

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111823\
 Data File : VX038937.D
 Acq On : 18 Nov 2023 18:37
 Operator : JC/MD
 Sample : 05428-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB01-20231113

Quant Time: Nov 20 04:38:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

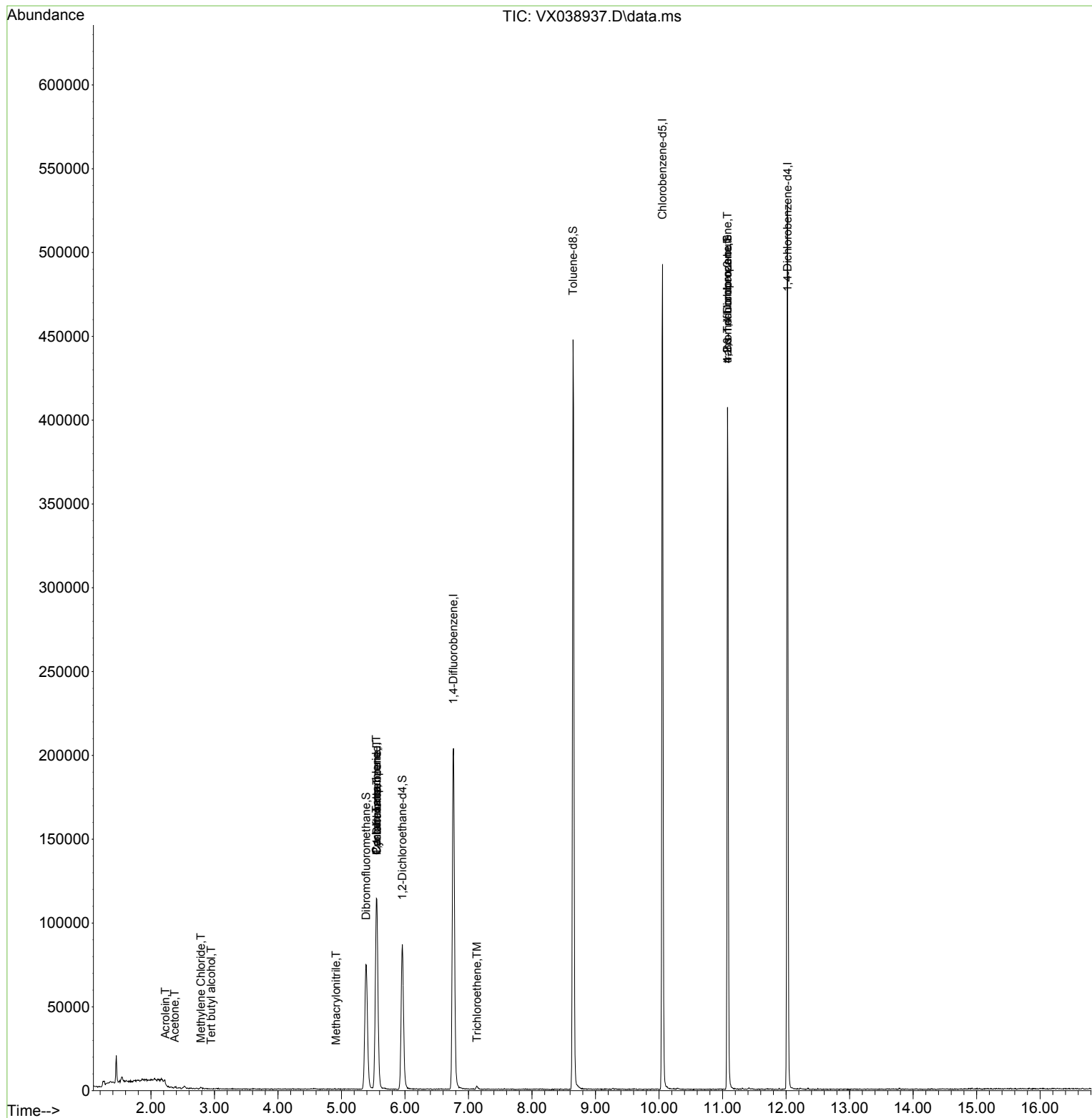
Internal Standards						
1) Pentafluorobenzene	5.556	168	103487	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	206355	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	216508	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107621	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81749	49.024	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.040%		
35) Dibromofluoromethane	5.385	113	67535	45.315	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.620%		
50) Toluene-d8	8.647	98	264513	46.388	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.780%		
62) 4-Bromofluorobenzene	11.079	95	114616	50.213	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.420%		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.946	59	107	0.231	ug/l #	78
13) Acrolein	2.227	56	209	0.852	ug/l #	14
16) Acetone	2.373	43	1036	1.167	ug/l #	81
20) Methylene Chloride	2.788	84	364	0.227	ug/l #	74
31) Cyclohexane	5.556	56	3059	1.285	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	9196	4.305	ug/l #	50
38) Carbon Tetrachloride	5.550	117	11632	5.892	ug/l #	15
41) Methacrylonitrile	4.915	41	353	0.245	ug/l #	28
44) Trichloroethene	7.135	130	671	0.436	ug/l	78
76) 1,2,3-Trichloropropane	11.079	75	60295	22.455	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	60295	49.808	ug/l #	5

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

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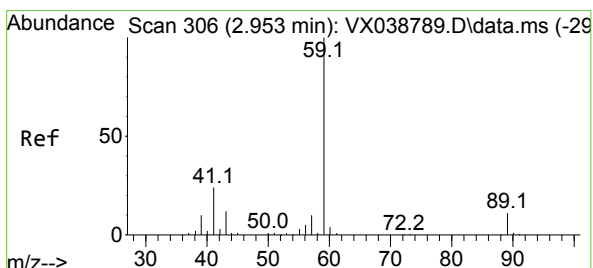
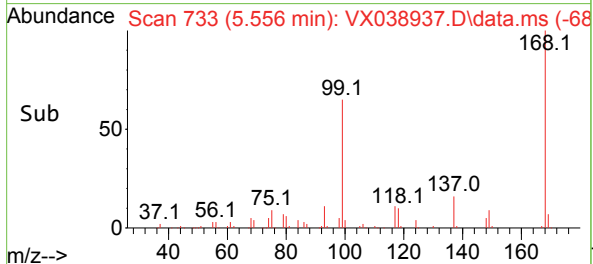
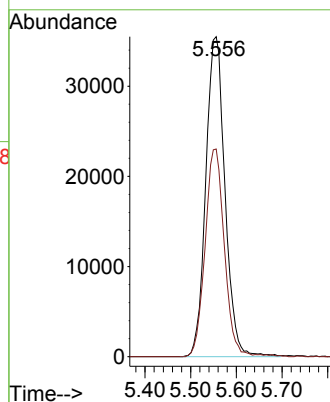
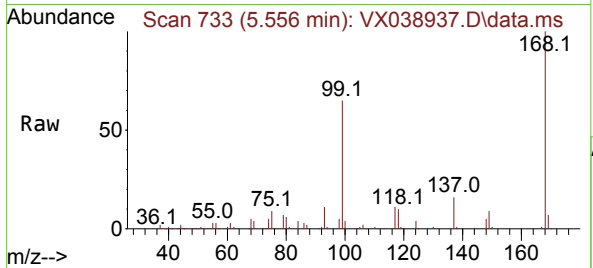




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX038937.D
Acq: 18 Nov 2023 18:37

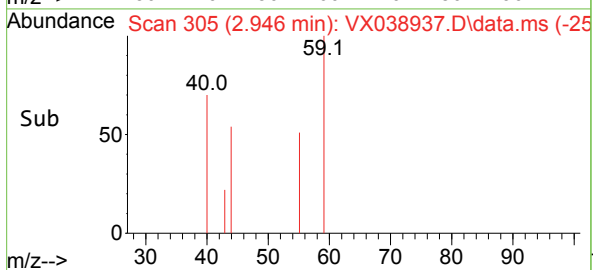
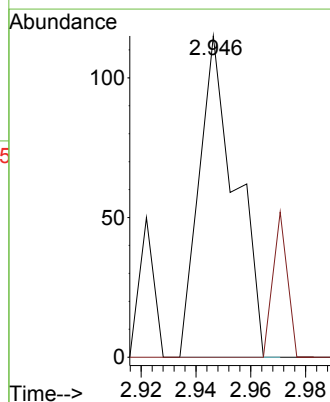
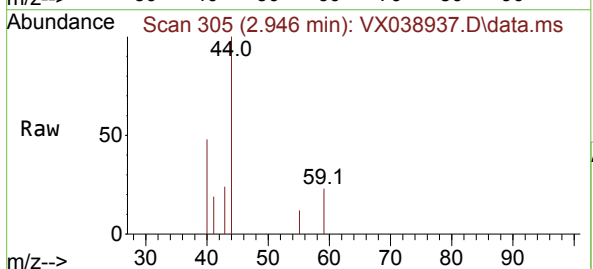
Instrument :
MSVOA_X
ClientSampleId :
EB01-20231113

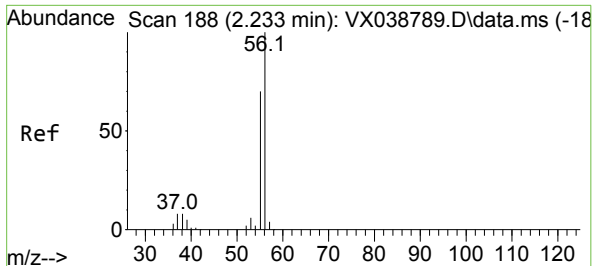
Tgt Ion:168 Resp: 103487
Ion Ratio Lower Upper
168 100
99 64.9 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.231 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.006 min
Lab File: VX038937.D
Acq: 18 Nov 2023 18:37

Tgt Ion: 59 Resp: 107
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

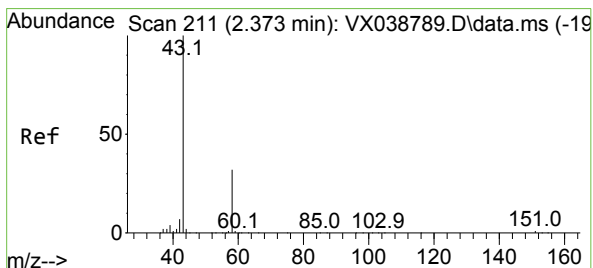
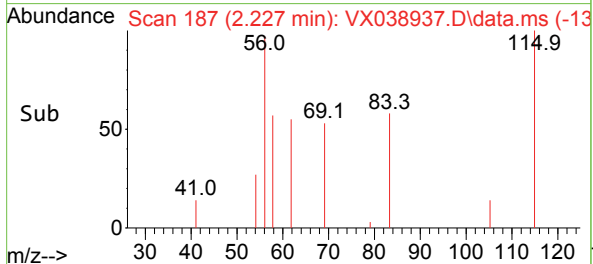
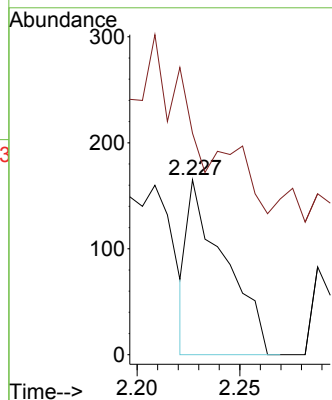
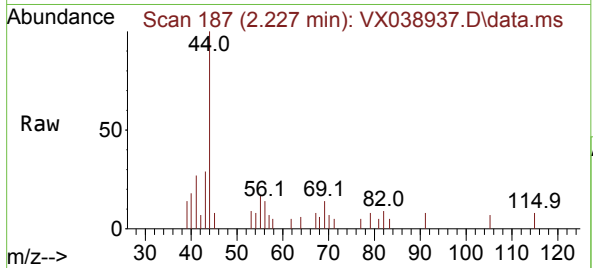




#13
Acrolein
Concen: 0.852 ug/l
RT: 2.227 min Scan# 187
Delta R.T. -0.006 min
Lab File: VX038937.D
Acq: 18 Nov 2023 18:37

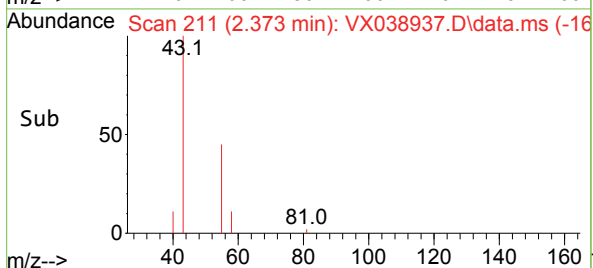
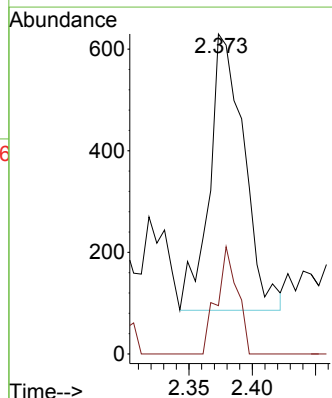
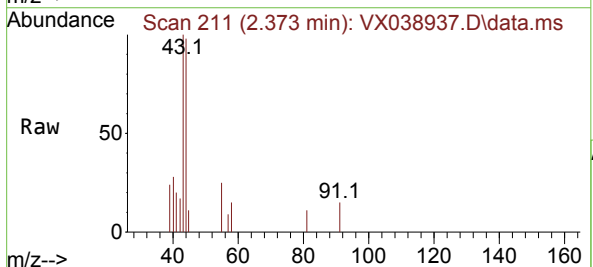
Instrument :
MSVOA_X
ClientSampleId :
EB01-20231113

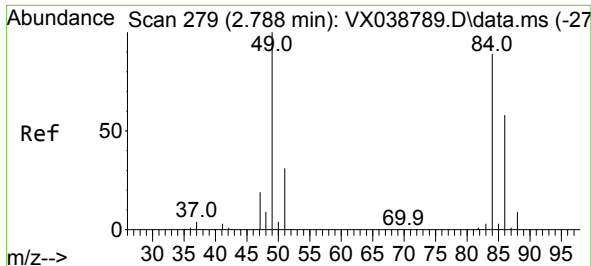
Tgt Ion: 56 Resp: 209
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#



#16
Acetone
Concen: 1.167 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX038937.D
Acq: 18 Nov 2023 18:37

Tgt Ion: 43 Resp: 1036
Ion Ratio Lower Upper
43 100
58 17.5 21.9 32.9#





#20

Methylene Chloride

Concen: 0.227 ug/l

RT: 2.788 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX038937.D

Acq: 18 Nov 2023 18:37

Instrument :

MSVOA_X

ClientSampleId :

EB01-20231113

Tgt Ion: 84 Resp: 364

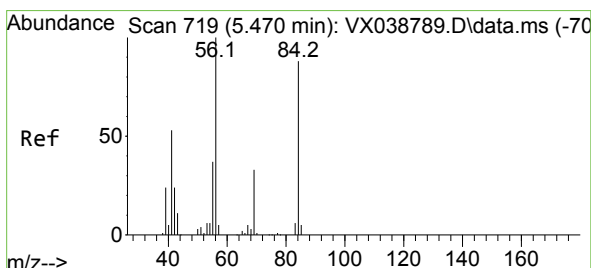
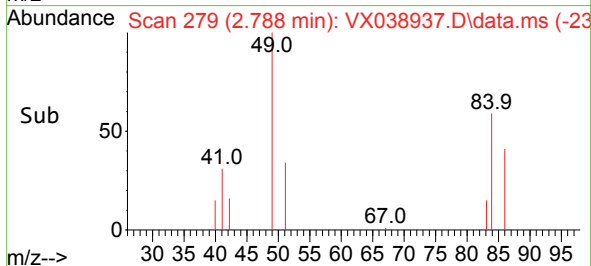
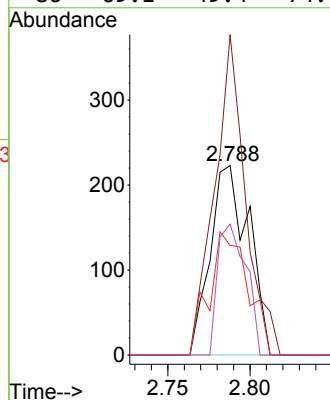
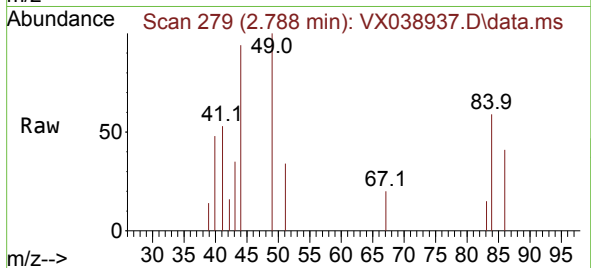
Ion Ratio Lower Upper

84 100

49 169.1 103.6 155.4#

51 57.8 33.8 50.6#

86 69.1 49.4 74.0



#31

Cyclohexane

Concen: 1.285 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX038937.D

Acq: 18 Nov 2023 18:37

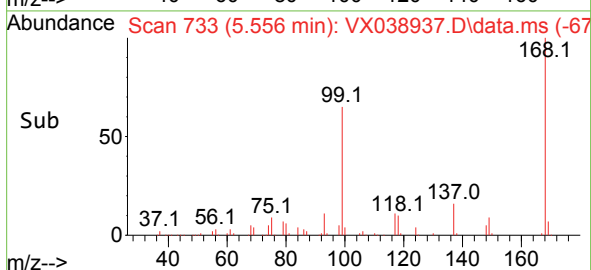
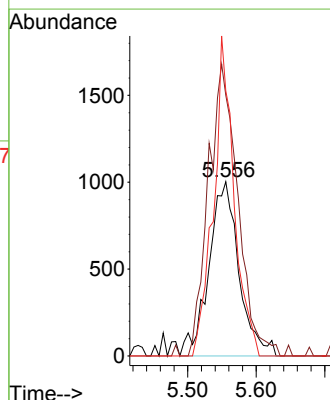
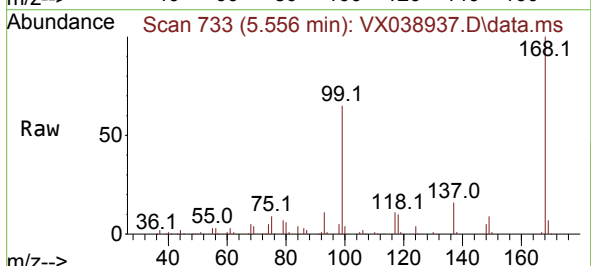
Tgt Ion: 56 Resp: 3059

Ion Ratio Lower Upper

56 100

69 149.6 23.4 35.2#

84 152.1 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 49.024 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX038937.D

Acq: 18 Nov 2023 18:37

Instrument :

MSVOA_X

ClientSampleId :

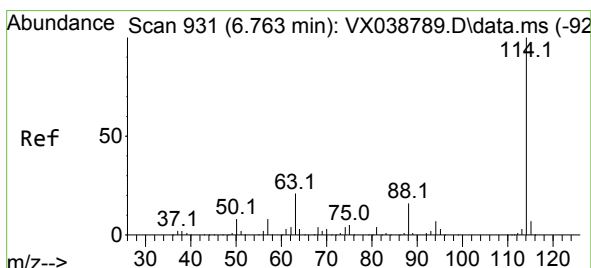
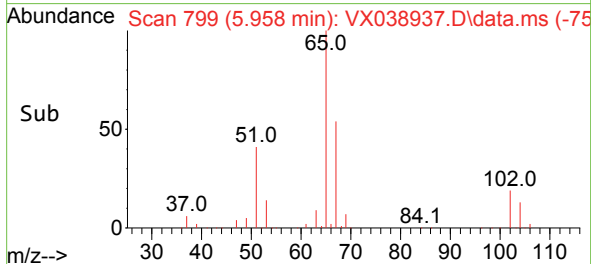
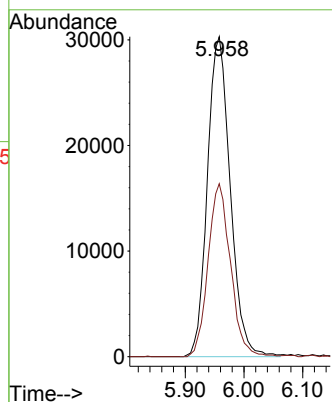
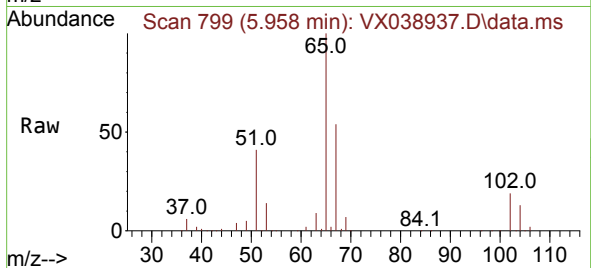
EB01-20231113

Tgt Ion: 65 Resp: 81749

Ion Ratio Lower Upper

65 100

67 53.1 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: VX038937.D

Acq: 18 Nov 2023 18:37

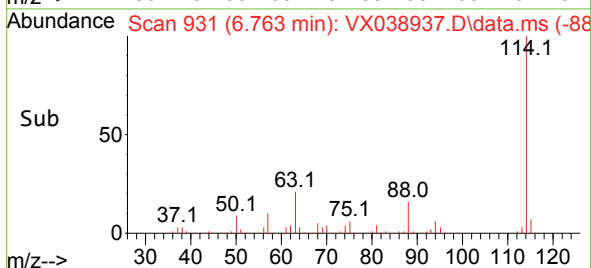
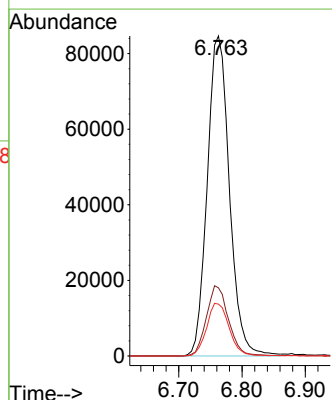
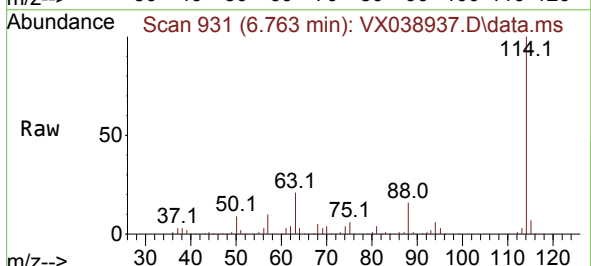
Tgt Ion: 114 Resp: 206355

Ion Ratio Lower Upper

114 100

63 21.3 0.0 45.0

88 16.2 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.315 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX038937.D

Acq: 18 Nov 2023 18:37

Instrument :

MSVOA_X

ClientSampleId :

EB01-20231113

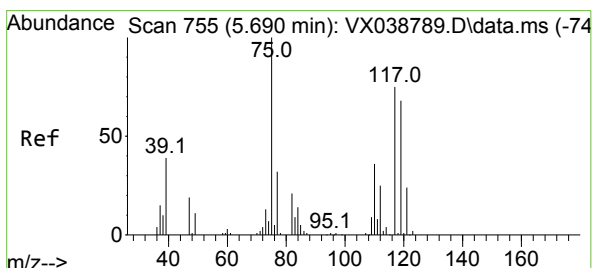
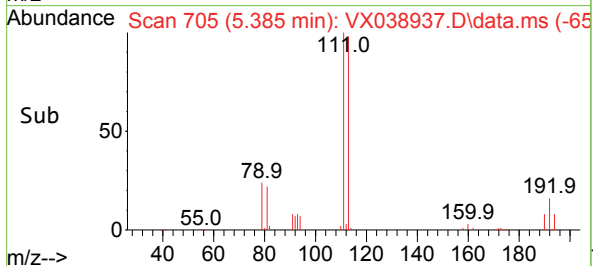
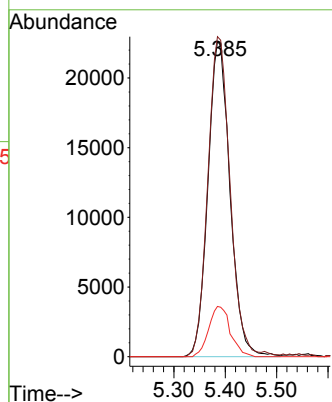
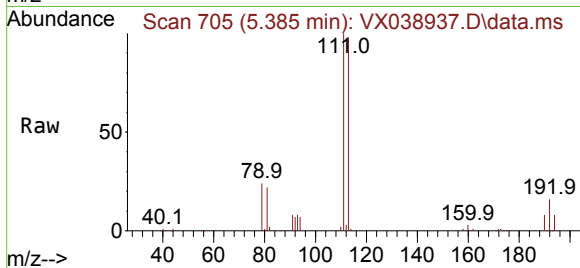
Tgt Ion:113 Resp: 67535

Ion Ratio Lower Upper

113 100

111 102.7 82.9 124.3

192 15.6 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.305 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.134 min

Lab File: VX038937.D

Acq: 18 Nov 2023 18:37

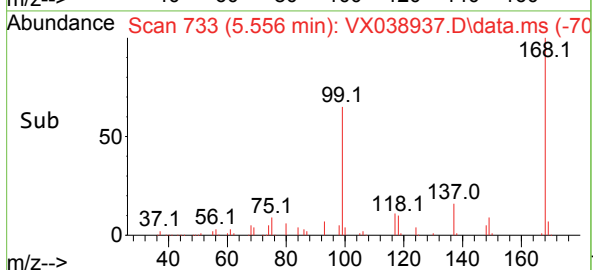
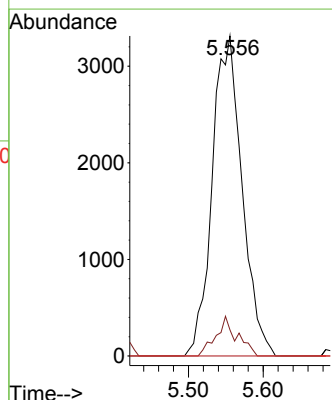
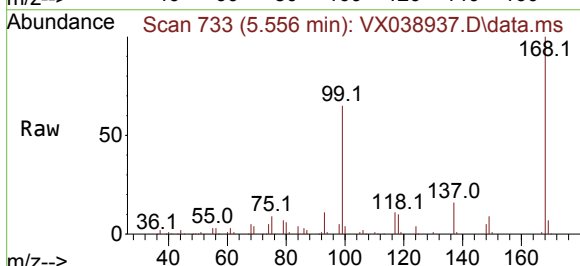
Tgt Ion: 75 Resp: 9196

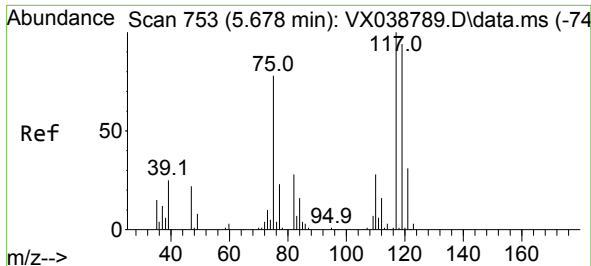
Ion Ratio Lower Upper

75 100

110 8.8 17.0 50.9#

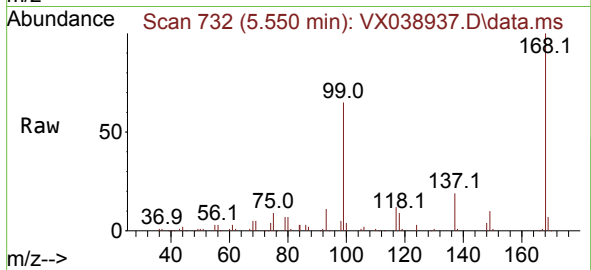
77 0.0 24.7 37.1#



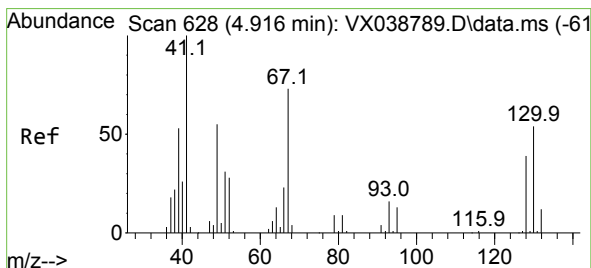
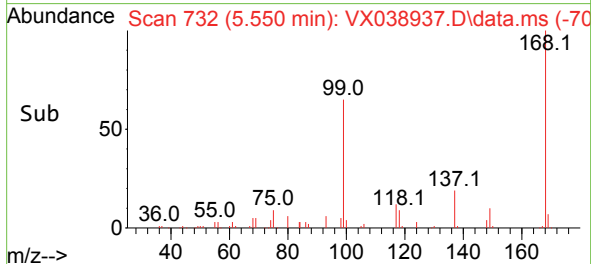
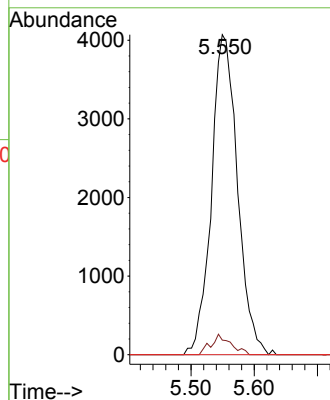


#38
Carbon Tetrachloride
Concen: 5.892 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX038937.D
Acq: 18 Nov 2023 18:37

Instrument :
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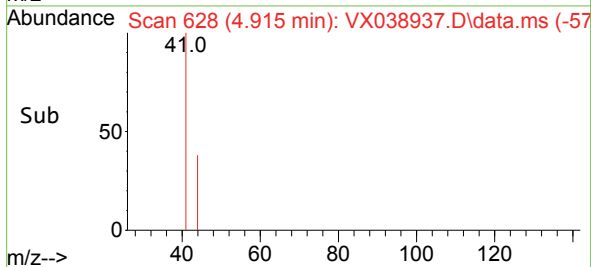
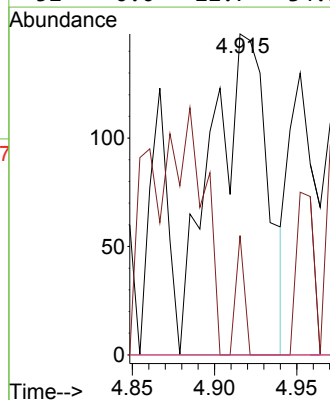
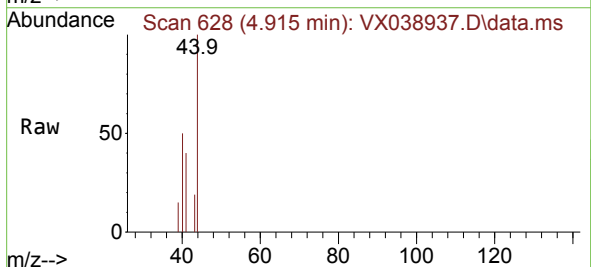


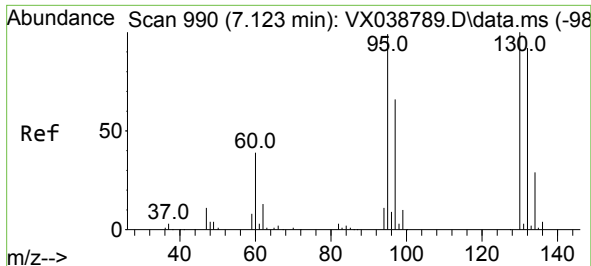
Tgt Ion:117 Resp: 11632
Ion Ratio Lower Upper
117 100
119 4.6 78.2 117.2#
121 0.0 24.4 36.6#



#41
Methacrylonitrile
Concen: 0.245 ug/l
RT: 4.915 min Scan# 628
Delta R.T. -0.000 min
Lab File: VX038937.D
Acq: 18 Nov 2023 18:37

Tgt Ion: 41 Resp: 353
Ion Ratio Lower Upper
41 100
39 5.7 45.2 67.8#
67 0.0 52.6 78.8#
52 0.0 22.7 34.1#

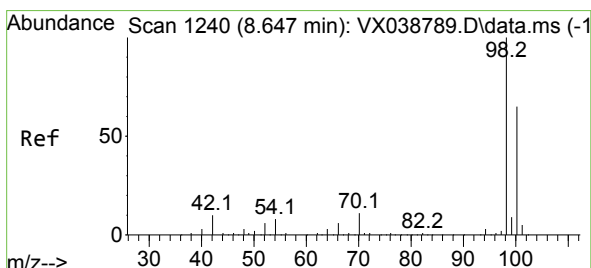
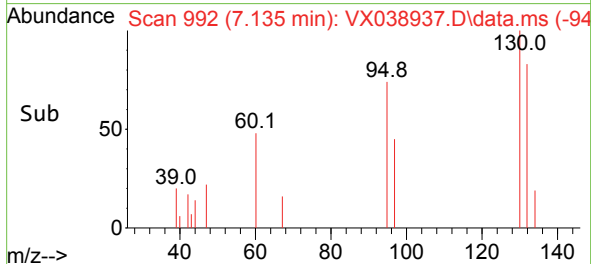
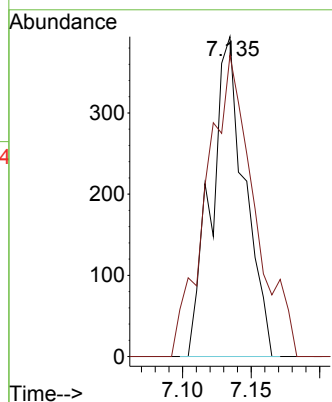
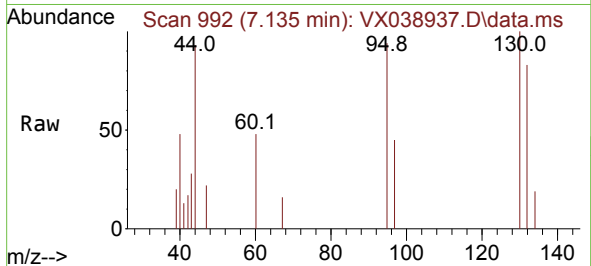




#44
Trichloroethene
Concen: 0.436 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.012 min
Lab File: VX038937.D
Acq: 18 Nov 2023 18:37

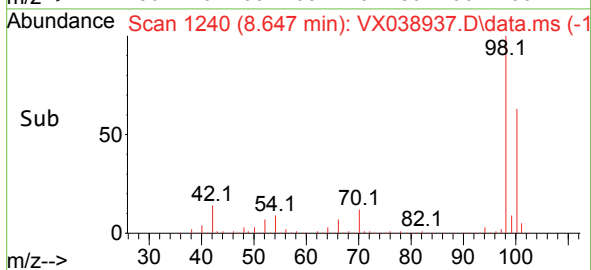
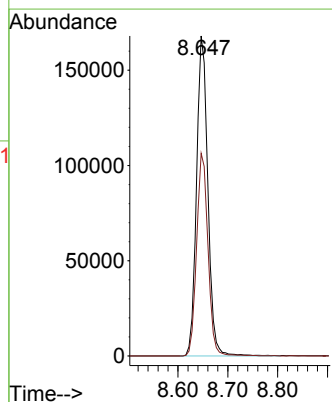
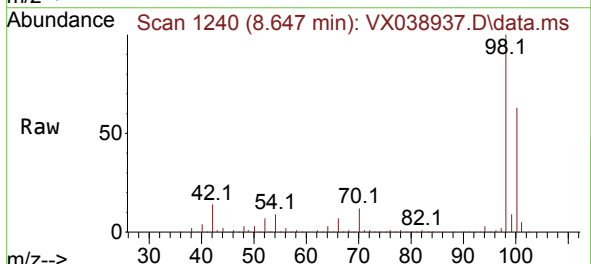
Instrument :
MSVOA_X
ClientSampleId :
EB01-20231113

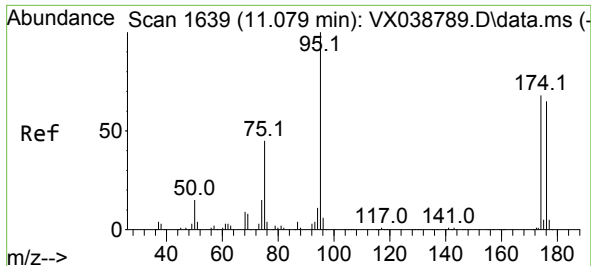
Tgt Ion:130 Resp: 671
Ion Ratio Lower Upper
130 100
95 79.4 0.0 204.4



#50
Toluene-d8
Concen: 46.388 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX038937.D
Acq: 18 Nov 2023 18:37

Tgt Ion: 98 Resp: 264513
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7

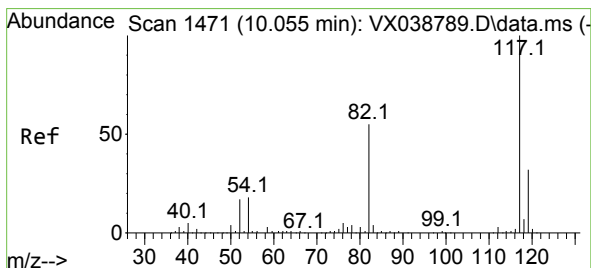
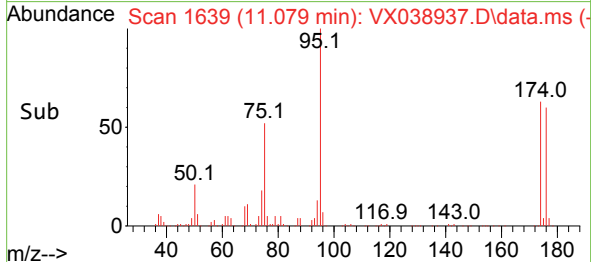
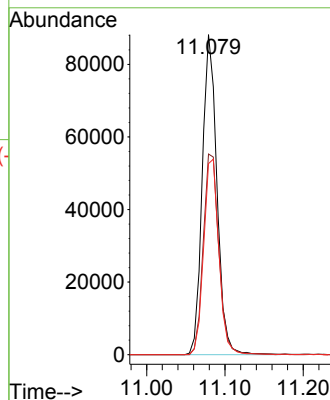
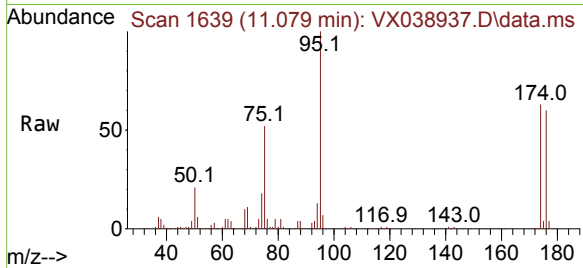




#62
4-Bromofluorobenzene
Concen: 50.213 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038937.D
Acq: 18 Nov 2023 18:37

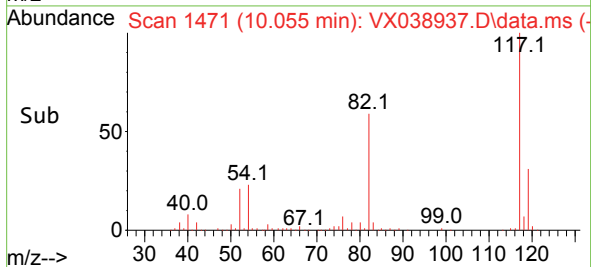
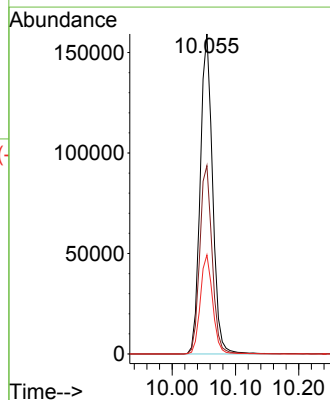
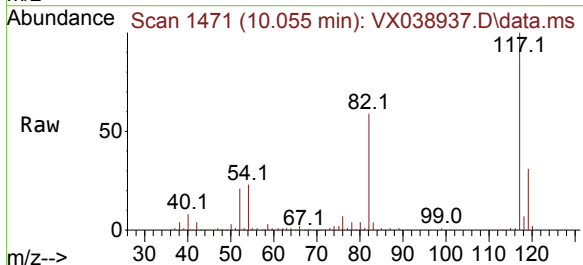
Instrument :
MSVOA_X
ClientSampleId :
EB01-20231113

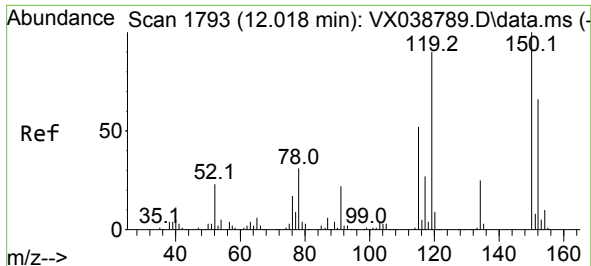
Tgt Ion: 95 Resp: 114616
Ion Ratio Lower Upper
95 100
174 66.8 0.0 135.6
176 63.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038937.D
Acq: 18 Nov 2023 18:37

Tgt Ion: 117 Resp: 216508
Ion Ratio Lower Upper
117 100
82 58.8 46.2 69.4
119 31.0 25.5 38.3

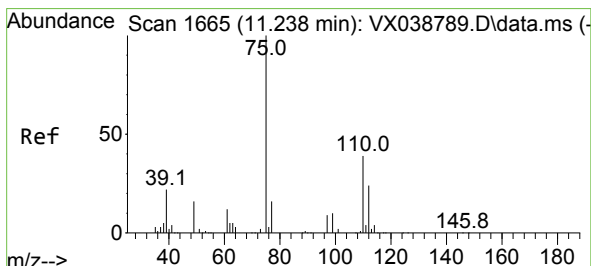
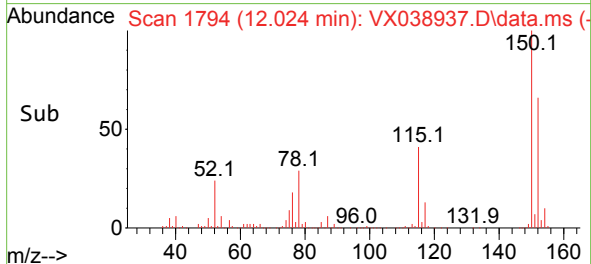
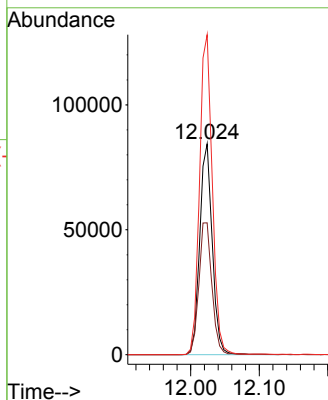
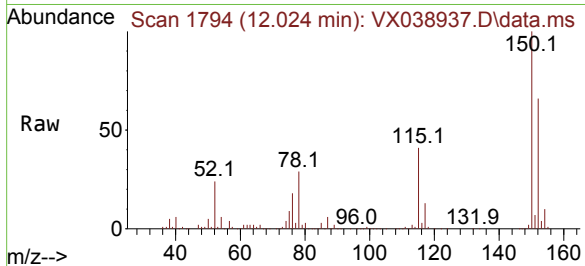




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX038937.D
 Acq: 18 Nov 2023 18:37

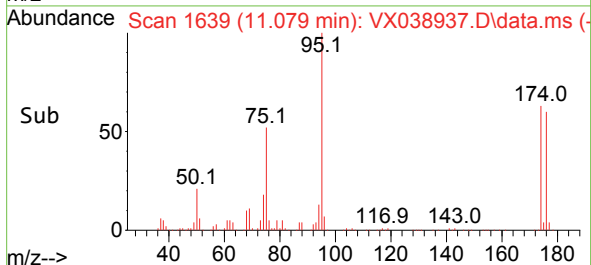
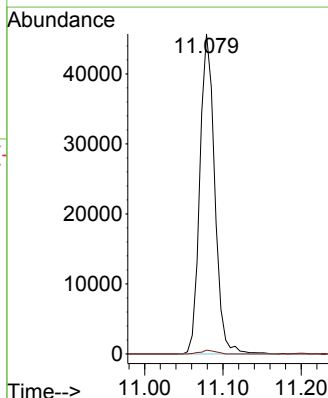
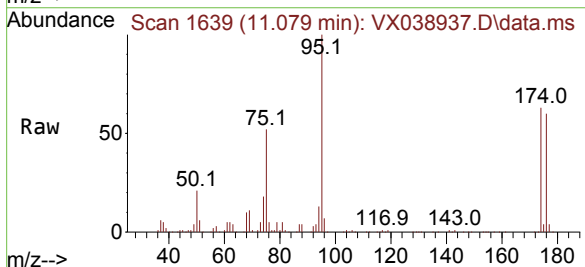
Instrument :
 MSVOA_X
 ClientSampleId :
 EB01-20231113

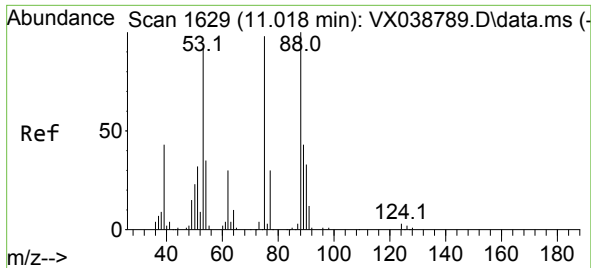
Tgt Ion:152 Resp: 107621
 Ion Ratio Lower Upper
 152 100
 115 65.4 43.3 129.9
 150 154.0 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 22.455 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX038937.D
 Acq: 18 Nov 2023 18:37

Tgt Ion: 75 Resp: 60295
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 49.808 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038937.D
 Acq: 18 Nov 2023 18:37

Instrument :
 MSVOA_X
 ClientSampleId :
 EB01-20231113

Tgt Ion: 75 Resp: 60295
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

