

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072423\
 Data File : VX036625.D
 Acq On : 24 Jul 2023 12:32
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jul 25 06:35:36 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

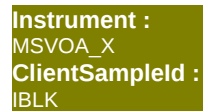
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

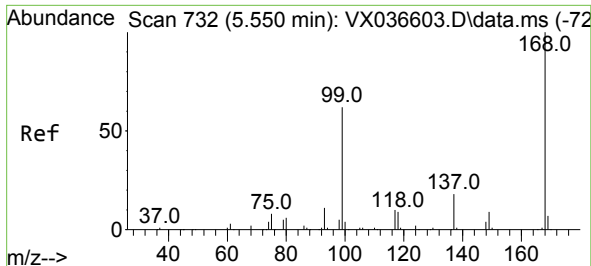
Internal Standards						
1) Pentafluorobenzene	5.550	168	176928	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	314372	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	290093	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	131001	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	118650	45.322	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.640%		
35) Dibromofluoromethane	5.385	113	99971	46.265	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.540%		
50) Toluene-d8	8.647	98	377858	49.311	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.620%		
62) 4-Bromofluorobenzene	11.079	95	145098	50.189	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.380%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.630	94	443	0.343	ug/l #	25
11) Tert butyl alcohol	2.934	59	246	0.397	ug/l #	1
13) Acrolein	2.233	56	408	1.154	ug/l #	14
15) Acrylonitrile	3.069	53	357	0.286	ug/l #	71
16) Acetone	2.392	43	738	0.679	ug/l #	86
17) Carbon Disulfide	2.514	76	1768	0.323	ug/l	99
20) Methylene Chloride	2.788	84	1249	0.517	ug/l #	83
36) 1,1-Dichloropropene	5.550	75	14800	4.595	ug/l #	51
38) Carbon Tetrachloride	5.556	117	18658	5.449	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	74344	24.128	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	74344	54.687	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	650	0.239	ug/l	94
94) Hexachlorobutadiene	13.725	225	378	0.336	ug/l	77
95) Naphthalene	13.774	128	2706	0.286	ug/l	96
96) 1,2,3-Trichlorobenzene	13.963	180	661	0.247	ug/l	93

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

Instrument :
MSVOA_X
ClientSampleId :
IBLK

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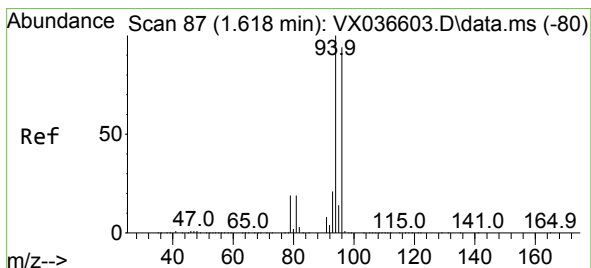
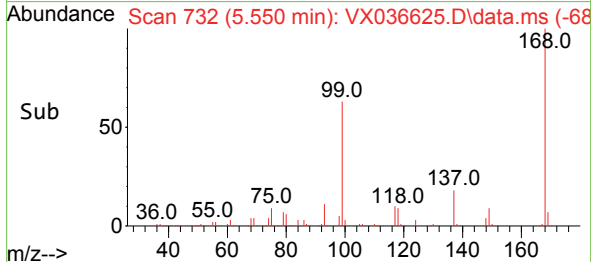
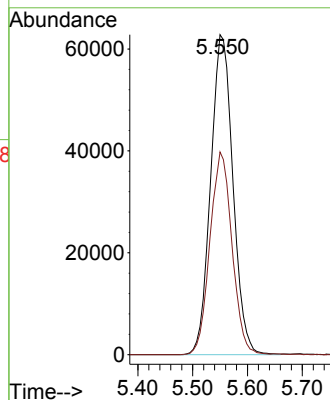
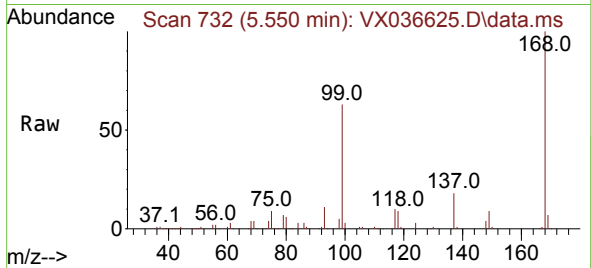




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX036625.D
Acq: 24 Jul 2023 12:32

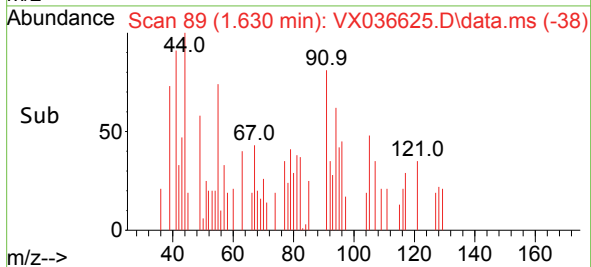
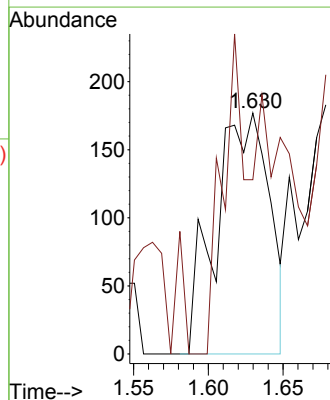
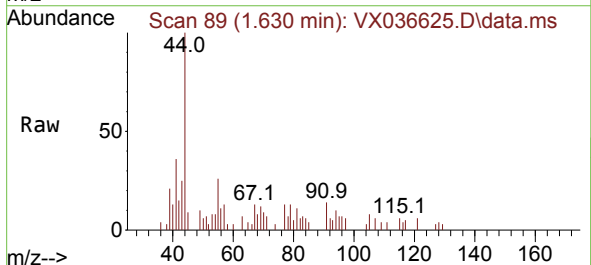
Instrument :
MSVOA_X
ClientSampleId :
IBLK

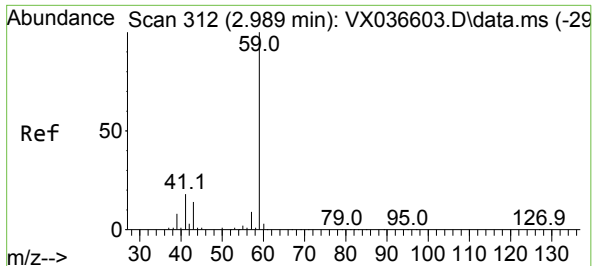
Tgt Ion:168 Resp: 176928
Ion Ratio Lower Upper
168 100
99 63.4 56.6 85.0



#5
Bromomethane
Concen: 0.343 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.012 min
Lab File: VX036625.D
Acq: 24 Jul 2023 12:32

Tgt Ion: 94 Resp: 443
Ion Ratio Lower Upper
94 100
96 21.5 74.6 111.8#





#11

Tert butyl alcohol

Concen: 0.397 ug/l

RT: 2.934 min Scan# 30

Delta R.T. -0.055 min

Lab File: VX036625.D

Acq: 24 Jul 2023 12:32

Instrument :

MSVOA_X

ClientSampleId :

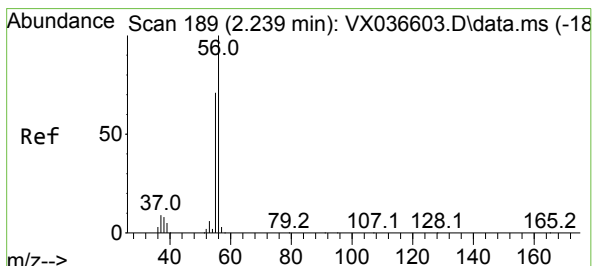
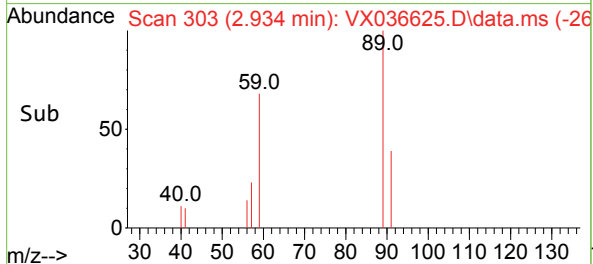
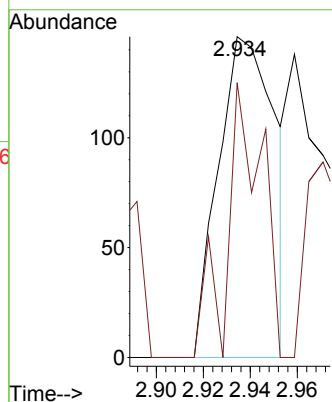
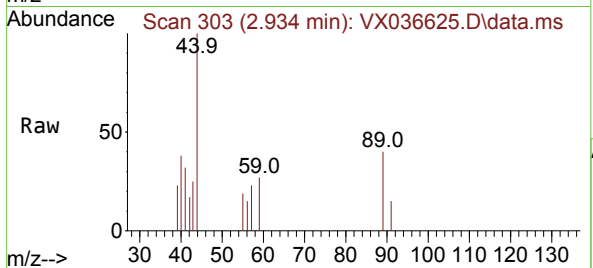
IBLK

Tgt Ion: 59 Resp: 246

Ion Ratio Lower Upper

59 100

57 53.3 6.0 9.0#



#13

Acrolein

Concen: 1.154 ug/l

RT: 2.233 min Scan# 188

Delta R.T. -0.006 min

Lab File: VX036625.D

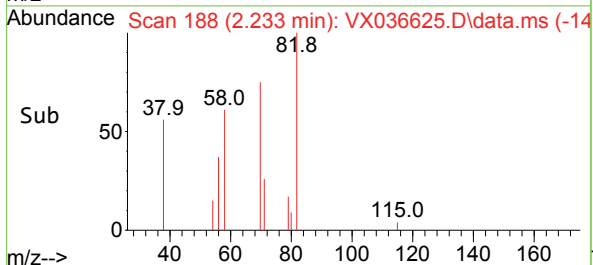
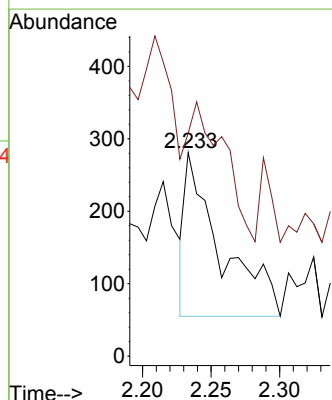
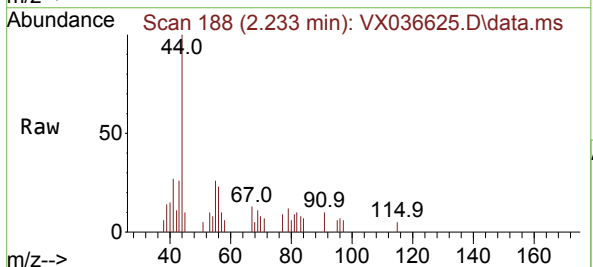
Acq: 24 Jul 2023 12:32

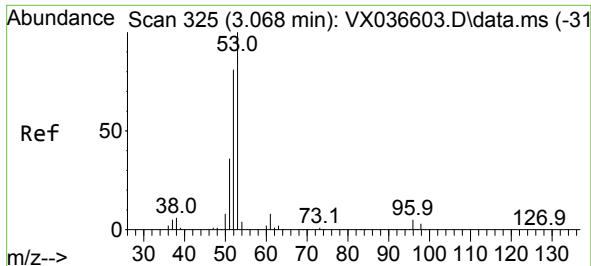
Tgt Ion: 56 Resp: 408

Ion Ratio Lower Upper

56 100

55 0.0 57.1 85.7#

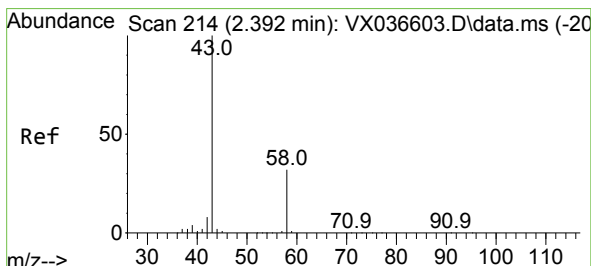
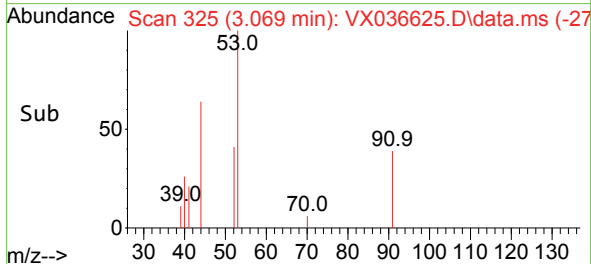
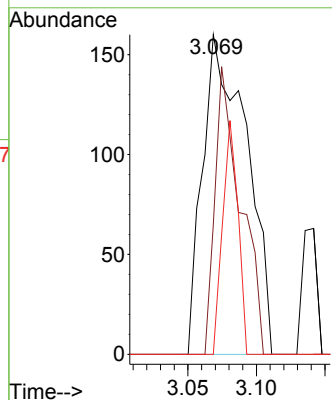
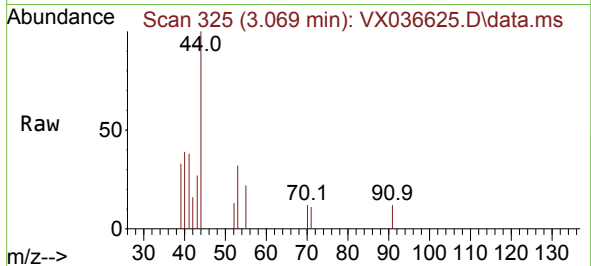




#15
Acrylonitrile
Concen: 0.286 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX036625.D
Acq: 24 Jul 2023 12:32

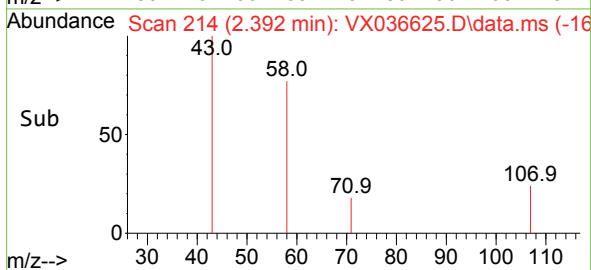
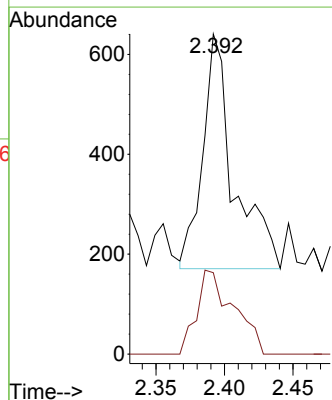
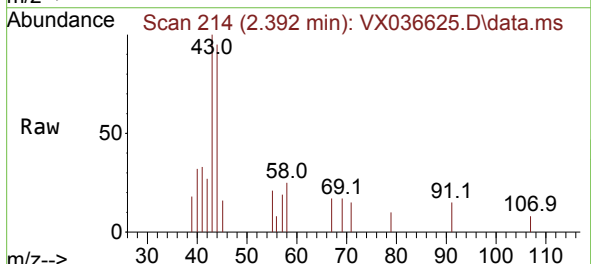
Instrument :
MSVOA_X
ClientSampleId :
IBLK

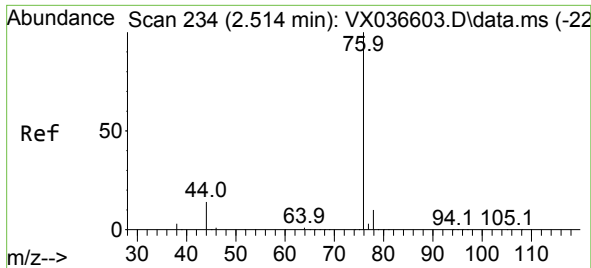
Tgt Ion: 53 Resp: 357
Ion Ratio Lower Upper
53 100
52 52.4 66.0 99.0#
51 25.5 29.8 44.6#



#16
Acetone
Concen: 0.679 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX036625.D
Acq: 24 Jul 2023 12:32

Tgt Ion: 43 Resp: 738
Ion Ratio Lower Upper
43 100
58 34.7 21.9 32.9#

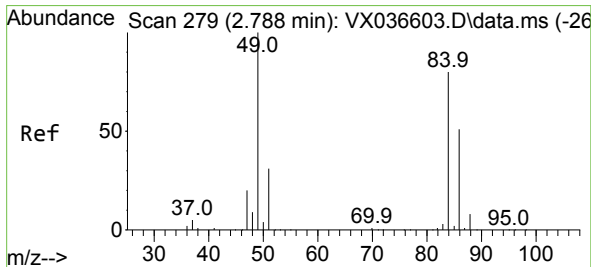
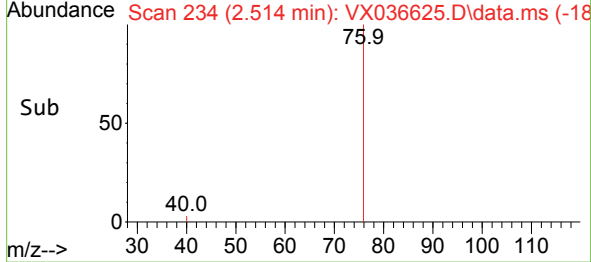
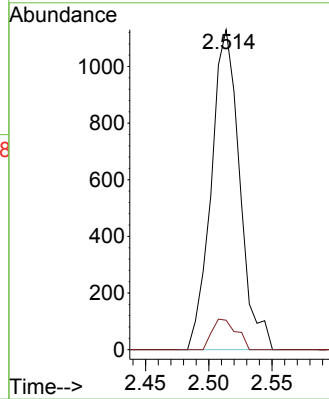
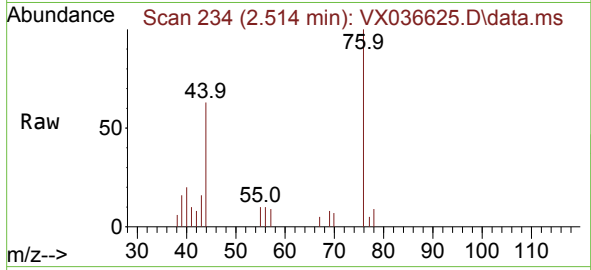




#17
Carbon Disulfide
Concen: 0.323 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX036625.D
Acq: 24 Jul 2023 12:32

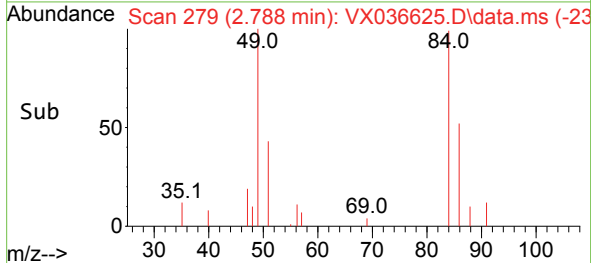
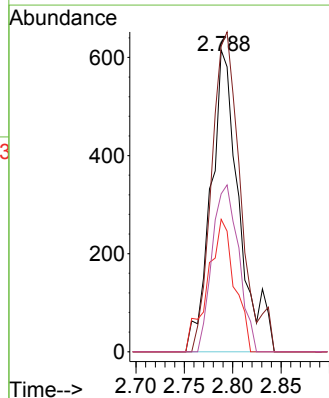
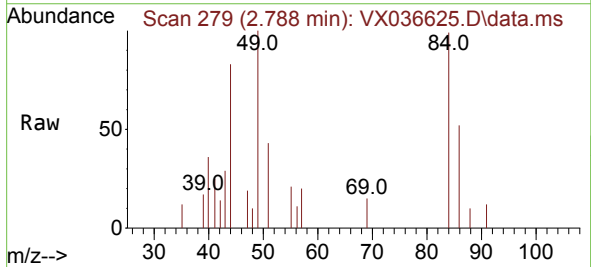
Instrument :
MSVOA_X
ClientSampleId :
IBLK

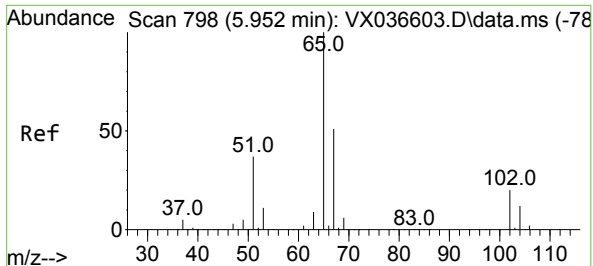
Tgt Ion: 76 Resp: 1768
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6



#20
Methylene Chloride
Concen: 0.517 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036625.D
Acq: 24 Jul 2023 12:32

Tgt Ion: 84 Resp: 1249
Ion Ratio Lower Upper
84 100
49 101.3 103.6 155.4#
51 43.9 33.8 50.6
86 52.4 49.4 74.0





#33

1,2-Dichloroethane-d4

Concen: 45.322 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036625.D

Acq: 24 Jul 2023 12:32

Instrument :

MSVOA_X

ClientSampleId :

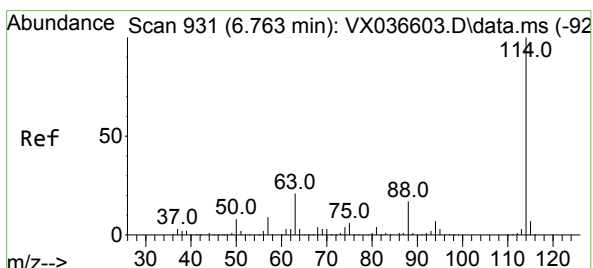
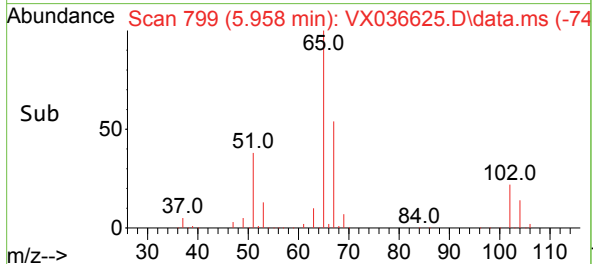
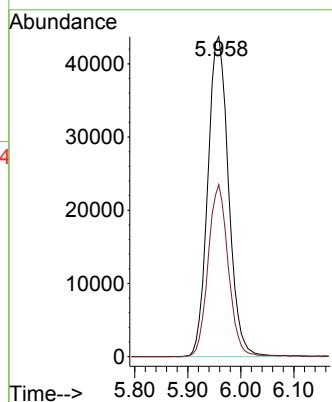
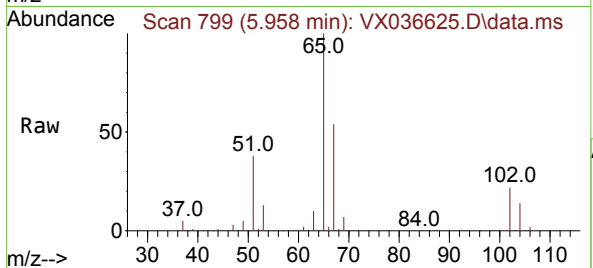
IBLK

Tgt Ion: 65 Resp: 118650

Ion Ratio Lower Upper

65 100

67 52.5 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: VX036625.D

Acq: 24 Jul 2023 12:32

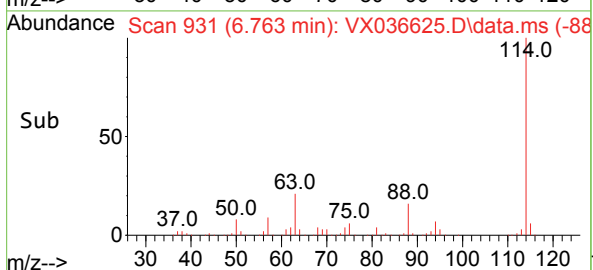
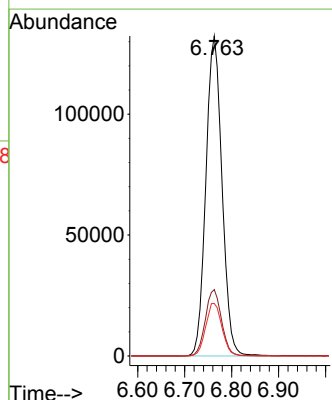
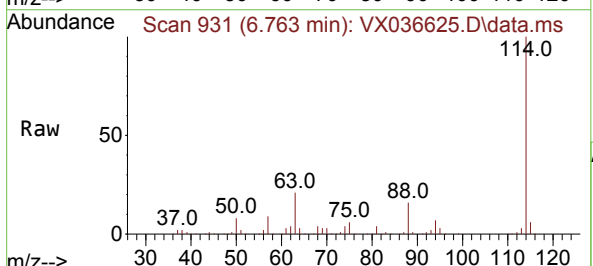
Tgt Ion: 114 Resp: 314372

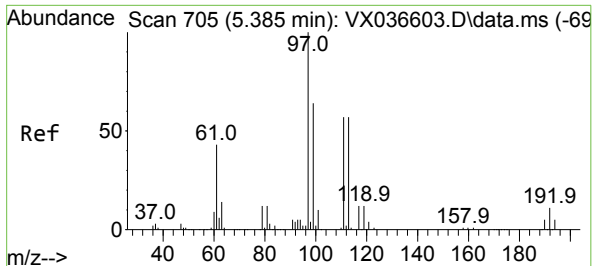
Ion Ratio Lower Upper

114 100

63 20.8 0.0 45.0

88 16.4 0.0 36.6

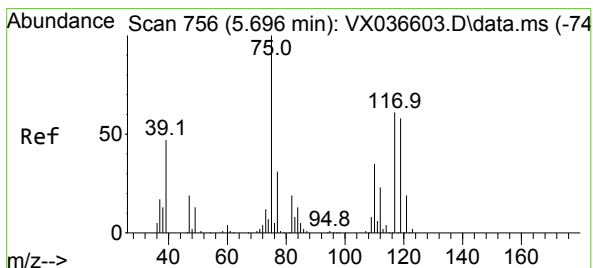
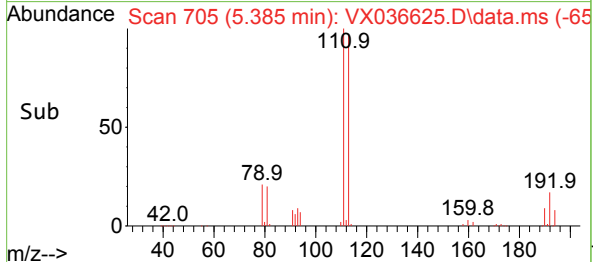
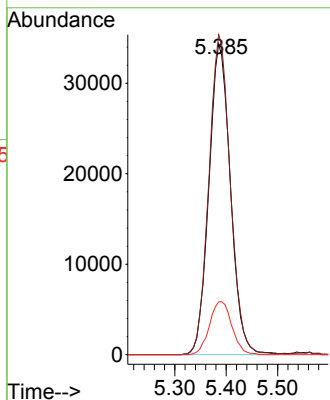
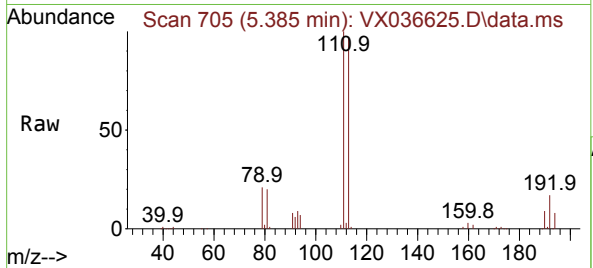




#35
Dibromofluoromethane
Concen: 46.265 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036625.D
Acq: 24 Jul 2023 12:32

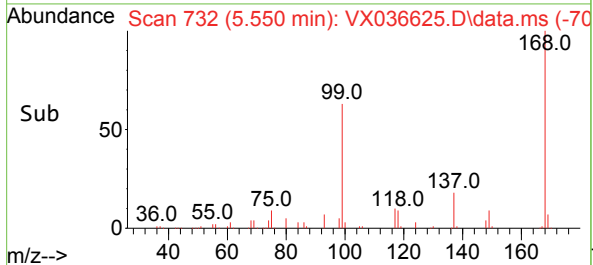
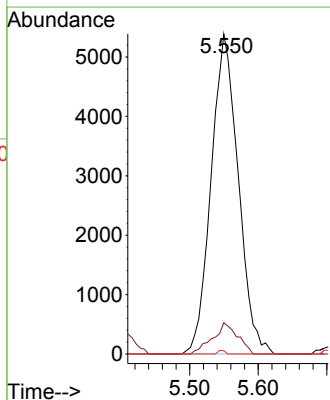
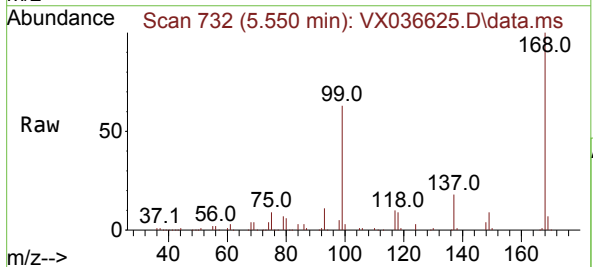
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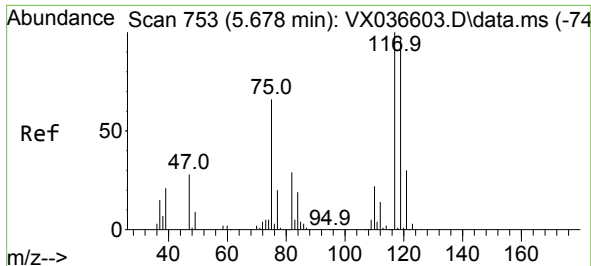
Tgt Ion:113 Resp: 99971
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 17.8 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.595 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX036625.D
Acq: 24 Jul 2023 12:32

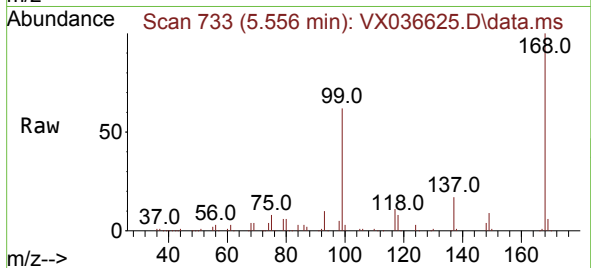
Tgt Ion: 75 Resp: 14800
Ion Ratio Lower Upper
75 100
110 8.9 17.0 50.9#
77 0.3 24.7 37.1#



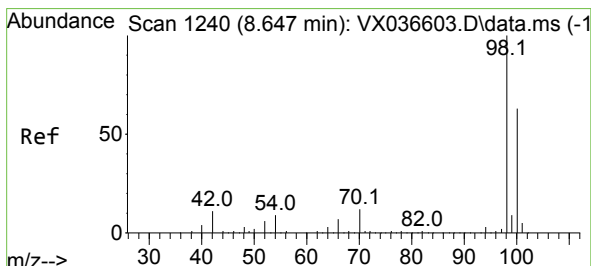
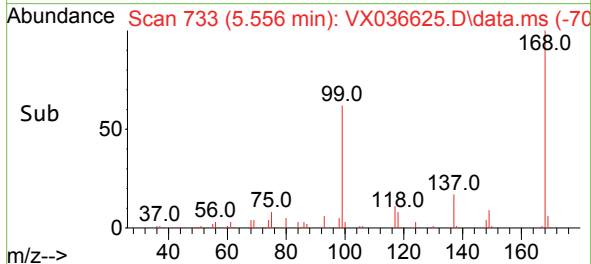
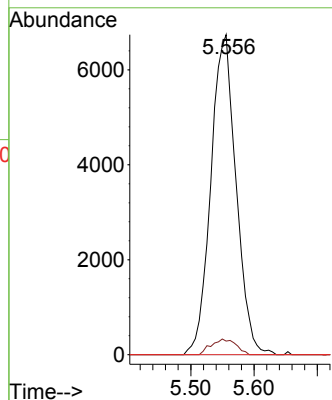


#38
Carbon Tetrachloride
Concen: 5.449 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX036625.D
Acq: 24 Jul 2023 12:32

Instrument :
MSVOA_X
ClientSampleId :
IBLK

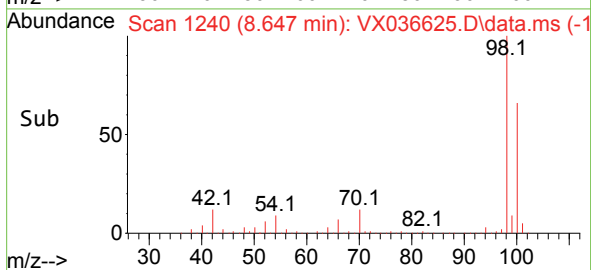
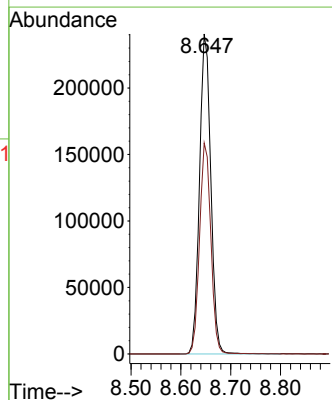
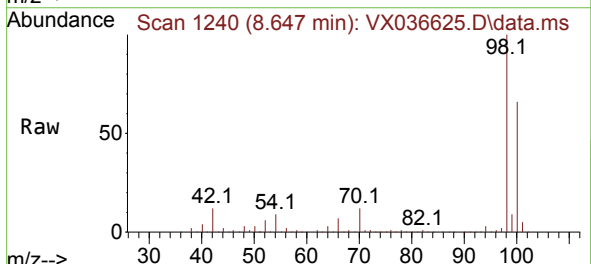


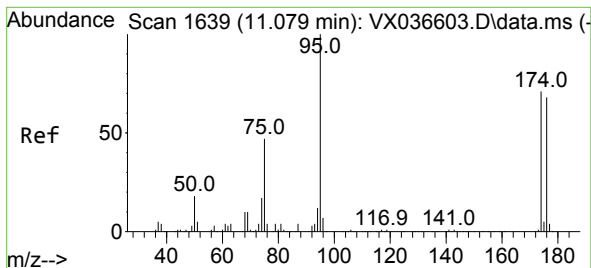
Tgt Ion:117 Resp: 18658
Ion Ratio Lower Upper
117 100
119 4.3 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.311 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX036625.D
Acq: 24 Jul 2023 12:32

Tgt Ion: 98 Resp: 377858
Ion Ratio Lower Upper
98 100
100 66.0 53.1 79.7

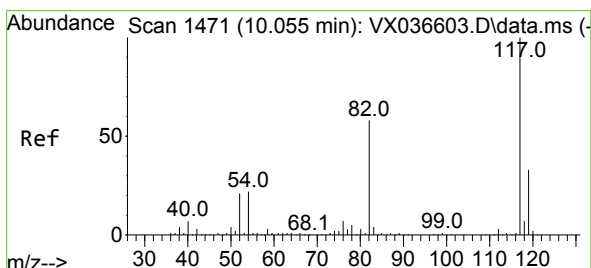
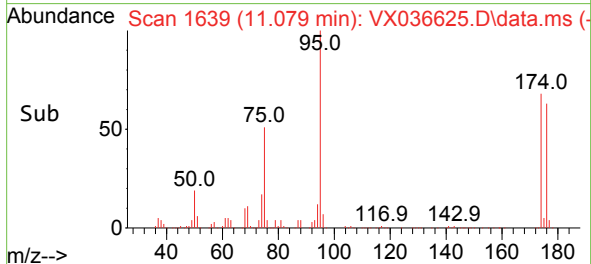
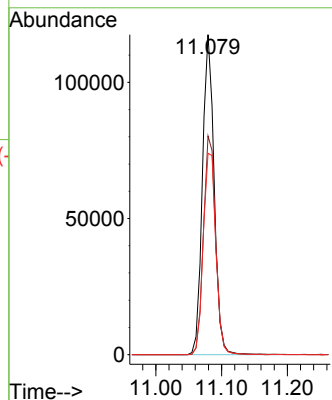
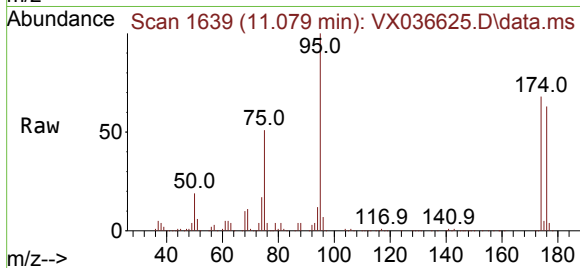




#62
4-Bromofluorobenzene
Concen: 50.189 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036625.D
Acq: 24 Jul 2023 12:32

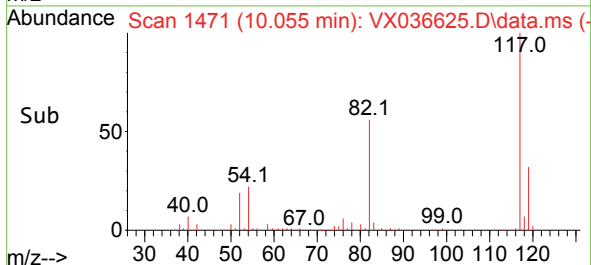
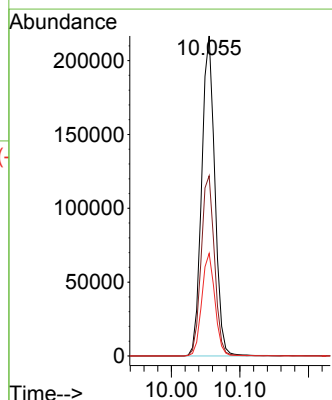
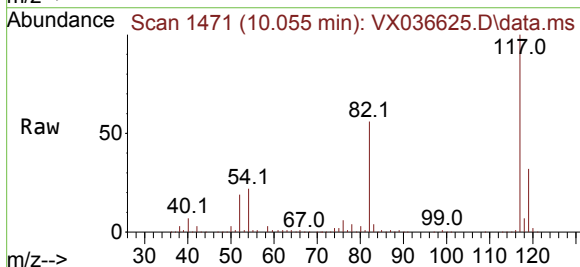
Instrument :
MSVOA_X
ClientSampleId :
IBLK

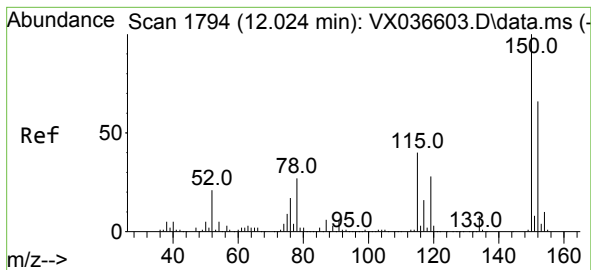
Tgt Ion: 95 Resp: 145098
Ion Ratio Lower Upper
95 100
174 71.4 0.0 135.6
176 68.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036625.D
Acq: 24 Jul 2023 12:32

Tgt Ion: 117 Resp: 290093
Ion Ratio Lower Upper
117 100
82 56.3 46.2 69.4
119 32.1 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX036625.D

Acq: 24 Jul 2023 12:32

Instrument :

MSVOA_X

ClientSampleId :

IBLK

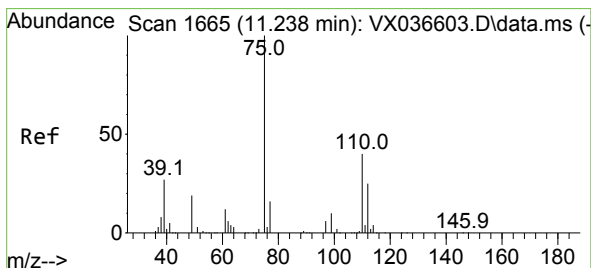
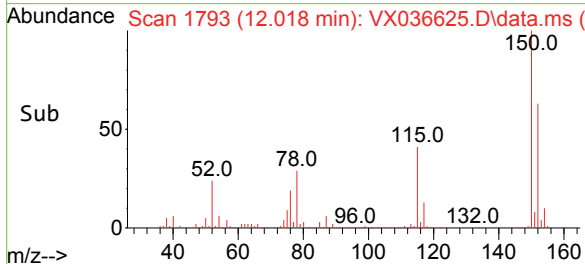
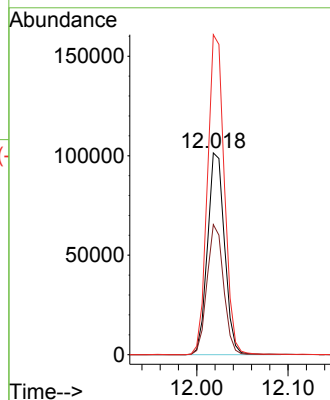
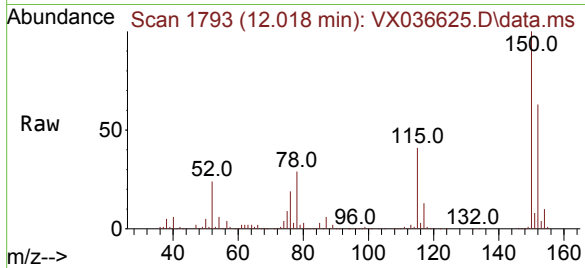
Tgt Ion:152 Resp: 131001

Ion Ratio Lower Upper

152 100

115 62.7 43.3 129.9

150 157.3 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 24.128 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX036625.D

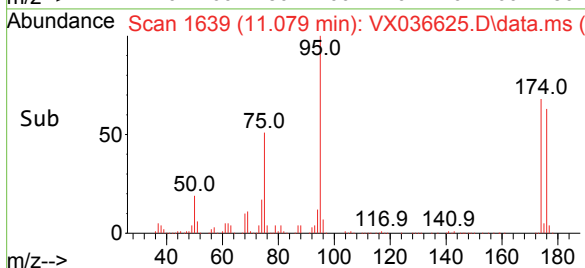
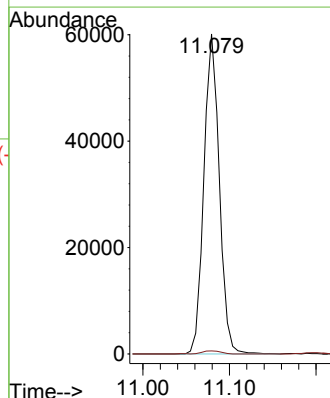
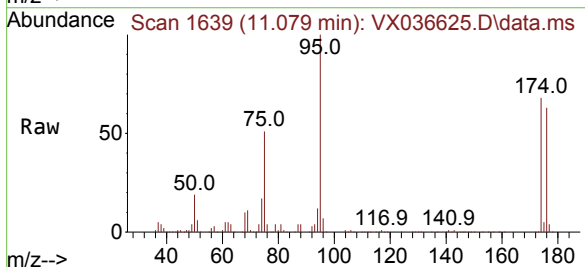
Acq: 24 Jul 2023 12:32

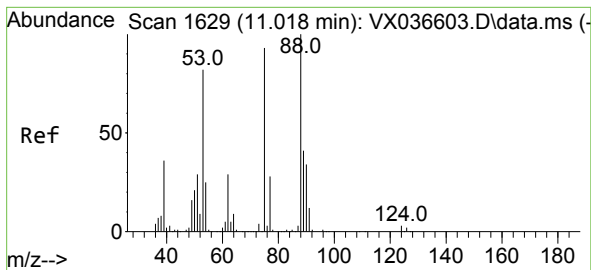
Tgt Ion: 75 Resp: 74344

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#

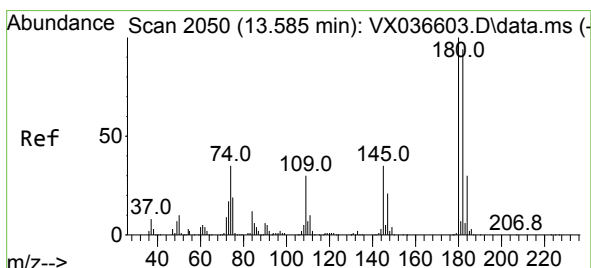
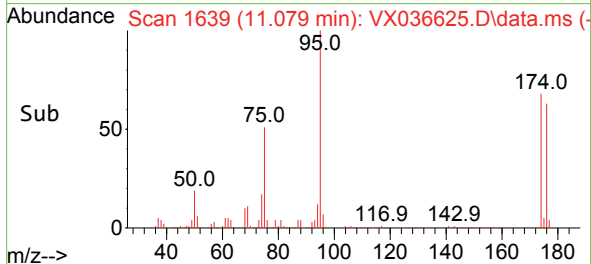
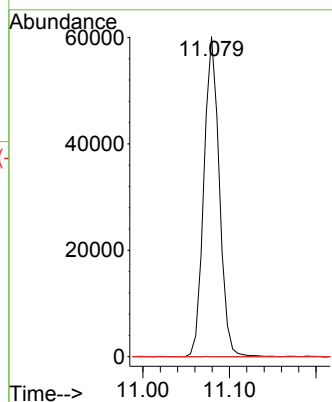
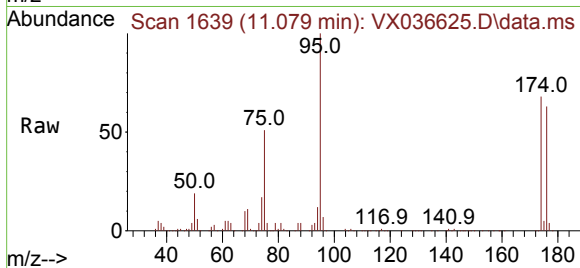




#81
trans-1,4-Dichloro-2-butene
Concen: 54.687 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX036625.D
Acq: 24 Jul 2023 12:32

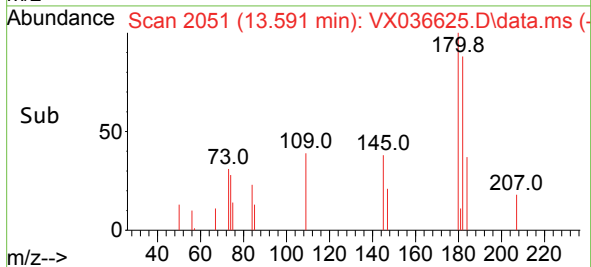
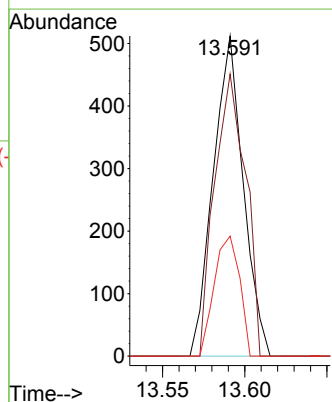
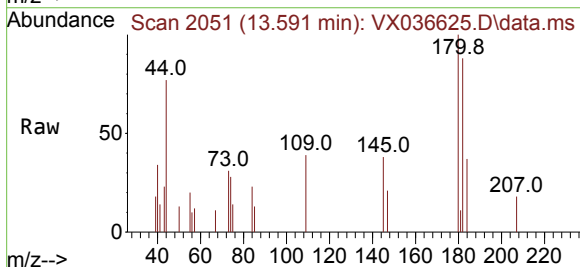
Instrument :
MSVOA_X
ClientSampleId :
IBLK

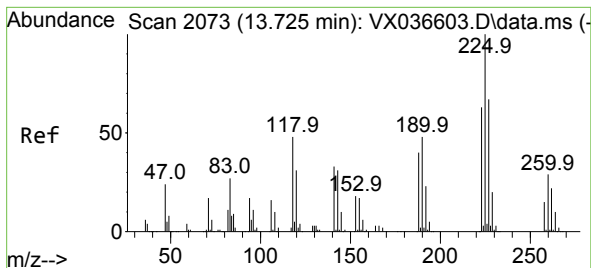
Tgt Ion: 75 Resp: 74344
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.239 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX036625.D
Acq: 24 Jul 2023 12:32

Tgt Ion:180 Resp: 650
Ion Ratio Lower Upper
180 100
182 90.5 48.3 144.8
145 31.7 18.0 54.0





#94

Hexachlorobutadiene

Concen: 0.336 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX036625.D

Acq: 24 Jul 2023 12:32

Instrument :

MSVOA_X

ClientSampleId :

IBLK

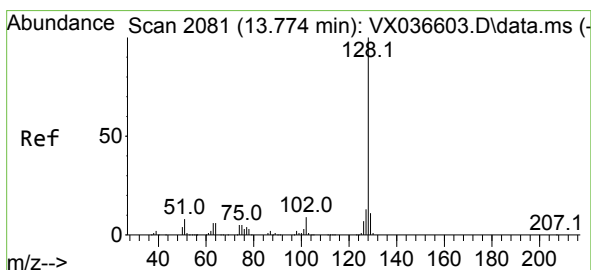
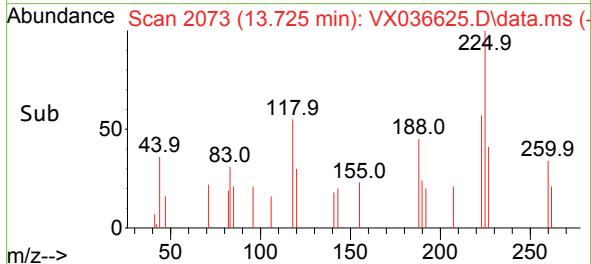
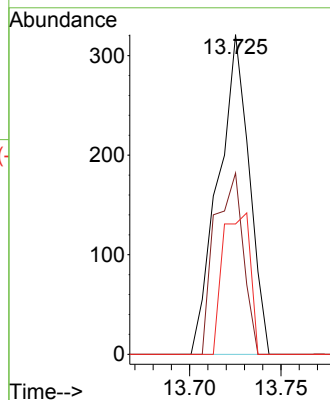
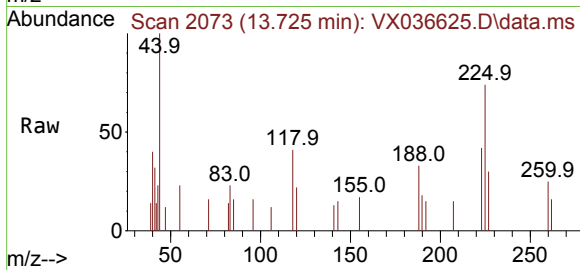
Tgt Ion:225 Resp: 378

Ion Ratio Lower Upper

225 100

223 51.9 31.1 93.2

227 39.2 32.5 97.5



#95

Naphthalene

Concen: 0.286 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX036625.D

Acq: 24 Jul 2023 12:32

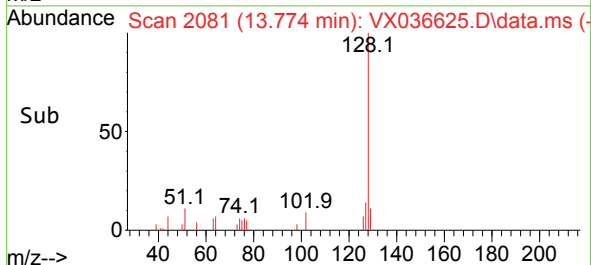
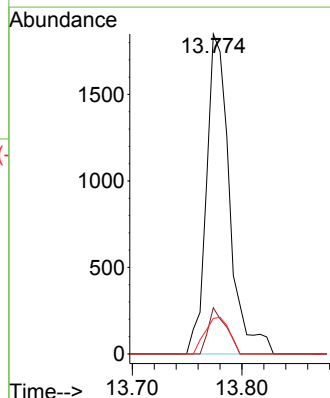
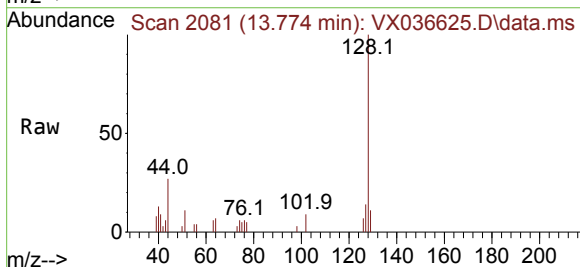
Tgt Ion:128 Resp: 2706

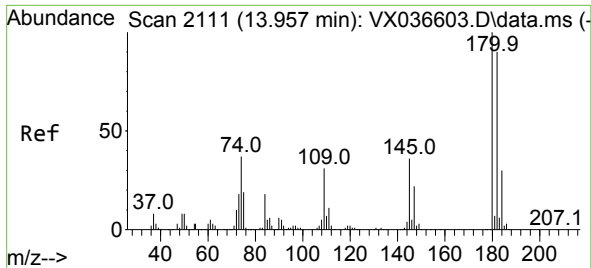
Ion Ratio Lower Upper

128 100

127 11.1 10.3 15.5

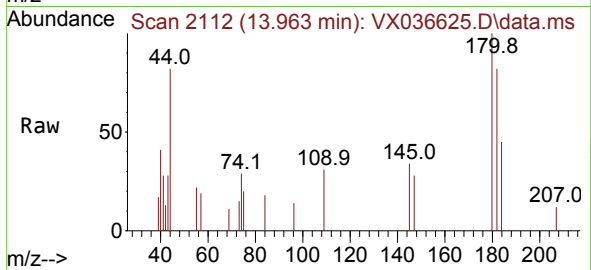
129 11.9 8.8 13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 0.247 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. 0.006 min
 Lab File: VX036625.D
 Acq: 24 Jul 2023 12:32

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK



Tgt Ion:180	Resp:	661
Ion	Ratio	Lower Upper
180	100	
182	86.5	46.9 140.6
145	31.9	17.8 53.5

