

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073123\
 Data File : VX036710.D
 Acq On : 31 Jul 2023 11:09
 Operator : JC/MD
 Sample : VX0731WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBL01

Quant Time: Aug 01 04:33:13 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)

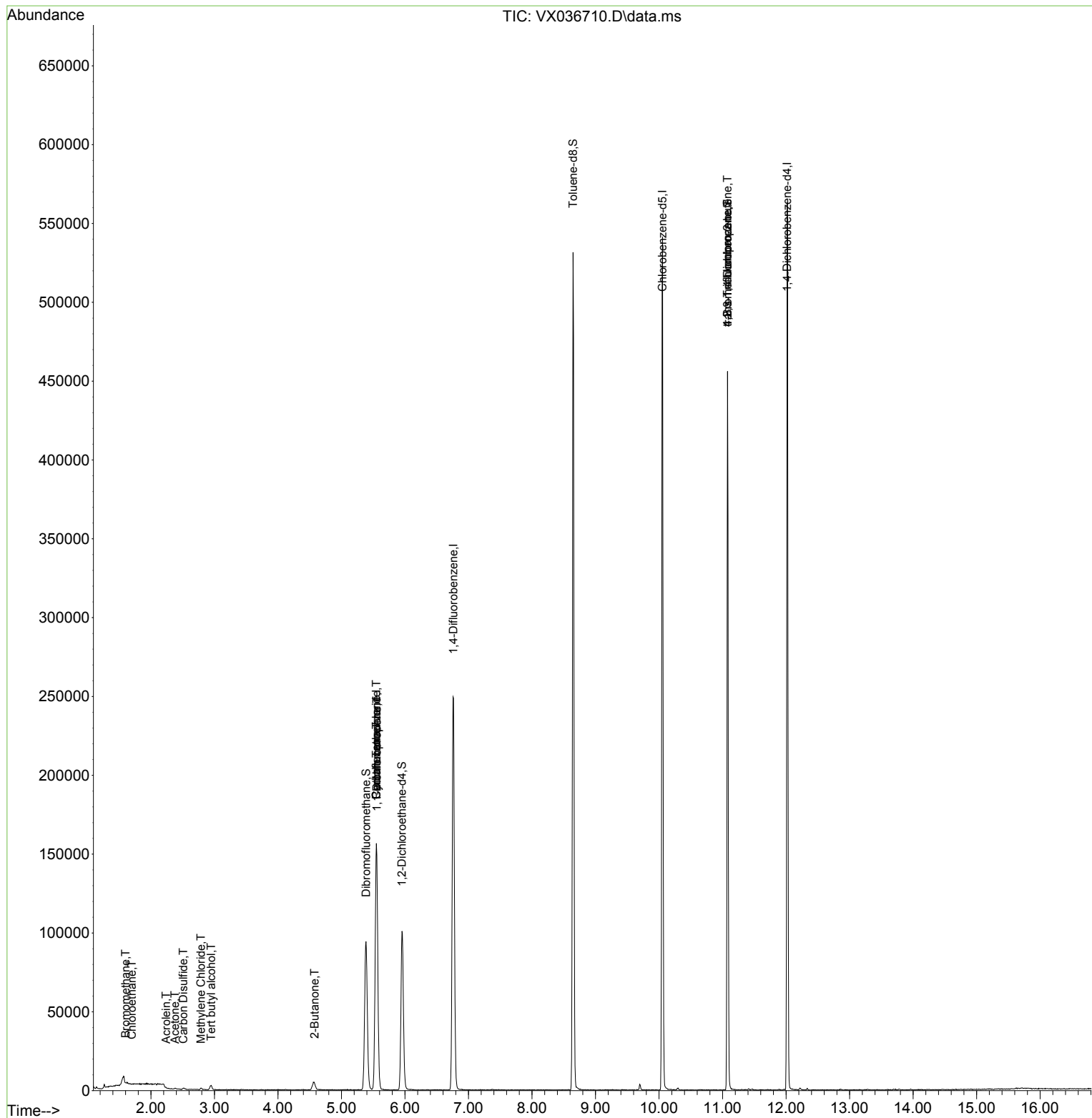
Internal Standards						
1) Pentafluorobenzene	5.550	168	146300	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	261475	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	243986	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	112988	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	97837	45.196	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.400%
35) Dibromofluoromethane	5.385	113	83256	46.325	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.640%
50) Toluene-d8	8.647	98	313564	49.199	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.400%
62) 4-Bromofluorobenzene	11.079	95	120819	50.246	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.500%
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	257	0.241	ug/l #	15
6) Chloroethane	1.697	64	253	0.291	ug/l #	43
11) Tert butyl alcohol	2.946	59	1802	3.516	ug/l #	86
13) Acrolein	2.239	56	316	1.080	ug/l #	31
16) Acetone	2.379	43	572	0.637	ug/l #	83
17) Carbon Disulfide	2.507	76	1027	0.227	ug/l #	76
20) Methylene Chloride	2.788	84	449	0.225	ug/l #	83
25) 2-Butanone	4.574	43	622	0.427	ug/l #	51
31) Cyclohexane	5.550	56	3215	1.073	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	12031	4.491	ug/l #	50
38) Carbon Tetrachloride	5.550	117	15548	5.459	ug/l #	14
76) 1,2,3-Trichloropropane	11.079	75	62714	23.598	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	62714	53.486	ug/l #	5

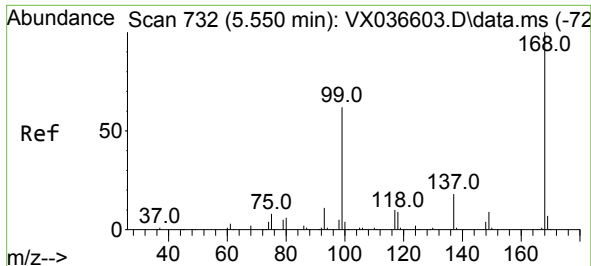
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073123\
Data File : VX036710.D
Acq On : 31 Jul 2023 11:09
Operator : JC/MD
Sample : VX0731WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBL01

Quant Time: Aug 01 04:33:13 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

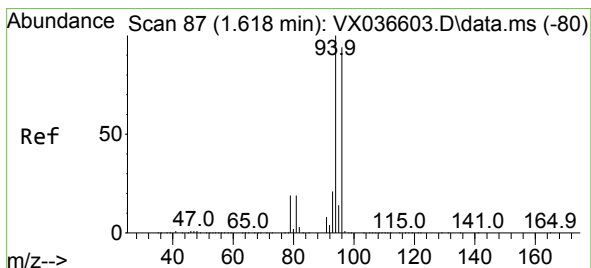
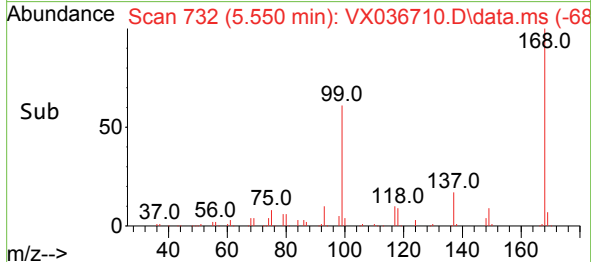
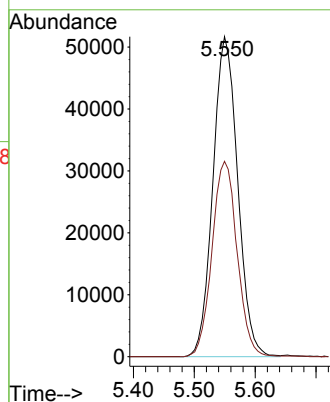
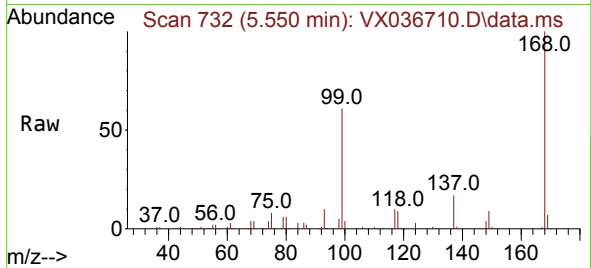




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX036710.D
Acq: 31 Jul 2023 11:09

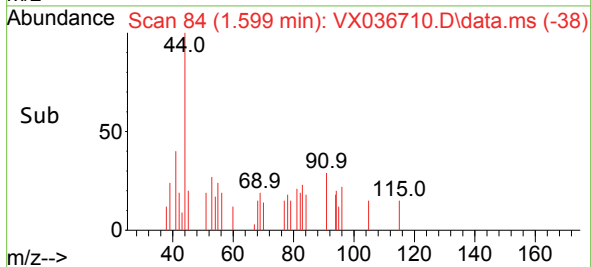
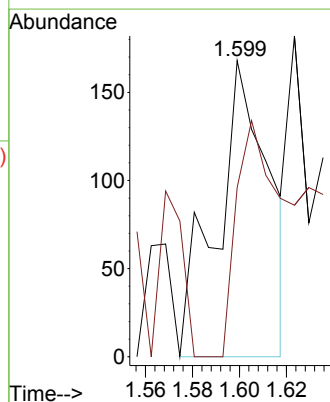
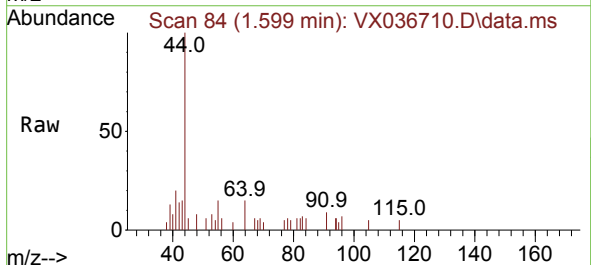
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBL01

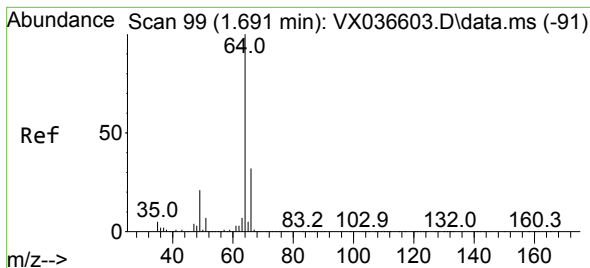
Tgt Ion:168 Resp: 146300
Ion Ratio Lower Upper
168 100
99 61.0 56.6 85.0



#5
Bromomethane
Concen: 0.241 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.018 min
Lab File: VX036710.D
Acq: 31 Jul 2023 11:09

Tgt Ion: 94 Resp: 257
Ion Ratio Lower Upper
94 100
96 11.3 74.6 111.8#





#6

Chloroethane

Concen: 0.291 ug/l

RT: 1.697 min Scan# 10

Delta R.T. 0.006 min

Lab File: VX036710.D

Acq: 31 Jul 2023 11:09

Instrument :

MSVOA_X

ClientSampleId :

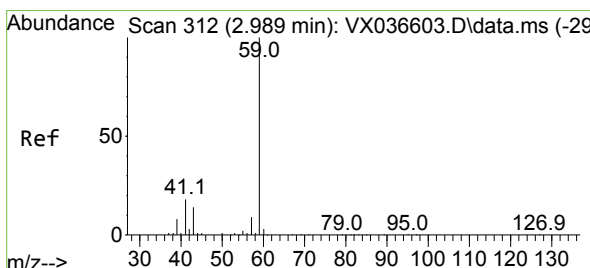
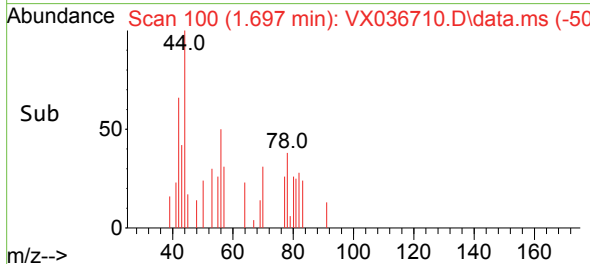
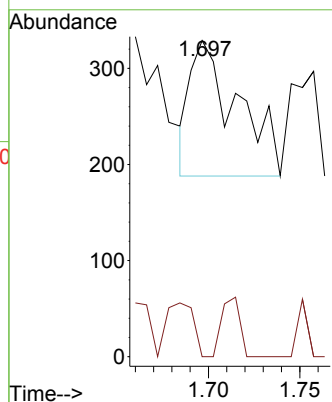
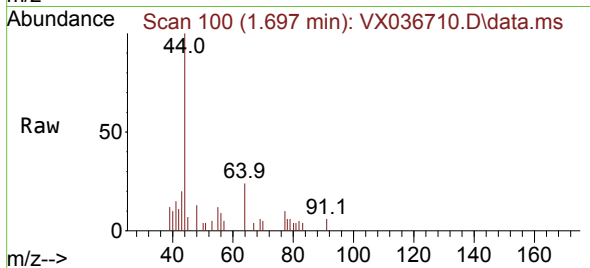
VX0731WBL01

Tgt Ion: 64 Resp: 253

Ion Ratio Lower Upper

64 100

66 0.0 25.1 37.7#



#11

Tert butyl alcohol

Concen: 3.516 ug/l

RT: 2.946 min Scan# 305

Delta R.T. -0.043 min

Lab File: VX036710.D

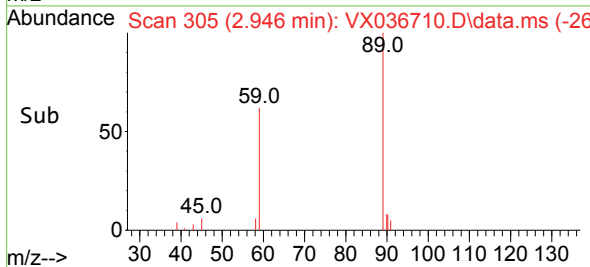
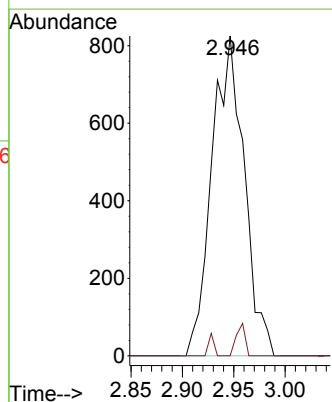
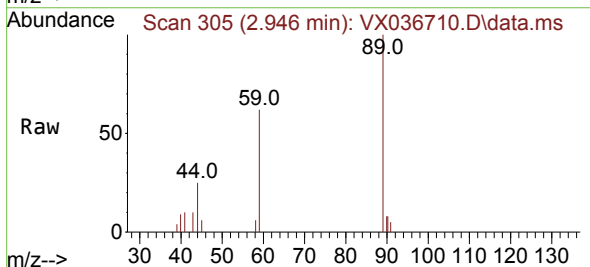
Acq: 31 Jul 2023 11:09

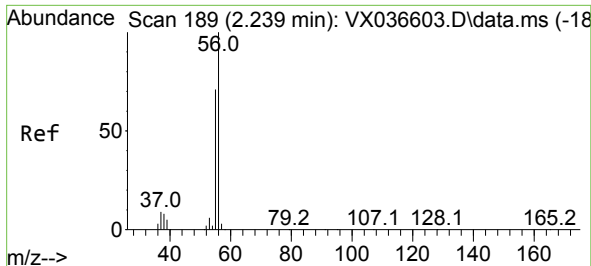
Tgt Ion: 59 Resp: 1802

Ion Ratio Lower Upper

59 100

57 2.8 6.0 9.0#





#13

Acrolein

Concen: 1.080 ug/l

RT: 2.239 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX036710.D

Acq: 31 Jul 2023 11:09

Instrument :

MSVOA_X

ClientSampleId :

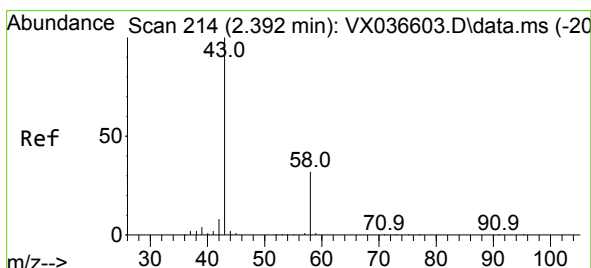
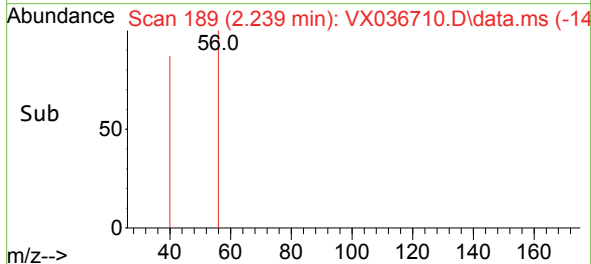
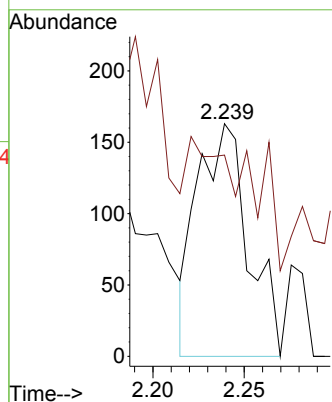
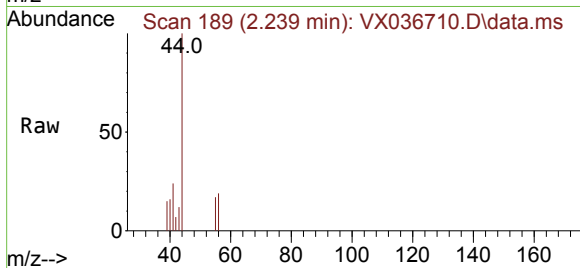
VX0731WBL01

Tgt Ion: 56 Resp: 316

Ion Ratio Lower Upper

56 100

55 14.6 57.1 85.7#



#16

Acetone

Concen: 0.637 ug/l

RT: 2.379 min Scan# 212

Delta R.T. -0.012 min

Lab File: VX036710.D

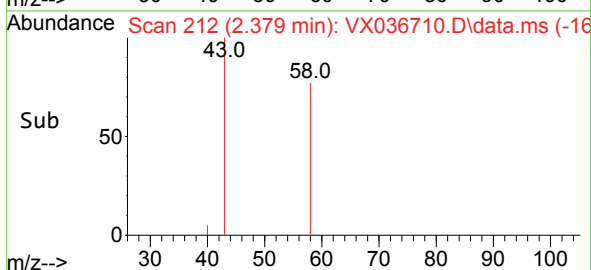
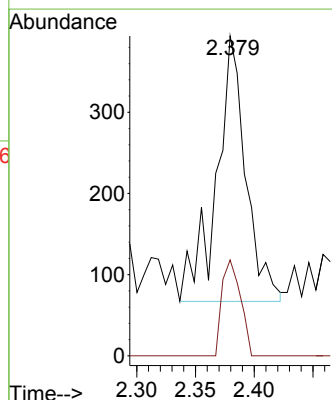
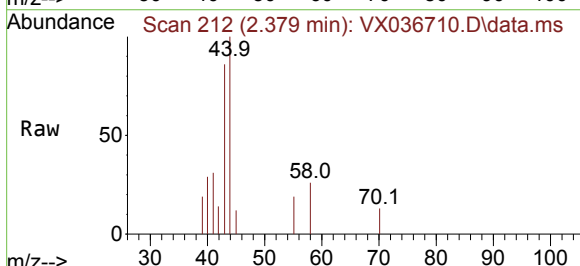
Acq: 31 Jul 2023 11:09

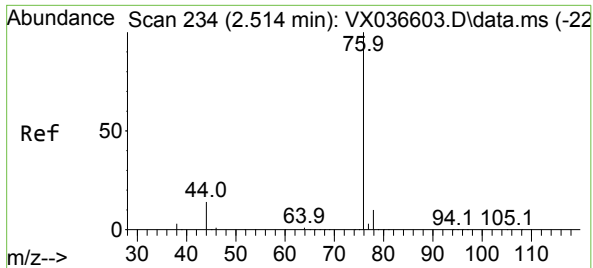
Tgt Ion: 43 Resp: 572

Ion Ratio Lower Upper

43 100

58 36.1 21.9 32.9#





#17

Carbon Disulfide

Concen: 0.227 ug/l

RT: 2.507 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX036710.D

Acq: 31 Jul 2023 11:09

Instrument :

MSVOA_X

ClientSampleId :

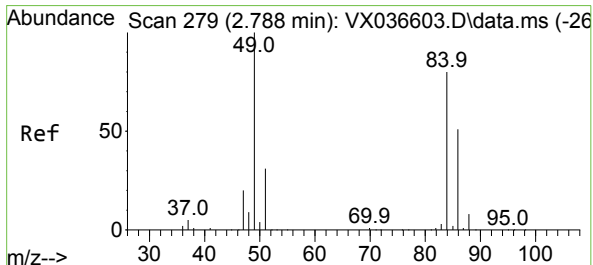
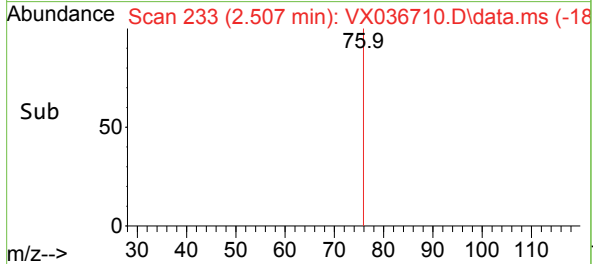
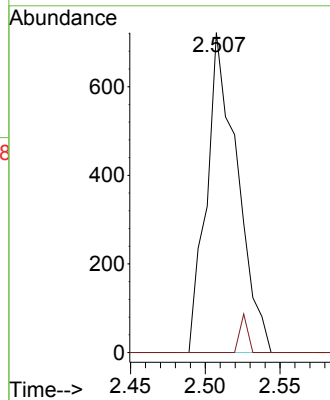
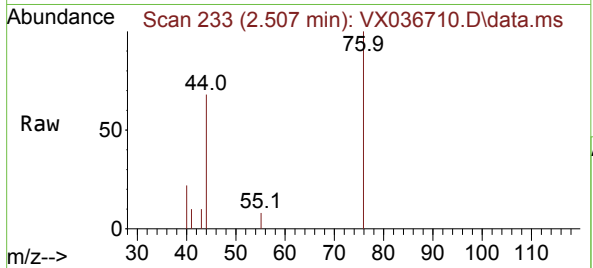
VX0731WBL01

Tgt Ion: 76 Resp: 1027

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



#20

Methylene Chloride

Concen: 0.225 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX036710.D

Acq: 31 Jul 2023 11:09

Tgt Ion: 84 Resp: 449

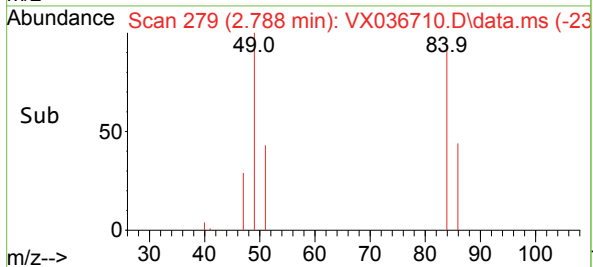
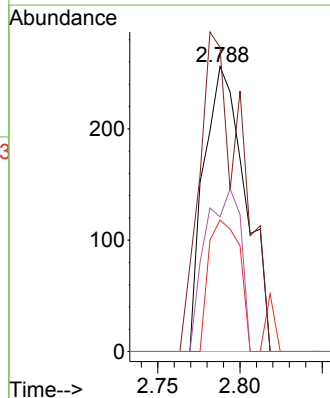
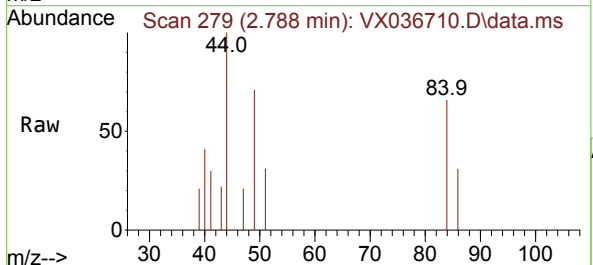
Ion Ratio Lower Upper

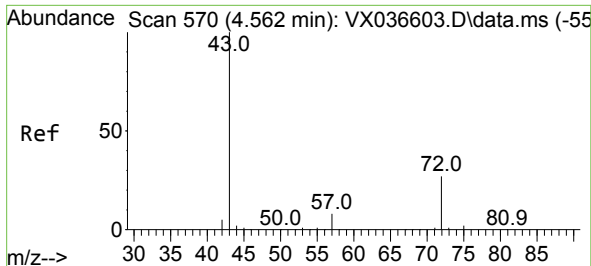
84 100

49 106.6 103.6 155.4

51 46.1 33.8 50.6

86 47.3 49.4 74.0#

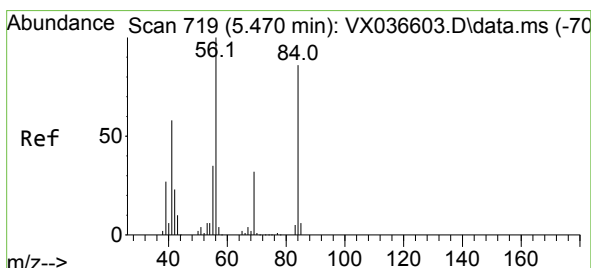
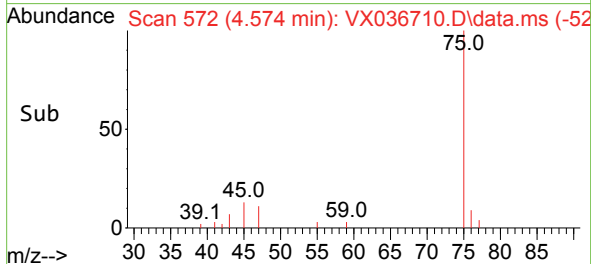
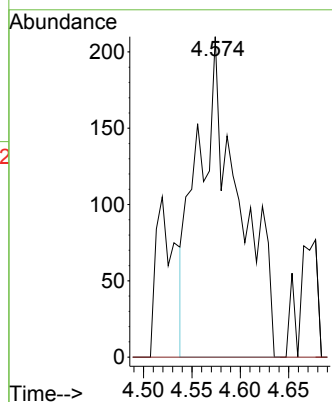
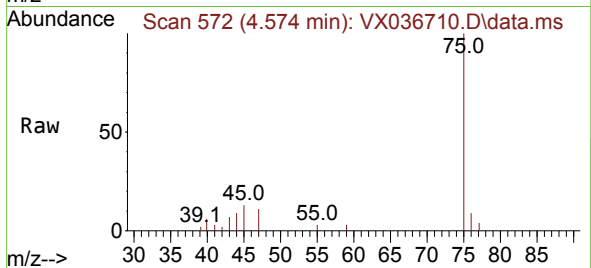




#25
2-Butanone
Concen: 0.427 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX036710.D
Acq: 31 Jul 2023 11:09

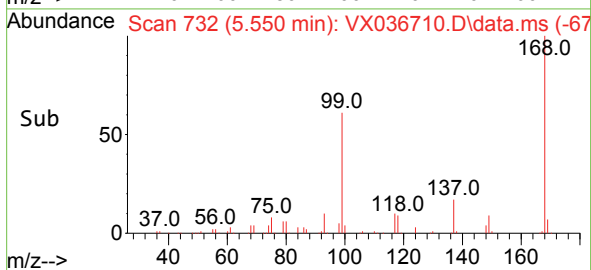
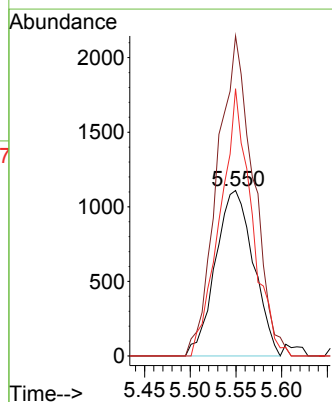
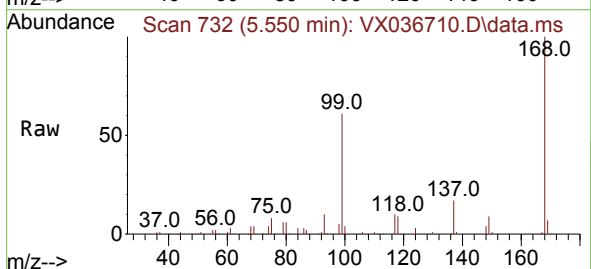
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBL01

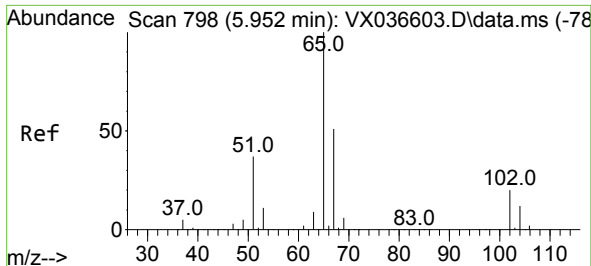
Tgt Ion: 43 Resp: 622
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#31
Cyclohexane
Concen: 1.073 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX036710.D
Acq: 31 Jul 2023 11:09

Tgt Ion: 56 Resp: 3215
Ion Ratio Lower Upper
56 100
69 193.4 23.4 35.2#
84 161.5 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 45.196 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX036710.D

Acq: 31 Jul 2023 11:09

Instrument :

MSVOA_X

ClientSampleId :

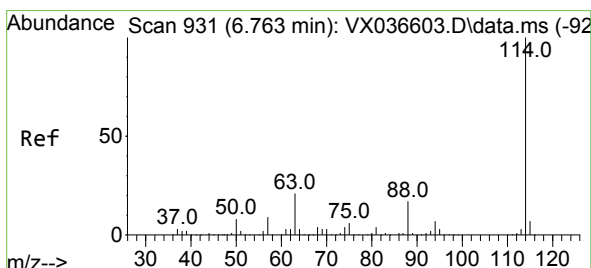
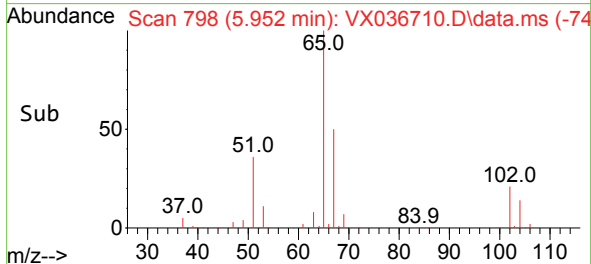
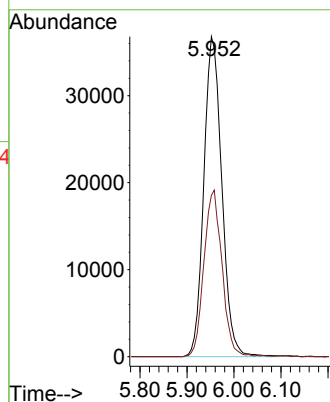
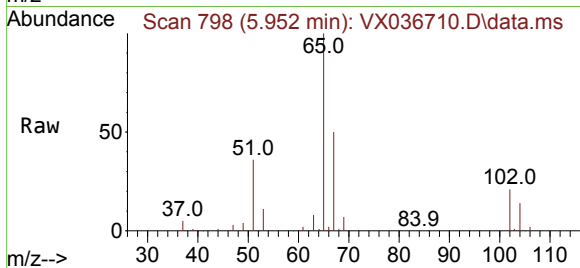
VX0731WBL01

Tgt Ion: 65 Resp: 97837

Ion Ratio Lower Upper

65 100

67 52.2 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: VX036710.D

Acq: 31 Jul 2023 11:09

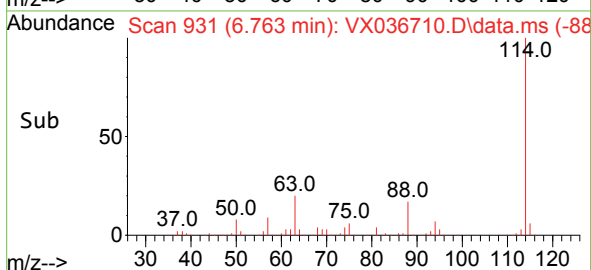
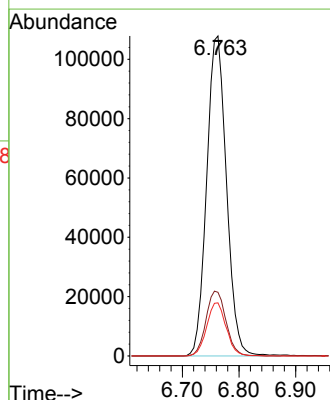
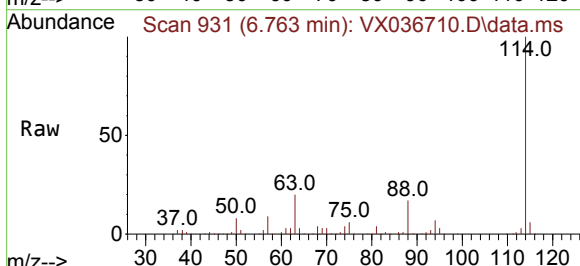
Tgt Ion: 114 Resp: 261475

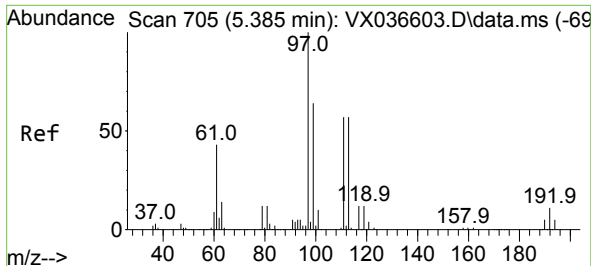
Ion Ratio Lower Upper

114 100

63 19.9 0.0 45.0

88 16.6 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.325 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX036710.D

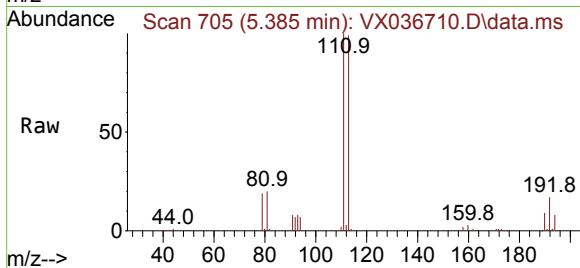
Acq: 31 Jul 2023 11:09

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBL01



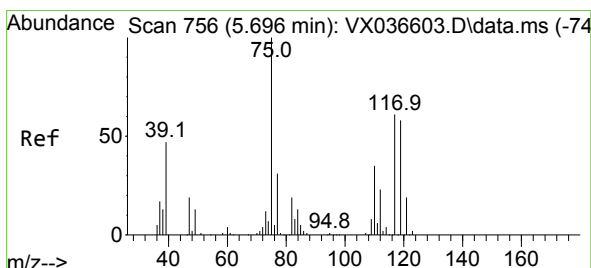
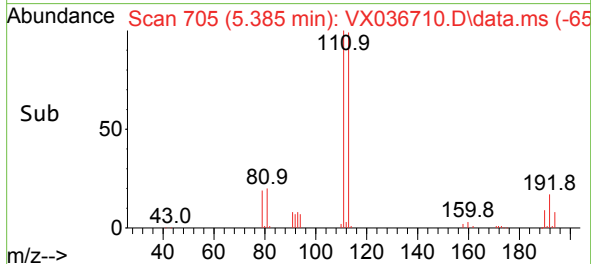
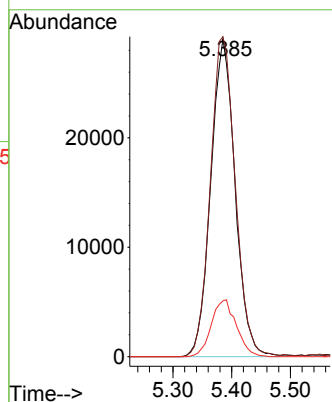
Tgt Ion:113 Resp: 83256

Ion Ratio Lower Upper

113 100

111 103.4 82.9 124.3

192 18.5 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.491 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX036710.D

Acq: 31 Jul 2023 11:09

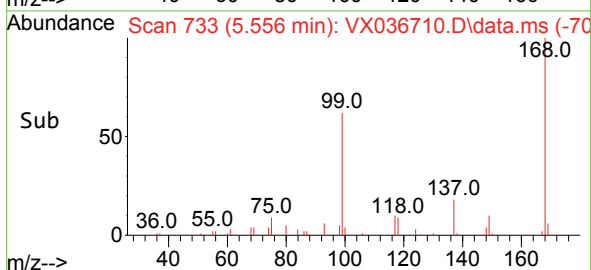
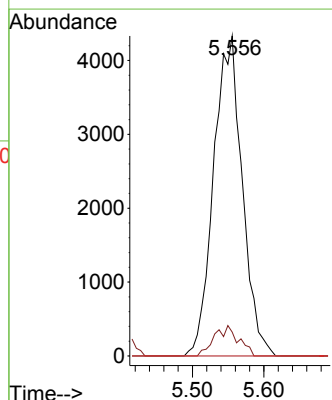
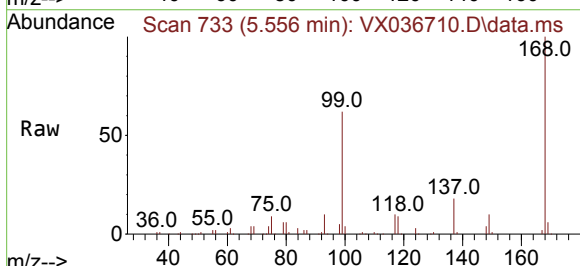
Tgt Ion: 75 Resp: 12031

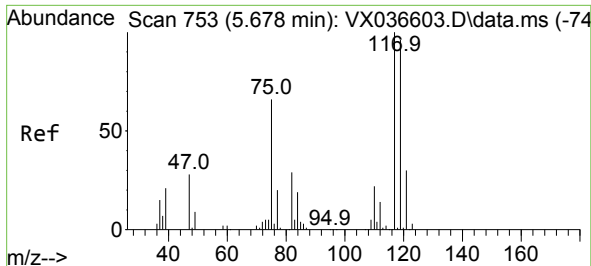
Ion Ratio Lower Upper

75 100

110 8.0 17.0 50.9#

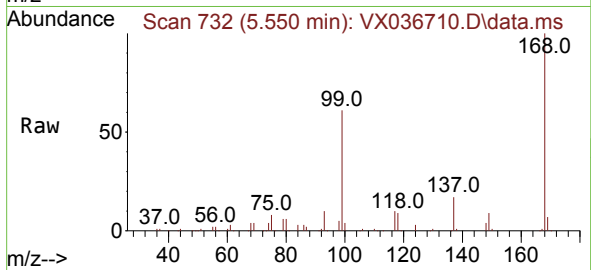
77 0.0 24.7 37.1#



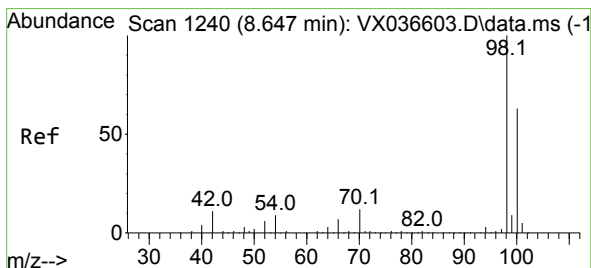
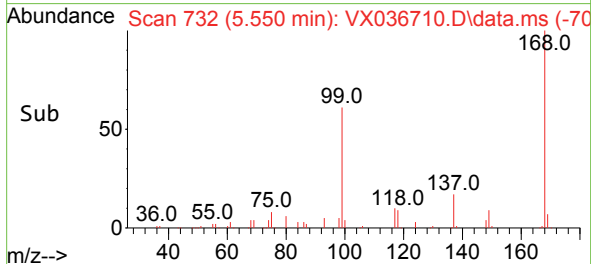
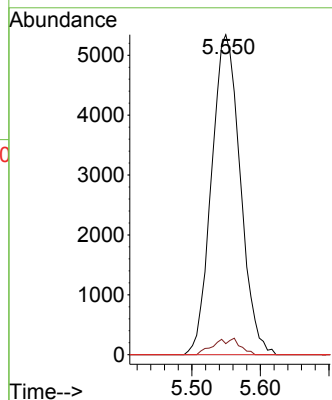


#38
Carbon Tetrachloride
Concen: 5.459 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX036710.D
Acq: 31 Jul 2023 11:09

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBL01

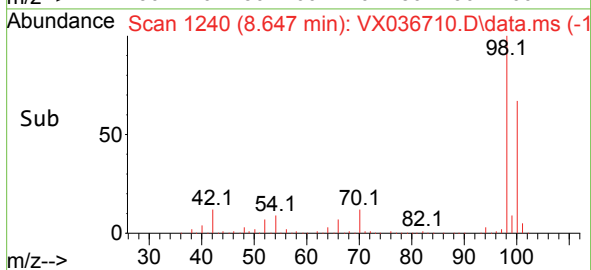
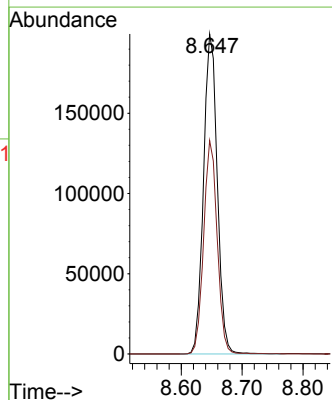
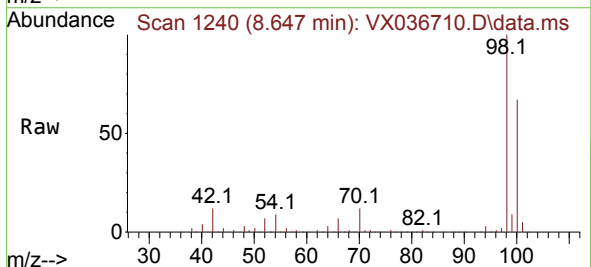


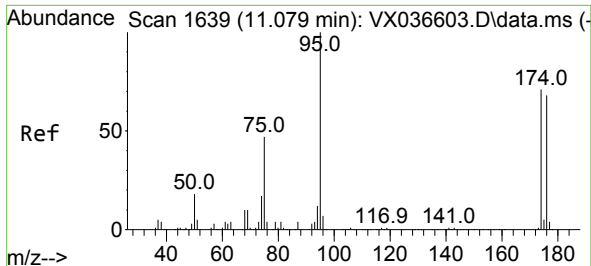
Tgt Ion:117 Resp: 15548
Ion Ratio Lower Upper
117 100
119 3.5 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.199 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX036710.D
Acq: 31 Jul 2023 11:09

Tgt Ion: 98 Resp: 313564
Ion Ratio Lower Upper
98 100
100 65.5 53.1 79.7

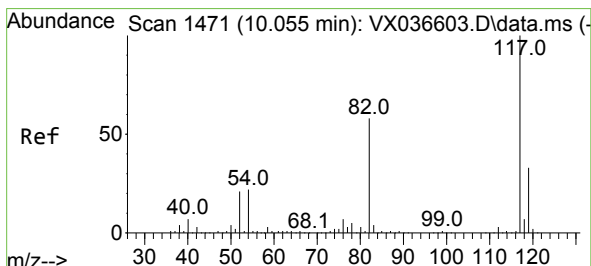
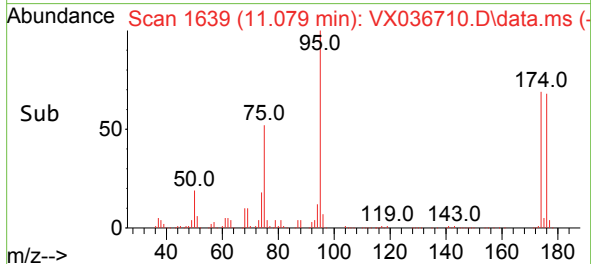
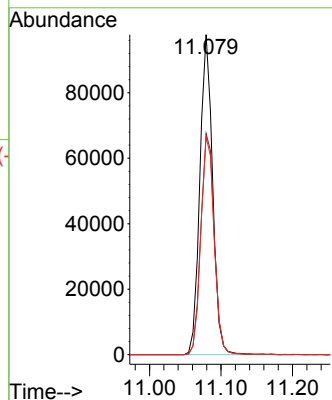
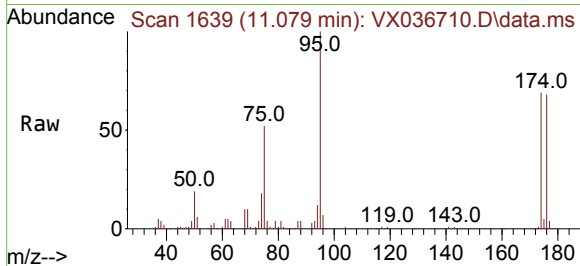




#62
4-Bromofluorobenzene
Concen: 50.246 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036710.D
Acq: 31 Jul 2023 11:09

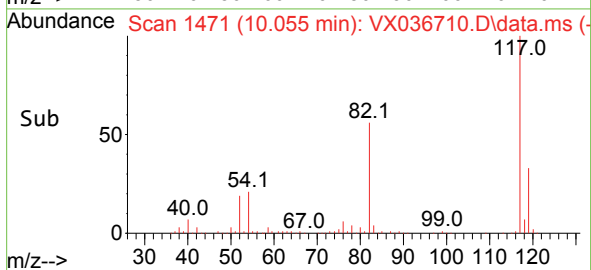
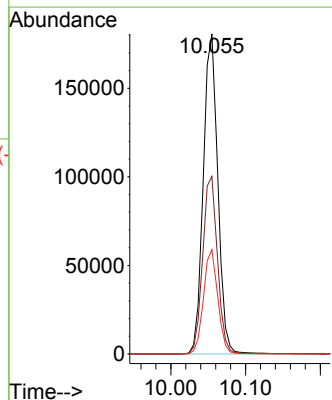
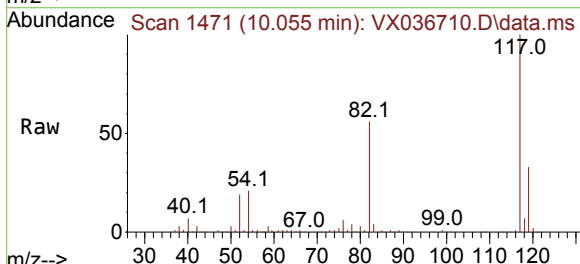
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBL01

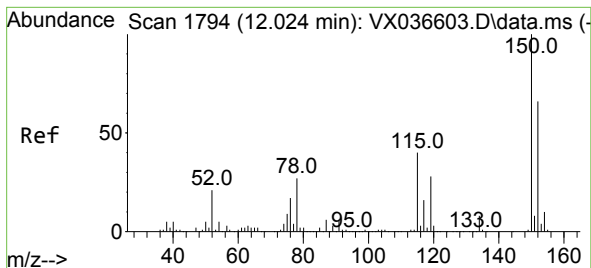
Tgt Ion: 95 Resp: 120819
Ion Ratio Lower Upper
95 100
174 72.8 0.0 135.6
176 71.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036710.D
Acq: 31 Jul 2023 11:09

Tgt Ion: 117 Resp: 243986
Ion Ratio Lower Upper
117 100
82 55.5 46.2 69.4
119 32.6 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: VX036710.D

Acq: 31 Jul 2023 11:09

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBL01

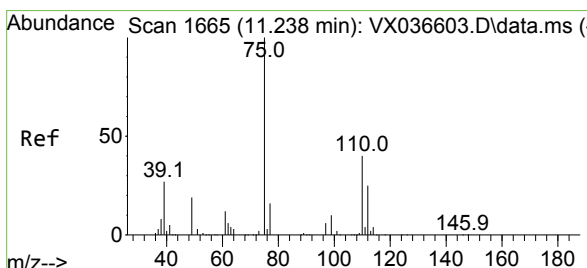
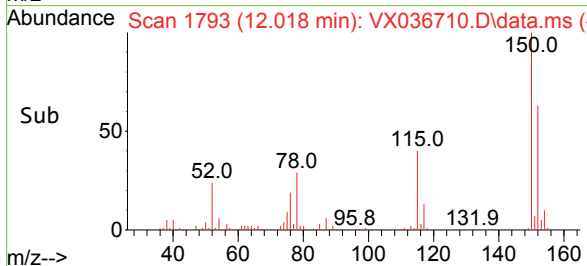
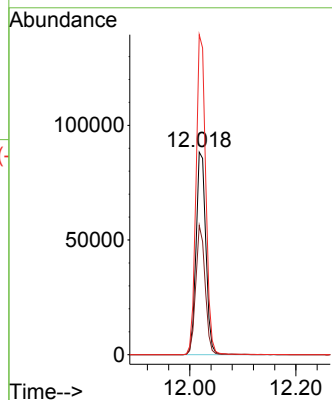
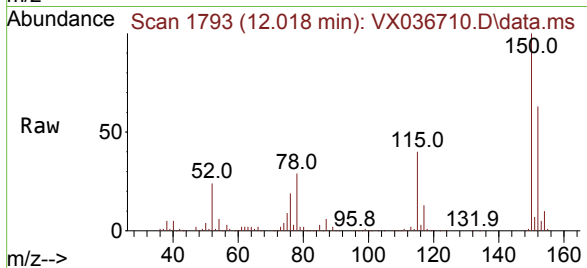
Tgt Ion:152 Resp: 112988

Ion Ratio Lower Upper

152 100

115 61.3 43.3 129.9

150 156.5 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 23.598 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX036710.D

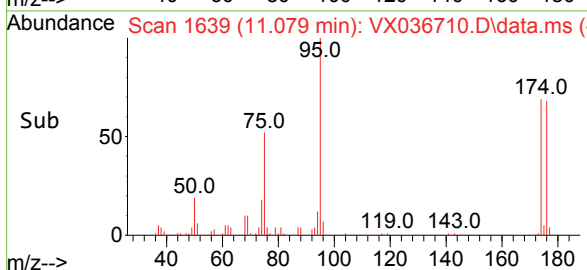
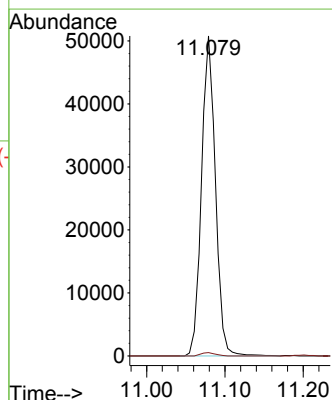
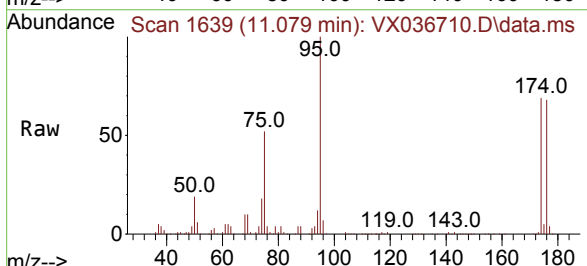
Acq: 31 Jul 2023 11:09

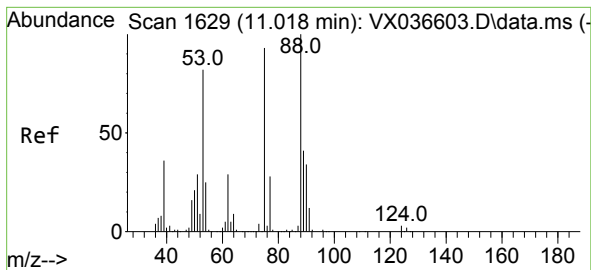
Tgt Ion: 75 Resp: 62714

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 53.486 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX036710.D
 Acq: 31 Jul 2023 11:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBL01

Tgt Ion: 75 Resp: 62714
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

