

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073123\
 Data File : VX036732.D
 Acq On : 31 Jul 2023 19:59
 Operator : JC/MD
 Sample : 03850-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-01-073123

Quant Time: Aug 01 04:42:27 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)

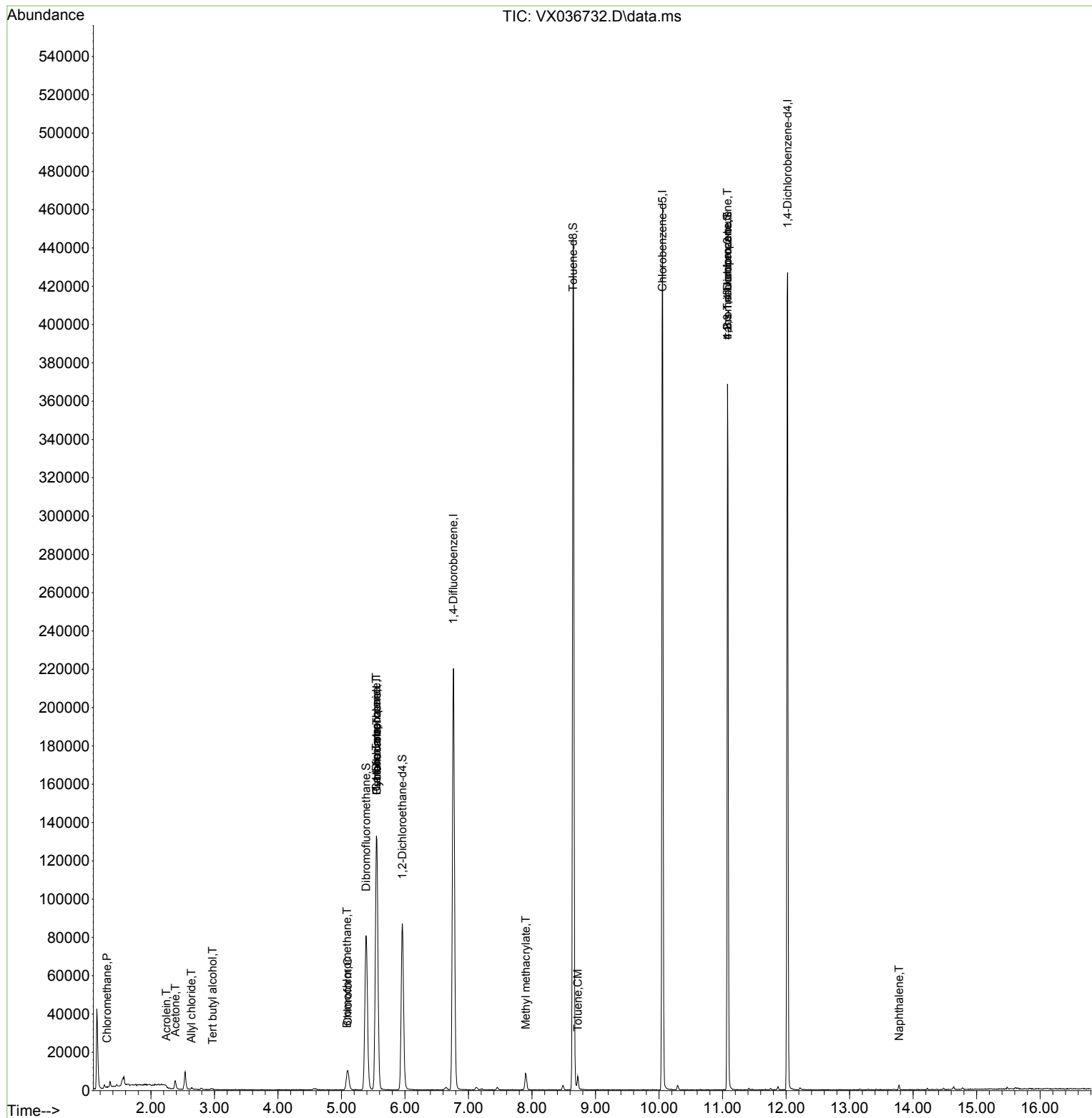
Internal Standards						
1) Pentafluorobenzene	5.556	168	125326	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	224389	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	204140	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87416	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	83333	44.938	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.880%		
35) Dibromofluoromethane	5.385	113	71384	46.283	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.560%		
50) Toluene-d8	8.647	98	269378	49.252	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.500%		
62) 4-Bromofluorobenzene	11.079	95	95732	46.392	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.780%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	359	0.238	ug/l	94
11) Tert butyl alcohol	2.971	59	539	1.228	ug/l #	78
13) Acrolein	2.239	56	116	0.463	ug/l #	14
14) Allyl chloride	2.636	41	1082	0.392	ug/l #	53
16) Acetone	2.386	43	5125	6.660	ug/l	95
28) Bromochloromethane	5.086	49	1068	0.751	ug/l #	16
30) Chloroform	5.099	83	12906	4.288	ug/l	99
31) Cyclohexane	5.556	56	2839	1.106	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	10103	4.395	ug/l #	50
38) Carbon Tetrachloride	5.550	117	13340	5.458	ug/l #	13
48) Methyl methacrylate	7.903	41	3359	1.613	ug/l #	38
52) Toluene	8.720	92	2482	0.592	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	49820	24.230	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	49820	54.919	ug/l #	5
95) Naphthalene	13.780	128	1946	0.308	ug/l	98

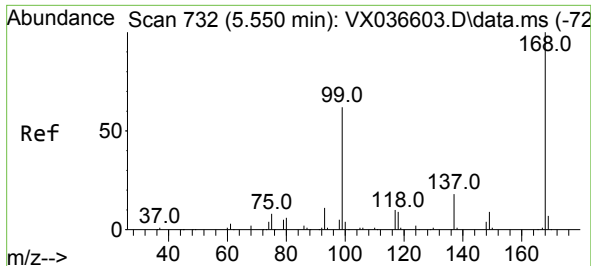
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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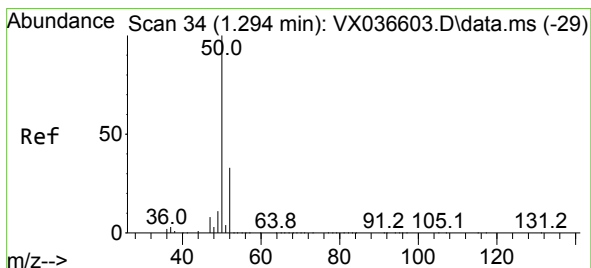
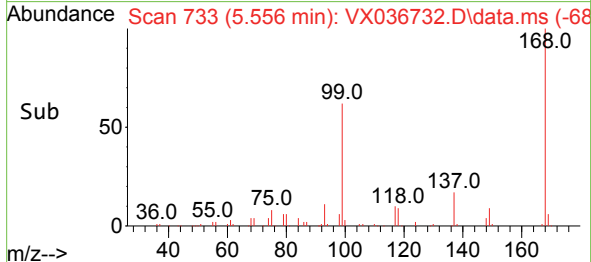
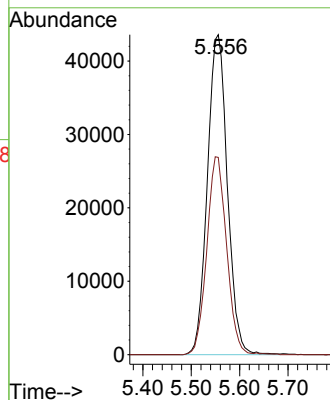
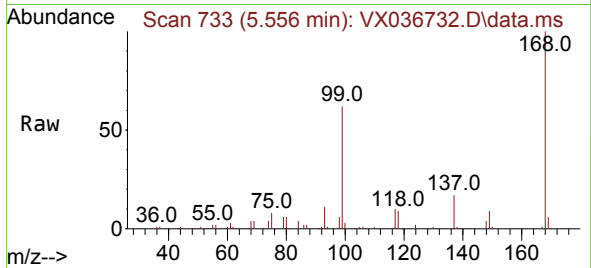




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036732.D
Acq: 31 Jul 2023 19:59

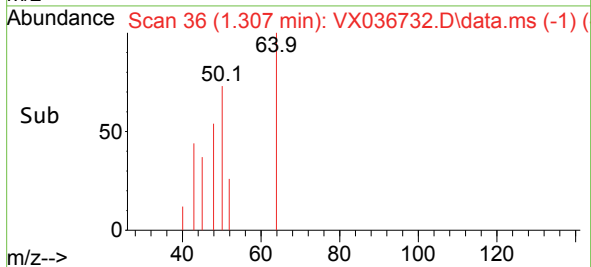
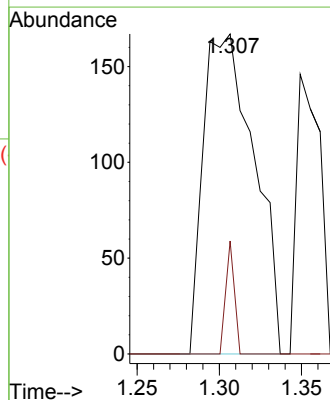
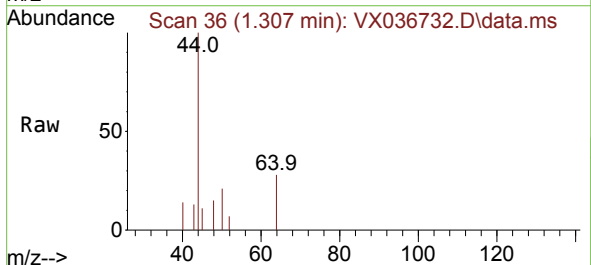
Instrument :
MSVOA_X
ClientSampleId :
EB-01-073123

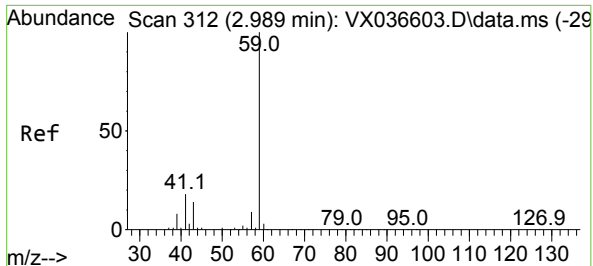
Tgt Ion:168 Resp: 125326
Ion Ratio Lower Upper
168 100
99 61.6 56.6 85.0



#3
Chloromethane
Concen: 0.238 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.012 min
Lab File: VX036732.D
Acq: 31 Jul 2023 19:59

Tgt Ion: 50 Resp: 359
Ion Ratio Lower Upper
50 100
52 35.3 25.5 38.3





#11

Tert butyl alcohol

Concen: 1.228 ug/l

RT: 2.971 min Scan# 309

Delta R.T. -0.018 min

Lab File: VX036732.D

Acq: 31 Jul 2023 19:59

Instrument :

MSVOA_X

ClientSampleId :

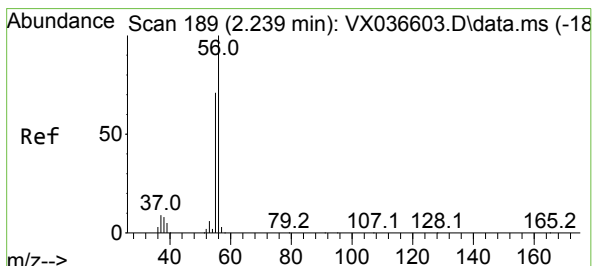
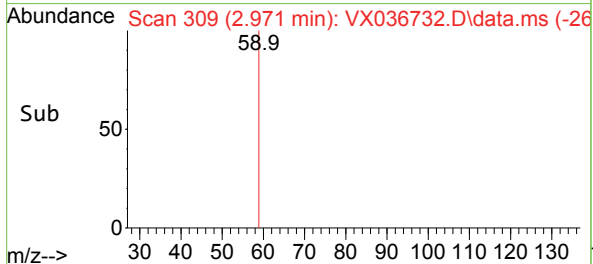
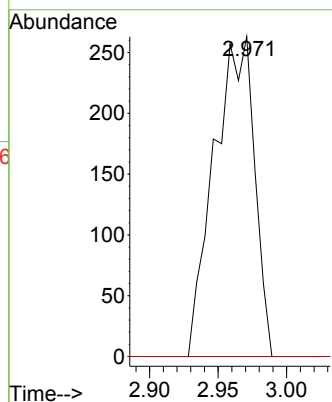
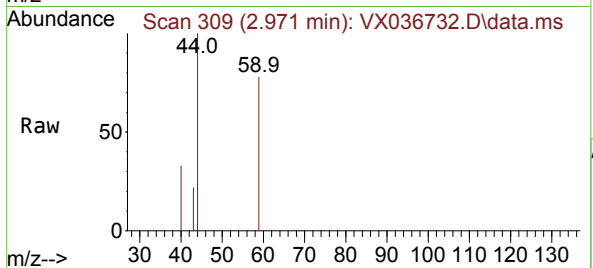
EB-01-073123

Tgt Ion: 59 Resp: 539

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#13

Acrolein

Concen: 0.463 ug/l

RT: 2.239 min Scan# 189

Delta R.T. -0.000 min

Lab File: VX036732.D

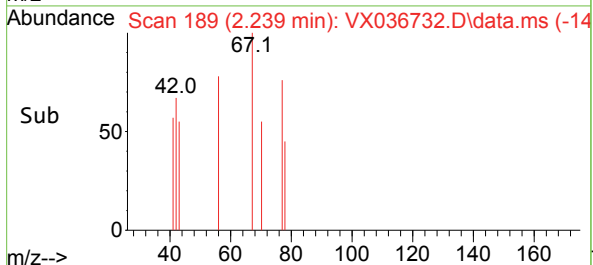
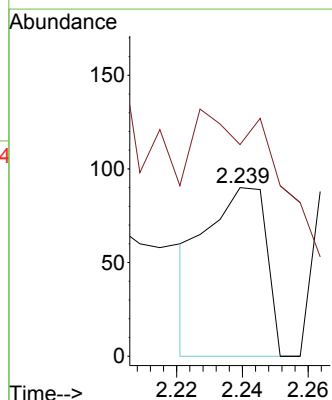
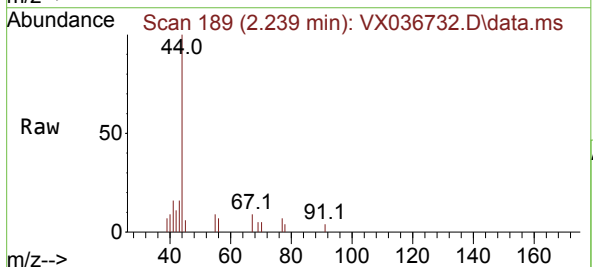
Acq: 31 Jul 2023 19:59

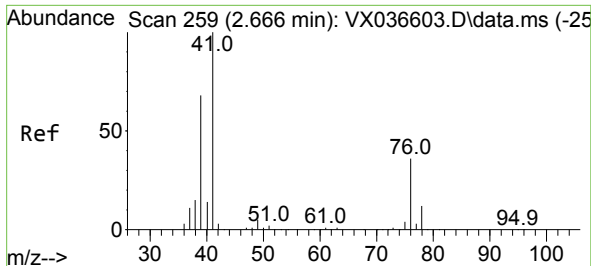
Tgt Ion: 56 Resp: 116

Ion Ratio Lower Upper

56 100

55 0.0 57.1 85.7#

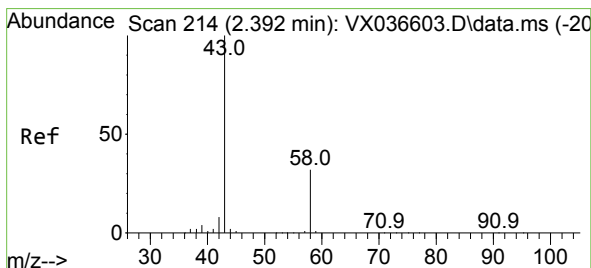
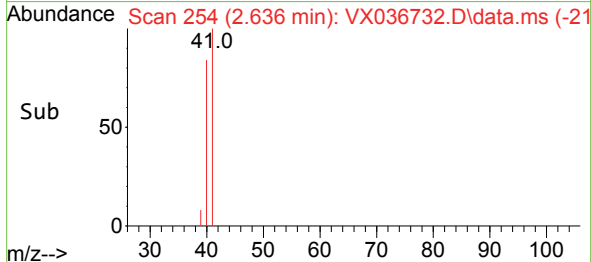
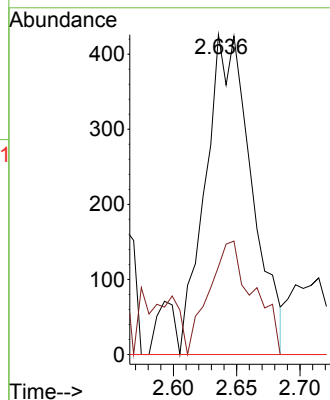
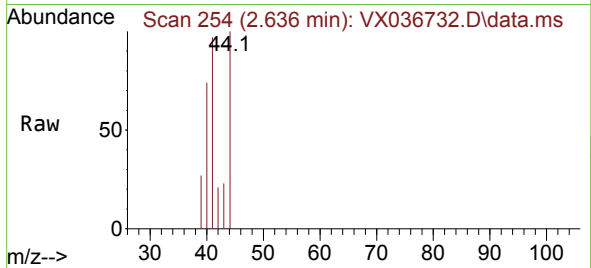




#14
 Allyl chloride
 Concen: 0.392 ug/l
 RT: 2.636 min Scan# 213
 Delta R.T. -0.031 min
 Lab File: VX036732.D
 Acq: 31 Jul 2023 19:59

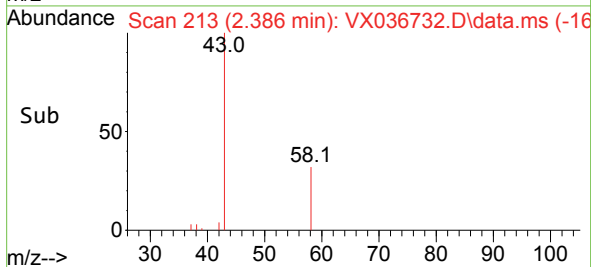
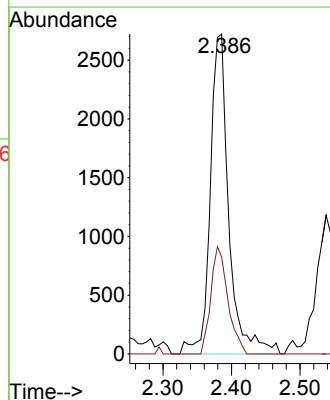
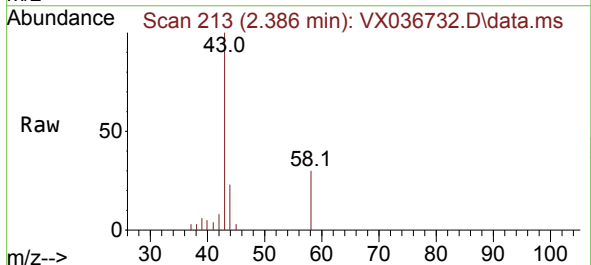
Instrument :
 MSVOA_X
 ClientSampleId :
 EB-01-073123

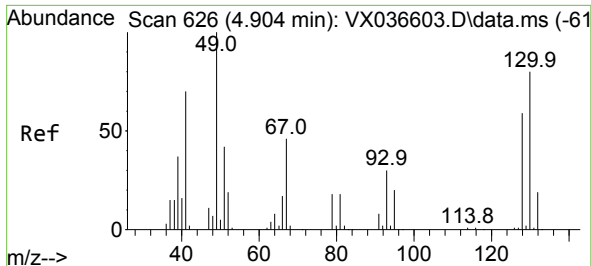
Tgt Ion: 41 Resp: 1082
 Ion Ratio Lower Upper
 41 100
 39 34.1 55.8 83.6#
 76 0.0 24.3 36.5#



#16
 Acetone
 Concen: 6.660 ug/l
 RT: 2.386 min Scan# 213
 Delta R.T. -0.006 min
 Lab File: VX036732.D
 Acq: 31 Jul 2023 19:59

Tgt Ion: 43 Resp: 5125
 Ion Ratio Lower Upper
 43 100
 58 30.2 21.9 32.9

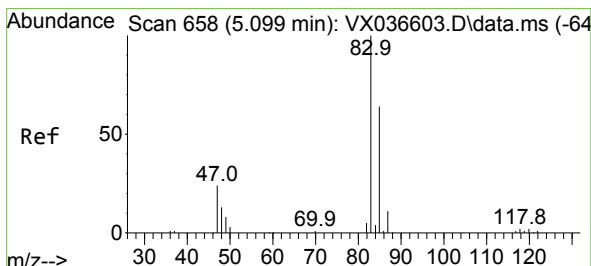
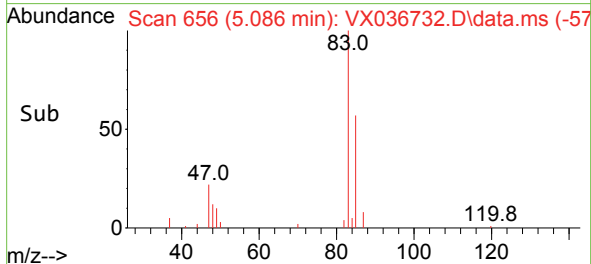
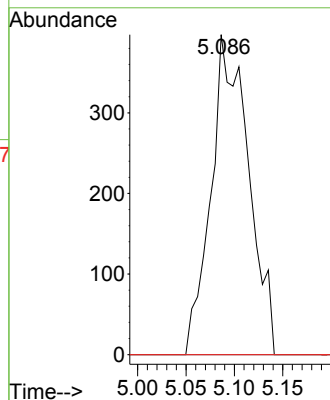
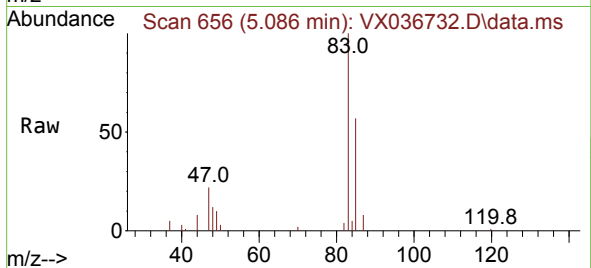




#28
Bromochloromethane
Concen: 0.751 ug/l
RT: 5.086 min Scan# 61
Delta R.T. 0.183 min
Lab File: VX036732.D
Acq: 31 Jul 2023 19:59

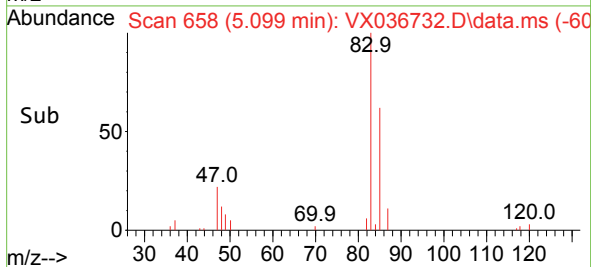
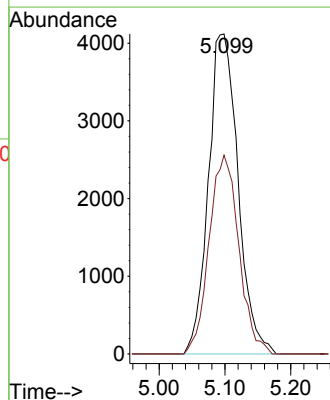
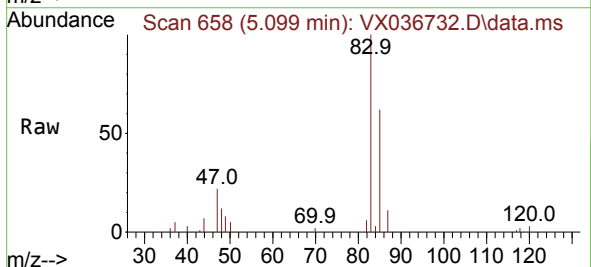
Instrument :
MSVOA_X
ClientSampleId :
EB-01-073123

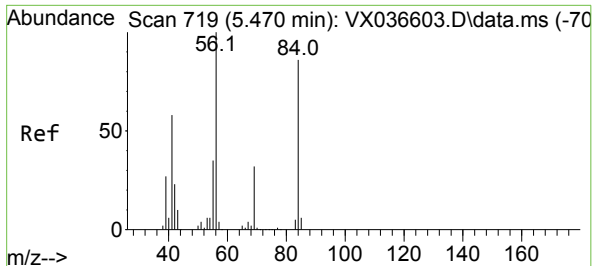
Tgt Ion: 49 Resp: 1068
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 0.0 57.5 86.3#



#30
Chloroform
Concen: 4.288 ug/l
RT: 5.099 min Scan# 658
Delta R.T. -0.000 min
Lab File: VX036732.D
Acq: 31 Jul 2023 19:59

Tgt Ion: 83 Resp: 12906
Ion Ratio Lower Upper
83 100
85 62.1 50.3 75.5

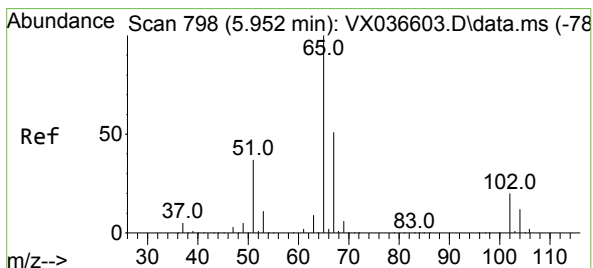
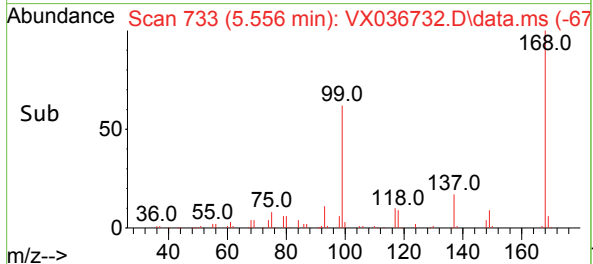
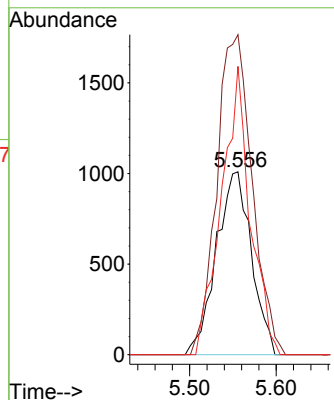
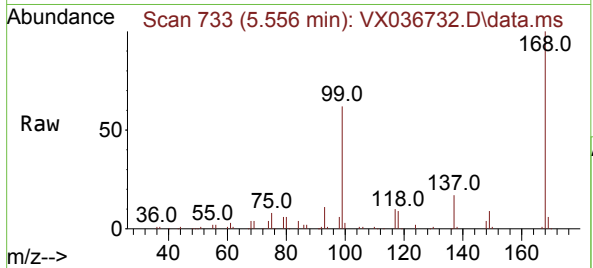




#31
Cyclohexane
Concen: 1.106 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX036732.D
Acq: 31 Jul 2023 19:59

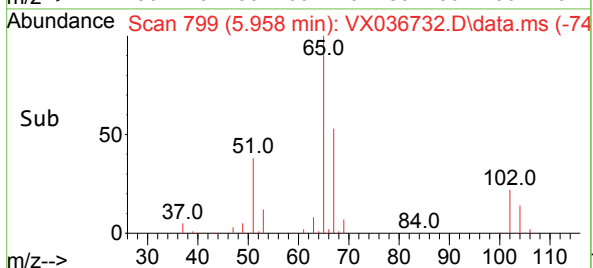
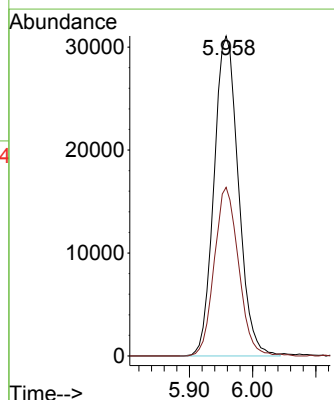
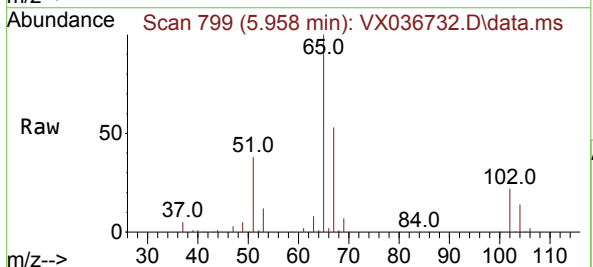
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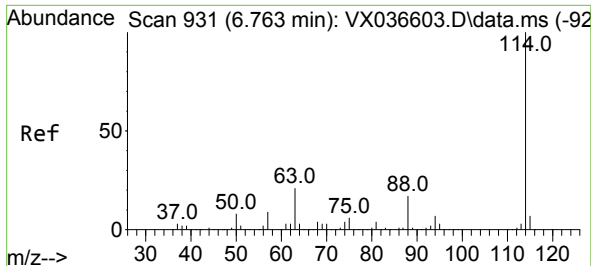
Tgt Ion: 56 Resp: 2839
Ion Ratio Lower Upper
56 100
69 175.0 23.4 35.2#
84 157.7 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 44.938 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX036732.D
Acq: 31 Jul 2023 19:59

Tgt Ion: 65 Resp: 83333
Ion Ratio Lower Upper
65 100
67 52.6 0.0 100.2

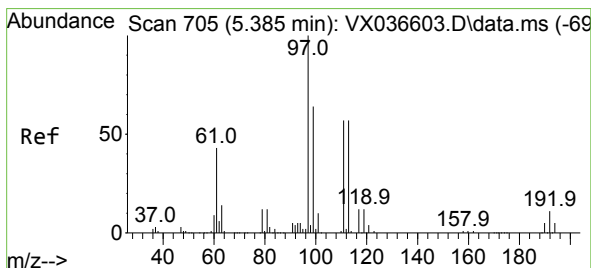
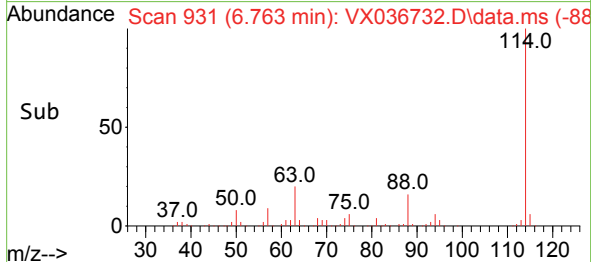
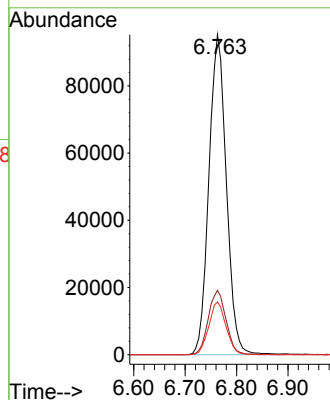
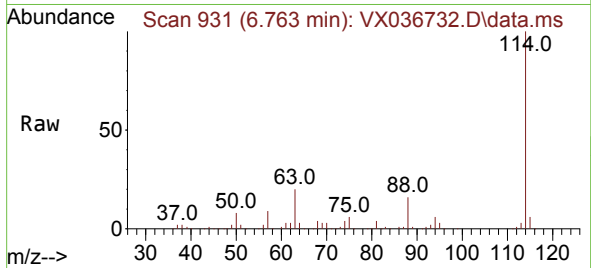




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX036732.D
Acq: 31 Jul 2023 19:59

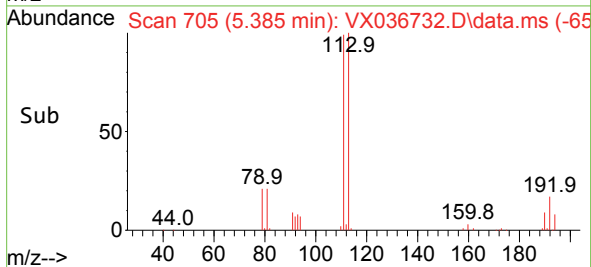
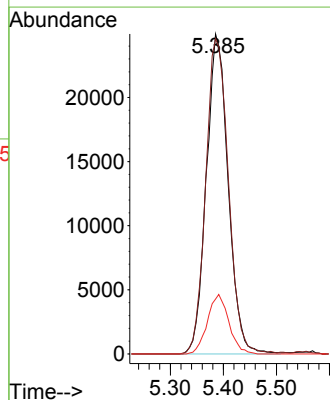
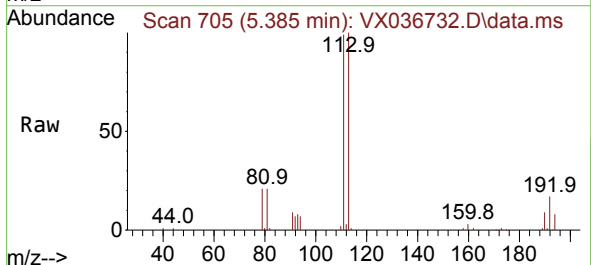
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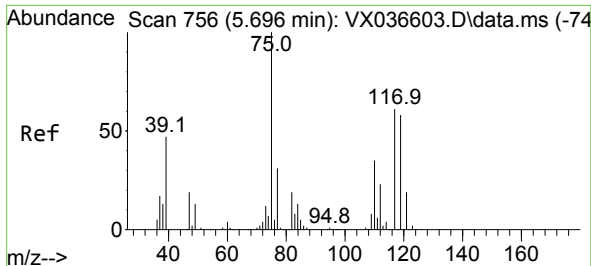
Tgt Ion:114 Resp: 224389
Ion Ratio Lower Upper
114 100
63 20.1 0.0 45.0
88 16.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.283 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX036732.D
Acq: 31 Jul 2023 19:59

Tgt Ion:113 Resp: 71384
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 18.2 13.3 19.9





#36

1,1-Dichloropropene

Concen: 4.395 ug/l

RT: 5.550 min Scan# 712

Delta R.T. -0.146 min

Lab File: VX036732.D

Acq: 31 Jul 2023 19:59

Instrument :

MSVOA_X

ClientSampleId :

EB-01-073123

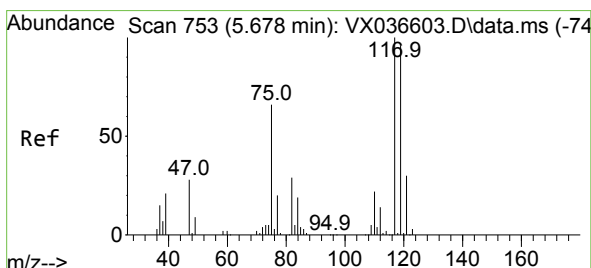
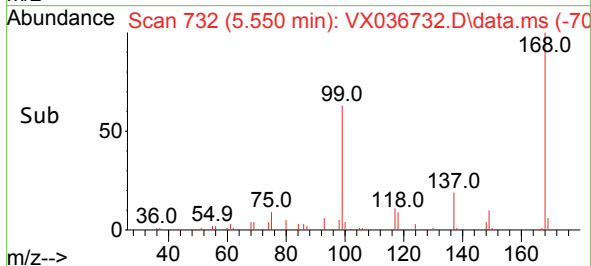
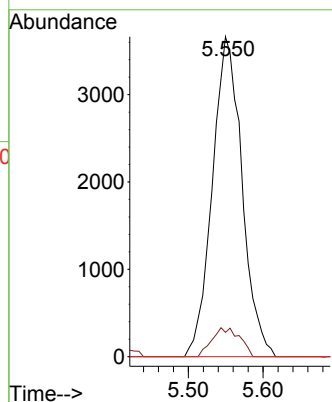
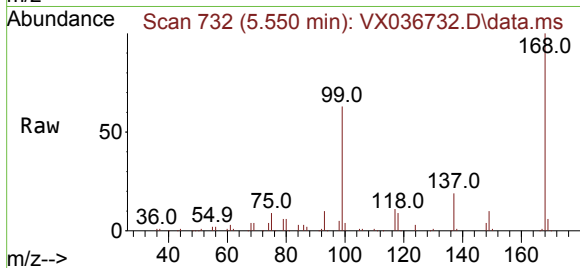
Tgt Ion: 75 Resp: 10103

Ion Ratio Lower Upper

75 100

110 8.5 17.0 50.9#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.458 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.128 min

Lab File: VX036732.D

Acq: 31 Jul 2023 19:59

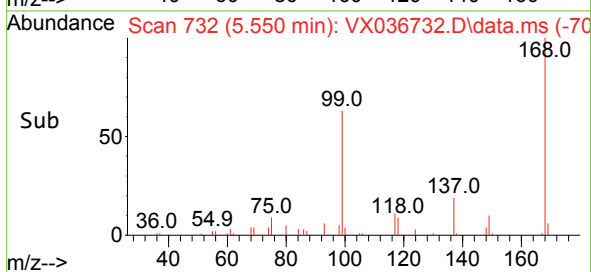
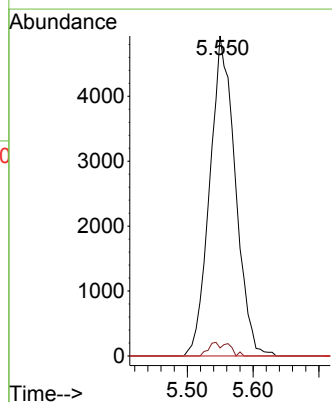
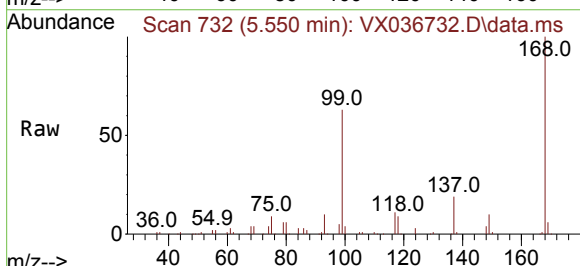
Tgt Ion: 117 Resp: 13340

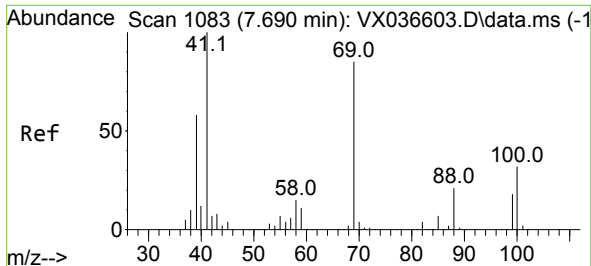
Ion Ratio Lower Upper

117 100

119 2.5 78.2 117.2#

121 0.0 24.4 36.6#





#48

Methyl methacrylate

Concen: 1.613 ug/l

RT: 7.903 min Scan# 1118

Delta R.T. 0.213 min

Lab File: VX036732.D

Acq: 31 Jul 2023 19:59

Instrument :

MSVOA_X

ClientSampleId :

EB-01-073123

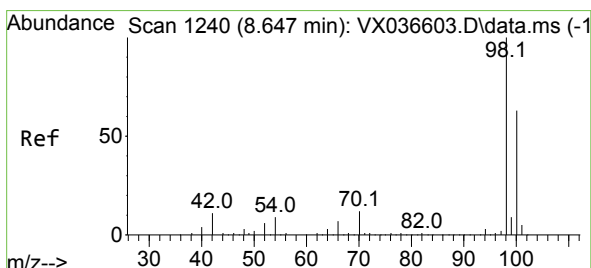
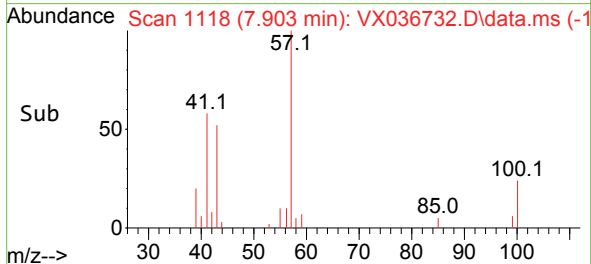
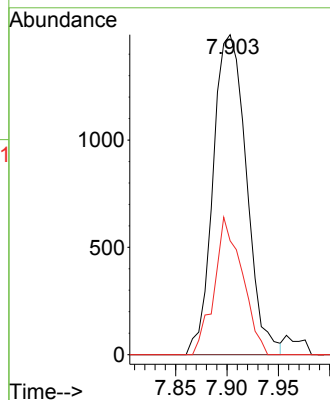
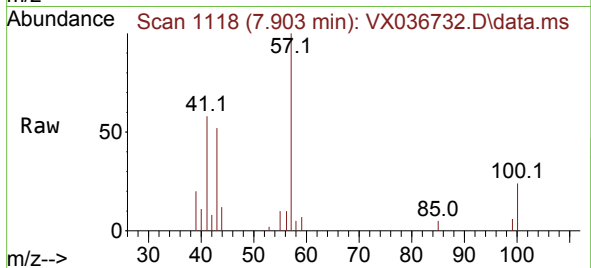
Tgt Ion: 41 Resp: 3359

Ion Ratio Lower Upper

41 100

69 0.0 59.2 88.8#

39 36.1 47.7 71.5#



#50

Toluene-d8

Concen: 49.252 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX036732.D

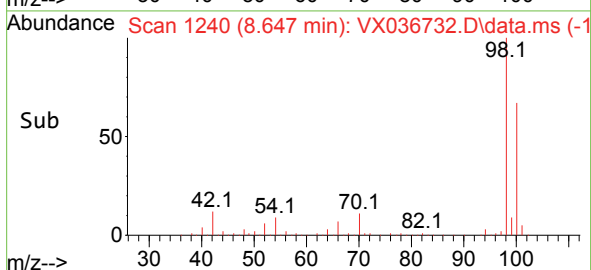
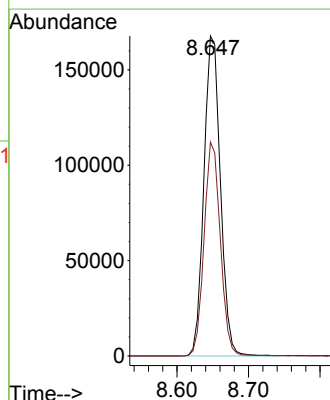
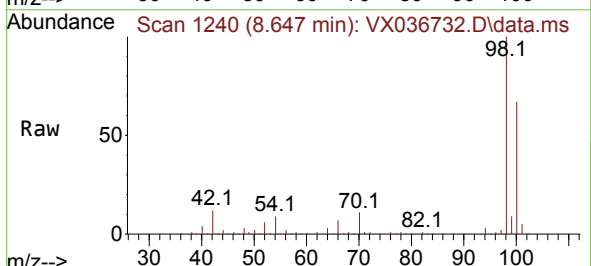
Acq: 31 Jul 2023 19:59

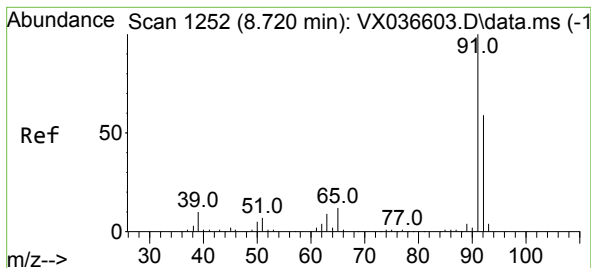
Tgt Ion: 98 Resp: 269378

Ion Ratio Lower Upper

98 100

100 65.8 53.1 79.7





#52

Toluene

Concen: 0.592 ug/l

RT: 8.720 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX036732.D

Acq: 31 Jul 2023 19:59

Instrument :

MSVOA_X

ClientSampleId :

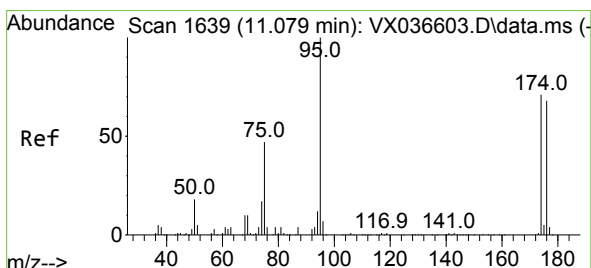
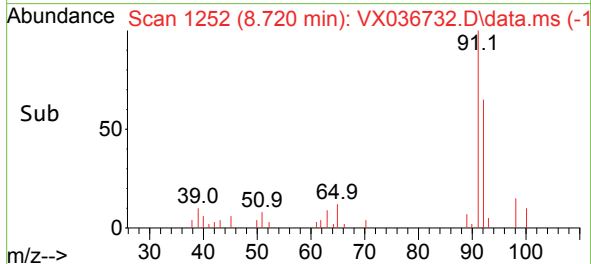
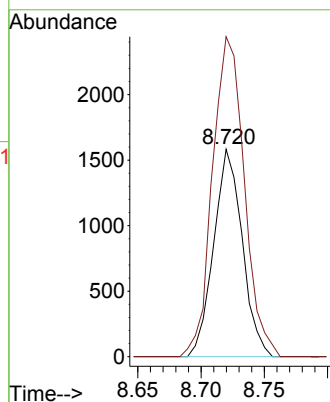
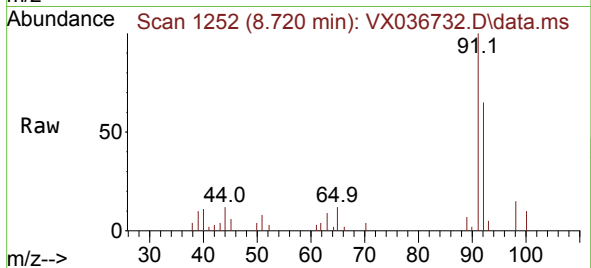
EB-01-073123

Tgt Ion: 92 Resp: 2482

Ion Ratio Lower Upper

92 100

91 171.9 134.2 201.2



#62

4-Bromofluorobenzene

Concen: 46.392 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX036732.D

Acq: 31 Jul 2023 19:59

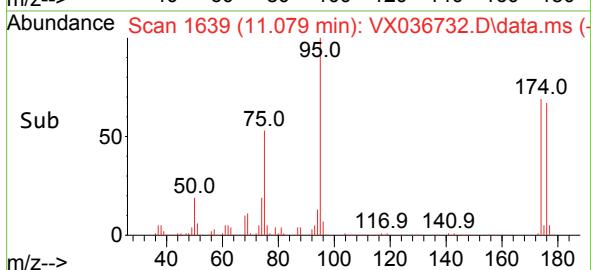
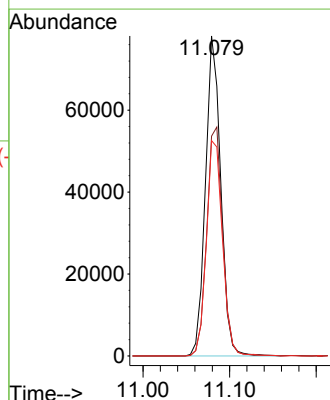
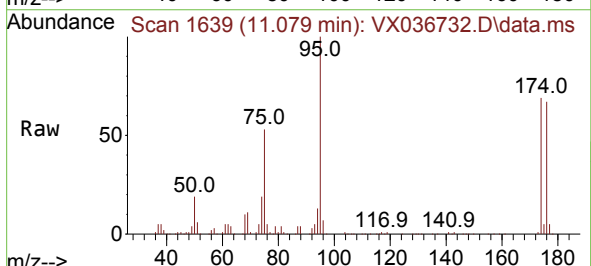
Tgt Ion: 95 Resp: 95732

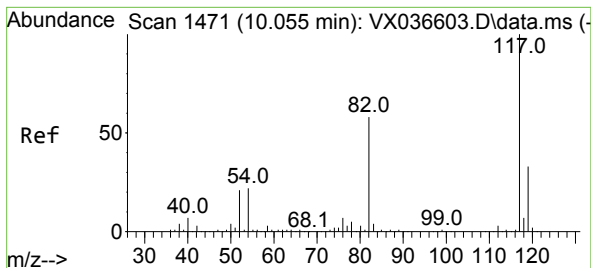
Ion Ratio Lower Upper

95 100

174 74.8 0.0 135.6

176 71.0 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: VX036732.D

Acq: 31 Jul 2023 19:59

Instrument :

MSVOA_X

ClientSampleId :

EB-01-073123

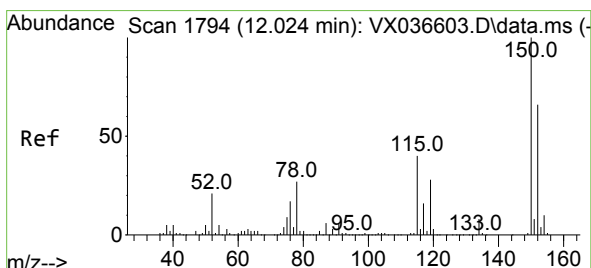
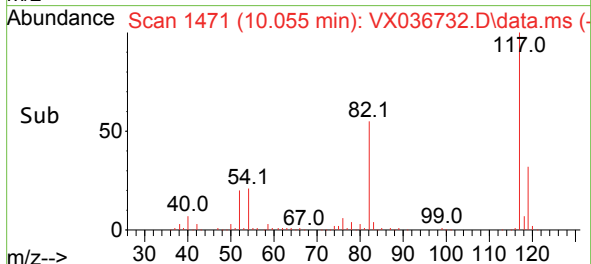
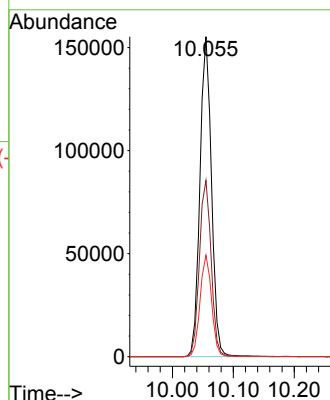
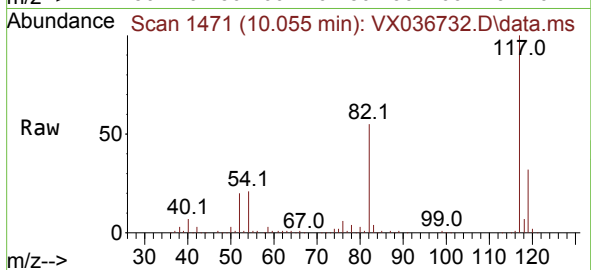
Tgt Ion:117 Resp: 204140

Ion Ratio Lower Upper

117 100

82 55.0 46.2 69.4

119 31.7 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: VX036732.D

Acq: 31 Jul 2023 19:59

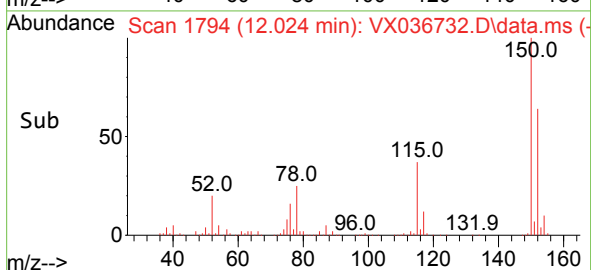
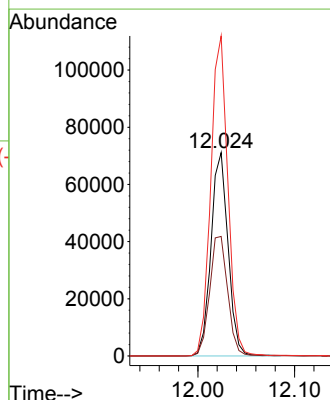
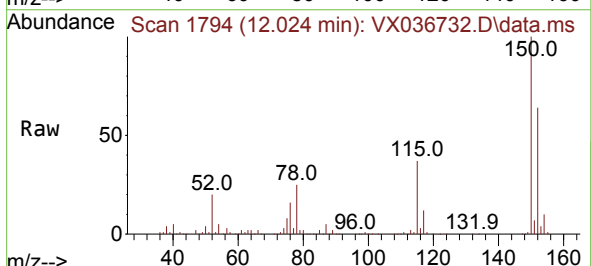
Tgt Ion:152 Resp: 87416

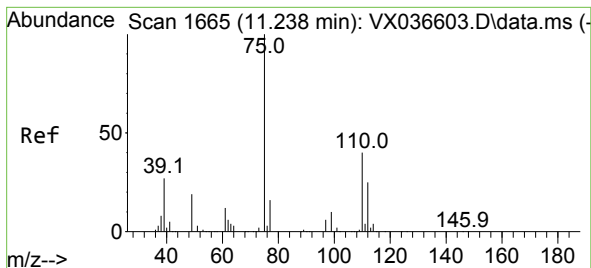
Ion Ratio Lower Upper

152 100

115 62.3 43.3 129.9

150 158.2 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 24.230 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX036732.D

Acq: 31 Jul 2023 19:59

Instrument :

MSVOA_X

ClientSampleId :

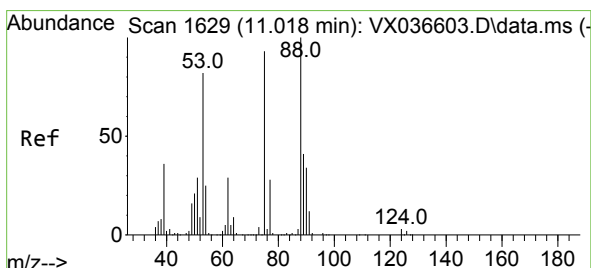
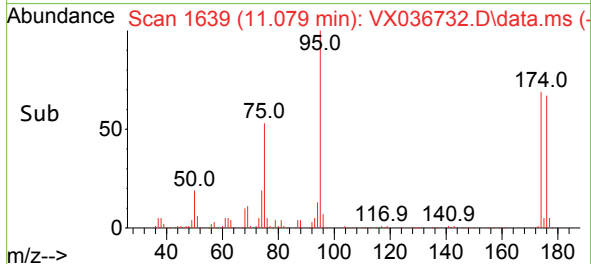
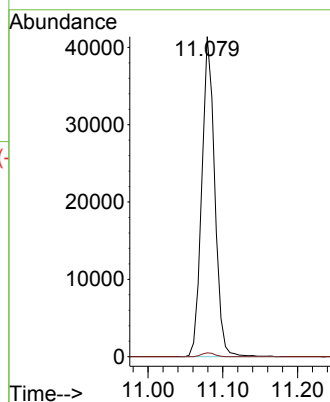
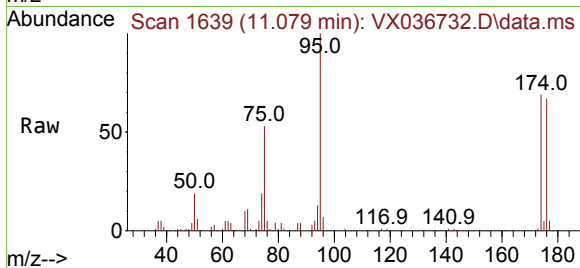
EB-01-073123

Tgt Ion: 75 Resp: 49820

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 54.919 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX036732.D

Acq: 31 Jul 2023 19:59

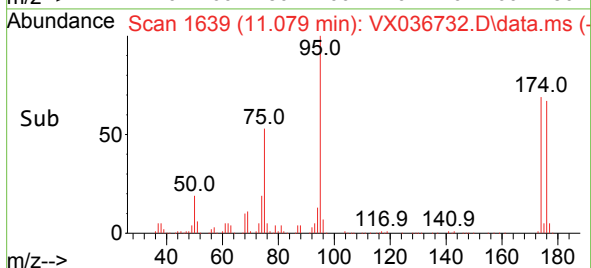
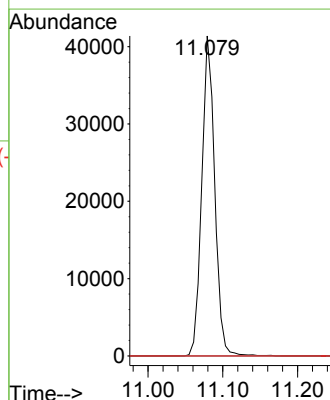
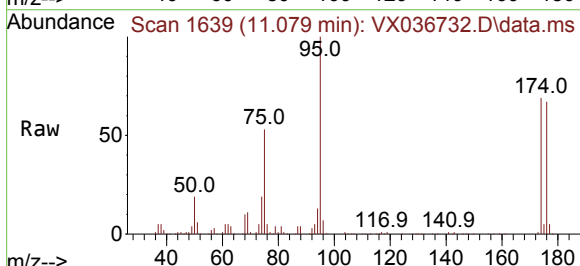
Tgt Ion: 75 Resp: 49820

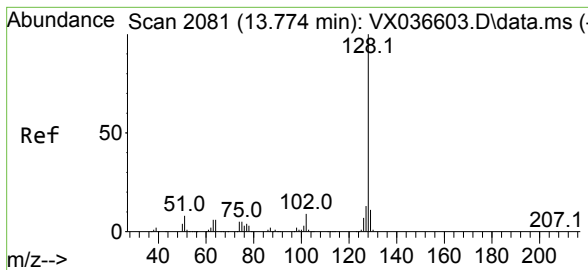
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

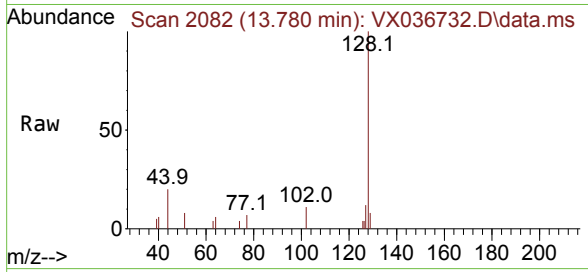
89 0.0 36.9 55.3#





#95
 Naphthalene
 Concen: 0.308 ug/l
 RT: 13.780 min Scan# 2082
 Delta R.T. 0.006 min
 Lab File: VX036732.D
 Acq: 31 Jul 2023 19:59

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-01-073123



Tgt Ion:	128	Resp:	1946
Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.3	15.5
129	9.9	8.8	13.2

