

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112123\
 Data File : VX038992.D
 Acq On : 21 Nov 2023 18:07
 Operator : JC/MD
 Sample : 05407-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 22 03:23:52 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)

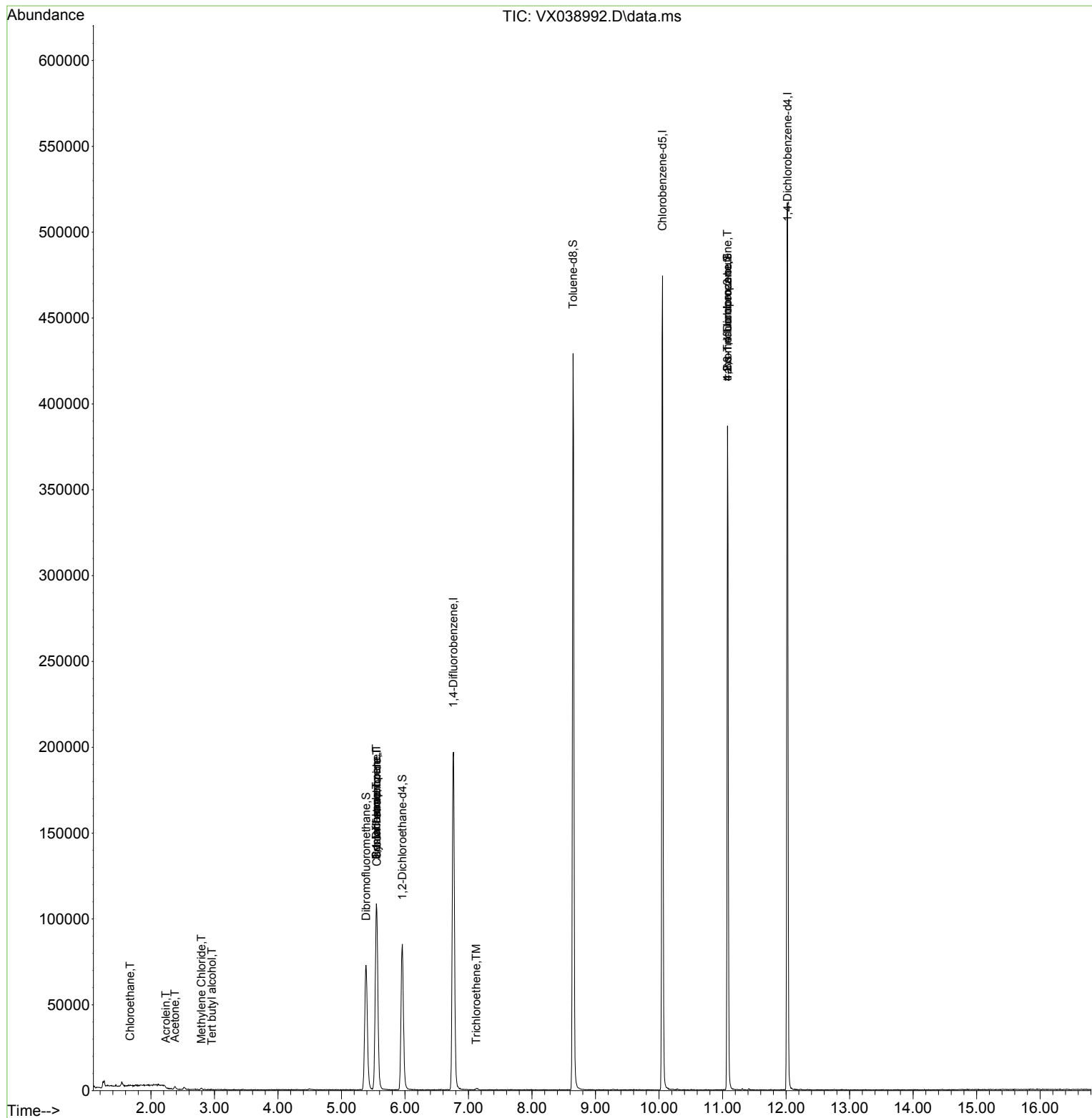
Internal Standards						
1) Pentafluorobenzene	5.550	168	96861	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	200161	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	206695	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99750	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82668	52.966	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.940%
35) Dibromofluoromethane	5.385	113	64673	44.737	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.480%
50) Toluene-d8	8.647	98	253996	45.922	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.840%#
62) 4-Bromofluorobenzene	11.079	95	105906	47.833	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.660%
Target Compounds						
					Qvalue	
6) Chloroethane	1.672	64	166	0.205	ug/l #	43
11) Tert butyl alcohol	2.959	59	93	0.214	ug/l #	78
13) Acrolein	2.233	56	62	0.270	ug/l #	1
16) Acetone	2.380	43	2055	2.473	ug/l	95
20) Methylene Chloride	2.794	84	367	0.245	ug/l #	81
31) Cyclohexane	5.550	56	2689	1.207	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	9179	4.430	ug/l #	49
38) Carbon Tetrachloride	5.556	117	10998	5.743	ug/l #	15
44) Trichloroethene	7.123	130	471	0.316	ug/l	73
76) 1,2,3-Trichloropropane	11.079	75	57702	23.185	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	57702	51.427	ug/l #	5

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

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MSVOA_X
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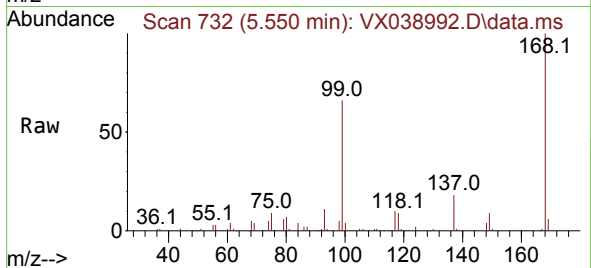
Quant Time: Nov 22 03:23:52 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 16 22:59:22 2023
Response via : Initial Calibration



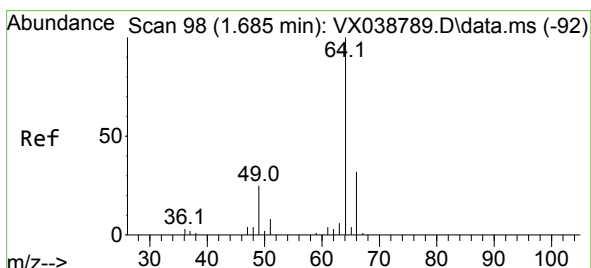
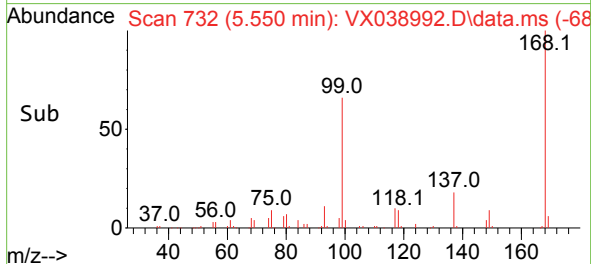
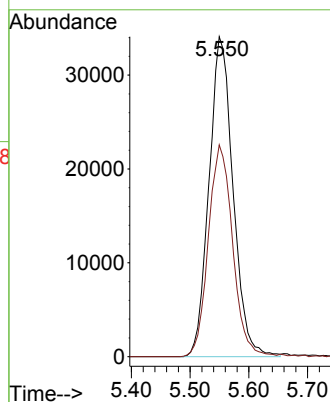


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038992.D
Acq: 21 Nov 2023 18:07

Instrument :
MSVOA_X
ClientSampleId :

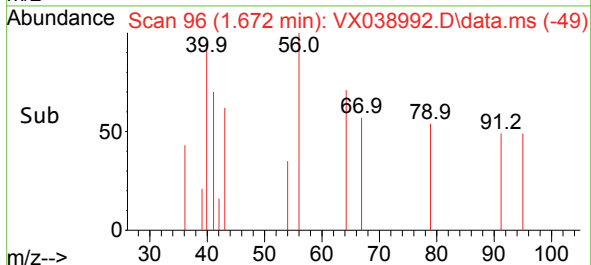
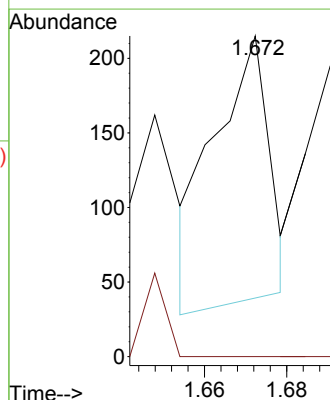
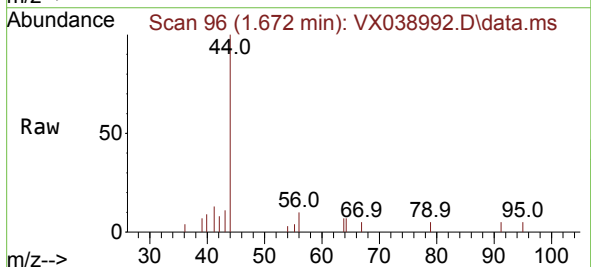


Tgt Ion:168 Resp: 96861
Ion Ratio Lower Upper
168 100
99 66.2 56.6 85.0



#6
Chloroethane
Concen: 0.205 ug/l
RT: 1.672 min Scan# 96
Delta R.T. -0.013 min
Lab File: VX038992.D
Acq: 21 Nov 2023 18:07

Tgt Ion: 64 Resp: 166
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#





#11

Tert butyl alcohol

Concen: 0.214 ug/l

RT: 2.959 min Scan# 306

Delta R.T. 0.006 min

Lab File: VX038992.D

Acq: 21 Nov 2023 18:07

Instrument :

MSVOA_X

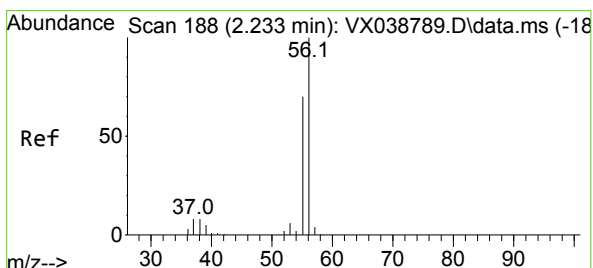
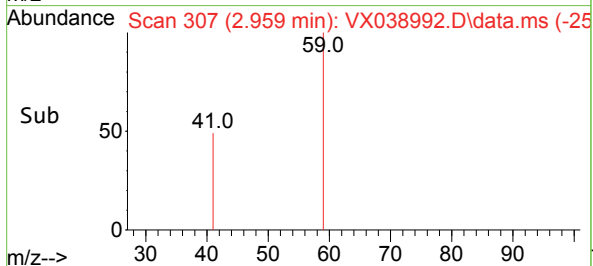
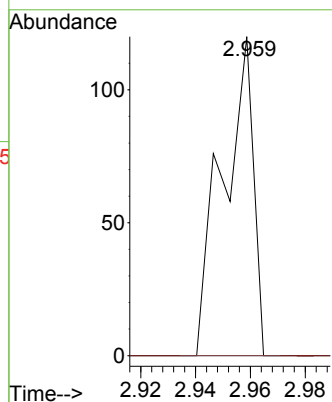
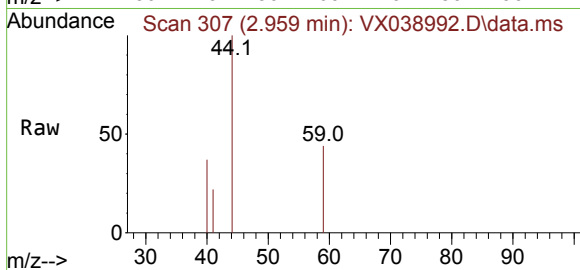
ClientSampleId :

Tgt Ion: 59 Resp: 93

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#13

Acrolein

Concen: 0.270 ug/l

RT: 2.233 min Scan# 188

Delta R.T. -0.000 min

Lab File: VX038992.D

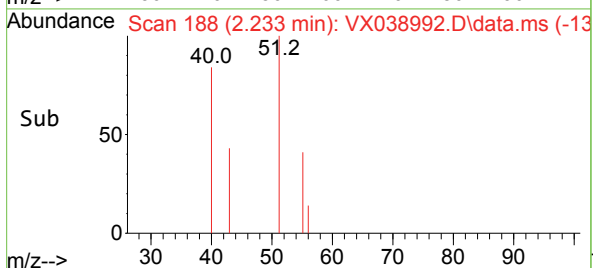
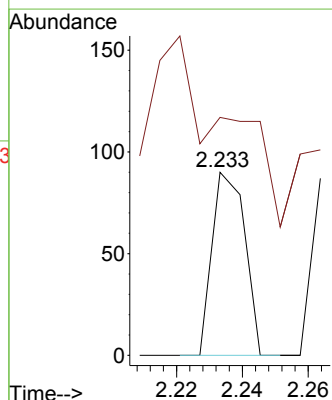
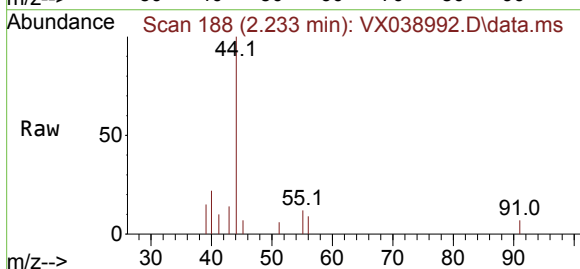
Acq: 21 Nov 2023 18:07

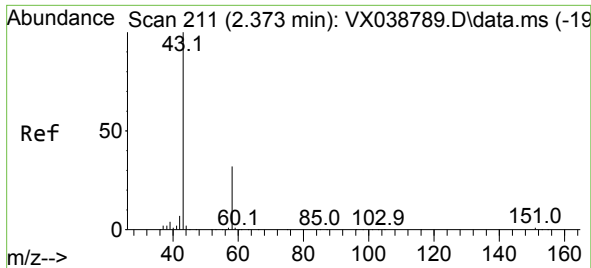
Tgt Ion: 56 Resp: 62

Ion Ratio Lower Upper

56 100

55 600.0 57.1 85.7#





#16

Acetone

Concen: 2.473 ug/l

RT: 2.380 min Scan# 21

Delta R.T. 0.006 min

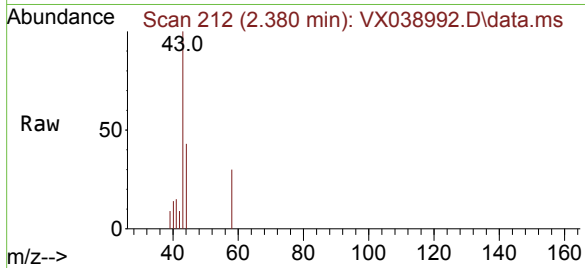
Lab File: VX038992.D

Acq: 21 Nov 2023 18:07

Instrument :

MSVOA_X

ClientSampleId :

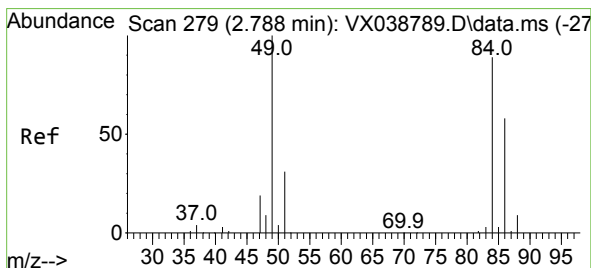
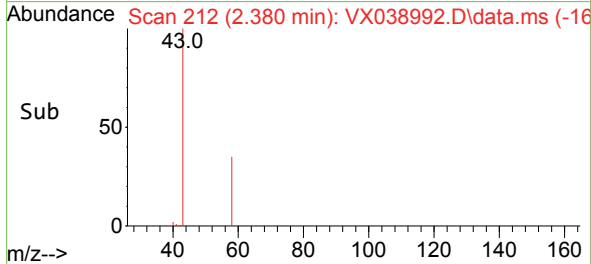
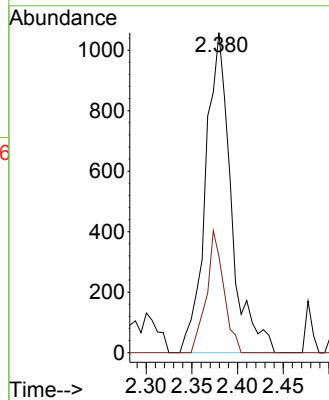


Tgt Ion: 43 Resp: 2055

Ion Ratio Lower Upper

43 100

58 30.2 21.9 32.9



#20

Methylene Chloride

Concen: 0.245 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX038992.D

Acq: 21 Nov 2023 18:07

Tgt Ion: 84 Resp: 367

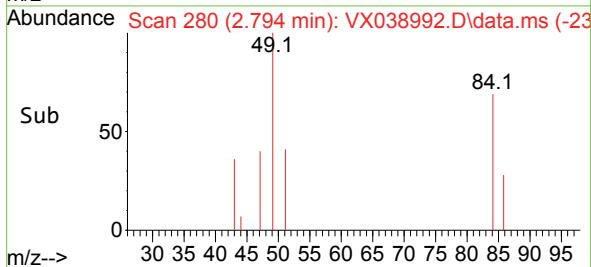
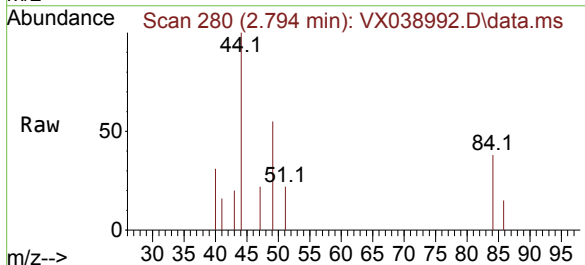
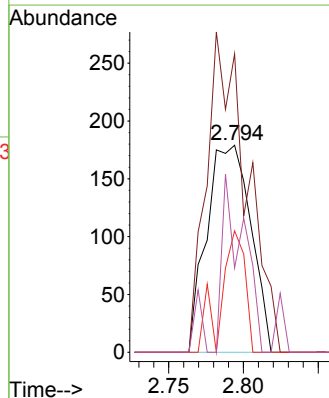
Ion Ratio Lower Upper

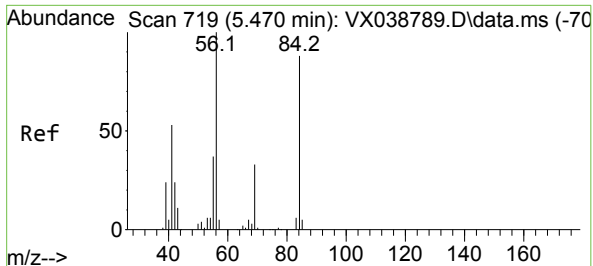
84 100

49 144.1 103.6 155.4

51 58.7 33.8 50.6#

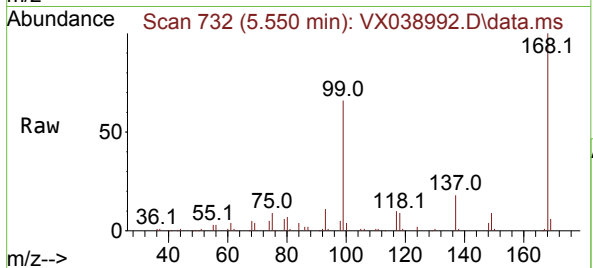
86 40.8 49.4 74.0#



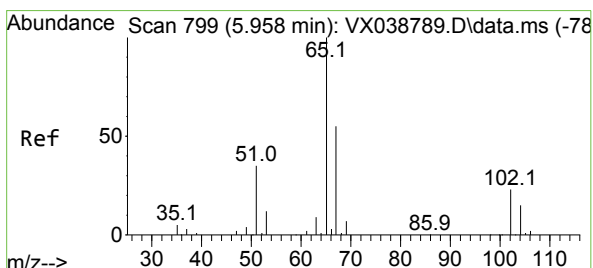
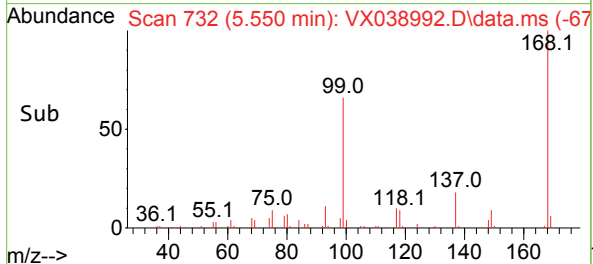
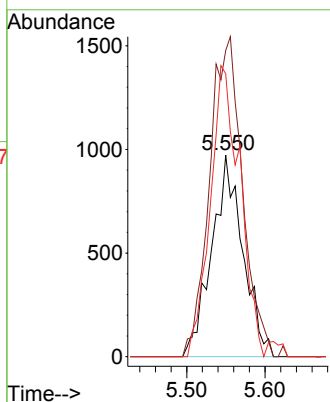


#31
Cyclohexane
Concen: 1.207 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX038992.D
Acq: 21 Nov 2023 18:07

Instrument :
MSVOA_X
ClientSampleId :

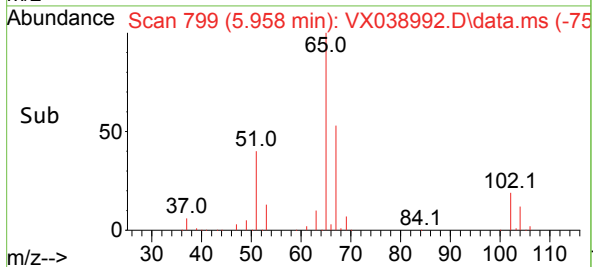
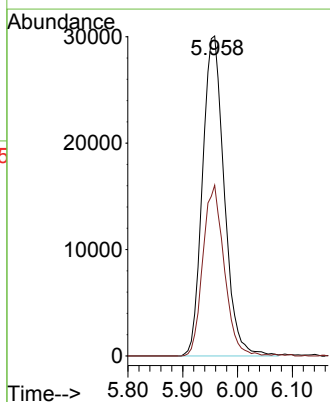
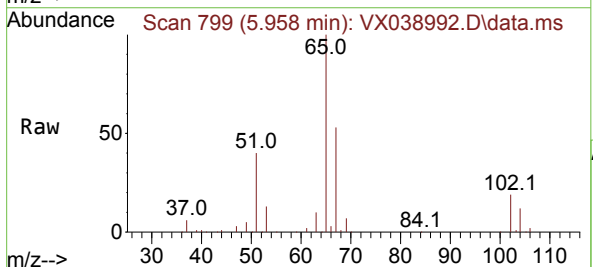


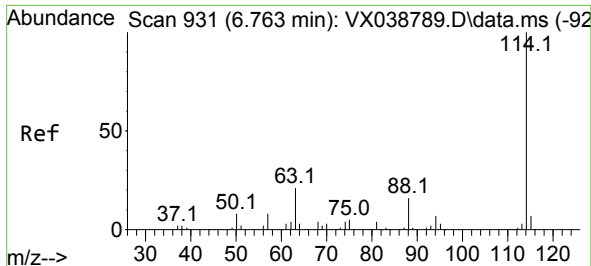
Tgt Ion: 56 Resp: 2689
Ion Ratio Lower Upper
56 100
69 151.9 23.4 35.2#
84 140.3 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 52.966 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX038992.D
Acq: 21 Nov 2023 18:07

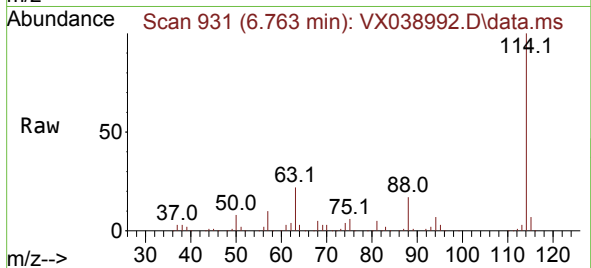
Tgt Ion: 65 Resp: 82668
Ion Ratio Lower Upper
65 100
67 52.3 0.0 100.2



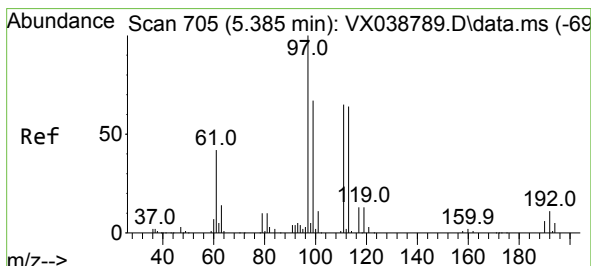
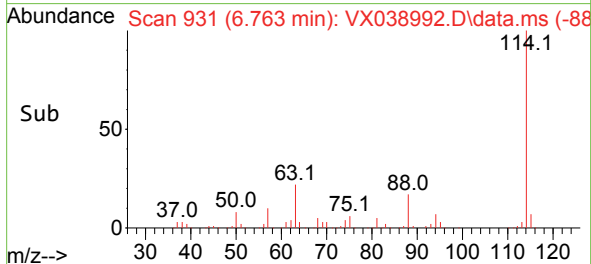
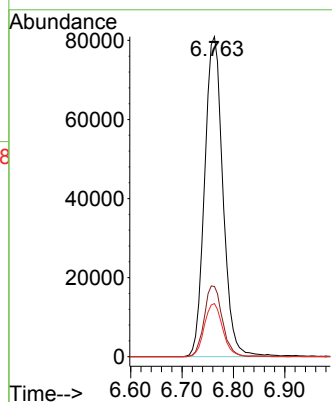


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX038992.D
Acq: 21 Nov 2023 18:07

Instrument :
MSVOA_X
ClientSampleId :

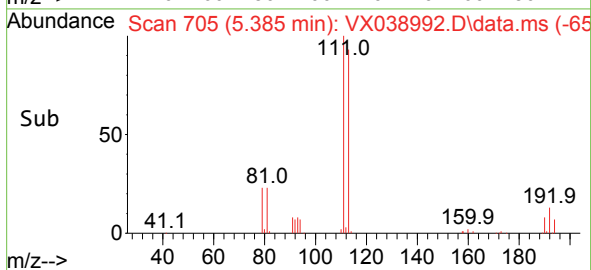
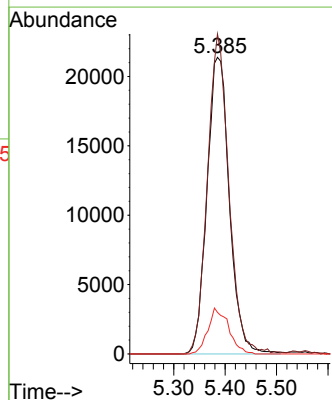
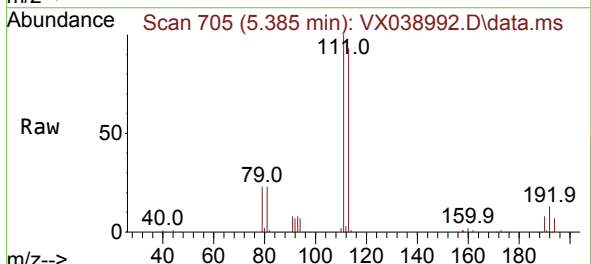


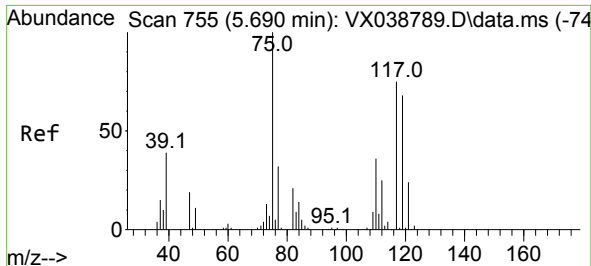
Tgt Ion:114 Resp: 200161
Ion Ratio Lower Upper
114 100
63 22.0 0.0 45.0
88 16.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.737 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX038992.D
Acq: 21 Nov 2023 18:07

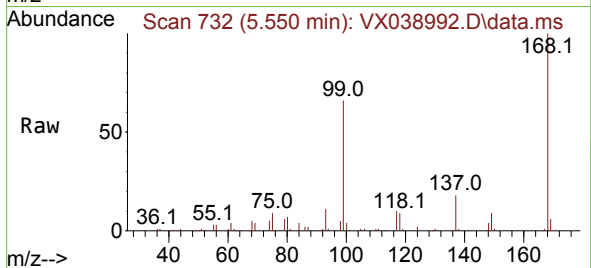
Tgt Ion:113 Resp: 64673
Ion Ratio Lower Upper
113 100
111 103.3 82.9 124.3
192 14.4 13.3 19.9



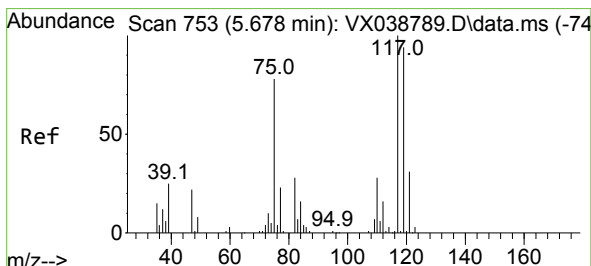
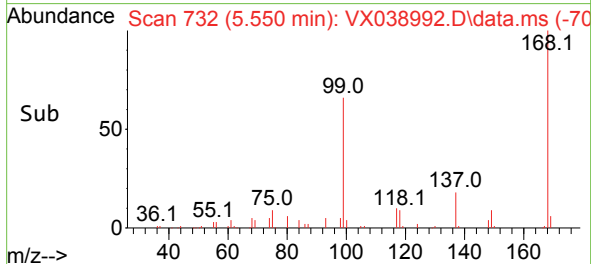
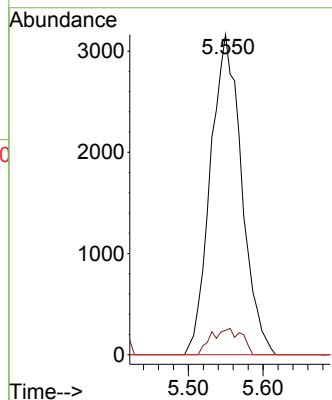


#36
 1,1-Dichloropropene
 Concen: 4.430 ug/l
 RT: 5.550 min Scan# 71
 Delta R.T. -0.140 min
 Lab File: VX038992.D
 Acq: 21 Nov 2023 18:07

Instrument :
 MSVOA_X
 ClientSampleId :

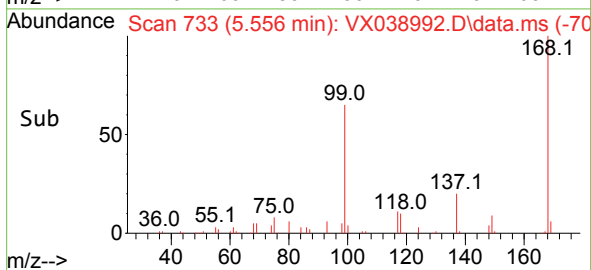
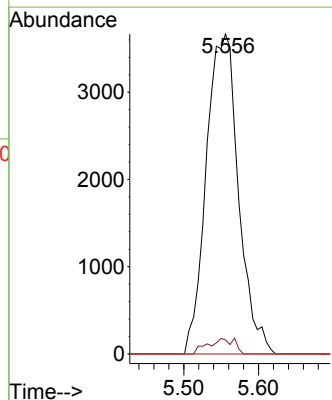
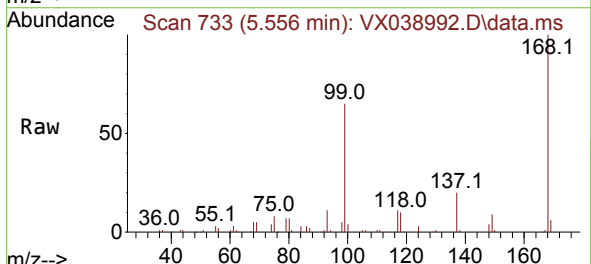


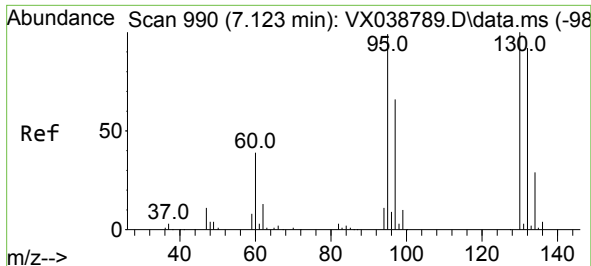
Tgt Ion: 75 Resp: 9179
 Ion Ratio Lower Upper
 75 100
 110 8.0 17.0 50.9#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 5.743 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. -0.122 min
 Lab File: VX038992.D
 Acq: 21 Nov 2023 18:07

Tgt Ion: 117 Resp: 10998
 Ion Ratio Lower Upper
 117 100
 119 4.4 78.2 117.2#
 121 0.0 24.4 36.6#

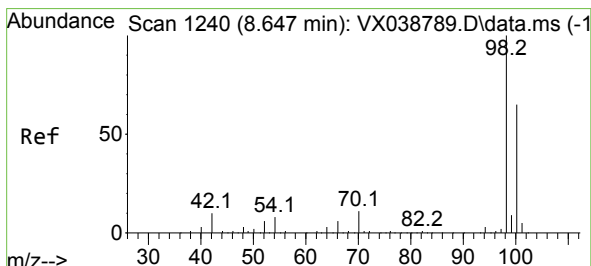
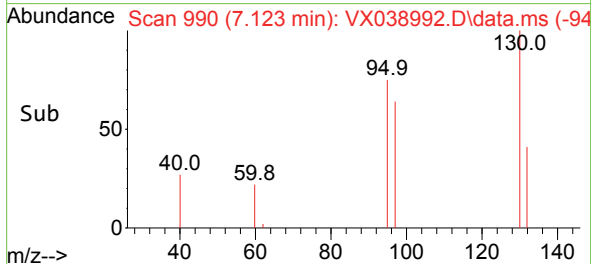
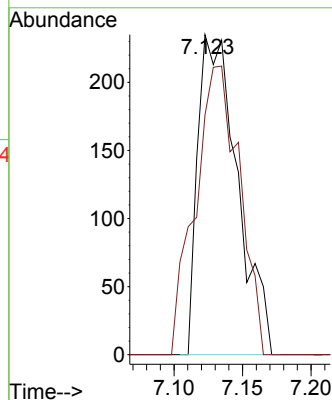
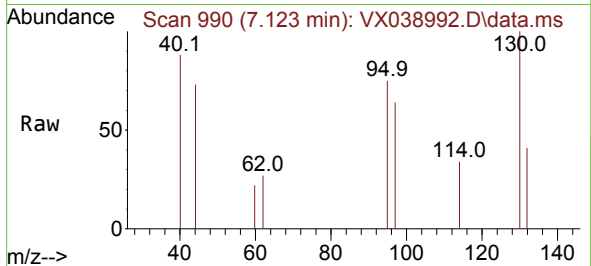




#44
Trichloroethene
Concen: 0.316 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX038992.D
Acq: 21 Nov 2023 18:07

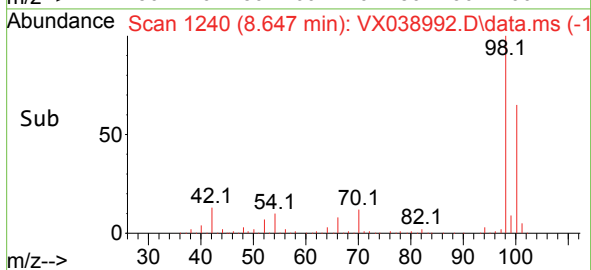
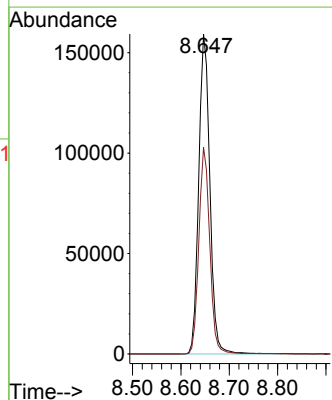
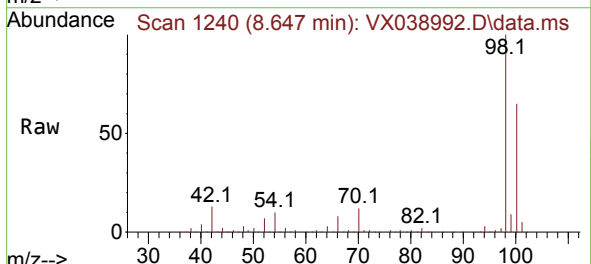
Instrument :
MSVOA_X
ClientSampleId :

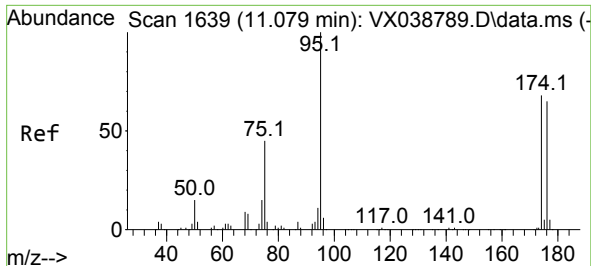
Tgt Ion:130 Resp: 471
Ion Ratio Lower Upper
130 100
95 74.9 0.0 204.4



#50
Toluene-d8
Concen: 45.922 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX038992.D
Acq: 21 Nov 2023 18:07

Tgt Ion: 98 Resp: 253996
Ion Ratio Lower Upper
98 100
100 63.4 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 47.833 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX038992.D

Acq: 21 Nov 2023 18:07

Instrument :

MSVOA_X

ClientSampleId :

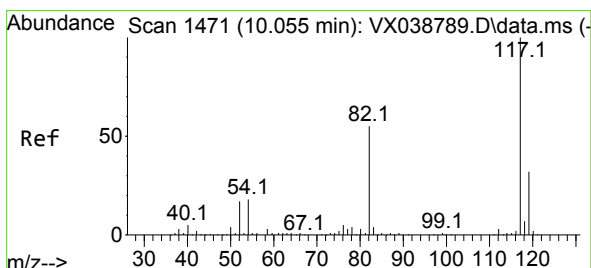
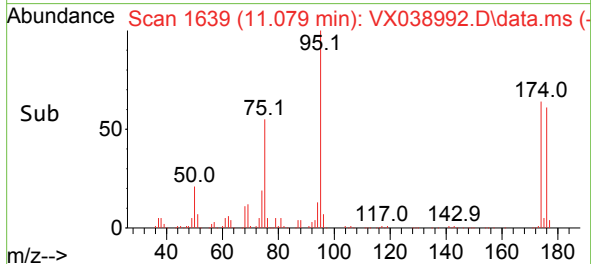
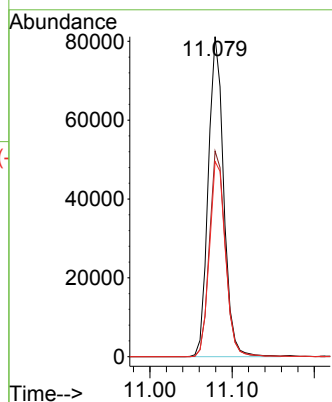
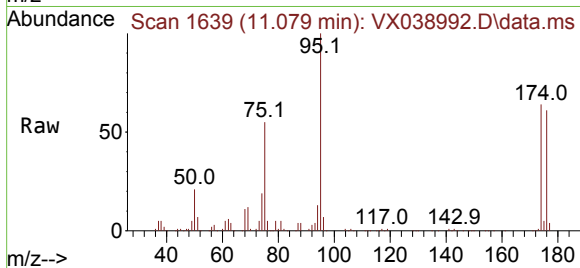
Tgt Ion: 95 Resp: 105906

Ion Ratio Lower Upper

95 100

174 66.1 0.0 135.6

176 63.7 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: VX038992.D

Acq: 21 Nov 2023 18:07

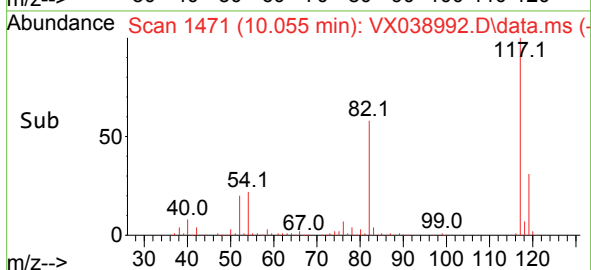
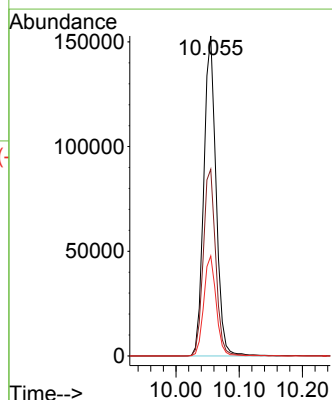
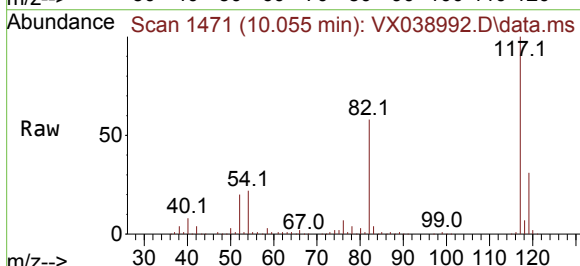
Tgt Ion: 117 Resp: 206695

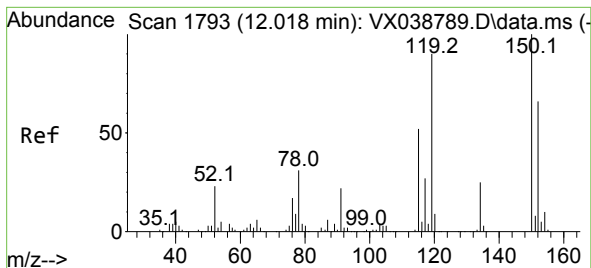
Ion Ratio Lower Upper

117 100

82 58.4 46.2 69.4

119 31.2 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX038992.D

Acq: 21 Nov 2023 18:07

Instrument :

MSVOA_X

ClientSampleId :

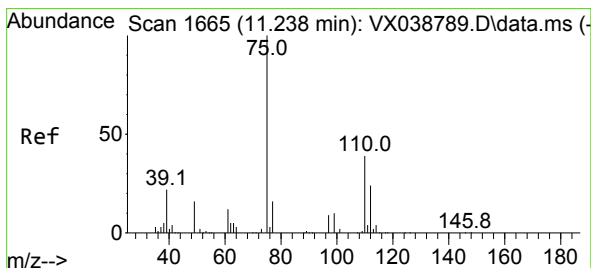
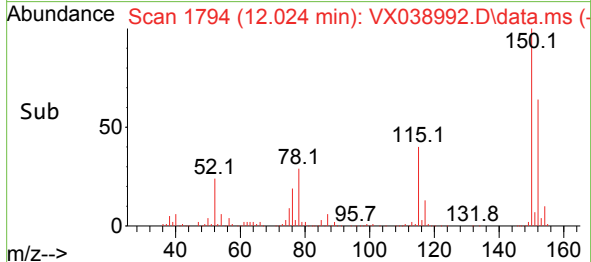
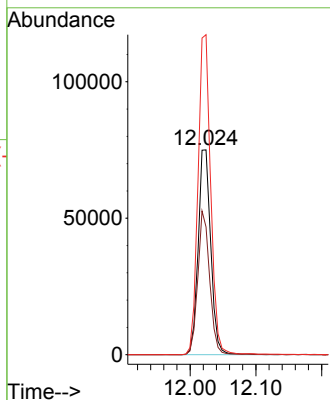
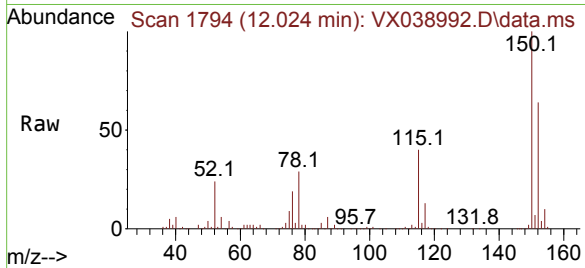
Tgt Ion:152 Resp: 99750

Ion Ratio Lower Upper

152 100

115 66.1 43.3 129.9

150 158.0 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 23.185 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038992.D

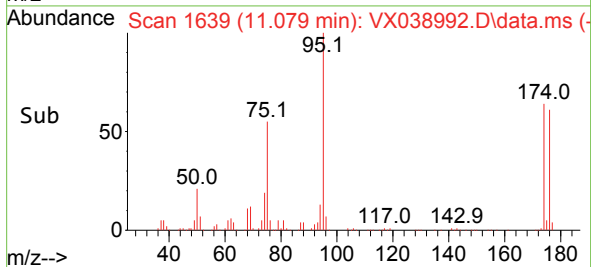
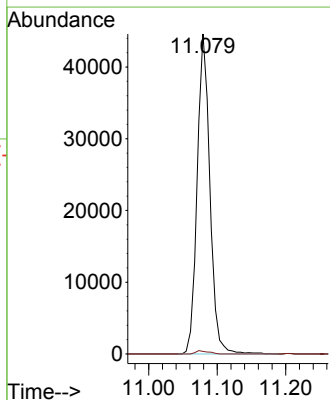
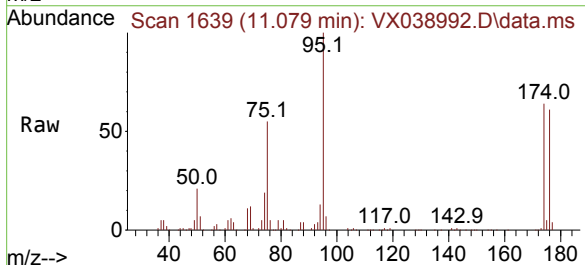
Acq: 21 Nov 2023 18:07

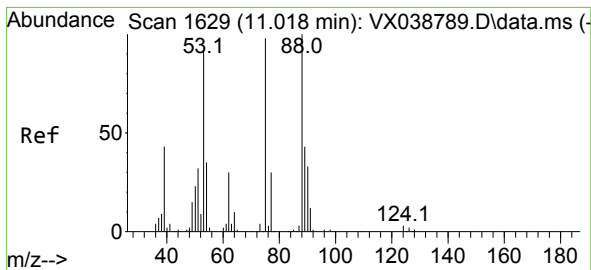
Tgt Ion: 75 Resp: 57702

Ion Ratio Lower Upper

75 100

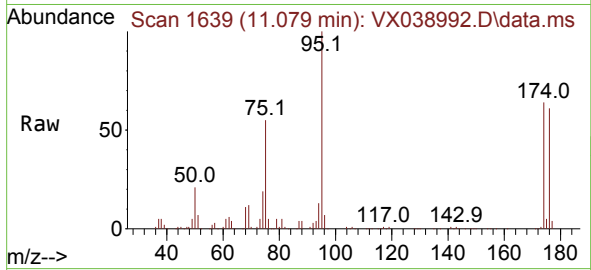
77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 51.427 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038992.D
 Acq: 21 Nov 2023 18:07

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 57702
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

