

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072423\
 Data File : VX036636.D
 Acq On : 24 Jul 2023 17:44
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jul 25 06:38:26 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)

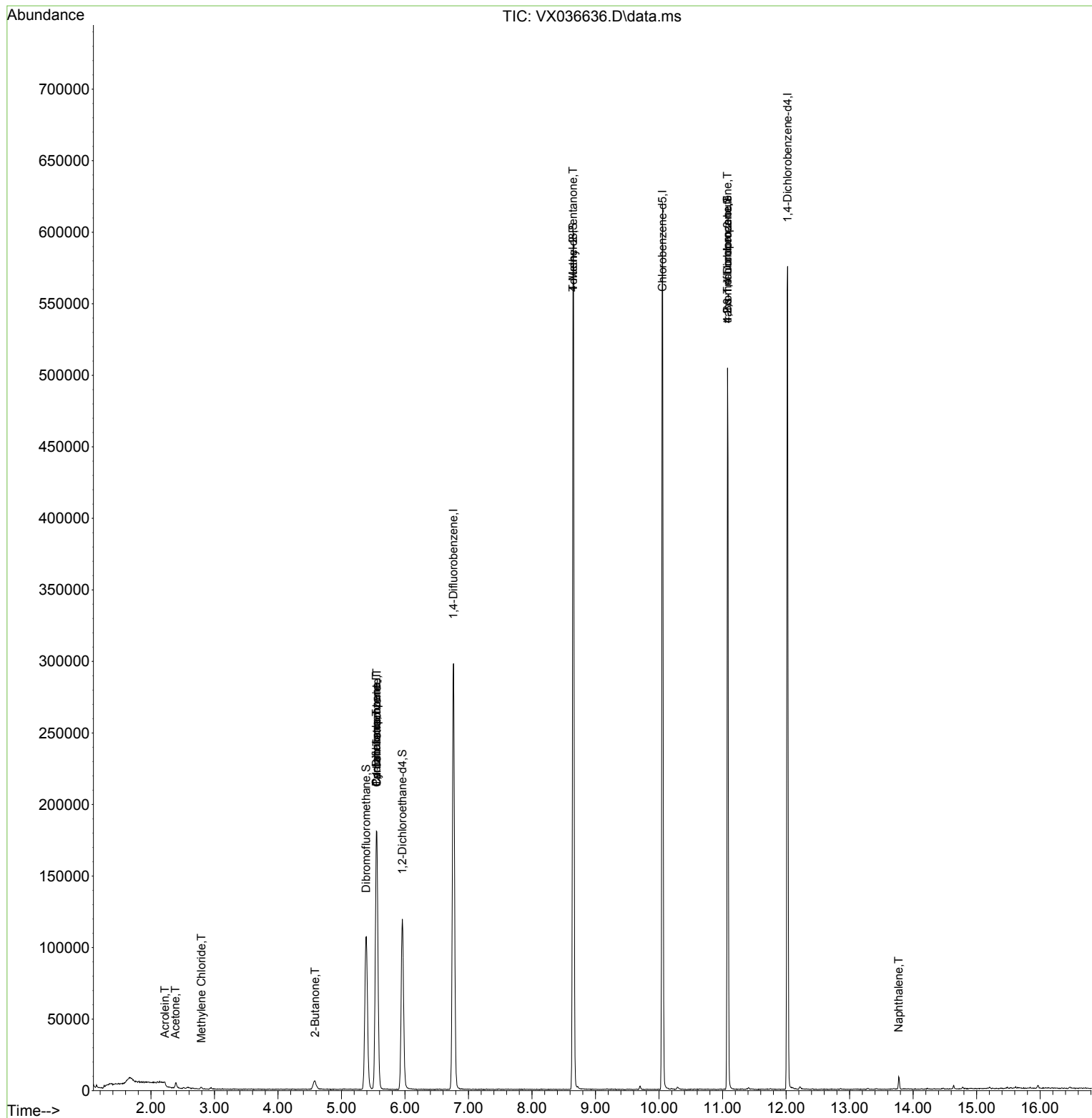
Internal Standards						
1) Pentafluorobenzene	5.550	168	168975	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	301087	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	272625	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	119235	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	114952	45.976	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.960%
35) Dibromofluoromethane	5.385	113	95875	46.328	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.660%
50) Toluene-d8	8.647	98	358677	48.873	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.740%
62) 4-Bromofluorobenzene	11.079	95	133485	48.209	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.420%
Target Compounds						
					Qvalue	
13) Acrolein	2.221	56	96	0.284	ug/l #	14
16) Acetone	2.386	43	4800	4.626	ug/l	97
20) Methylene Chloride	2.794	84	715	0.310	ug/l #	71
25) 2-Butanone	4.586	43	477	0.283	ug/l #	51
31) Cyclohexane	5.550	56	4082	1.179	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	14053	4.556	ug/l #	51
38) Carbon Tetrachloride	5.556	117	18213	5.554	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1921	0.578	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	69291	24.707	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	69291	55.999	ug/l #	5
95) Naphthalene	13.774	128	5910	0.685	ug/l	99

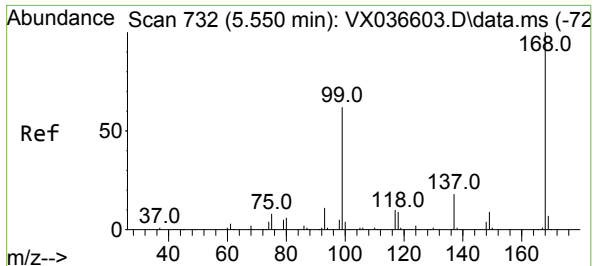
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072423\
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Response via : Initial Calibration

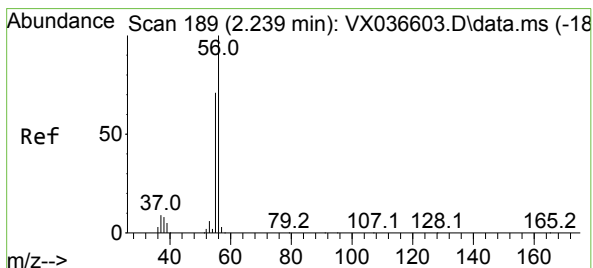
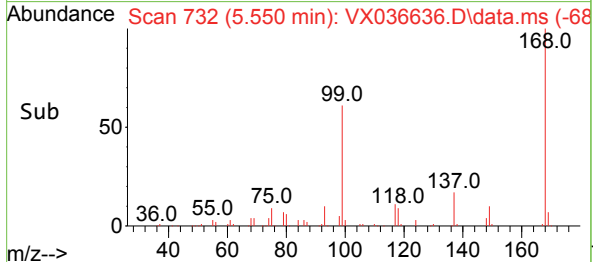
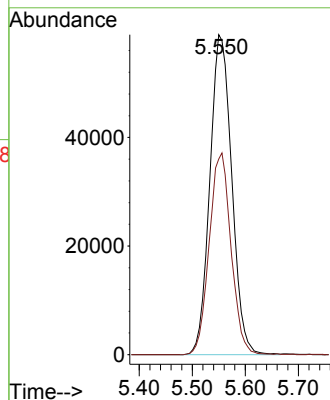
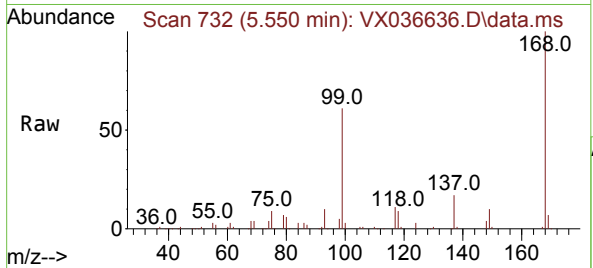




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX036636.D
Acq: 24 Jul 2023 17:44

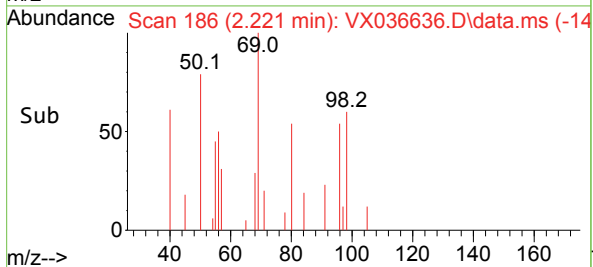
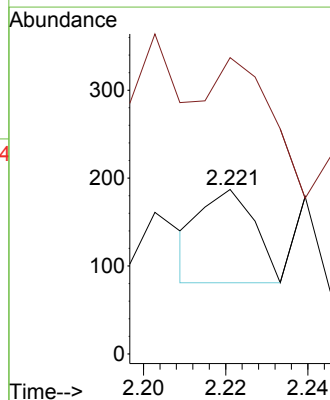
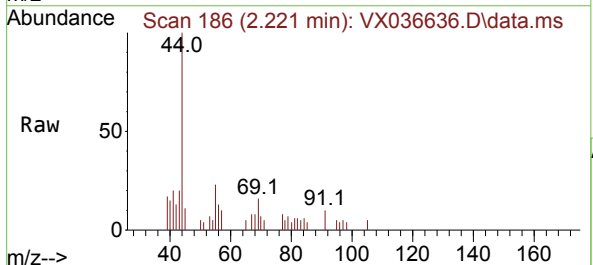
Instrument :
MSVOA_X
ClientSampleId :
IBLK

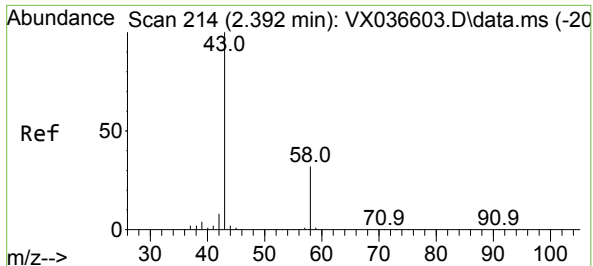
Tgt Ion:168 Resp: 168975
Ion Ratio Lower Upper
168 100
99 61.2 56.6 85.0



#13
Acrolein
Concen: 0.284 ug/l
RT: 2.221 min Scan# 186
Delta R.T. -0.018 min
Lab File: VX036636.D
Acq: 24 Jul 2023 17:44

Tgt Ion: 56 Resp: 96
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#

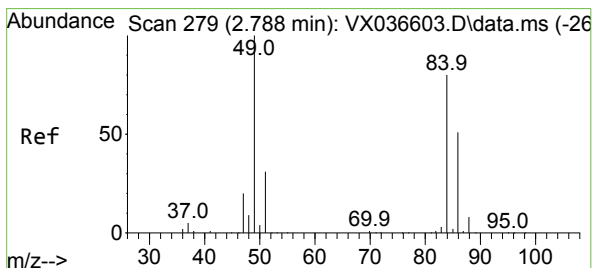
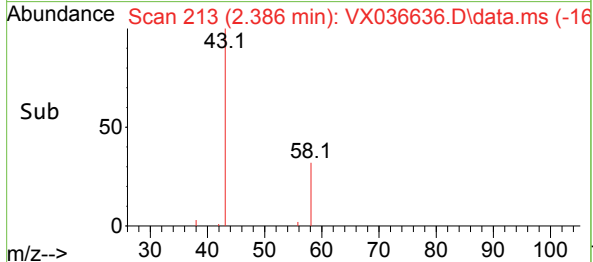
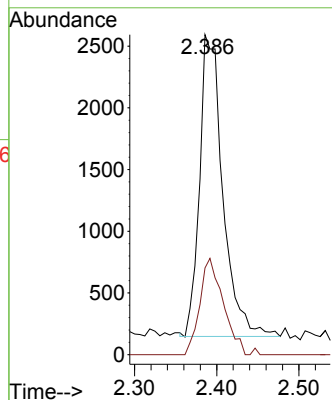
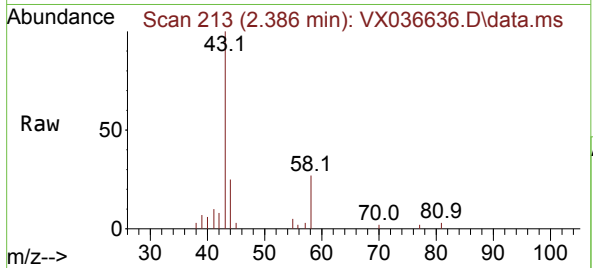




#16
Acetone
Concen: 4.626 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX036636.D
Acq: 24 Jul 2023 17:44

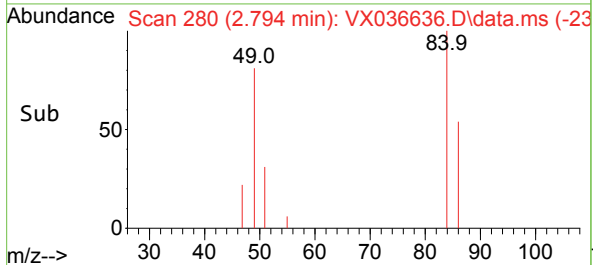
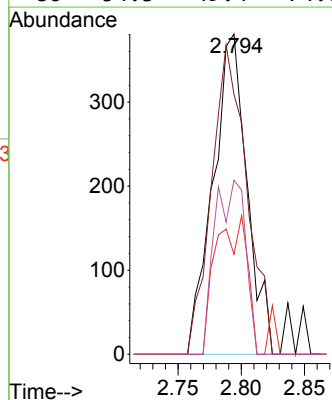
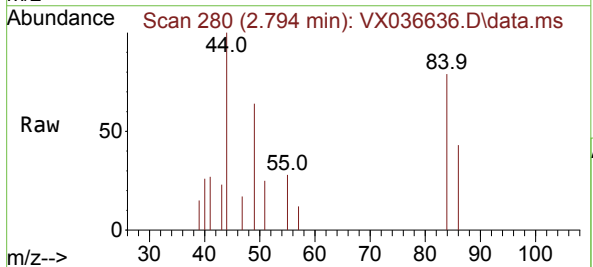
Instrument :
MSVOA_X
ClientSampleId :
IBLK

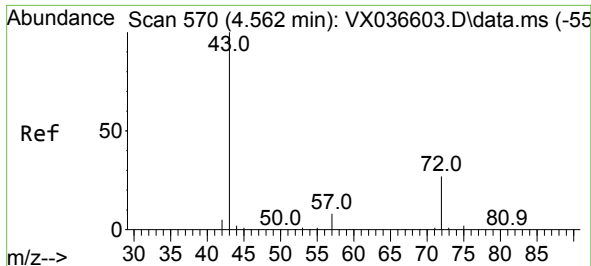
Tgt Ion: 43 Resp: 4800
Ion Ratio Lower Upper
43 100
58 28.8 21.9 32.9



#20
Methylene Chloride
Concen: 0.310 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX036636.D
Acq: 24 Jul 2023 17:44

Tgt Ion: 84 Resp: 715
Ion Ratio Lower Upper
84 100
49 81.1 103.6 155.4#
51 31.2 33.8 50.6#
86 54.3 49.4 74.0

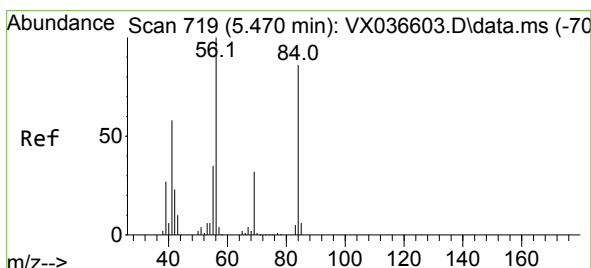
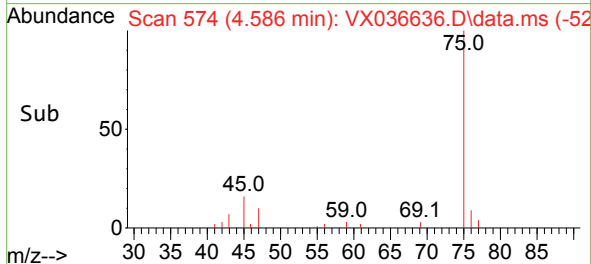
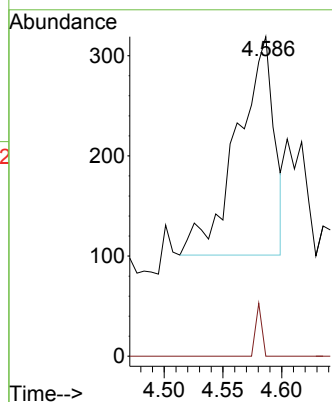
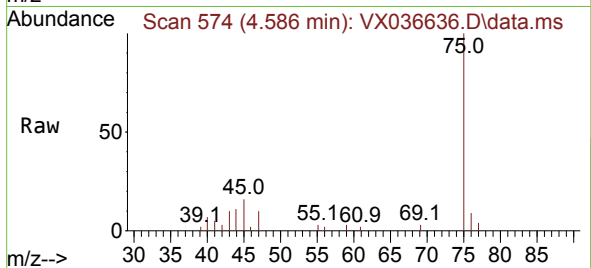




#25
2-Butanone
Concen: 0.283 ug/l
RT: 4.586 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX036636.D
Acq: 24 Jul 2023 17:44

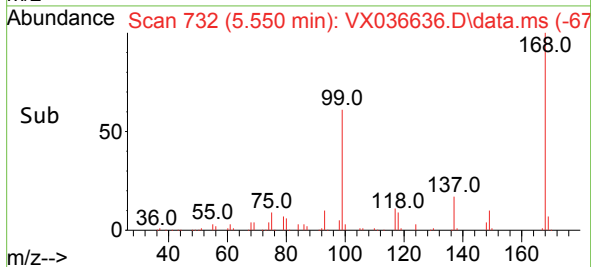
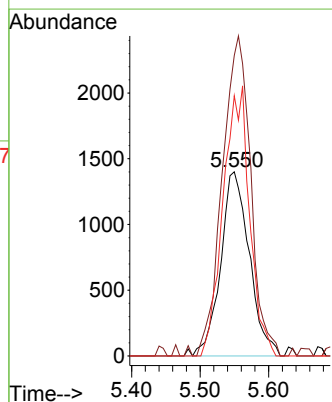
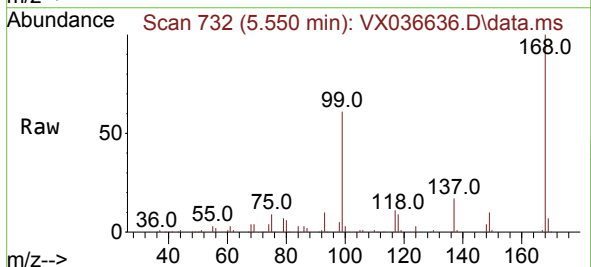
Instrument :
MSVOA_X
ClientSampleId :
IBLK

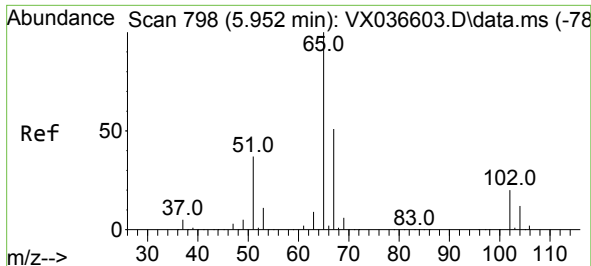
Tgt Ion: 43 Resp: 477
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#31
Cyclohexane
Concen: 1.179 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX036636.D
Acq: 24 Jul 2023 17:44

Tgt Ion: 56 Resp: 4082
Ion Ratio Lower Upper
56 100
69 163.1 23.4 35.2#
84 141.3 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 45.976 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036636.D

Acq: 24 Jul 2023 17:44

Instrument :

MSVOA_X

ClientSampleId :

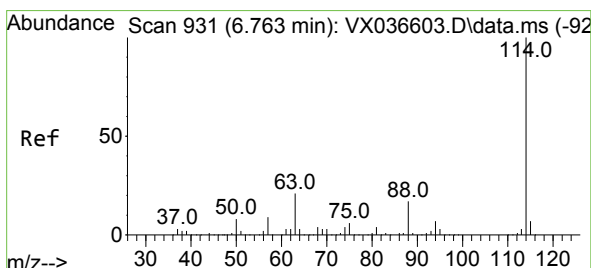
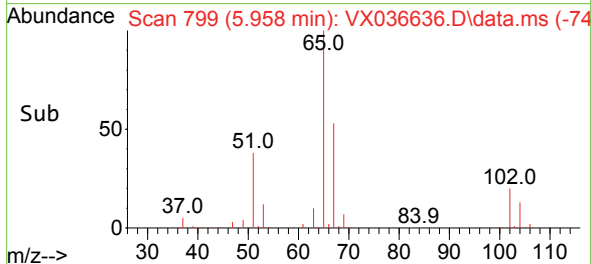
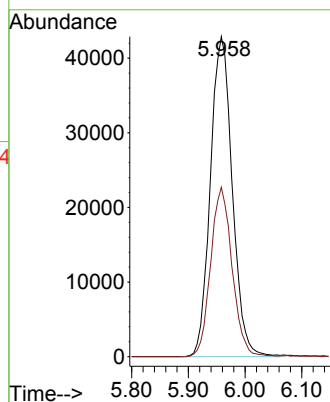
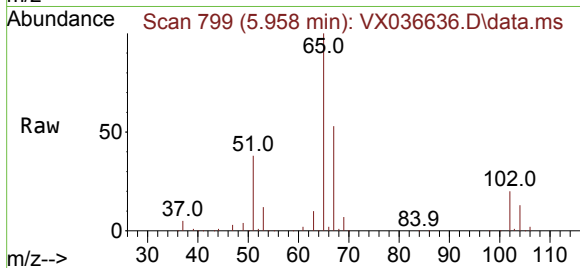
IBLK

Tgt Ion: 65 Resp: 114952

Ion Ratio Lower Upper

65 100

67 51.9 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: VX036636.D

Acq: 24 Jul 2023 17:44

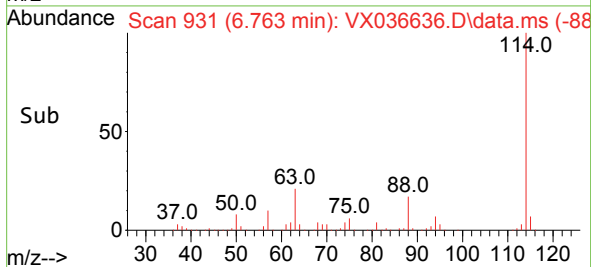
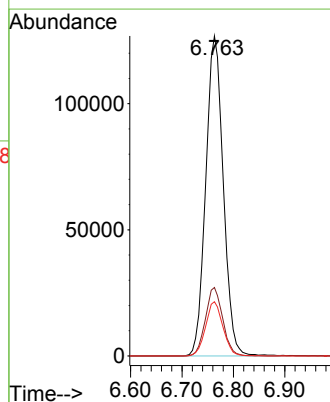
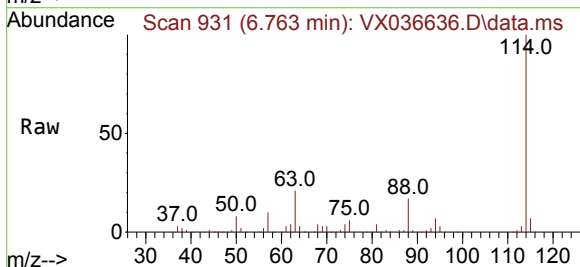
Tgt Ion: 114 Resp: 301087

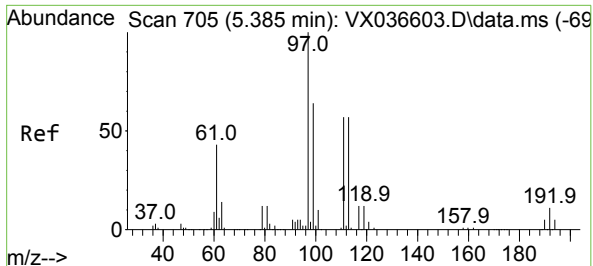
Ion Ratio Lower Upper

114 100

63 21.4 0.0 45.0

88 16.9 0.0 36.6

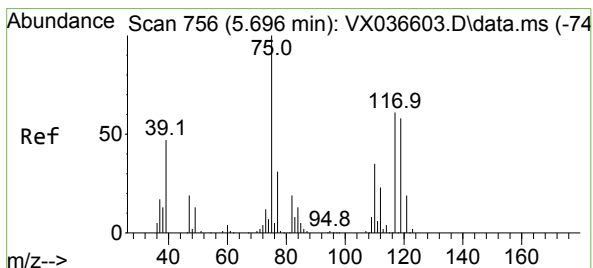
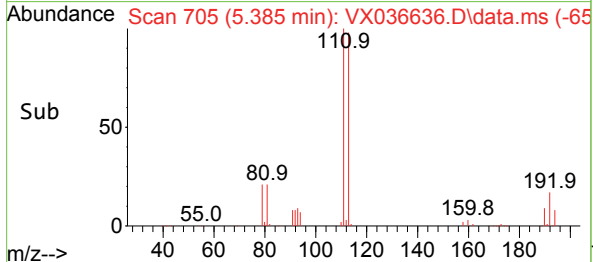
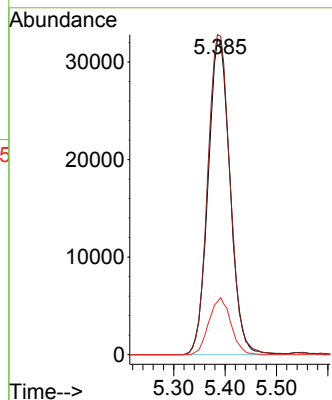
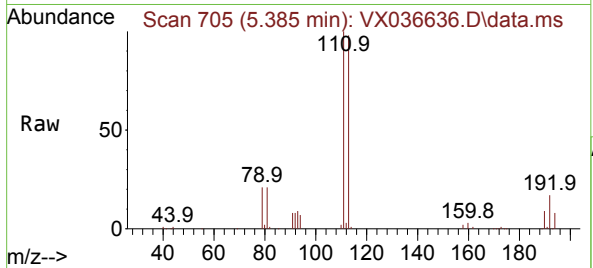




#35
Dibromofluoromethane
Concen: 46.328 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX036636.D
Acq: 24 Jul 2023 17:44

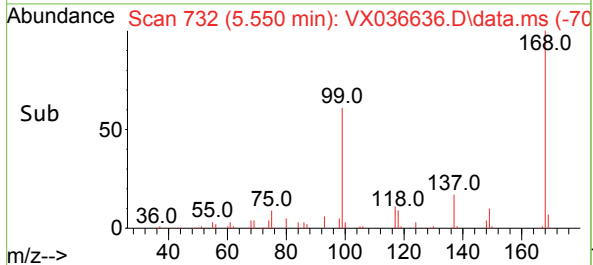
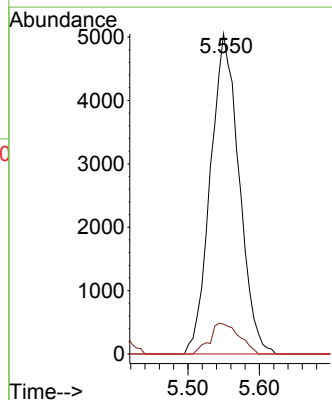
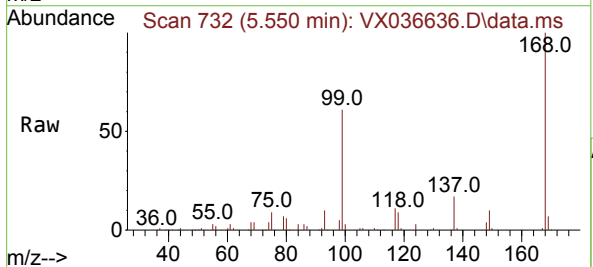
Instrument :
MSVOA_X
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IBLK

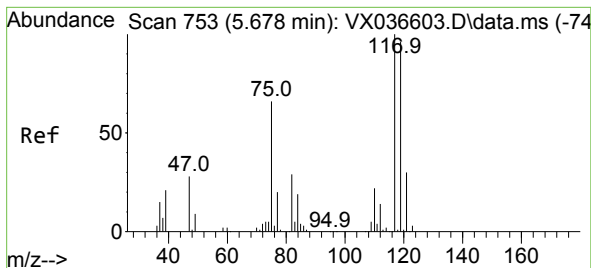
Tgt Ion:113 Resp: 95875
Ion Ratio Lower Upper
113 100
111 103.2 82.9 124.3
192 18.0 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.556 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX036636.D
Acq: 24 Jul 2023 17:44

Tgt Ion: 75 Resp: 14053
Ion Ratio Lower Upper
75 100
110 9.8 17.0 50.9#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 5.554 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.122 min

Lab File: VX036636.D

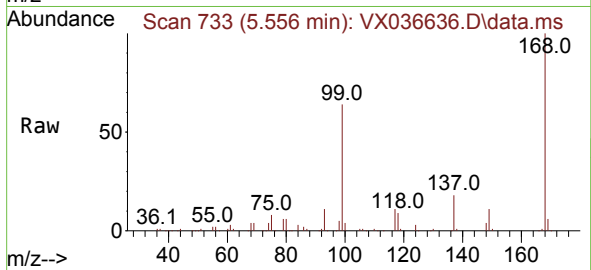
Acq: 24 Jul 2023 17:44

Instrument :

MSVOA_X

ClientSampleId :

IBLK



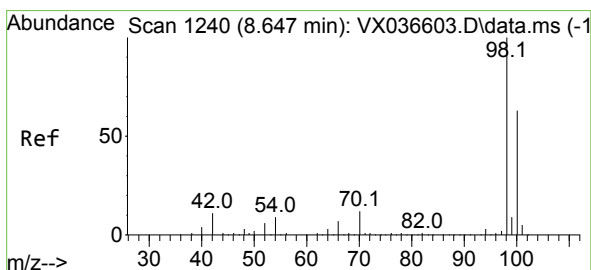
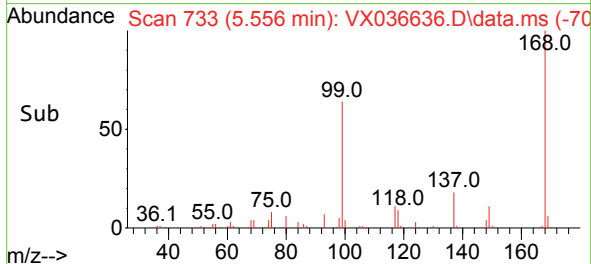
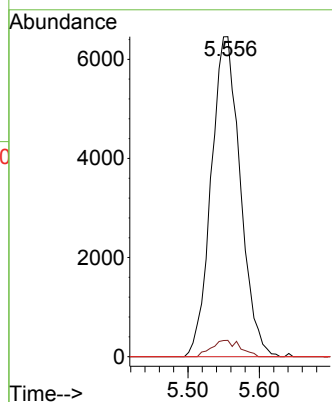
Tgt Ion:117 Resp: 18213

Ion Ratio Lower Upper

117 100

119 5.1 78.2 117.2#

121 0.0 24.4 36.6#



#50

Toluene-d8

Concen: 48.873 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX036636.D

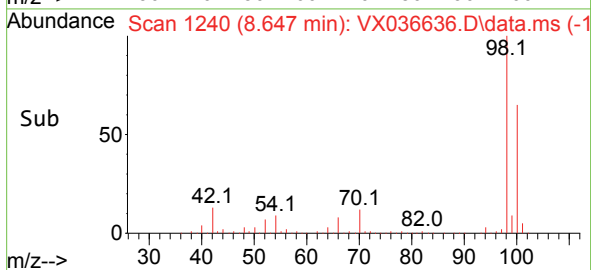
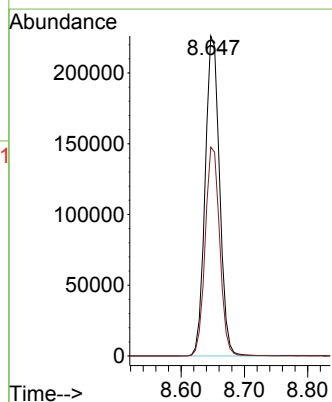
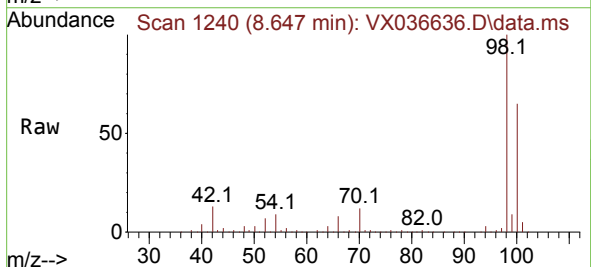
Acq: 24 Jul 2023 17:44

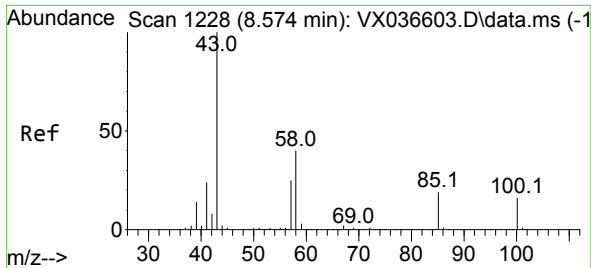
Tgt Ion: 98 Resp: 358677

Ion Ratio Lower Upper

98 100

100 65.8 53.1 79.7

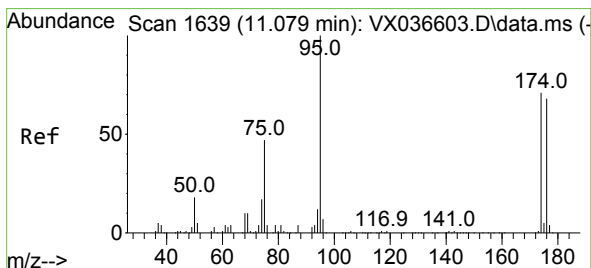
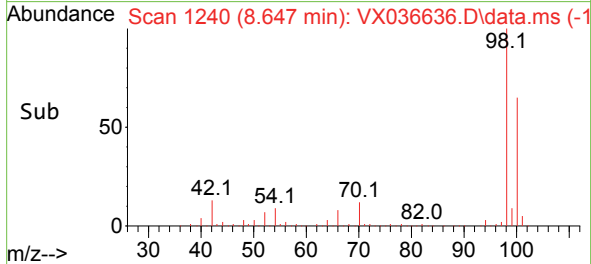
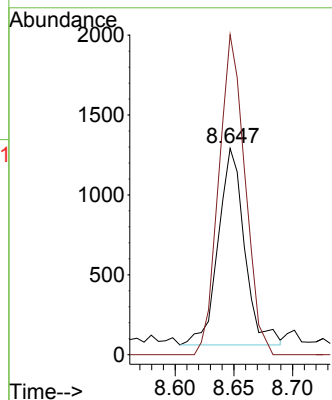
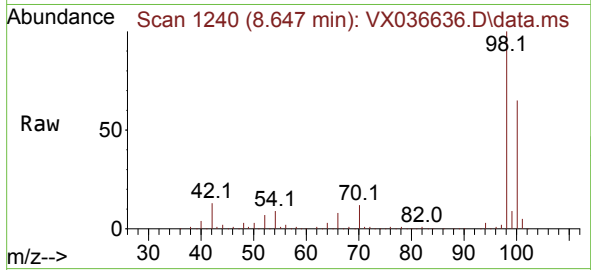




#51
4-Methyl-2-Pentanone
Concen: 0.578 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX036636.D
Acq: 24 Jul 2023 17:44

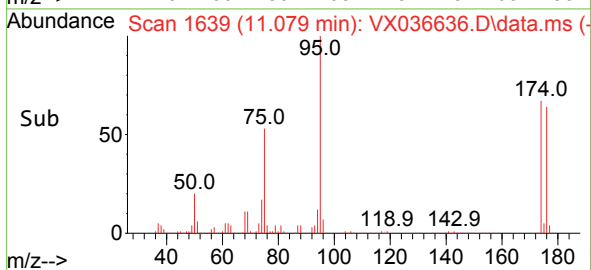
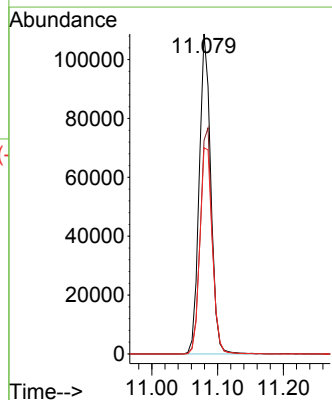
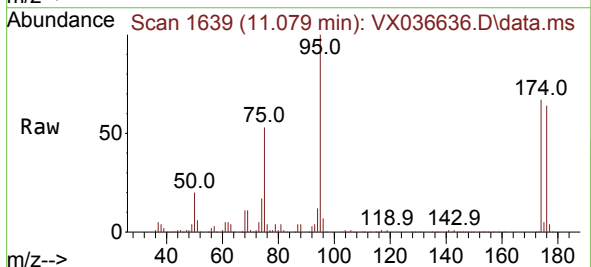
Instrument :
MSVOA_X
ClientSampleId :
IBLK

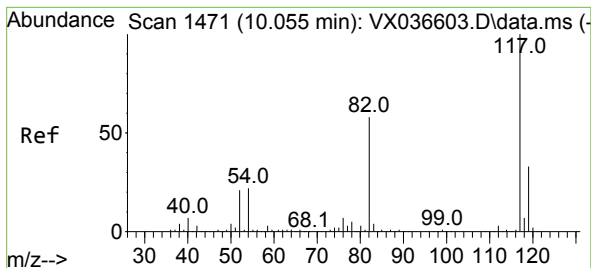
Tgt Ion: 43 Resp: 1921
Ion Ratio Lower Upper
43 100
58 162.0 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 48.209 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036636.D
Acq: 24 Jul 2023 17:44

Tgt Ion: 95 Resp: 133485
Ion Ratio Lower Upper
95 100
174 72.4 0.0 135.6
176 69.1 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: VX036636.D

Acq: 24 Jul 2023 17:44

Instrument :

MSVOA_X

ClientSampleId :

IBLK

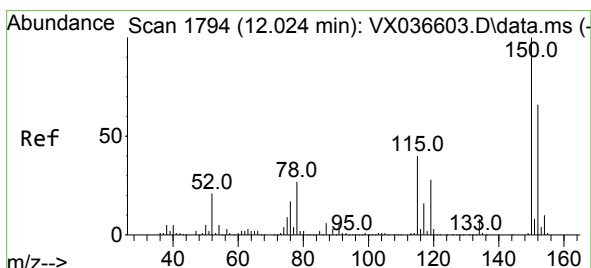
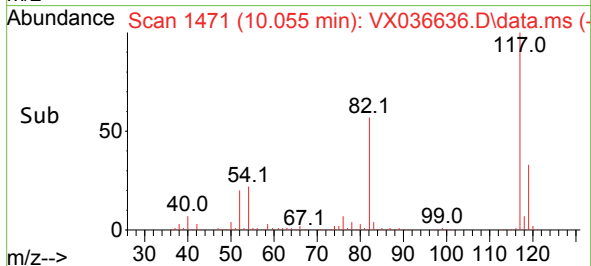
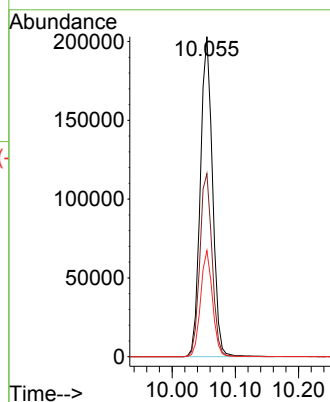
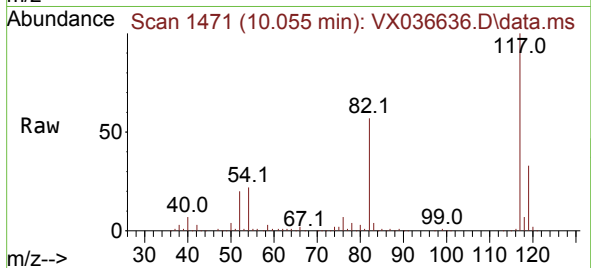
Tgt Ion:117 Resp: 272625

Ion Ratio Lower Upper

117 100

82 57.2 46.2 69.4

119 33.2 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: VX036636.D

Acq: 24 Jul 2023 17:44

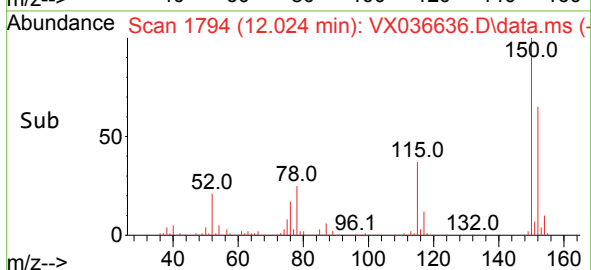
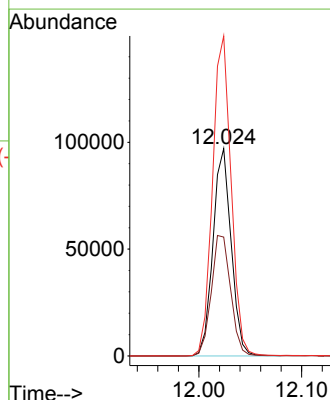
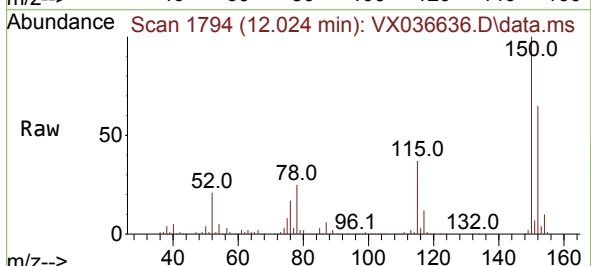
Tgt Ion:152 Resp: 119235

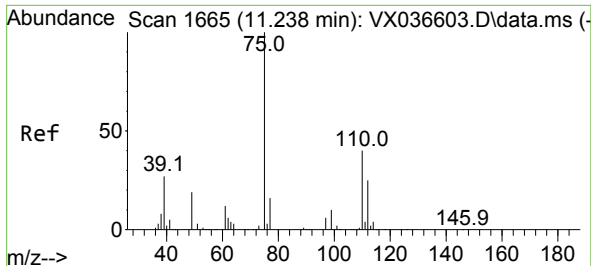
Ion Ratio Lower Upper

152 100

115 61.9 43.3 129.9

150 157.8 0.0 345.0

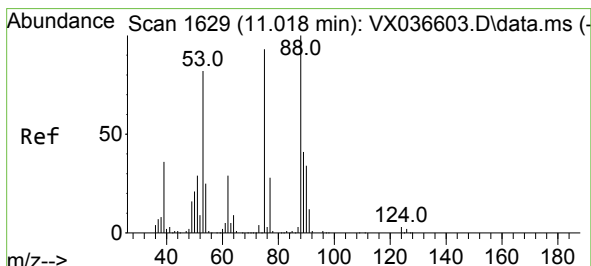
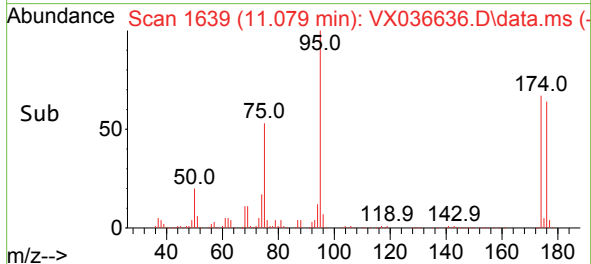
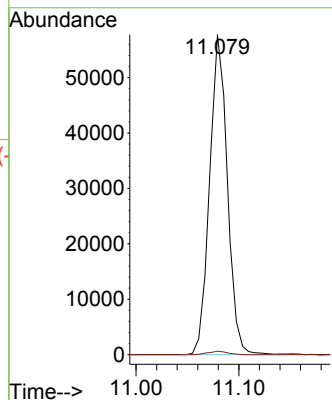
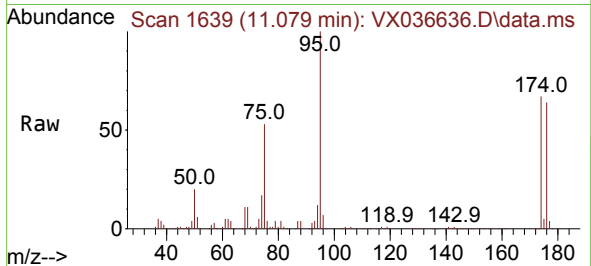




#76
1,2,3-Trichloropropane
Concen: 24.707 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX036636.D
Acq: 24 Jul 2023 17:44

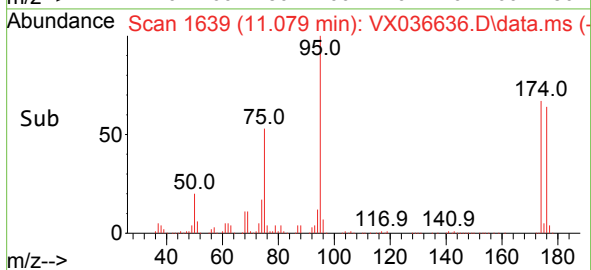
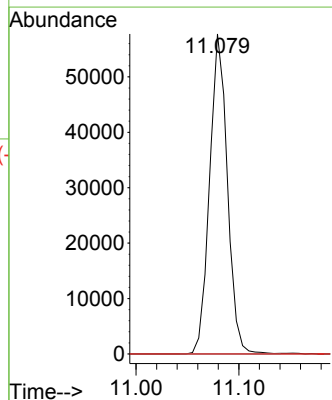
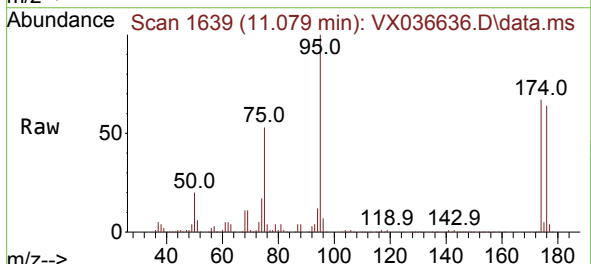
Instrument :
MSVOA_X
ClientSampleId :
IBLK

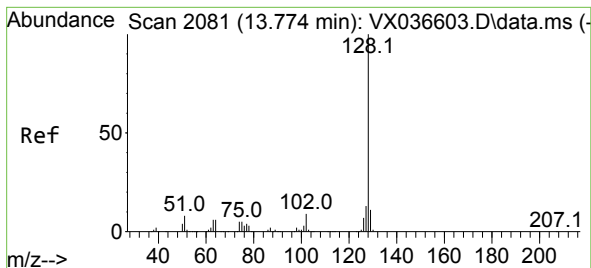
Tgt Ion: 75 Resp: 69291
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.999 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX036636.D
Acq: 24 Jul 2023 17:44

Tgt Ion: 75 Resp: 69291
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#





#95

Naphthalene

Concen: 0.685 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX036636.D

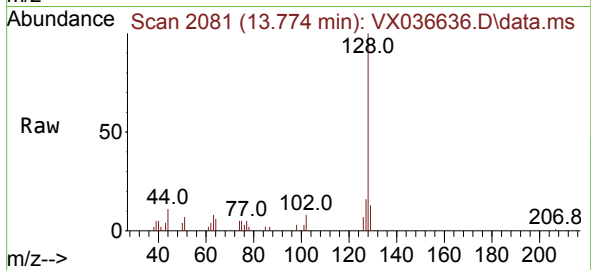
Acq: 24 Jul 2023 17:44

Instrument :

MSVOA_X

ClientSampleId :

IBLK



Tgt Ion:128 Resp: 5910

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

129 10.8 8.8 13.2

