

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072123\
 Data File : VX036608.D
 Acq On : 21 Jul 2023 13:32
 Operator : JC/MD
 Sample : VX0721WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0721WBL01

Quant Time: Jul 21 23:04:29 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)

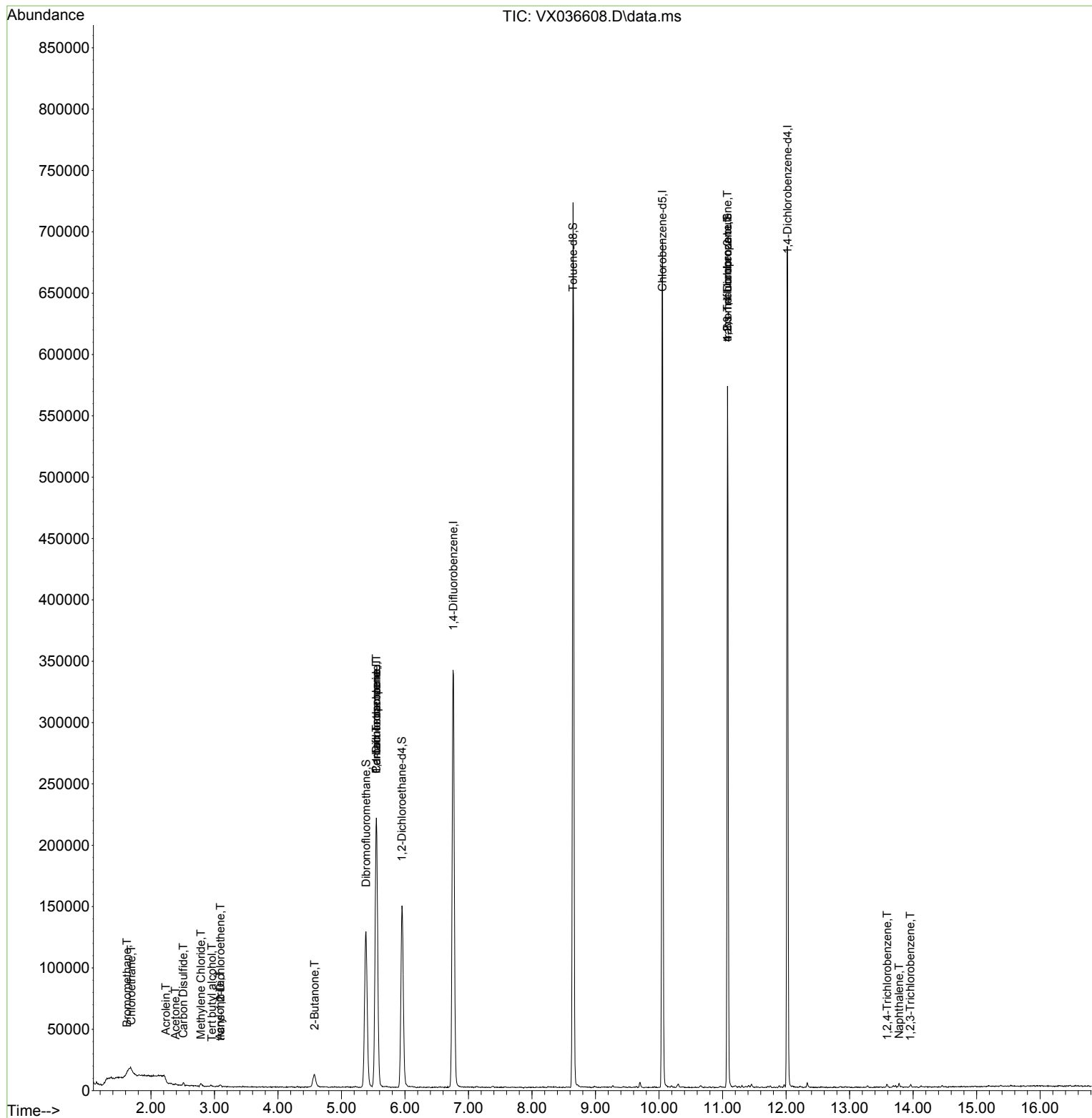
Internal Standards						
1) Pentafluorobenzene	5.550	168	204031	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	350273	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	311785	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	139555	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	140820	46.646	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.300%
35) Dibromofluoromethane	5.385	113	112100	46.561	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.120%
50) Toluene-d8	8.647	98	419560	49.141	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.280%
62) 4-Bromofluorobenzene	11.079	95	155366	48.233	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.460%
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	619	0.415	ug/l #	56
6) Chloroethane	1.691	64	264	0.218	ug/l #	72
11) Tert butyl alcohol	2.959	59	700	0.979	ug/l #	94
13) Acrolein	2.233	56	234	0.574	ug/l #	14
15) Acrylonitrile	3.087	53	567	0.394	ug/l #	26
16) Acetone	2.386	43	691	0.552	ug/l #	48
17) Carbon Disulfide	2.508	76	2664	0.422	ug/l #	88
20) Methylene Chloride	2.788	84	1391	0.499	ug/l	88
21) trans-1,2-Dichloroethene	3.093	96	565	0.221	ug/l #	78
25) 2-Butanone	4.574	43	549	0.270	ug/l	95
36) 1,1-Dichloropropene	5.550	75	17380	4.843	ug/l #	43
38) Carbon Tetrachloride	5.550	117	21421	5.615	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	79912	24.345	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	79912	55.179	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	613	0.212	ug/l	97
95) Naphthalene	13.780	128	2134	0.211	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	571	0.200	ug/l	96

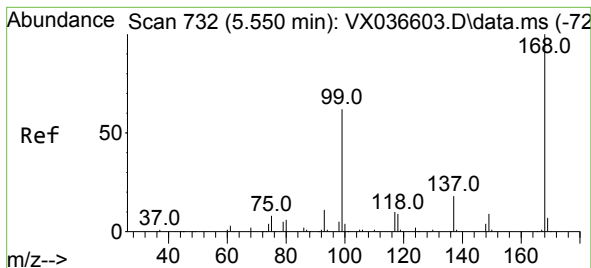
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072123\
Data File : VX036608.D
Acq On : 21 Jul 2023 13:32
Operator : JC/MD
Sample : VX0721WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0721WBL01

Quant Time: Jul 21 23:04:29 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX036608.D

Acq: 21 Jul 2023 13:32

Instrument :

MSVOA_X

ClientSampleId :

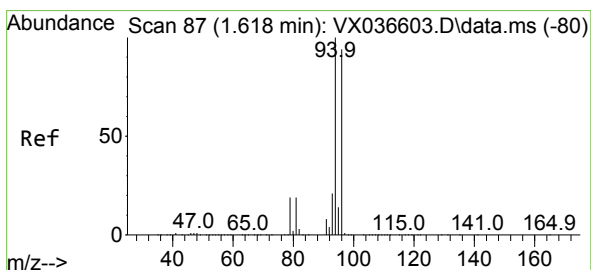
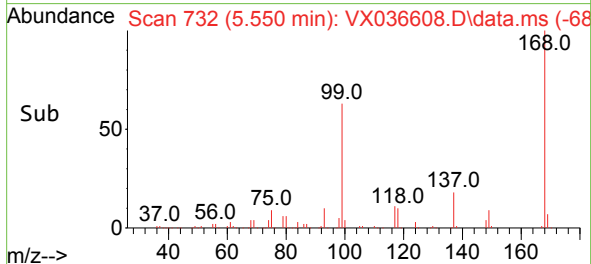
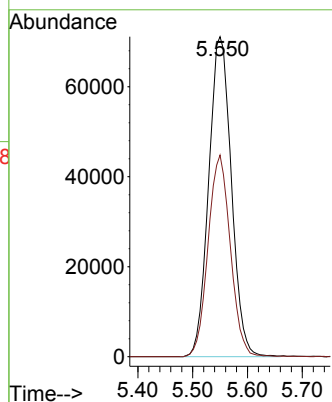
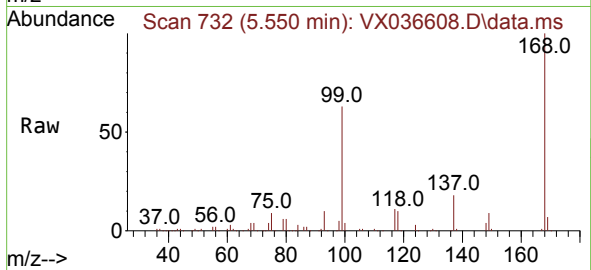
VX0721WBL01

Tgt Ion:168 Resp: 204031

Ion Ratio Lower Upper

168 100

99 63.0 56.6 85.0



#5

Bromomethane

Concen: 0.415 ug/l

RT: 1.624 min Scan# 88

Delta R.T. 0.006 min

Lab File: VX036608.D

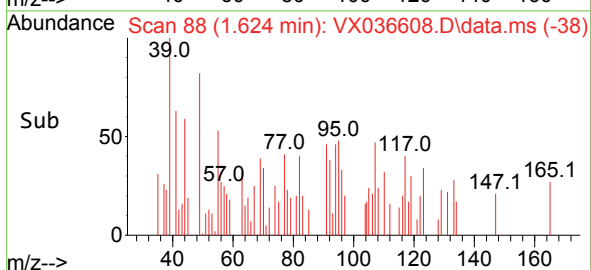
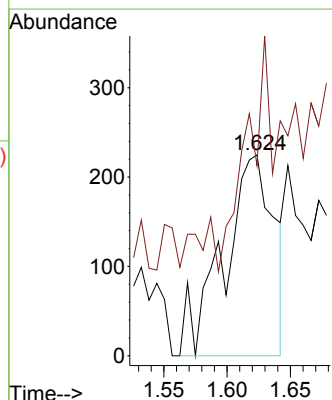
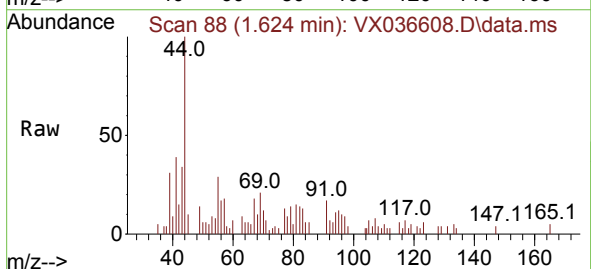
Acq: 21 Jul 2023 13:32

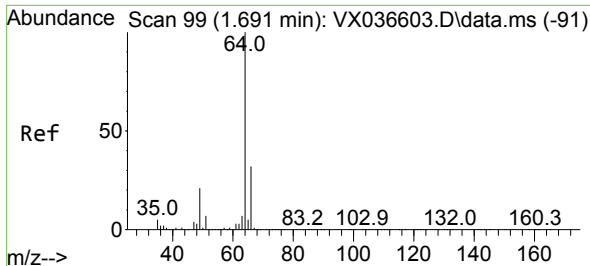
Tgt Ion: 94 Resp: 619

Ion Ratio Lower Upper

94 100

96 50.7 74.6 111.8#

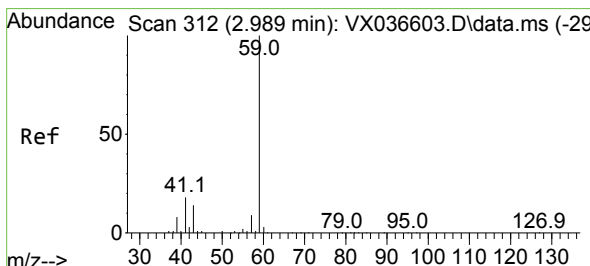
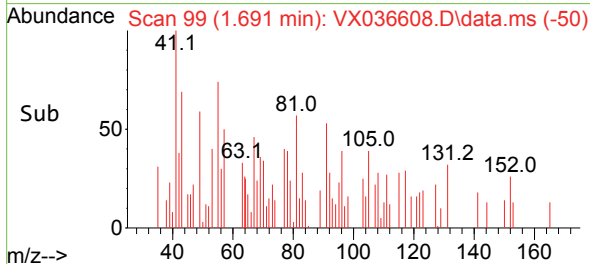
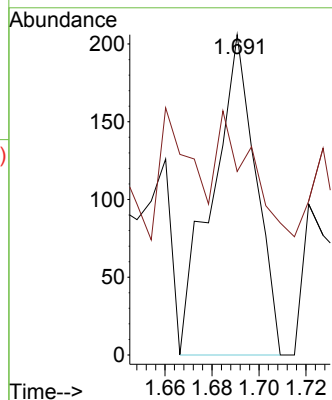
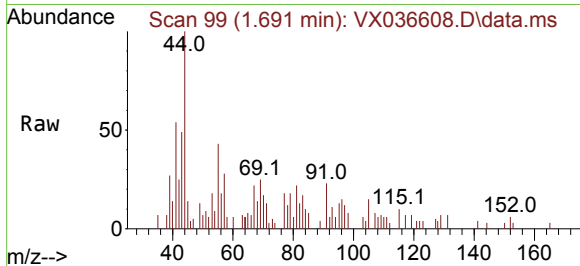




#6
Chloroethane
Concen: 0.218 ug/l
RT: 1.691 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX036608.D
Acq: 21 Jul 2023 13:32

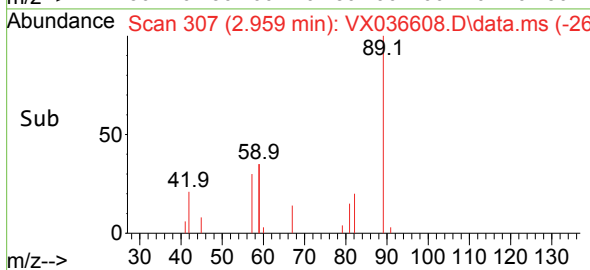
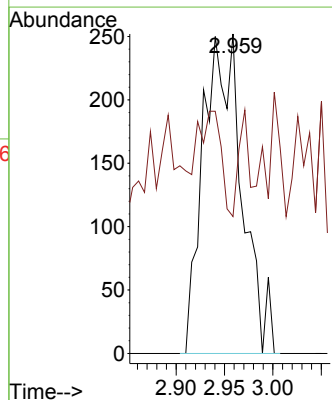
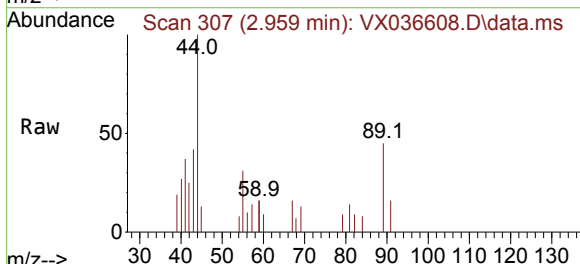
Instrument :
MSVOA_X
ClientSampleId :
VX0721WBL01

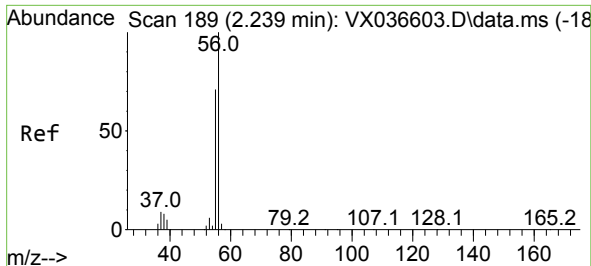
Tgt Ion: 64 Resp: 264
Ion Ratio Lower Upper
64 100
66 16.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: 0.979 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.030 min
Lab File: VX036608.D
Acq: 21 Jul 2023 13:32

Tgt Ion: 59 Resp: 700
Ion Ratio Lower Upper
59 100
57 9.6 6.0 9.0#





#13

Acrolein

Concen: 0.574 ug/l

RT: 2.233 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX036608.D

Acq: 21 Jul 2023 13:32

Instrument :

MSVOA_X

ClientSampleId :

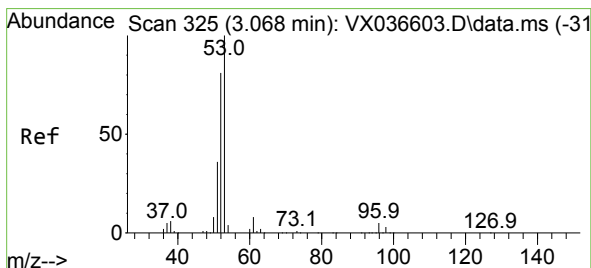
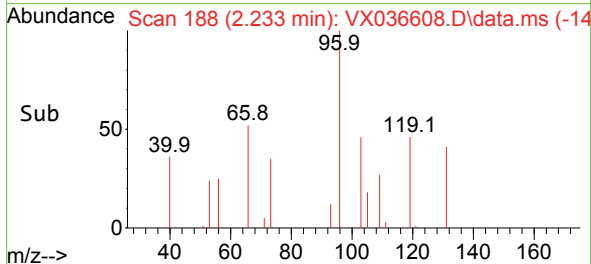
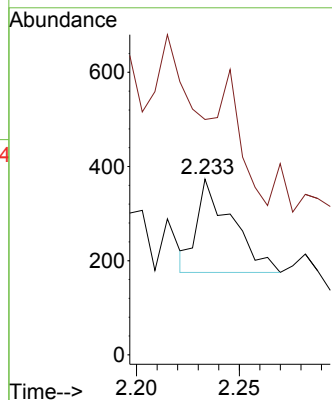
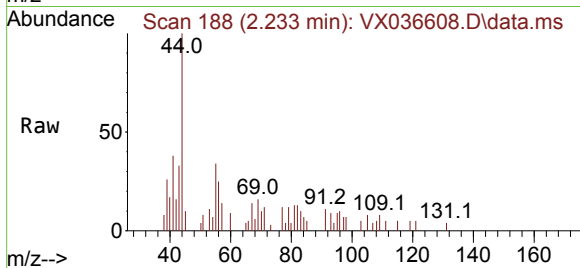
VX0721WBL01

Tgt Ion: 56 Resp: 234

Ion Ratio Lower Upper

56 100

55 0.0 57.1 85.7#



#15

Acrylonitrile

Concen: 0.394 ug/l

RT: 3.087 min Scan# 328

Delta R.T. 0.018 min

Lab File: VX036608.D

Acq: 21 Jul 2023 13:32

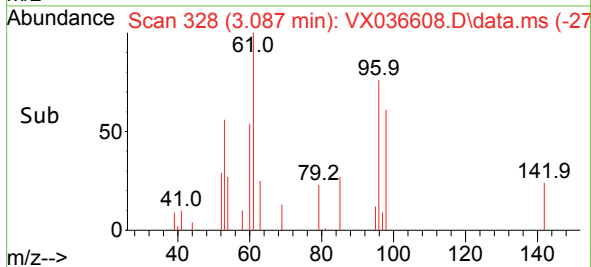
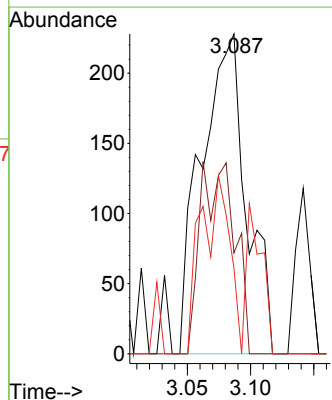
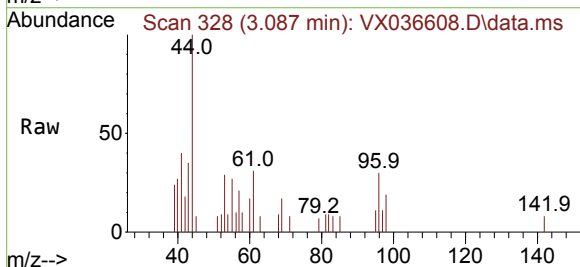
Tgt Ion: 53 Resp: 567

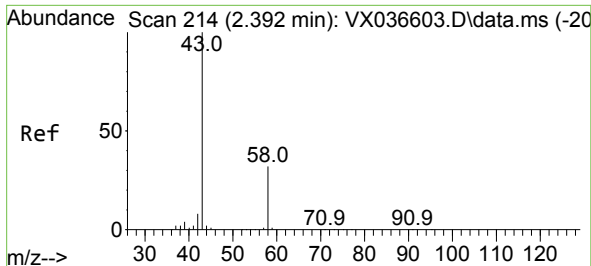
Ion Ratio Lower Upper

53 100

52 0.0 66.0 99.0#

51 16.0 29.8 44.6#





#16

Acetone

Concen: 0.552 ug/l

RT: 2.386 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX036608.D

Acq: 21 Jul 2023 13:32

Instrument :

MSVOA_X

ClientSampleId :

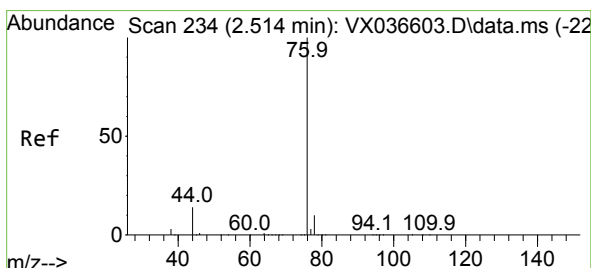
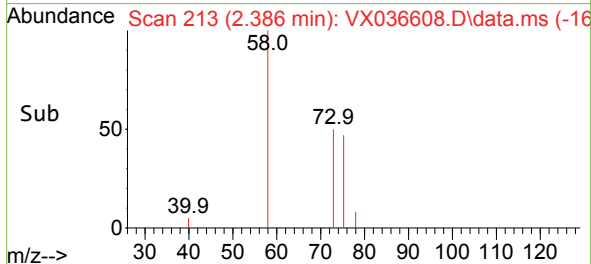
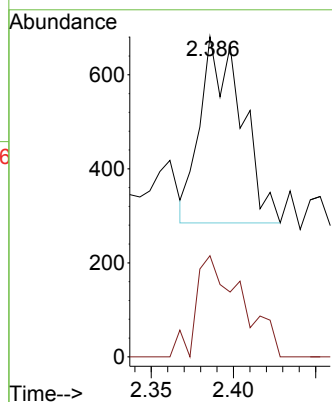
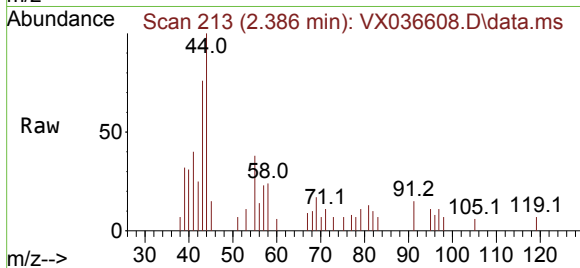
VX0721WBL01

Tgt Ion: 43 Resp: 691

Ion Ratio Lower Upper

43 100

58 54.3 21.9 32.9#



#17

Carbon Disulfide

Concen: 0.422 ug/l

RT: 2.508 min Scan# 233

Delta R.T. -0.006 min

Lab File: VX036608.D

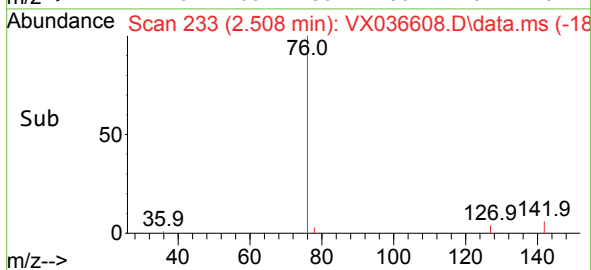
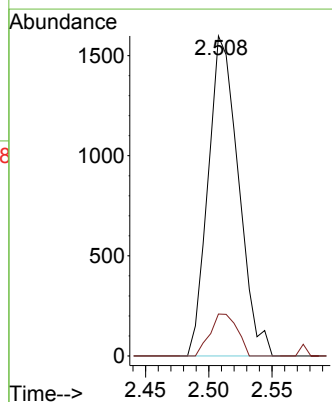
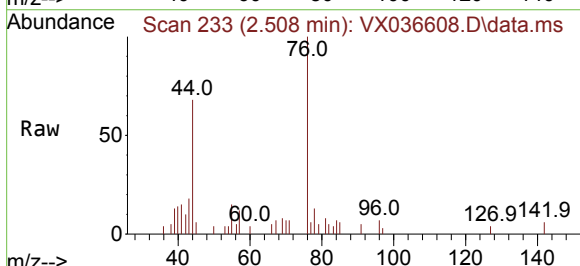
Acq: 21 Jul 2023 13:32

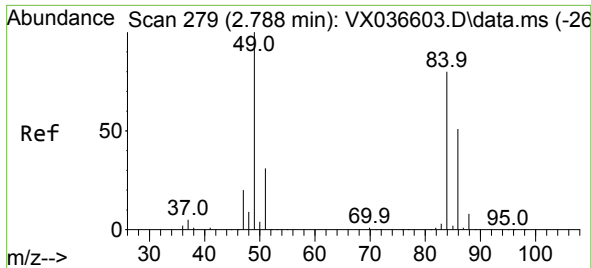
Tgt Ion: 76 Resp: 2664

Ion Ratio Lower Upper

76 100

78 13.1 7.0 10.6#

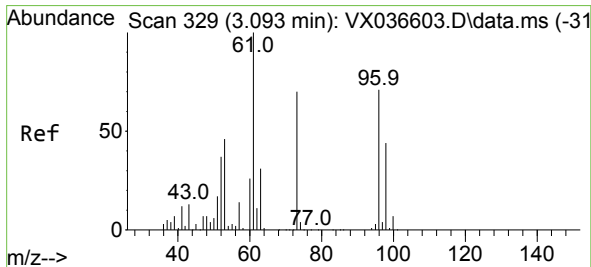
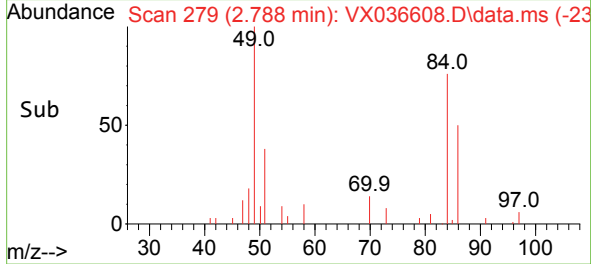
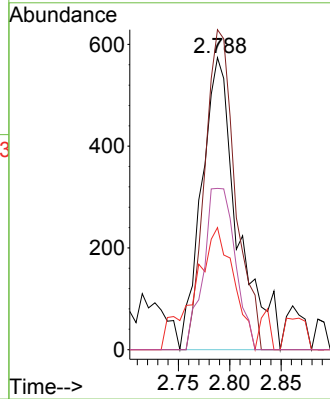
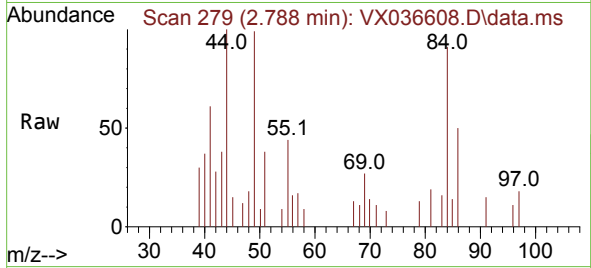




#20
Methylene Chloride
Concen: 0.499 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX036608.D
Acq: 21 Jul 2023 13:32

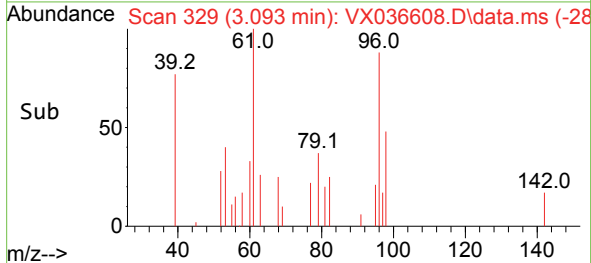
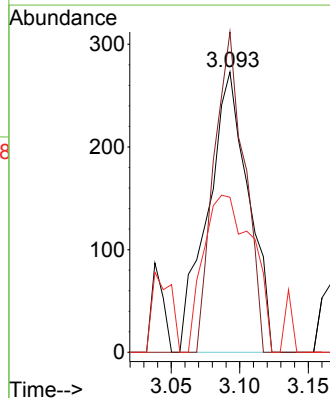
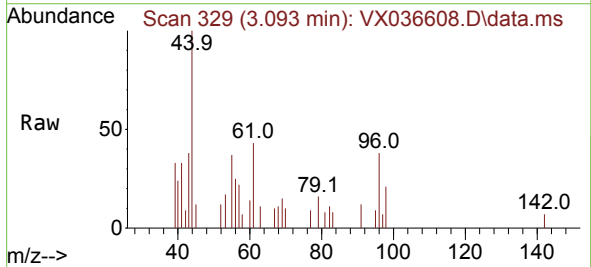
Instrument :
MSVOA_X
ClientSampleId :
VX0721WBL01

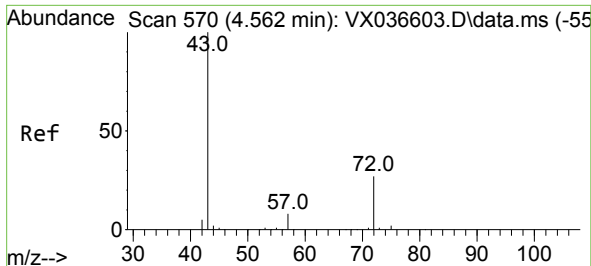
Tgt Ion:	84	Resp:	1391
Ion	Ratio	Lower	Upper
84	100		
49	109.6	103.6	155.4
51	41.8	33.8	50.6
86	55.2	49.4	74.0



#21
trans-1,2-Dichloroethene
Concen: 0.221 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.000 min
Lab File: VX036608.D
Acq: 21 Jul 2023 13:32

Tgt Ion:	96	Resp:	565
Ion	Ratio	Lower	Upper
96	100		
61	114.3	119.2	178.8#
98	55.3	48.7	73.1





#25

2-Butanone

Concen: 0.270 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX036608.D

Acq: 21 Jul 2023 13:32

Instrument :

MSVOA_X

ClientSampleId :

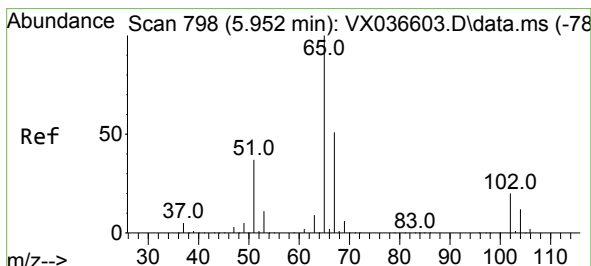
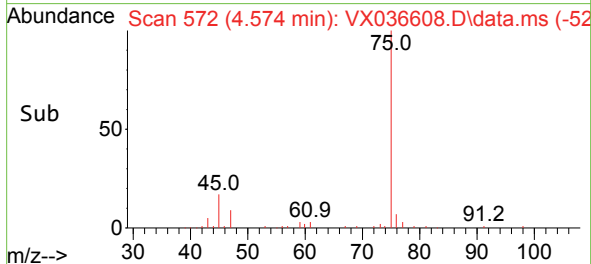
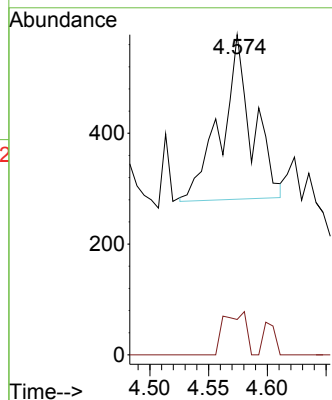
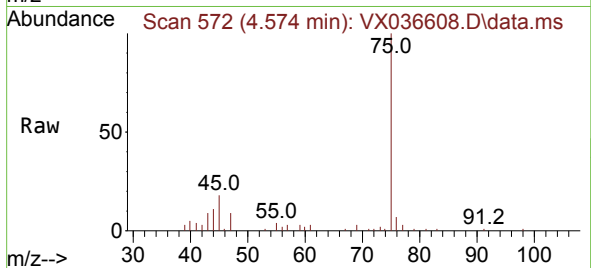
VX0721WBL01

Tgt Ion: 43 Resp: 549

Ion Ratio Lower Upper

43 100

72 21.8 19.4 29.2



#33

1,2-Dichloroethane-d4

Concen: 46.646 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX036608.D

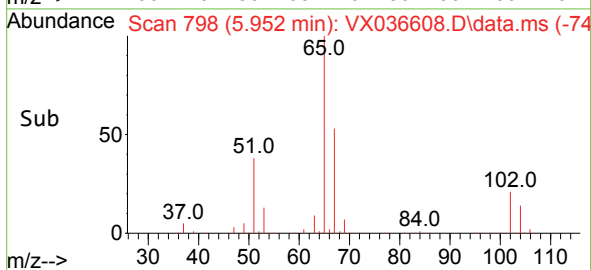
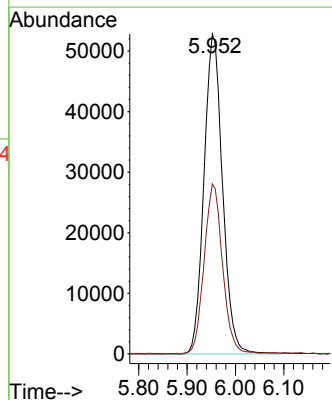
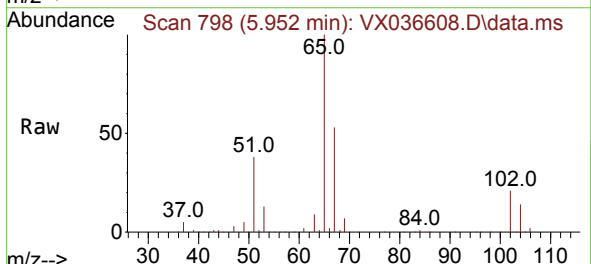
Acq: 21 Jul 2023 13:32

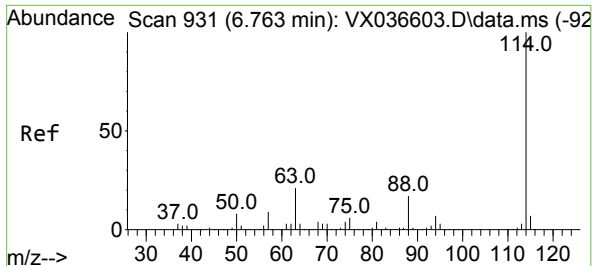
Tgt Ion: 65 Resp: 140820

Ion Ratio Lower Upper

65 100

67 52.9 0.0 100.2

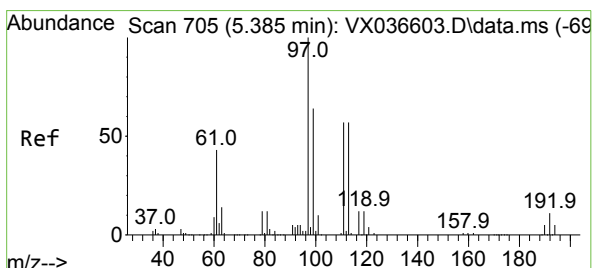
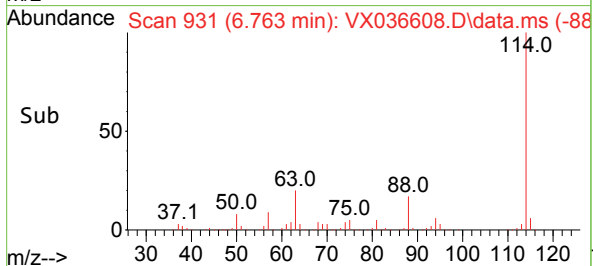
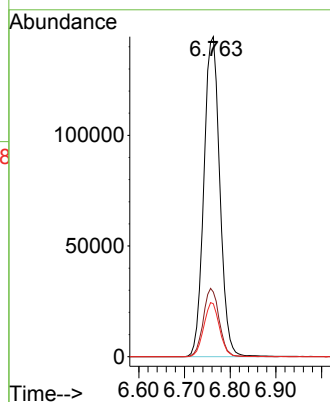
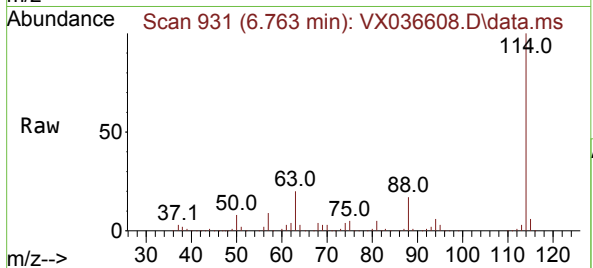




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX036608.D
Acq: 21 Jul 2023 13:32

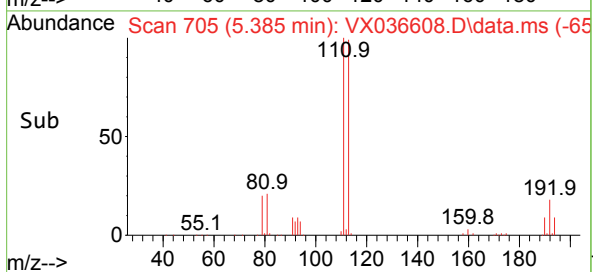
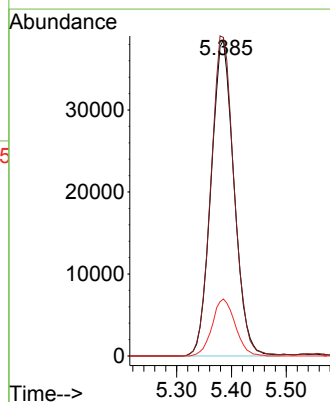
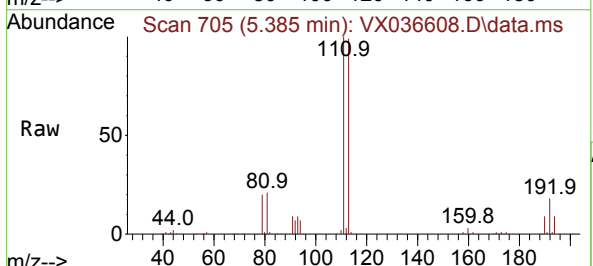
Instrument :
MSVOA_X
ClientSampleId :
VX0721WBL01

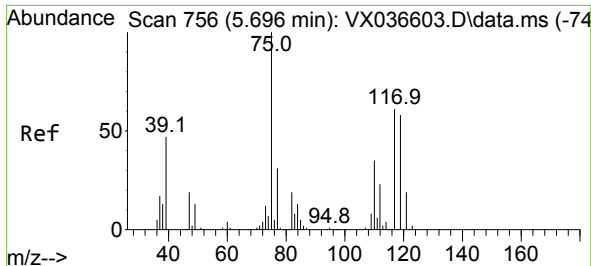
Tgt Ion:114 Resp: 350273
Ion Ratio Lower Upper
114 100
63 20.2 0.0 45.0
88 16.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.561 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036608.D
Acq: 21 Jul 2023 13:32

Tgt Ion:113 Resp: 112100
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 18.0 13.3 19.9

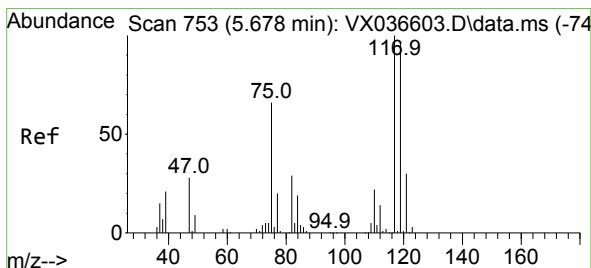
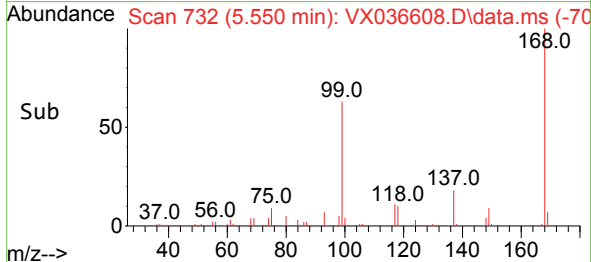
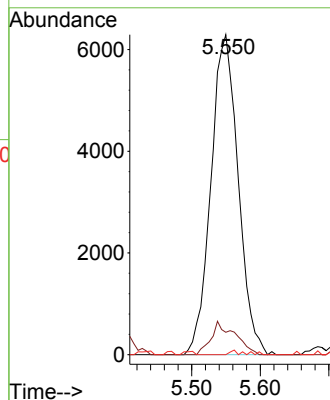
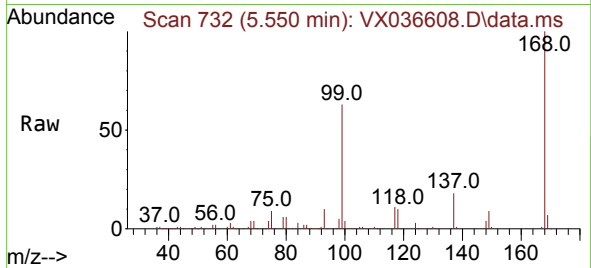




#36
1,1-Dichloropropene
Concen: 4.843 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX036608.D
Acq: 21 Jul 2023 13:32

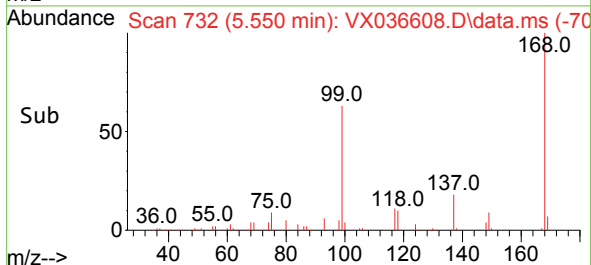
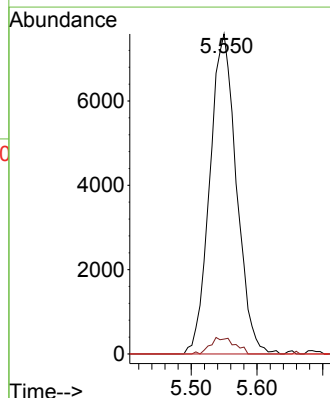
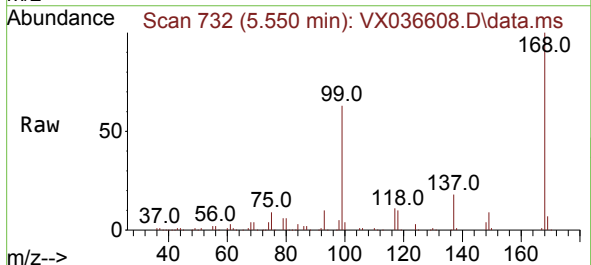
Instrument :
MSVOA_X
ClientSampleId :
VX0721WBL01

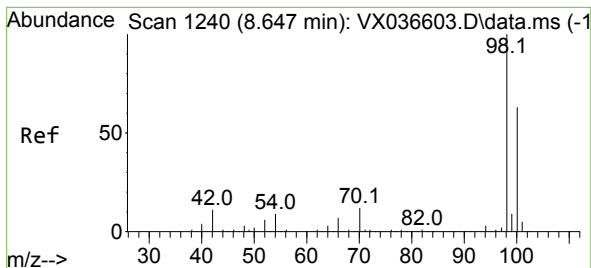
Tgt Ion: 75 Resp: 17380
Ion Ratio Lower Upper
75 100
110 0.0 17.0 50.9#
77 0.4 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.615 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX036608.D
Acq: 21 Jul 2023 13:32

Tgt Ion: 117 Resp: 21421
Ion Ratio Lower Upper
117 100
119 4.7 78.2 117.2#
121 0.0 24.4 36.6#





#50

Toluene-d8

Concen: 49.141 ug/l

RT: 8.647 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036608.D

Acq: 21 Jul 2023 13:32

Instrument :

MSVOA_X

ClientSampleId :

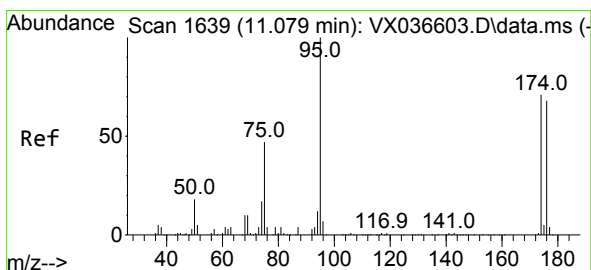
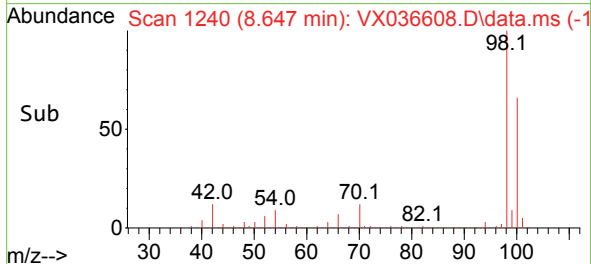
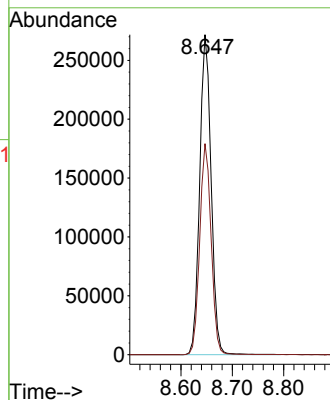
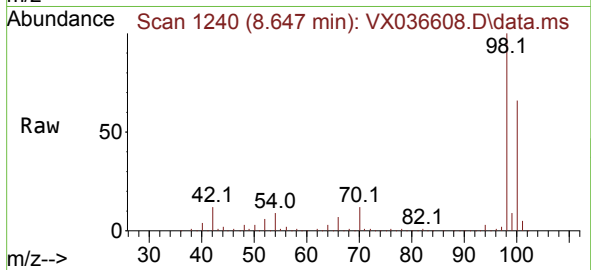
VX0721WBL01

Tgt Ion: 98 Resp: 419560

Ion Ratio Lower Upper

98 100

100 65.8 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 48.233 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX036608.D

Acq: 21 Jul 2023 13:32

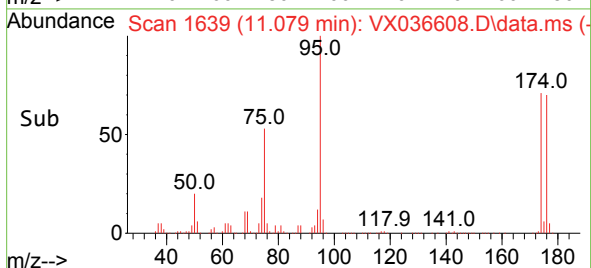
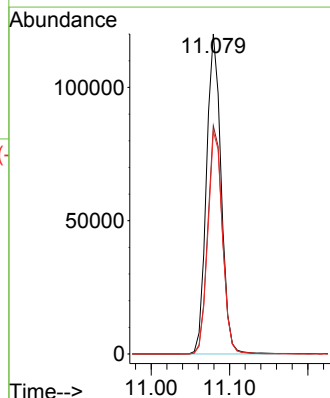
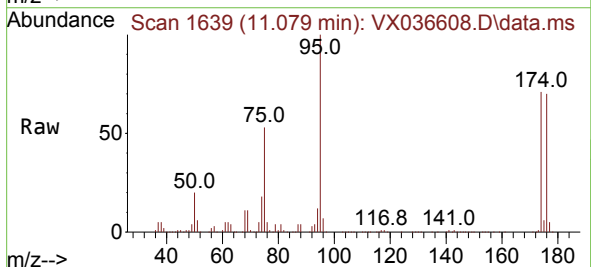
Tgt Ion: 95 Resp: 155366

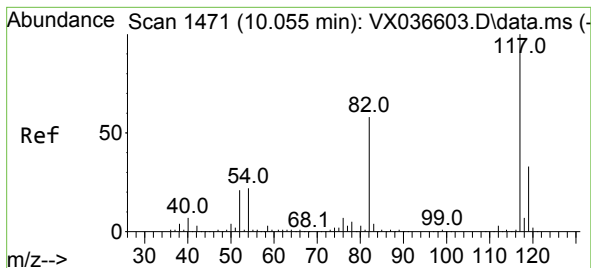
Ion Ratio Lower Upper

95 100

174 71.2 0.0 135.6

176 69.2 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: VX036608.D

Acq: 21 Jul 2023 13:32

Instrument :

MSVOA_X

ClientSampleId :

VX0721WBL01

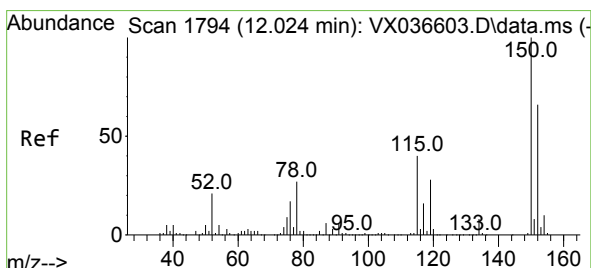
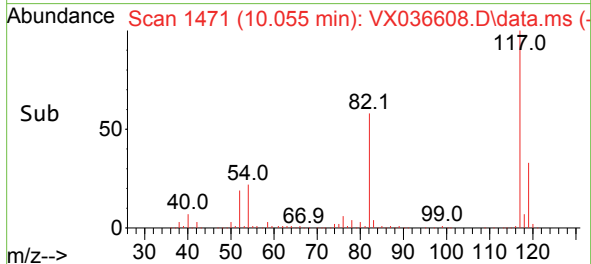
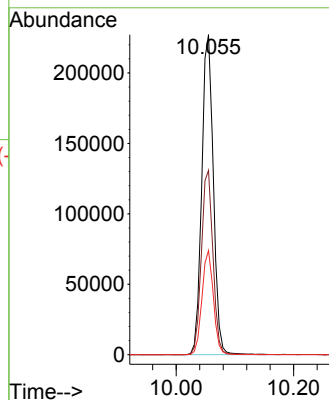
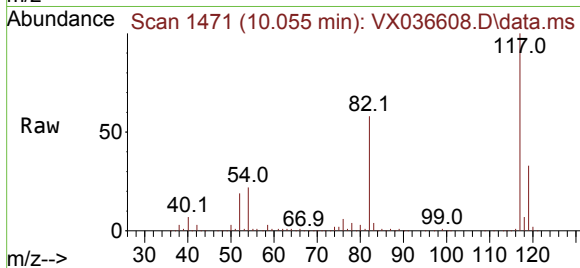
Tgt Ion:117 Resp: 311785

Ion Ratio Lower Upper

117 100

82 57.6 46.2 69.4

119 32.6 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: VX036608.D

Acq: 21 Jul 2023 13:32

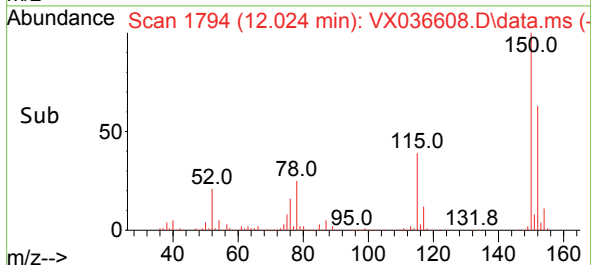
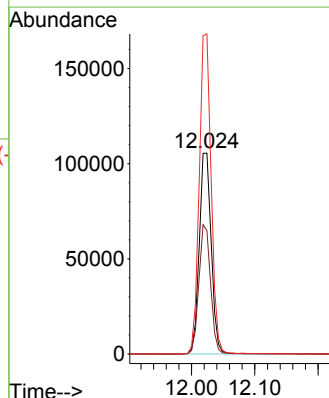
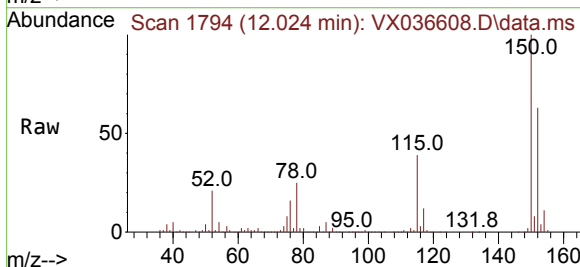
Tgt Ion:152 Resp: 139555

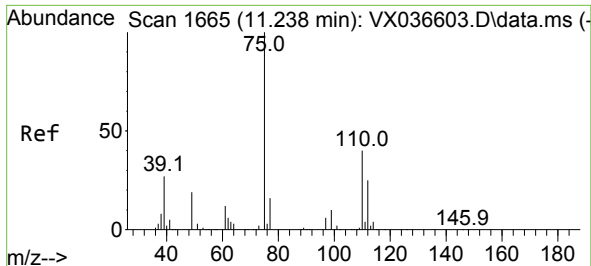
Ion Ratio Lower Upper

152 100

115 62.9 43.3 129.9

150 158.2 0.0 345.0

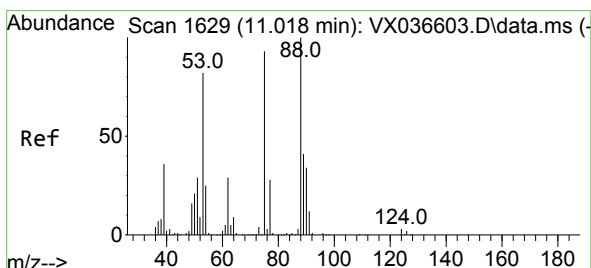
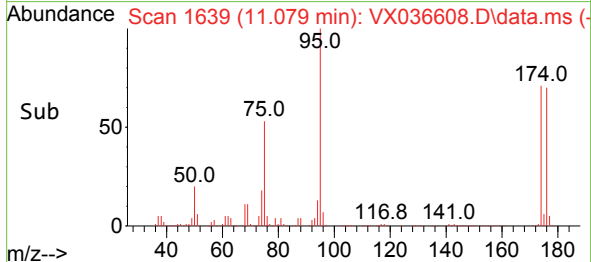
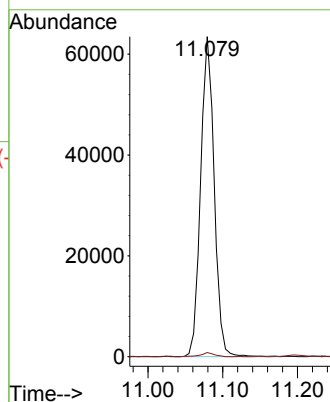
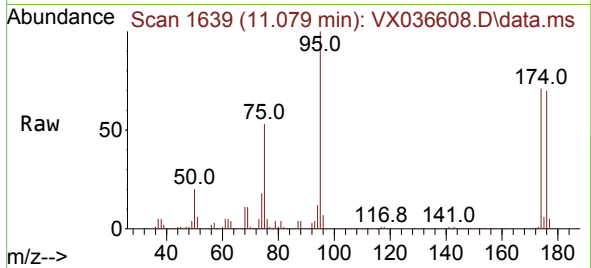




#76
1,2,3-Trichloropropane
Concen: 24.345 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX036608.D
Acq: 21 Jul 2023 13:32

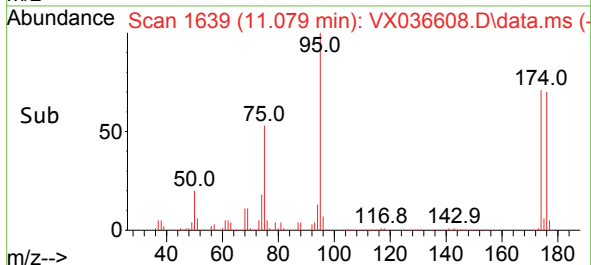
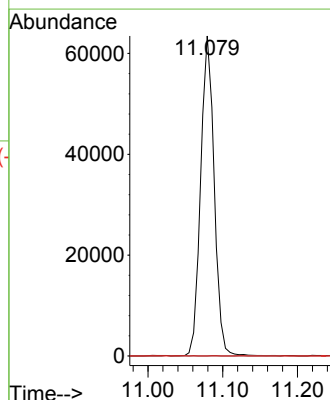
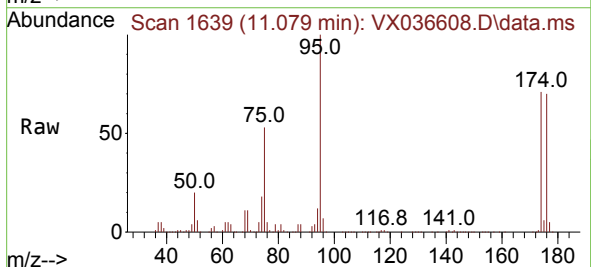
Instrument :
MSVOA_X
ClientSampleId :
VX0721WBL01

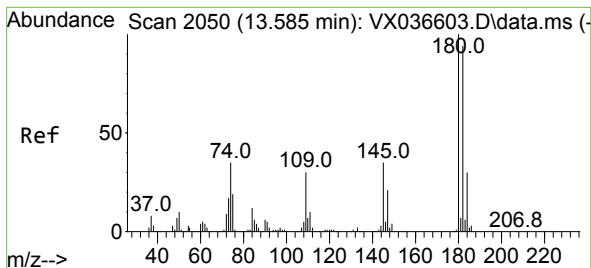
Tgt Ion: 75 Resp: 79912
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.179 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX036608.D
Acq: 21 Jul 2023 13:32

Tgt Ion: 75 Resp: 79912
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 36.9 55.3#





#93

1,2,4-Trichlorobenzene

Concen: 0.212 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX036608.D

Acq: 21 Jul 2023 13:32

Instrument :

MSVOA_X

ClientSampleId :

VX0721WBL01

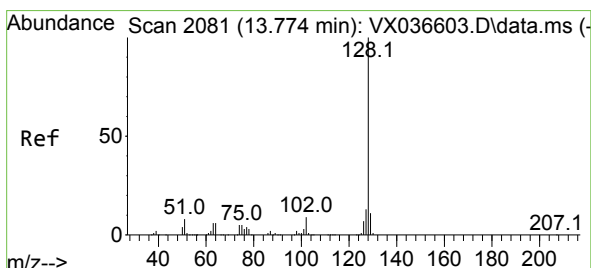
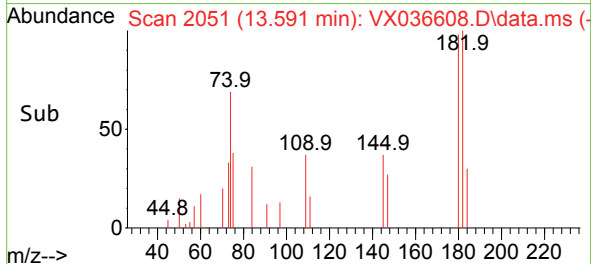
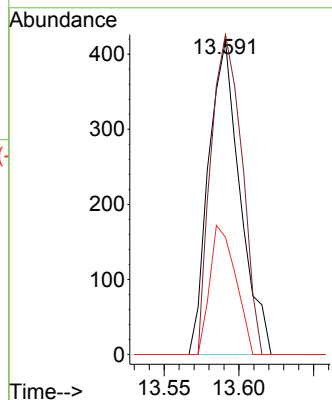
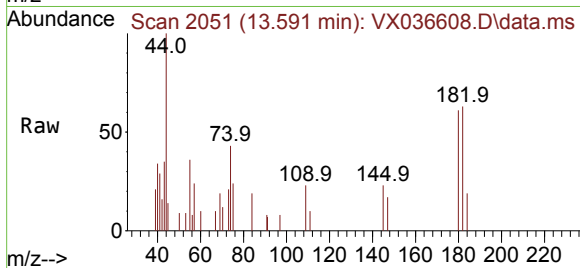
Tgt Ion:180 Resp: 613

Ion Ratio Lower Upper

180 100

182 99.7 48.3 144.8

145 33.6 18.0 54.0



#95

Naphthalene

Concen: 0.211 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX036608.D

Acq: 21 Jul 2023 13:32

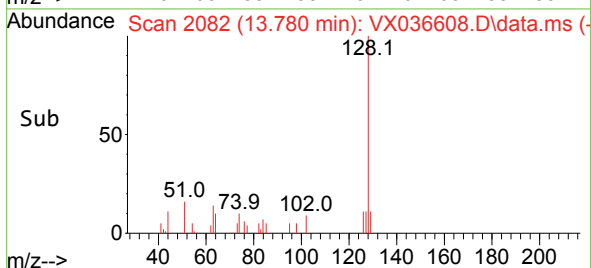
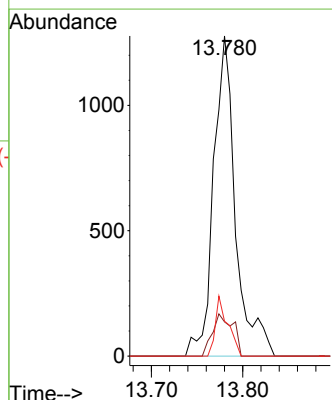
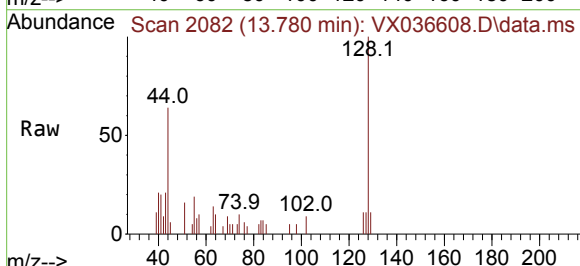
Tgt Ion:128 Resp: 2134

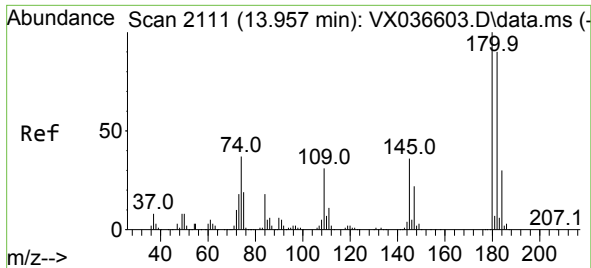
Ion Ratio Lower Upper

128 100

127 12.3 10.3 15.5

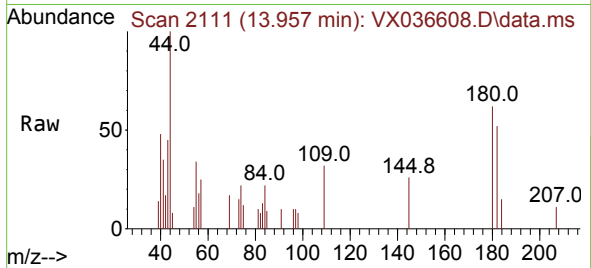
129 10.6 8.8 13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 0.200 ug/l
 RT: 13.957 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VX036608.D
 Acq: 21 Jul 2023 13:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0721WBL01



Tgt Ion:	180	Resp:	571
Ion	Ratio	Lower	Upper
180	100		
182	89.3	46.9	140.6
145	38.2	17.8	53.5

