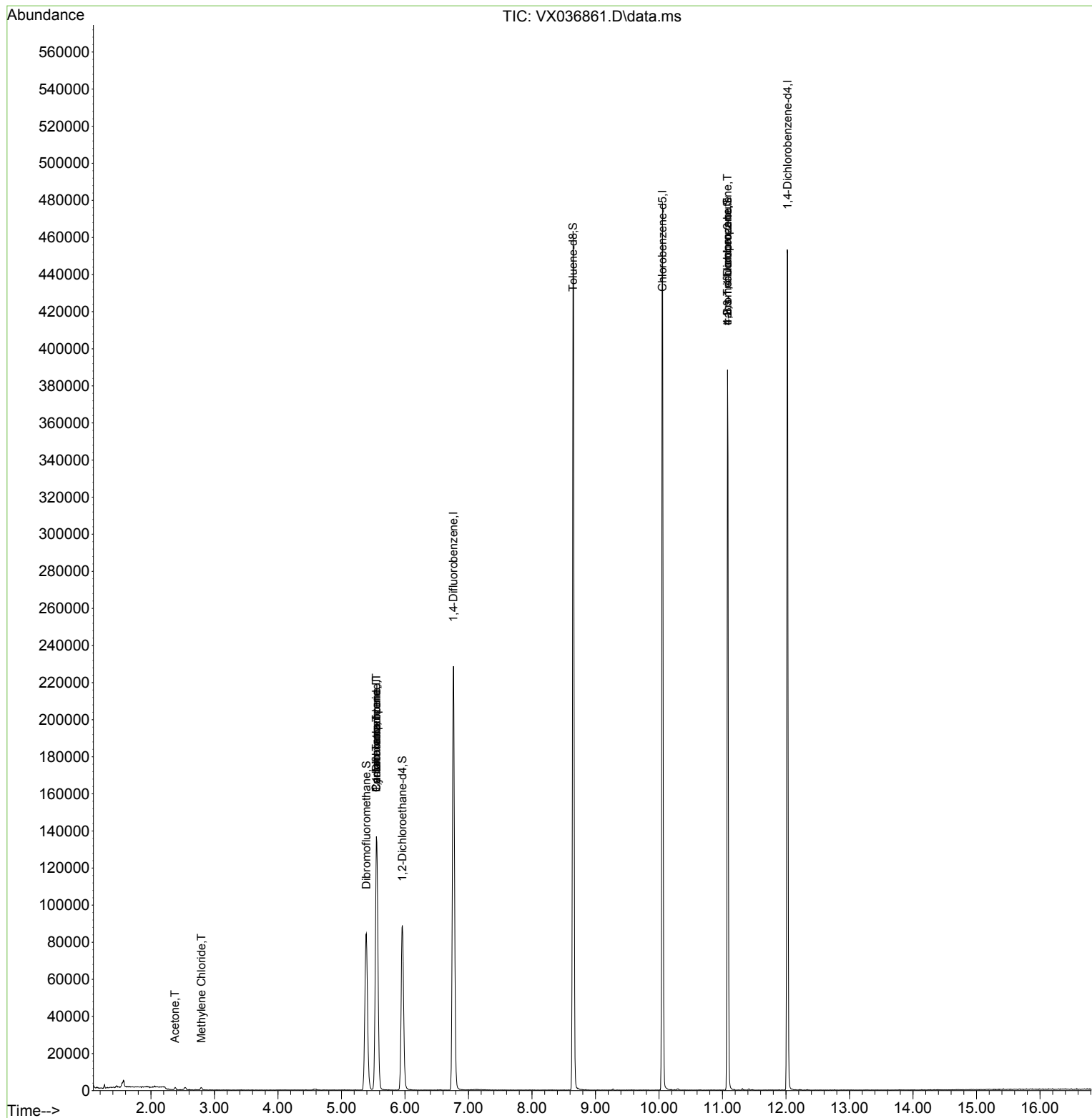
Internal Standards						
1) Pentafluorobenzene	5.550	168	127770	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	234624	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	215782	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96915	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	88822	46.982	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.960%
35) Dibromofluoromethane	5.391	113	75194	46.627	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.260%
50) Toluene-d8	8.647	98	279098	48.803	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.600%
62) 4-Bromofluorobenzene	11.079	95	104901	48.618	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.240%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	1215	1.549	ug/l	96
20) Methylene Chloride	2.794	84	736	0.422	ug/l #	88
31) Cyclohexane	5.550	56	2984	1.140	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	10557	4.392	ug/l #	50
38) Carbon Tetrachloride	5.550	117	13492	5.280	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	55208	24.219	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	55208	54.893	ug/l #	5

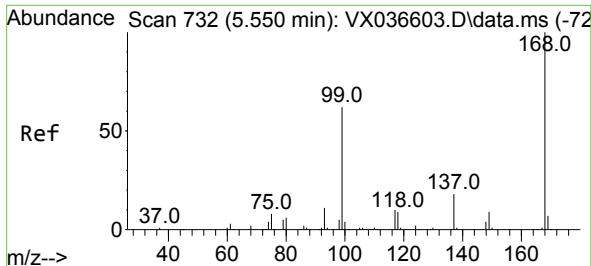
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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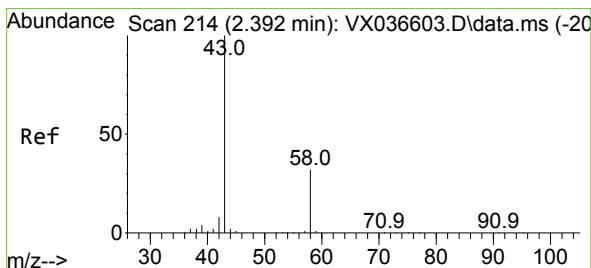
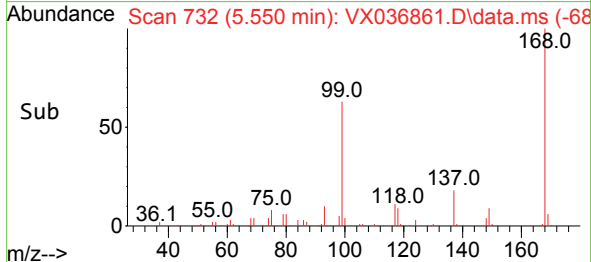
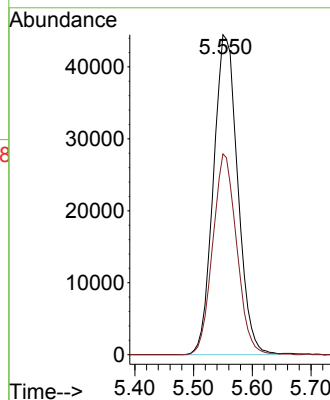
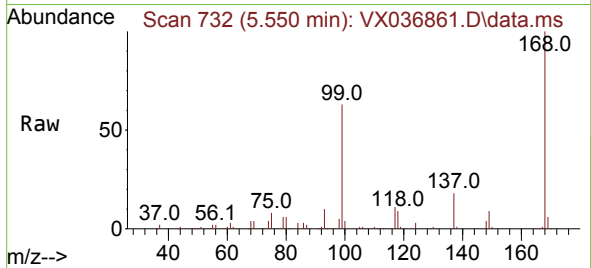




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX036861.D
Acq: 08 Aug 2023 14:03

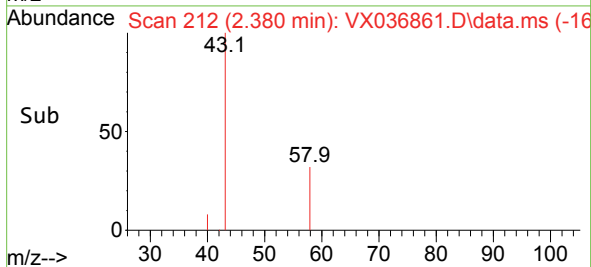
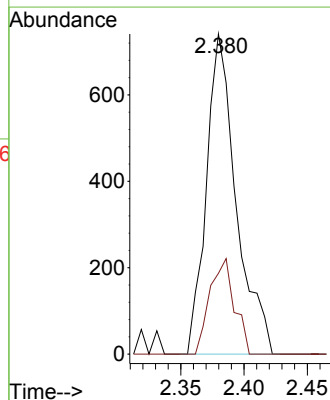
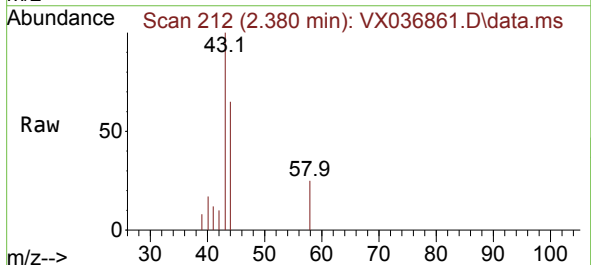
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

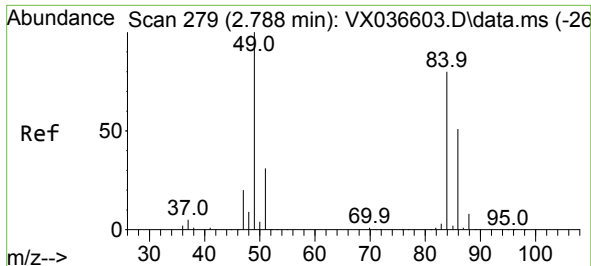
Tgt Ion:168 Resp: 127770
Ion Ratio Lower Upper
168 100
99 62.7 56.6 85.0



#16
Acetone
Concen: 1.549 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036861.D
Acq: 08 Aug 2023 14:03

Tgt Ion: 43 Resp: 1215
Ion Ratio Lower Upper
43 100
58 25.2 21.9 32.9





#20

Methylene Chloride

Concen: 0.422 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX036861.D

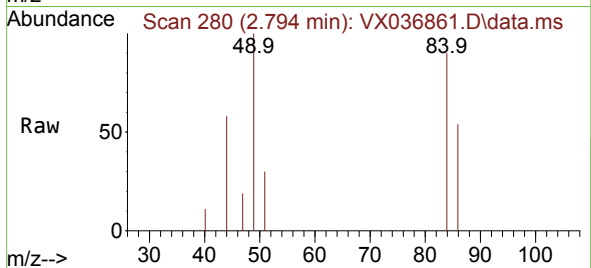
Acq: 08 Aug 2023 14:03

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG



Tgt Ion: 84 Resp: 736

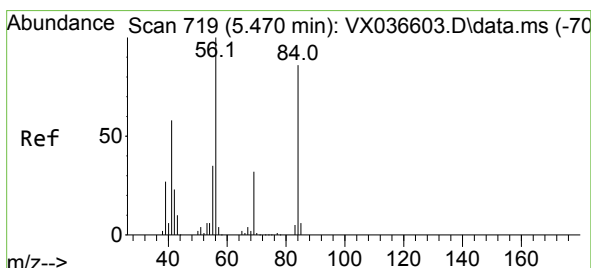
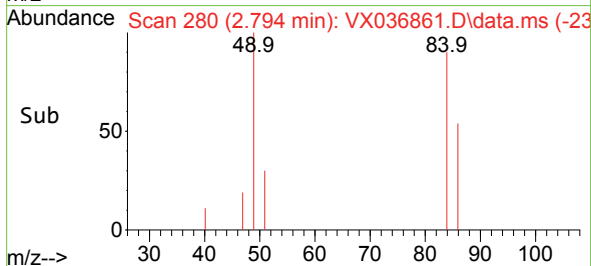
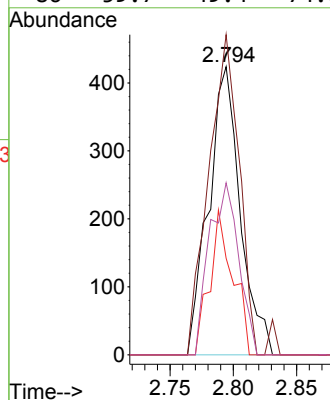
Ion Ratio Lower Upper

84 100

49 111.1 103.6 155.4

51 33.5 33.8 50.6#

86 59.7 49.4 74.0



#31

Cyclohexane

Concen: 1.140 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX036861.D

Acq: 08 Aug 2023 14:03

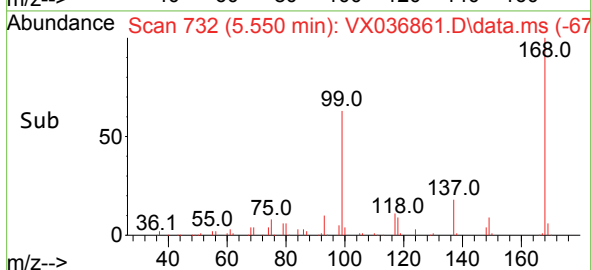
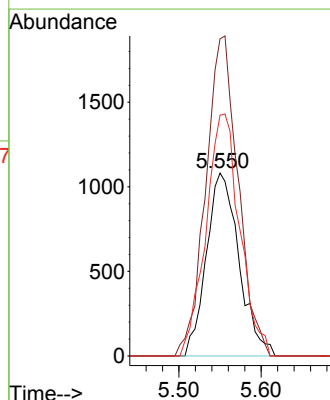
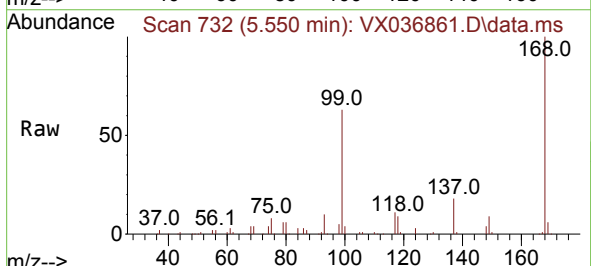
Tgt Ion: 56 Resp: 2984

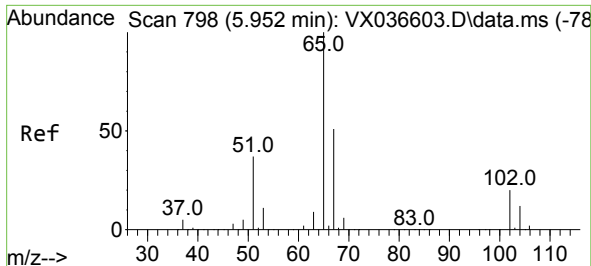
Ion Ratio Lower Upper

56 100

69 173.5 23.4 35.2#

84 131.7 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 46.982 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036861.D

Acq: 08 Aug 2023 14:03

Instrument :

MSVOA_X

ClientSampleId :

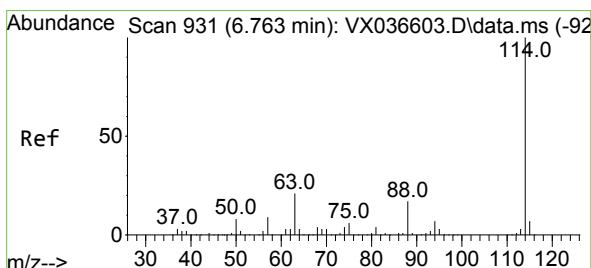
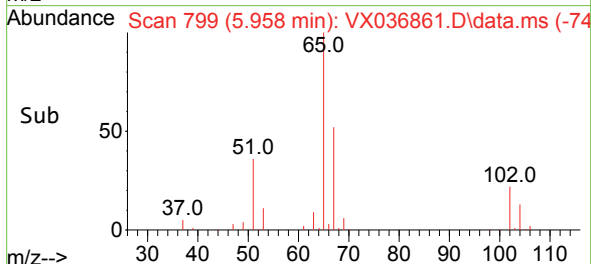
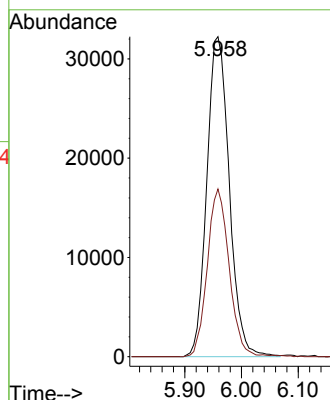
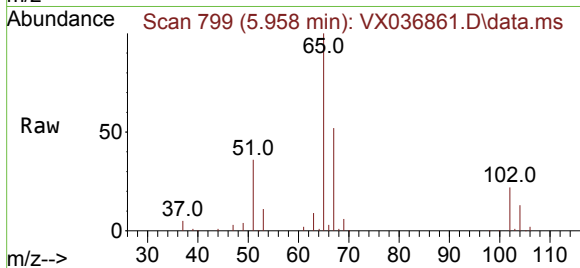
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 65 Resp: 88822

Ion Ratio Lower Upper

65 100

67 51.2 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: VX036861.D

Acq: 08 Aug 2023 14:03

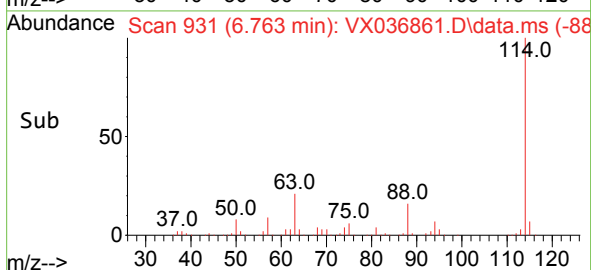
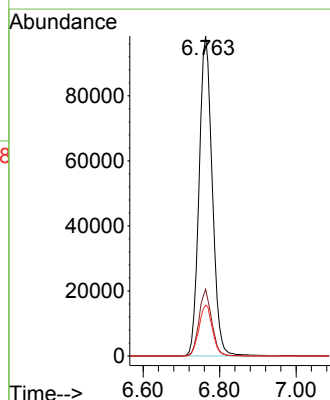
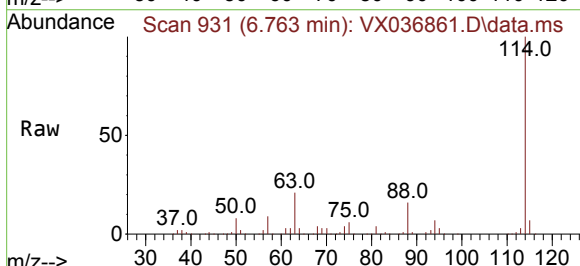
Tgt Ion: 114 Resp: 234624

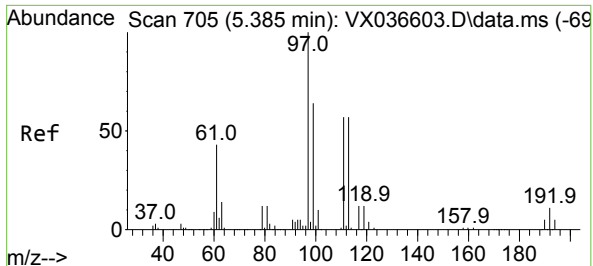
Ion Ratio Lower Upper

114 100

63 20.9 0.0 45.0

88 15.9 0.0 36.6

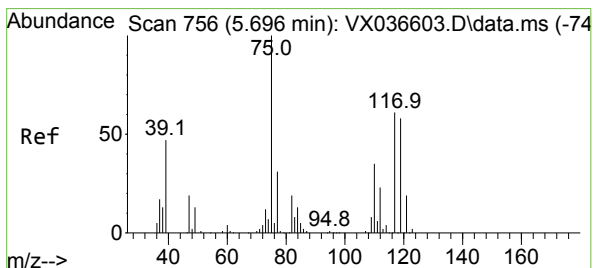
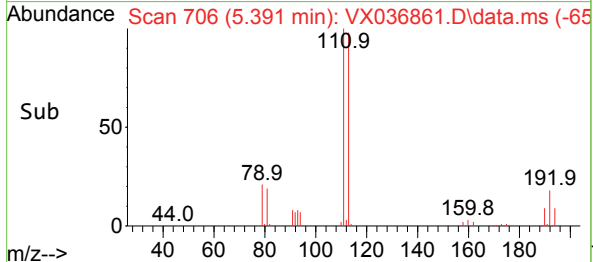
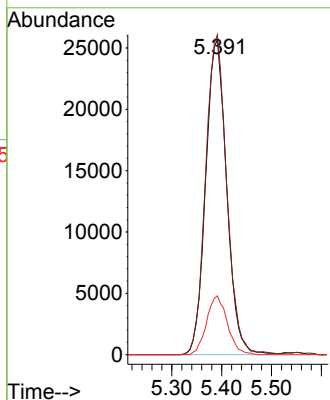
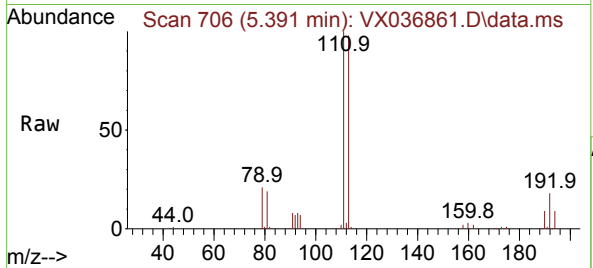




#35
Dibromofluoromethane
Concen: 46.627 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX036861.D
Acq: 08 Aug 2023 14:03

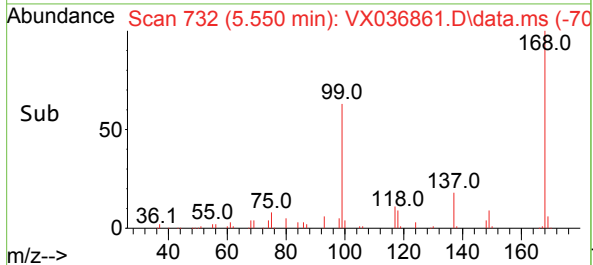
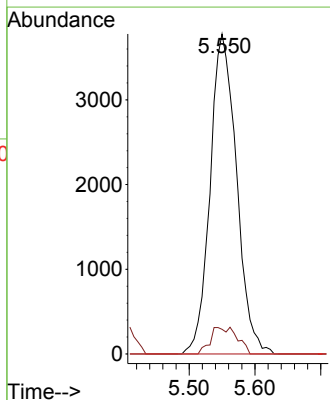
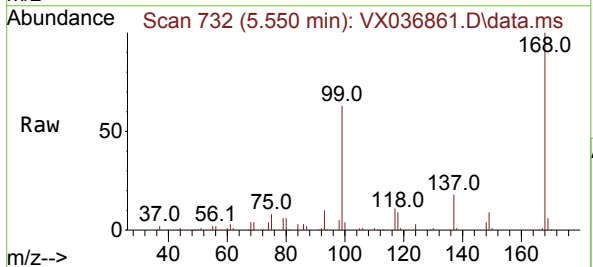
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

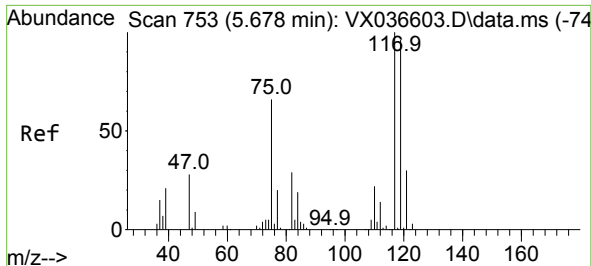
Tgt Ion:113 Resp: 75194
Ion Ratio Lower Upper
113 100
111 101.6 82.9 124.3
192 18.4 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.392 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX036861.D
Acq: 08 Aug 2023 14:03

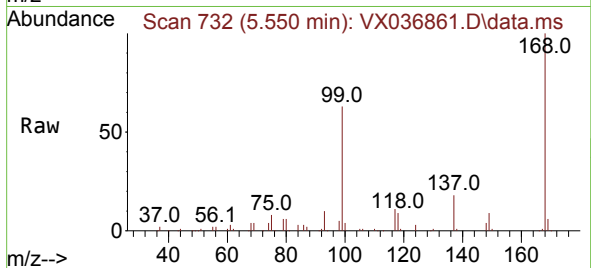
Tgt Ion: 75 Resp: 10557
Ion Ratio Lower Upper
75 100
110 8.4 17.0 50.9#
77 0.0 24.7 37.1#



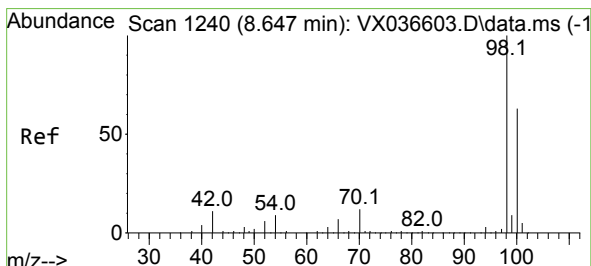
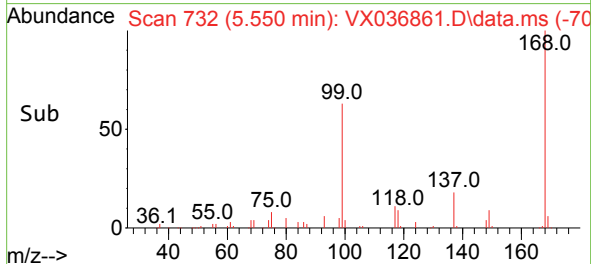
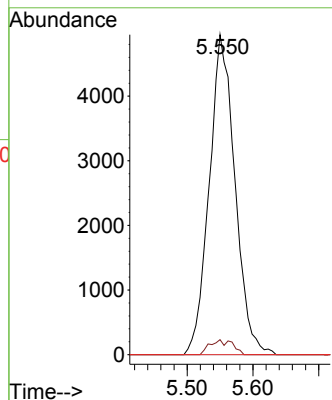


#38
Carbon Tetrachloride
Concen: 5.280 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX036861.D
Acq: 08 Aug 2023 14:03

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

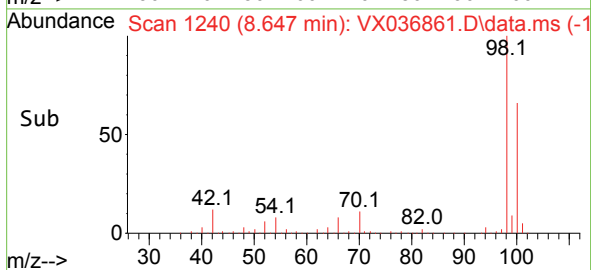
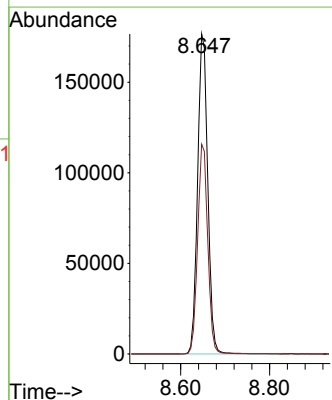
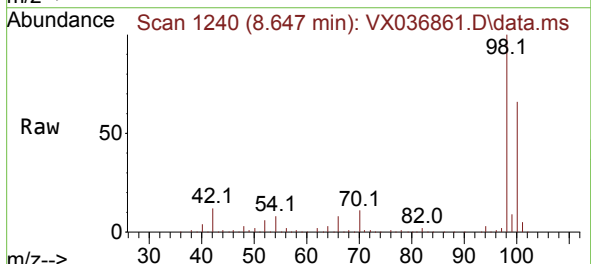


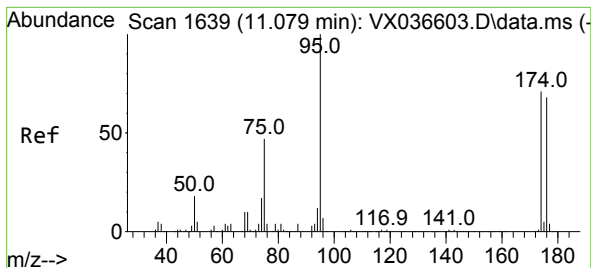
Tgt Ion:117 Resp: 13492
Ion Ratio Lower Upper
117 100
119 4.7 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.803 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX036861.D
Acq: 08 Aug 2023 14:03

Tgt Ion: 98 Resp: 279098
Ion Ratio Lower Upper
98 100
100 65.2 53.1 79.7

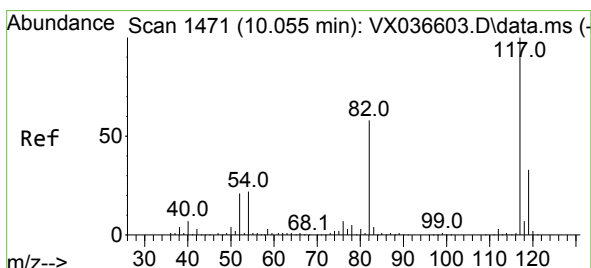
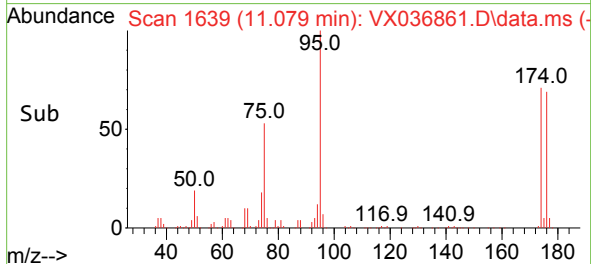
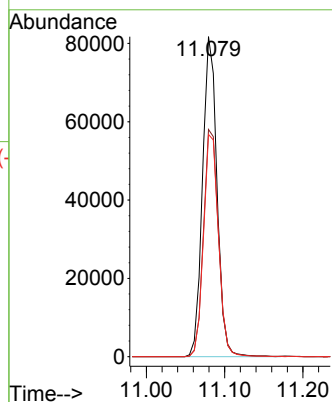
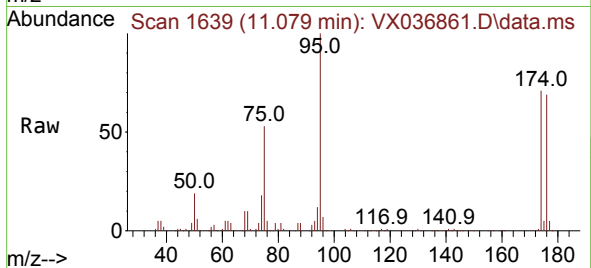




#62
4-Bromofluorobenzene
Concen: 48.618 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036861.D
Acq: 08 Aug 2023 14:03

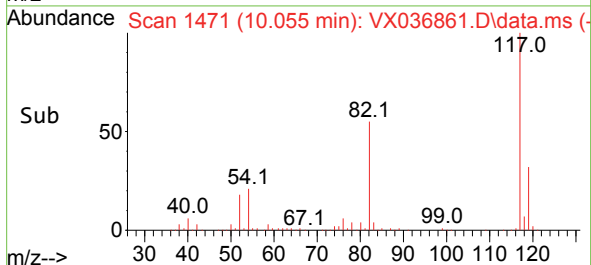
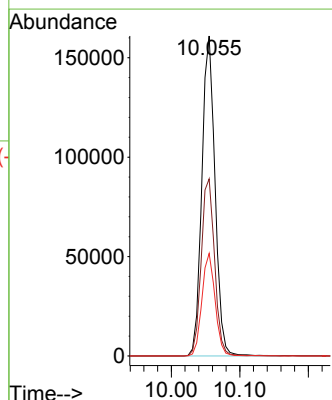
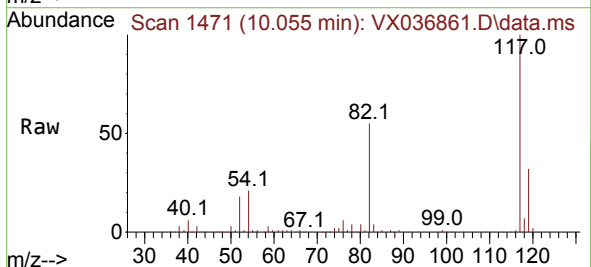
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STORAGE-BLANK-SAMPLE-MANAG

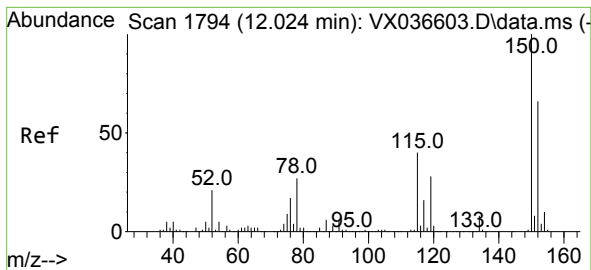
Tgt Ion: 95 Resp: 104901
Ion Ratio Lower Upper
95 100
174 73.1 0.0 135.6
176 71.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036861.D
Acq: 08 Aug 2023 14:03

Tgt Ion: 117 Resp: 215782
Ion Ratio Lower Upper
117 100
82 55.3 46.2 69.4
119 32.1 25.5 38.3

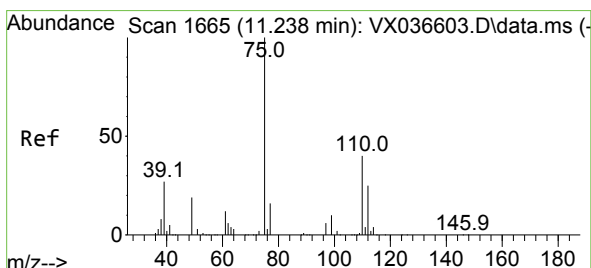
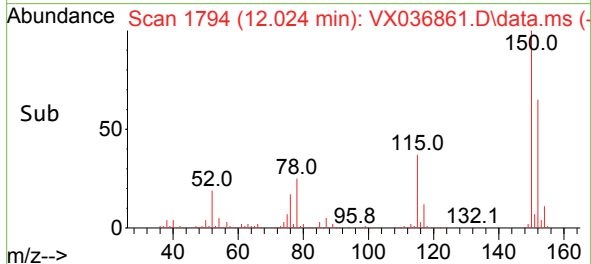
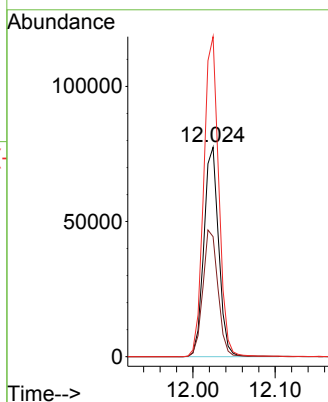
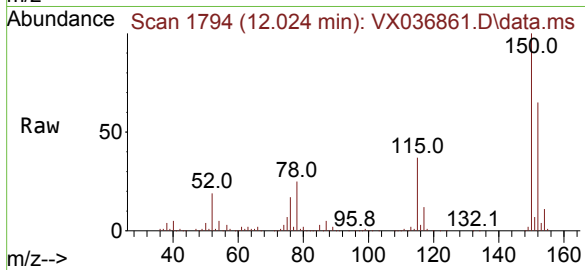




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX036861.D
 Acq: 08 Aug 2023 14:03

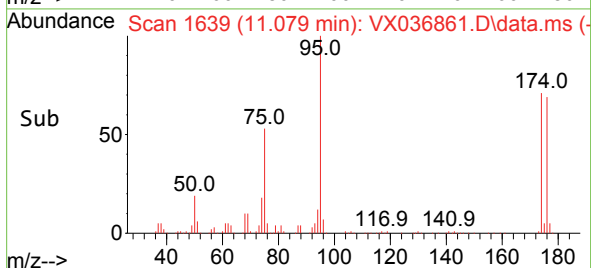
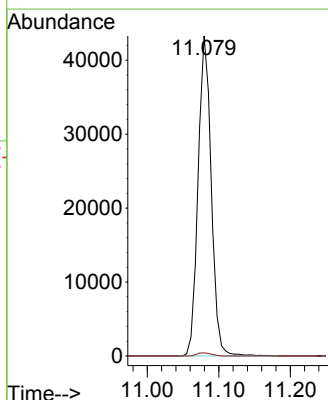
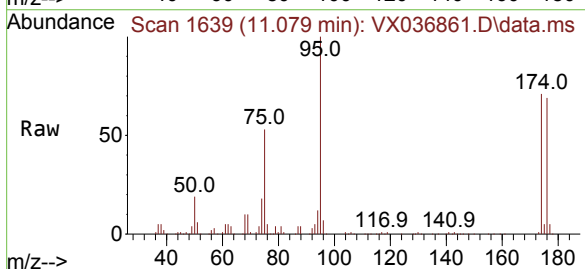
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

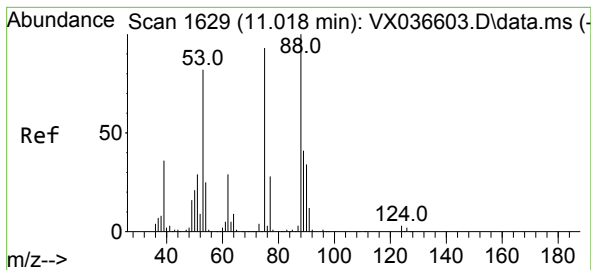
Tgt Ion:152 Resp: 96915
 Ion Ratio Lower Upper
 152 100
 115 61.8 43.3 129.9
 150 155.4 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 24.219 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX036861.D
 Acq: 08 Aug 2023 14:03

Tgt Ion: 75 Resp: 55208
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 54.893 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX036861.D
 Acq: 08 Aug 2023 14:03

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 75 Resp: 55208
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

