

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090319\
 Data File : VX012038.D
 Acq On : 03 Sep 2019 22:42
 Operator : SY/SP
 Sample : K4546-07
 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-S-C4-(0)

Quant Time: Sep 04 04:05:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

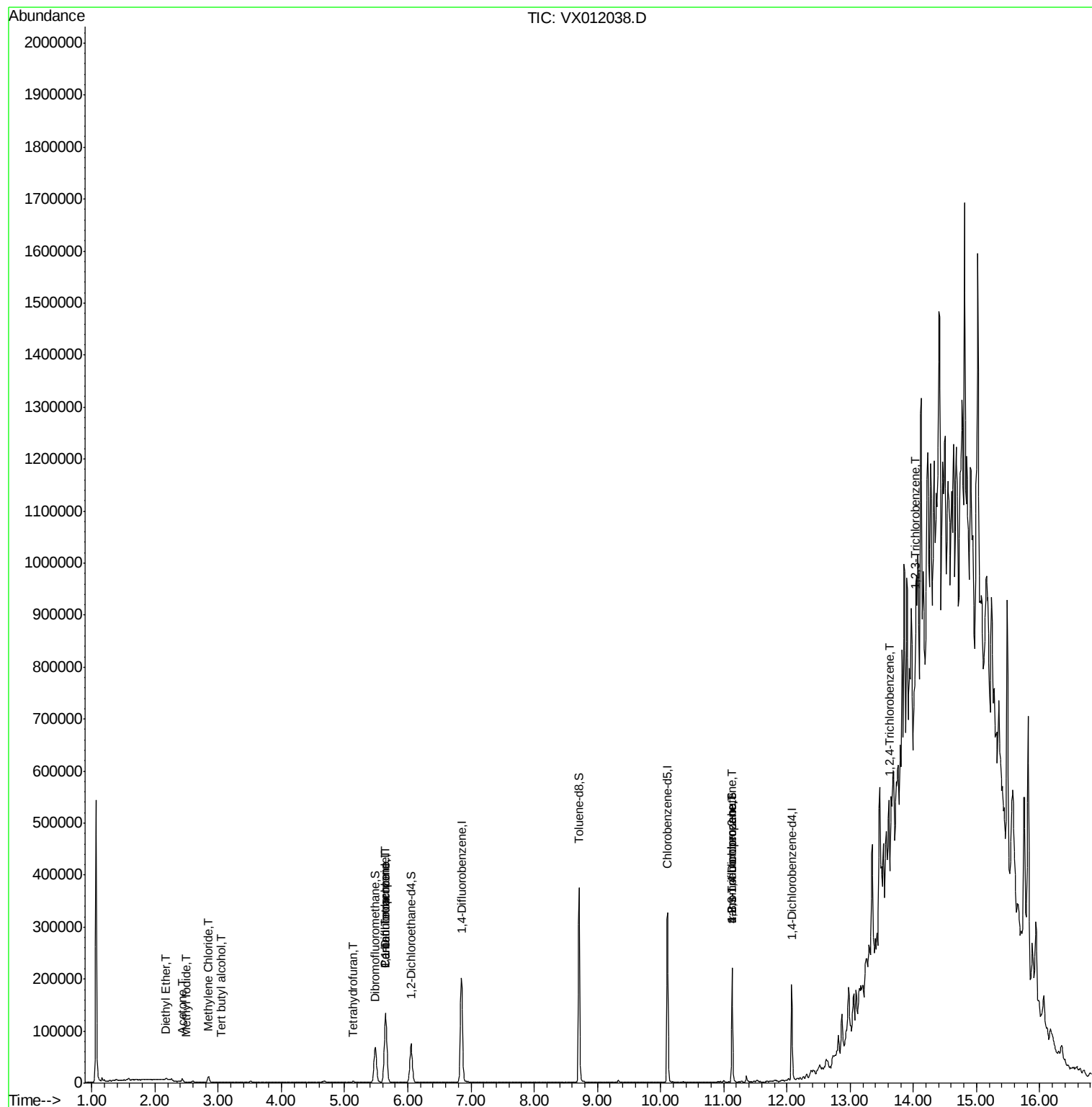
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	111834	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	194478	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	141870	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	33649	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	72865	47.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.44%	
35) Dibromofluoromethane	5.48	113	57096	47.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.48%	
50) Toluene-d8	8.71	98	213286	48.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.20%	
62) 4-Bromofluorobenzene	11.14	95	62974	30.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	61.70%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	2.18	74	1106	2.074	ug/l	98
10) Methyl Iodide	2.49	142	20	7.003	ug/l #	40
11) Tert butyl alcohol	3.04	59	1089	7.347	ug/l #	73
13) Acrolein	2.29	56	55	Below Cal	#	12
16) Acetone	2.43	43	6416	17.395	ug/l #	88
20) Methylene Chloride	2.84	84	5617	3.792	ug/l	94
29) Tetrahydrofuran	5.13	42	2305	8.149	ug/l	91
36) 1,1-Dichloropropene	5.65	75	10289	6.007	ug/l #	49
38) Carbon Tetrachloride	5.65	117	13265	7.349	ug/l #	15
76) 1,2,3-Trichloropropane	11.14	75	32448	78.922	ug/l #	32
81) trans-1,4-Dichloro-2-buten	11.14	75	32448	186.584	ug/l #	10
93) 1,2,4-Trichlorobenzene	13.62	180	867	1.222	ug/l #	1
96) 1,2,3-Trichlorobenzene	14.03	180	18637	29.868	ug/l #	19

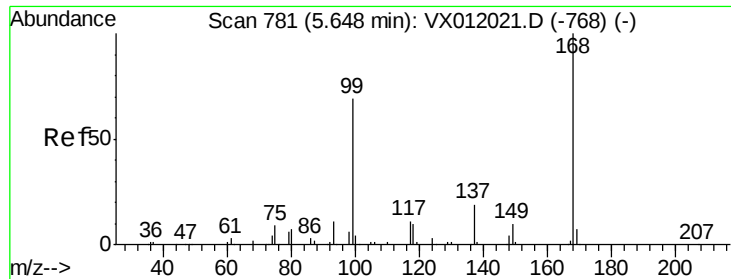
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX090319\
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Quant Title : SW846 8260
QLast Update : Tue Sep 03 15:26:48 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012038.D

Acq: 03 Sep 2019 22:42

Instrument :

MSVOA_X

ClientSampleId :

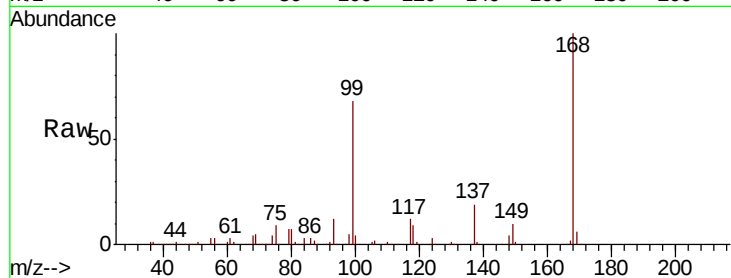
T3-S-C4-(0)

Tgt Ion:168 Resp: 111834

Ion Ratio Lower Upper

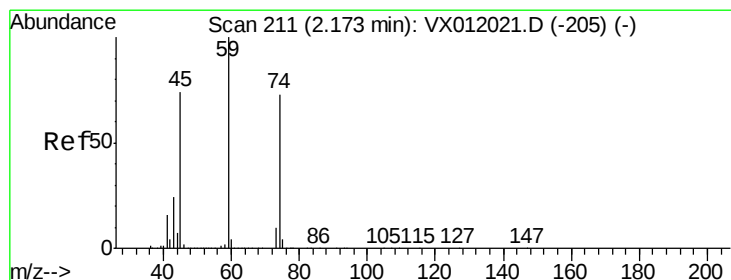
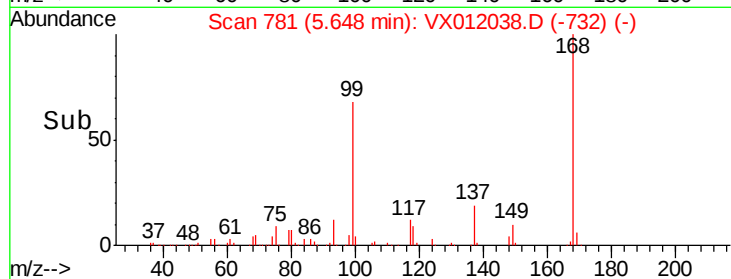
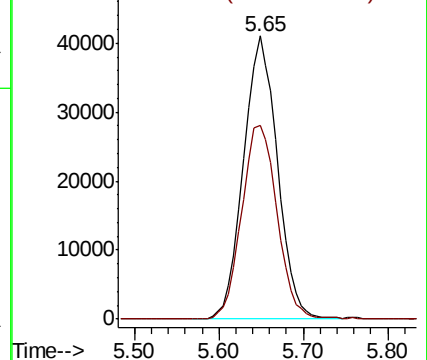
168 100

99 68.4 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#8

Diethyl Ether

Concen: 2.074 ug/l

RT: 2.18 min Scan# 212

Delta R.T. 0.01 min

Lab File: VX012038.D

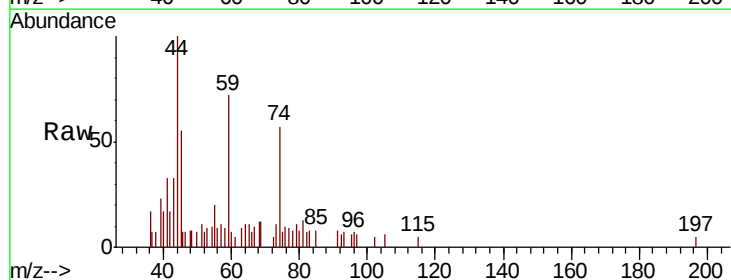
Acq: 03 Sep 2019 22:42

Tgt Ion: 74 Resp: 1106

Ion Ratio Lower Upper

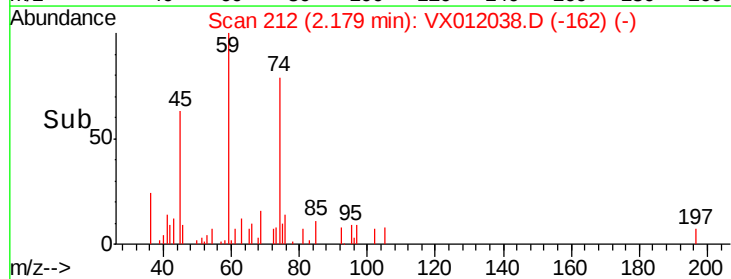
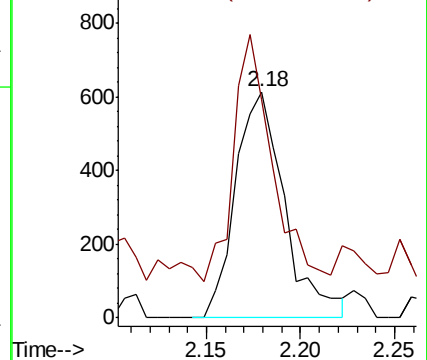
74 100

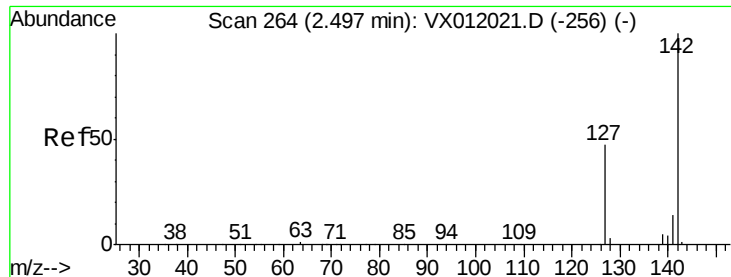
45 89.9 45.9 137.6



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

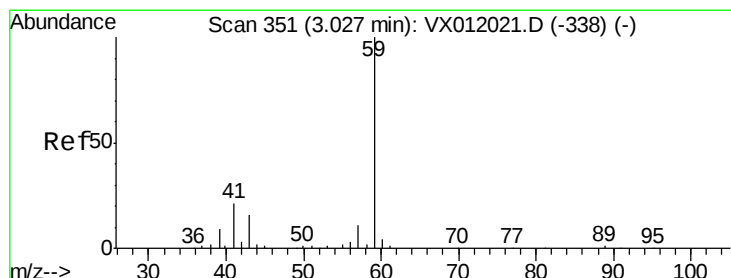
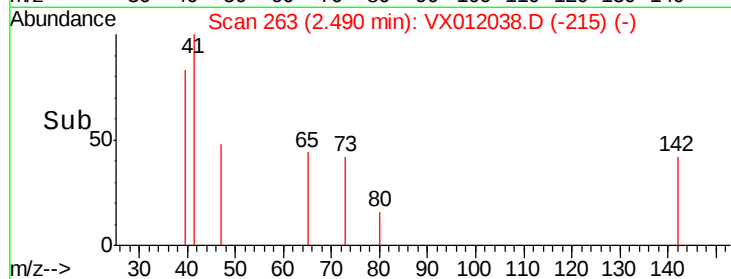
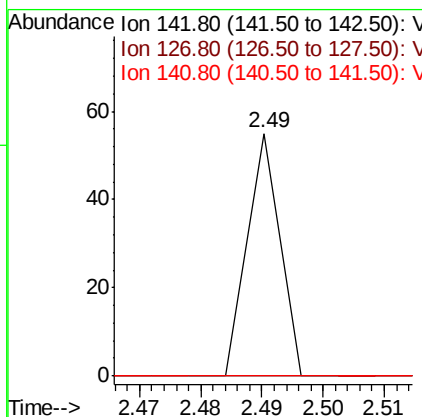
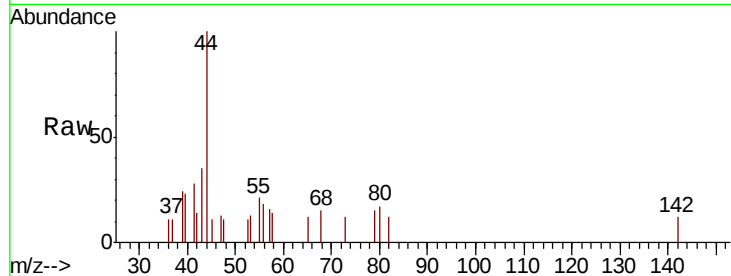




#10
Methyl Iodide
Concen: 7.003 ug/l
RT: 2.49 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX012038.D
Acq: 03 Sep 2019 22:42

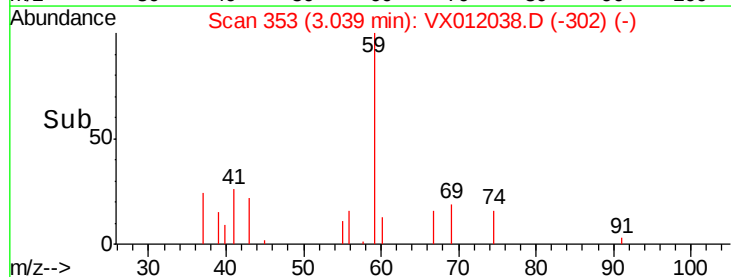
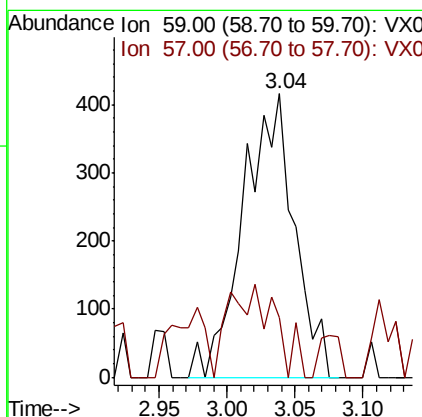
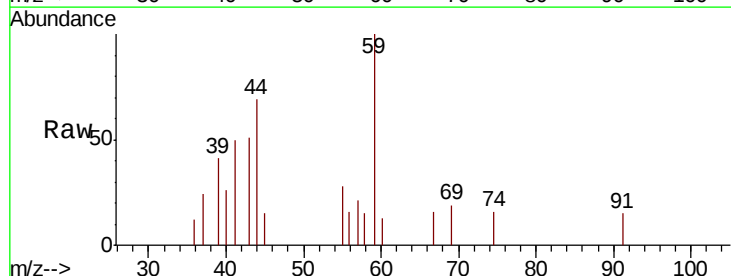
Instrument :
MSVOA_X
ClientSampleId :
T3-S-C4-(0)

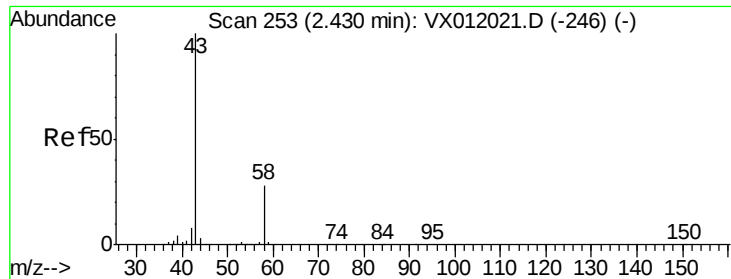
Tgt Ion: 142 Resp: 20
Ion Ratio Lower Upper
142 100
127 0.0 35.4 53.2#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 7.347 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.01 min
Lab File: VX012038.D
Acq: 03 Sep 2019 22:42

Tgt Ion: 59 Resp: 1089
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#





#16

Acetone

Concen: 17.395 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012038.D

Acq: 03 Sep 2019 22:42

Instrument :

MSVOA_X

ClientSampleId :

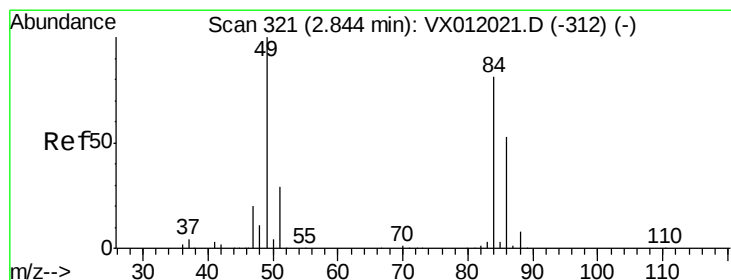
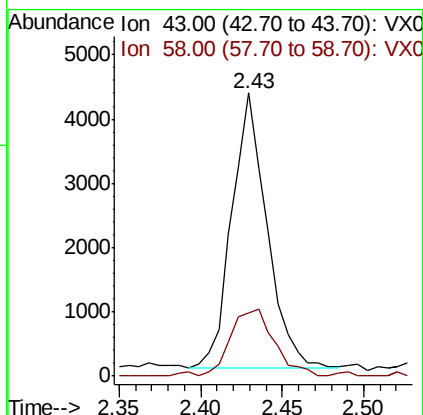
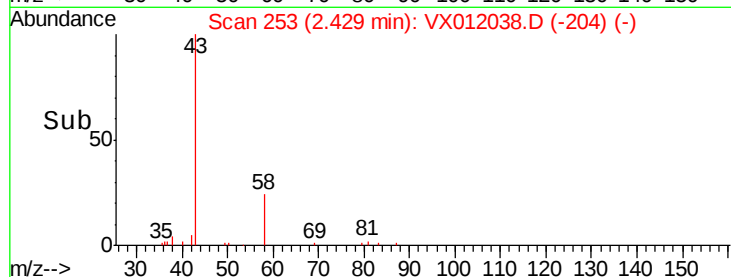
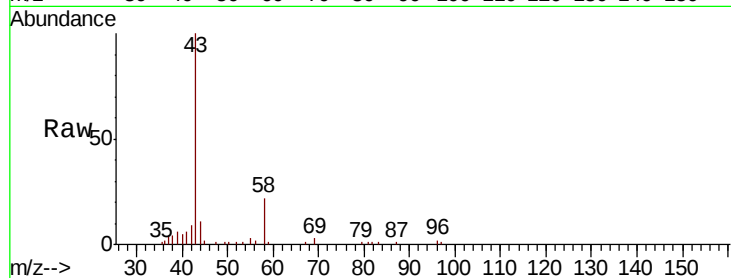
T3-S-C4-(0)

Tgt Ion: 43 Resp: 6416

Ion Ratio Lower Upper

43 100

58 21.9 22.8 34.2#



#20

Methylene Chloride

Concen: 3.792 ug/l

RT: 2.84 min Scan# 321

Delta R.T. -0.00 min

Lab File: VX012038.D

Acq: 03 Sep 2019 22:42

Tgt Ion: 84 Resp: 5617

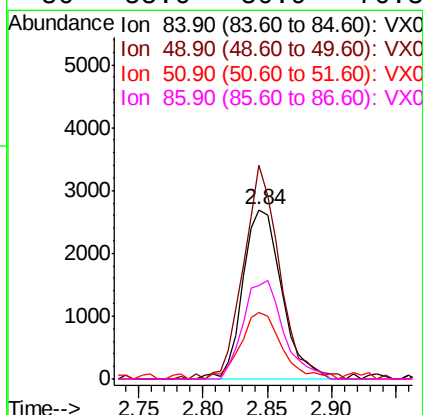
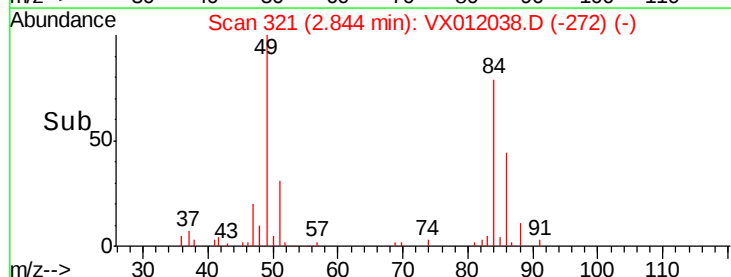
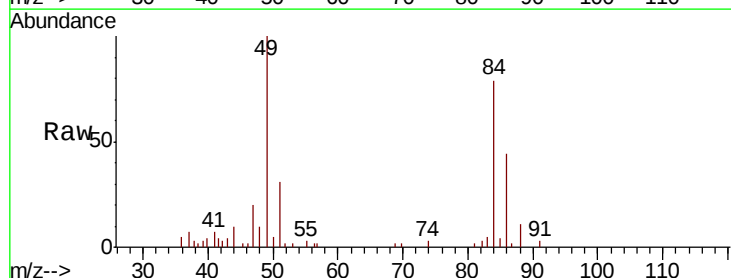
Ion Ratio Lower Upper

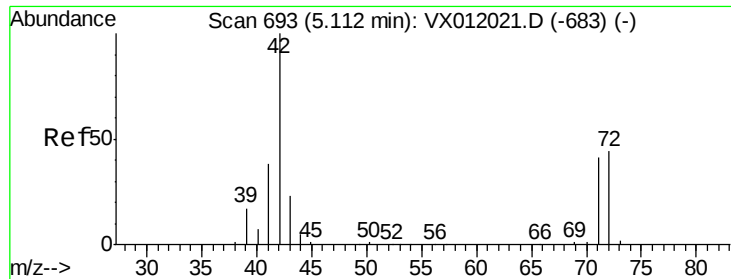
84 100

49 123.7 95.8 143.8

51 39.2 28.6 43.0

86 55.6 50.9 76.3

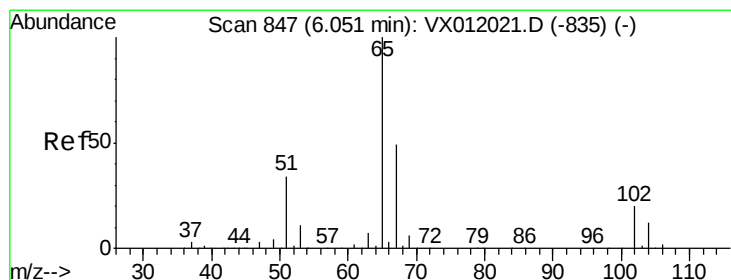
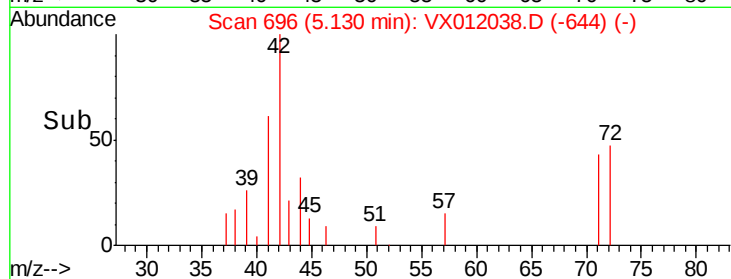
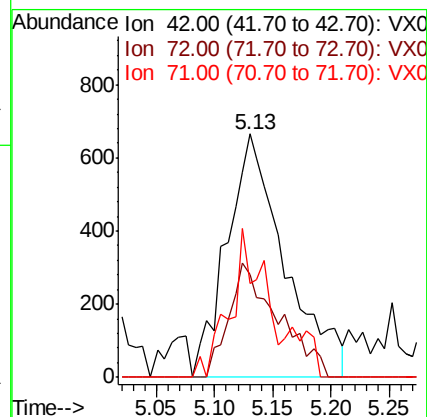
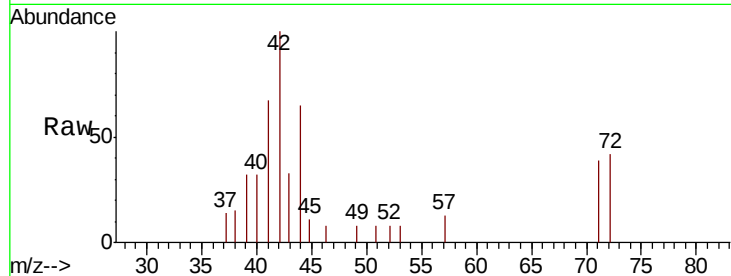




#29
Tetrahydrofuran
Concen: 8.149 ug/l
RT: 5.13 min Scan# 696
Delta R.T. 0.02 min
Lab File: VX012038.D
Acq: 03 Sep 2019 22:42

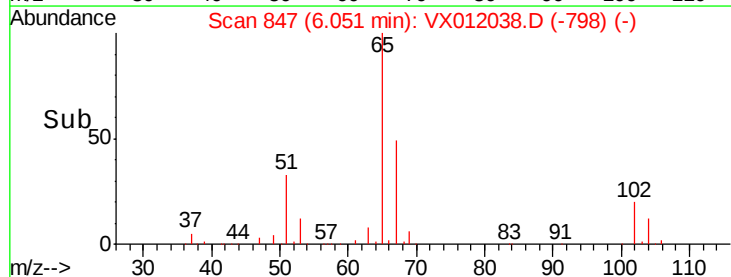
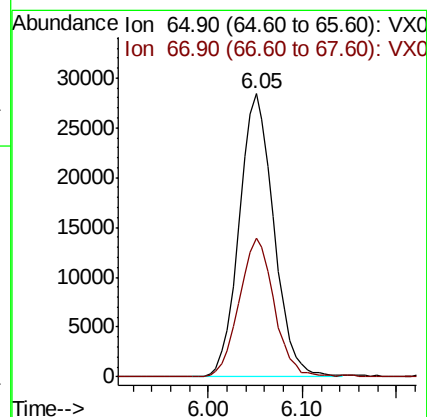
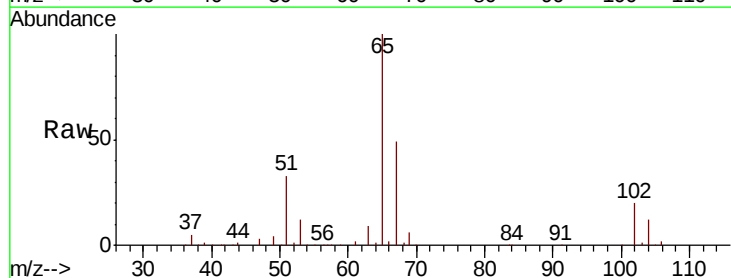
Instrument :
MSVOA_X
ClientSampled :
T3-S-C4-(0)

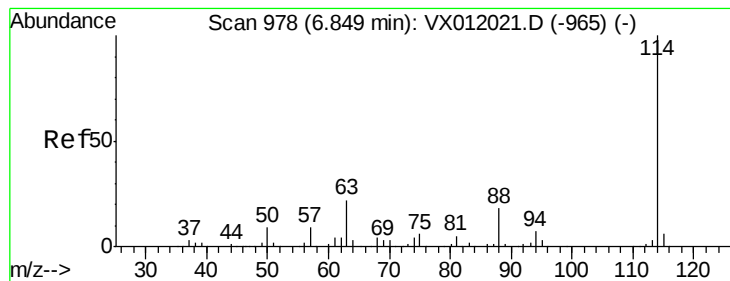
Tgt Ion: 42 Resp: 2305
Ion Ratio Lower Upper
42 100
72 39.8 37.0 55.4
71 36.5 33.8 50.8



#33
1,2-Dichloroethane-d4
Concen: 47.220 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX012038.D
Acq: 03 Sep 2019 22:42

Tgt Ion: 65 Resp: 72865
Ion Ratio Lower Upper
65 100
67 49.5 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012038.D

Acq: 03 Sep 2019 22:42

Instrument :

MSVOA_X

ClientSampleId :

T3-S-C4-(0)

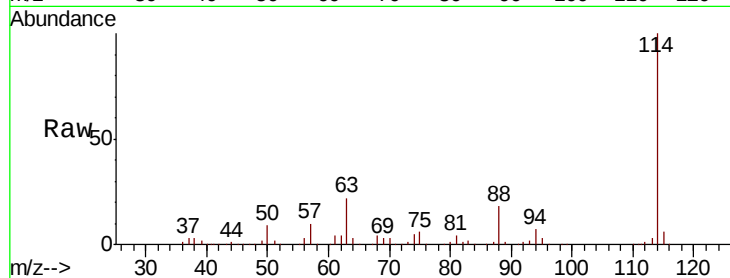
Tgt Ion:114 Resp: 194478

Ion Ratio Lower Upper

114 100

63 21.9 0.0 37.4

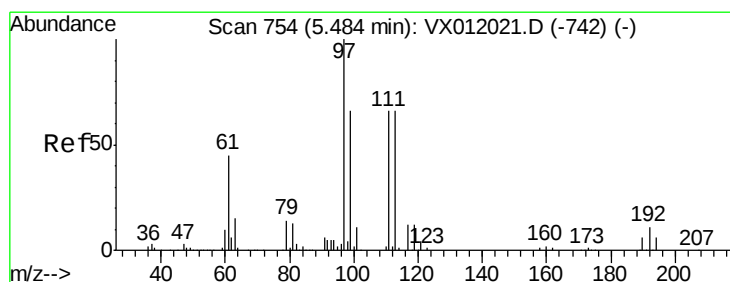
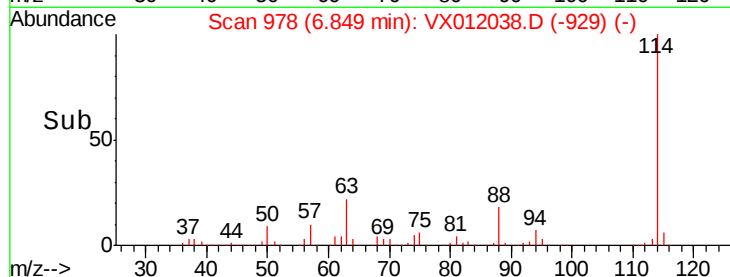
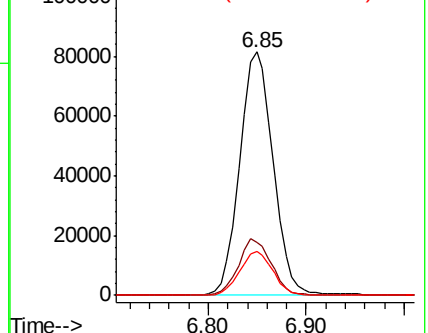
88 18.2 0.0 29.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 47.740 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012038.D

Acq: 03 Sep 2019 22:42

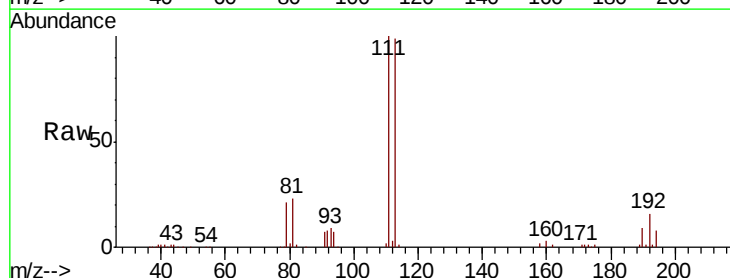
Tgt Ion:113 Resp: 57096

Ion Ratio Lower Upper

113 100

111 104.3 81.7 122.5

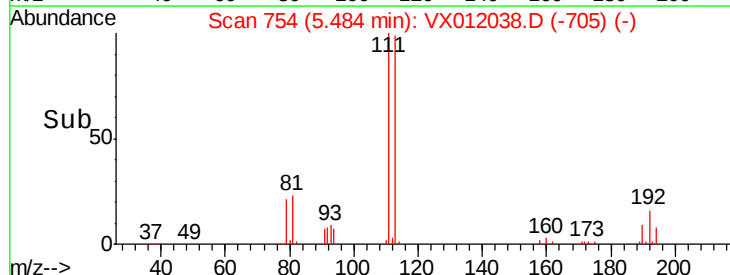
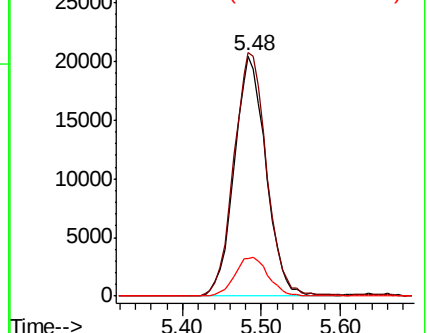
192 17.1 22.5 33.7#

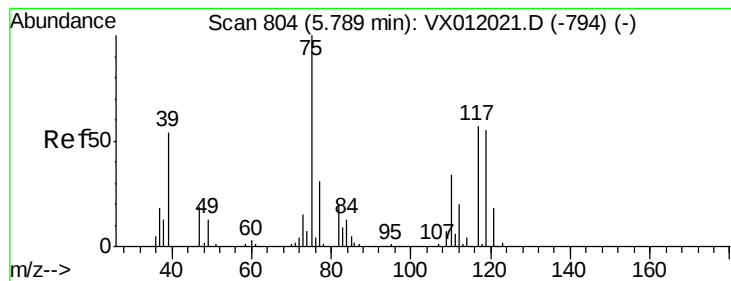


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 6.007 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.14 min

Lab File: VX012038.D

Acq: 03 Sep 2019 22:42

Instrument :

MSVOA_X

ClientSampleId :

T3-S-C4-(0)

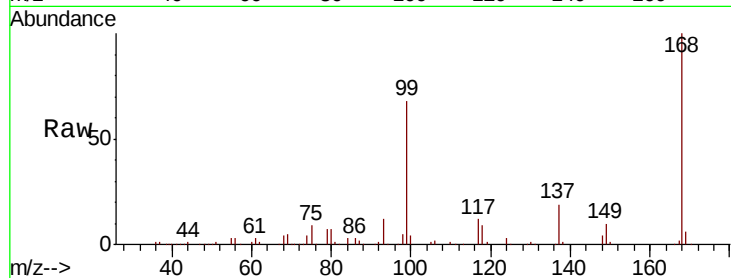
Tgt Ion: 75 Resp: 10289

Ion Ratio Lower Upper

75 100

110 10.2 19.5 58.5#

77 0.0 24.6 37.0#

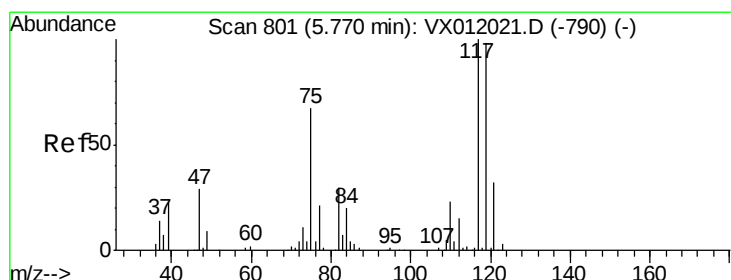
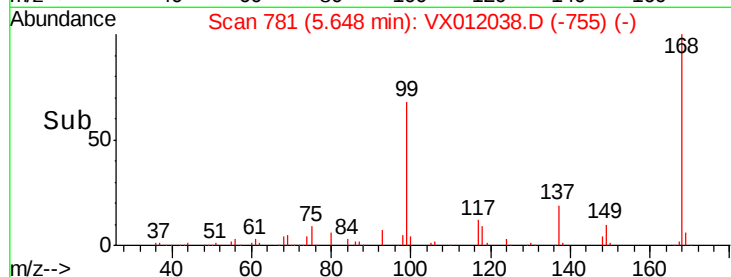


Abundance Ion 74.90 (74.60 to 75.60): VX012021.D (-794) (-)

Ion 109.90 (109.60 to 110.60): VX012021.D (-794) (-)

Ion 76.90 (76.60 to 77.60): VX012021.D (-794) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 7.349 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.12 min

Lab File: VX012038.D

Acq: 03 Sep 2019 22:42

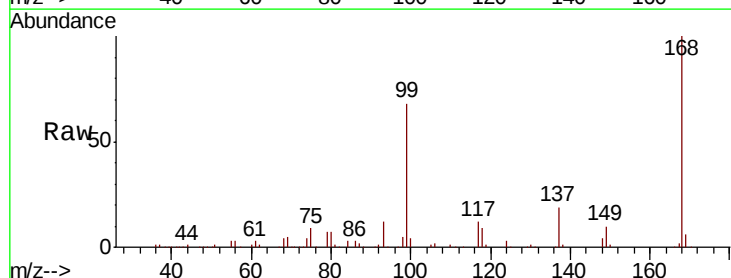
Tgt Ion: 117 Resp: 13265

Ion Ratio Lower Upper

117 100

119 5.1 78.3 117.5#

121 0.0 24.2 36.2#

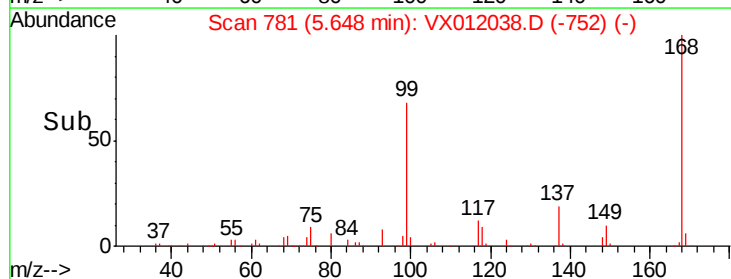


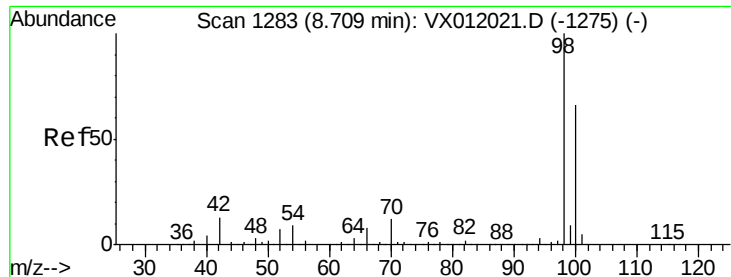
Abundance Ion 116.80 (116.50 to 117.50): VX012021.D (-790) (-)

Ion 118.80 (118.50 to 119.50): VX012021.D (-790) (-)

Ion 120.80 (120.50 to 121.50): VX012021.D (-790) (-)

Time-->

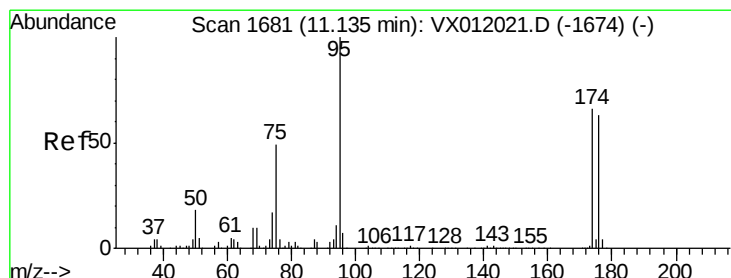
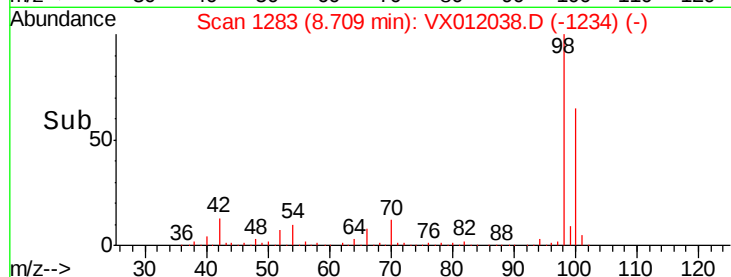
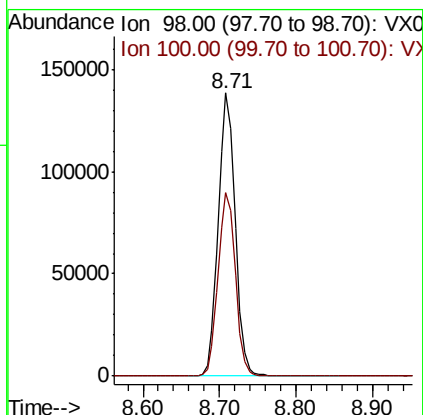
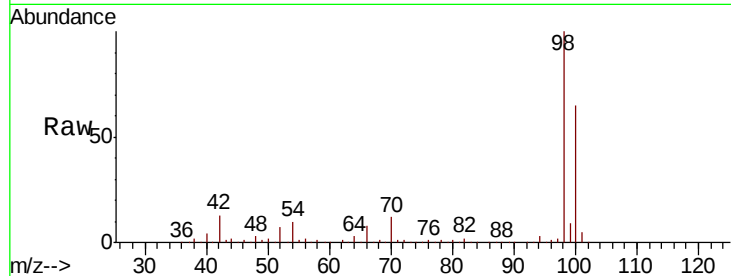




#50
Toluene-d8
Concen: 48.599 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012038.D
Acq: 03 Sep 2019 22:42

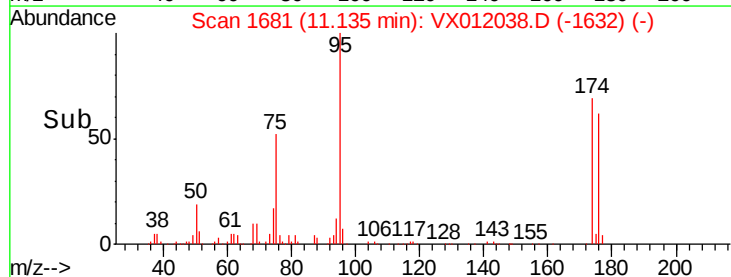
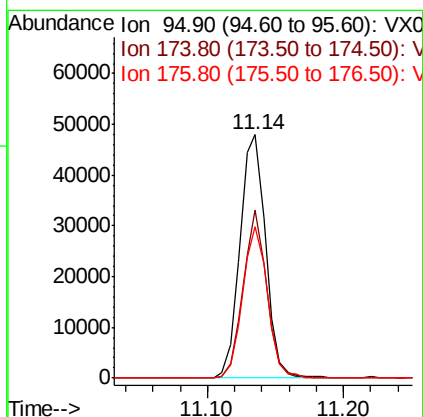
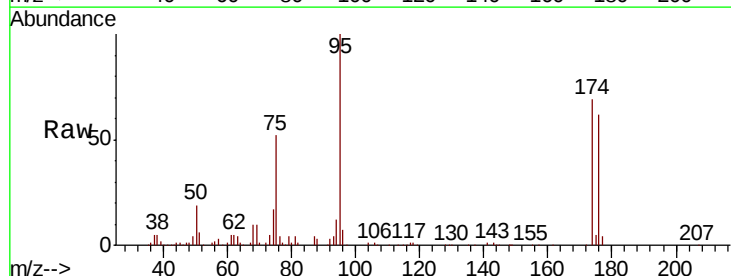
Instrument :
MSVOA_X
ClientSampleId :
T3-S-C4-(0)

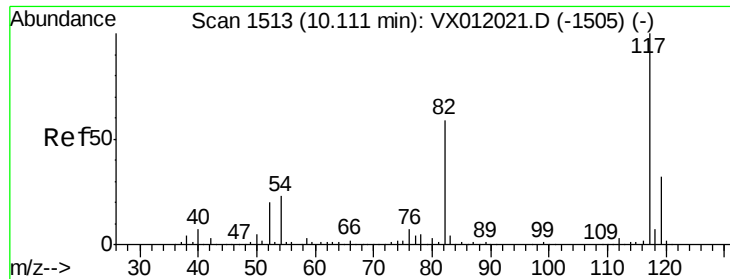
Tgt Ion: 98 Resp: 213286
Ion Ratio Lower Upper
98 100
100 66.4 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 30.854 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012038.D
Acq: 03 Sep 2019 22:42

Tgt Ion: 95 Resp: 62974
Ion Ratio Lower Upper
95 100
174 63.2 0.0 205.4
176 60.6 0.0 201.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX012038.D

Acq: 03 Sep 2019 22:42

Instrument :

MSVOA_X

ClientSampleId :

T3-S-C4-(0)

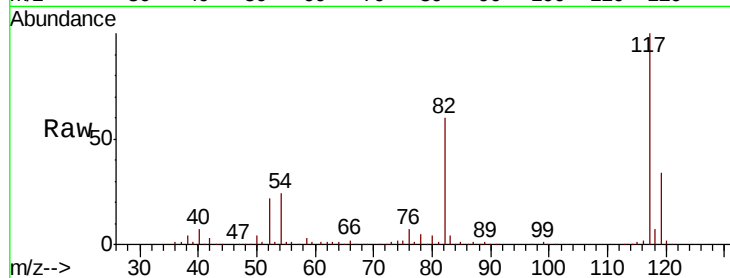
Tgt Ion:117 Resp: 141870

Ion Ratio Lower Upper

117 100

82 59.7 39.4 59.0#

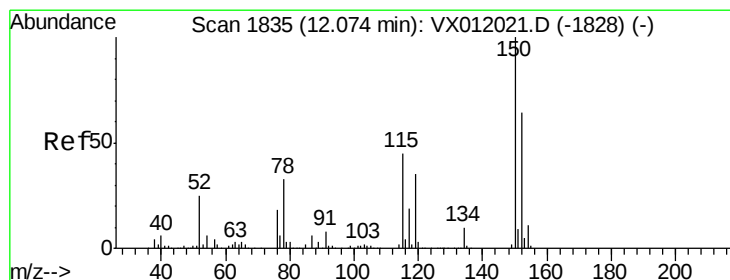
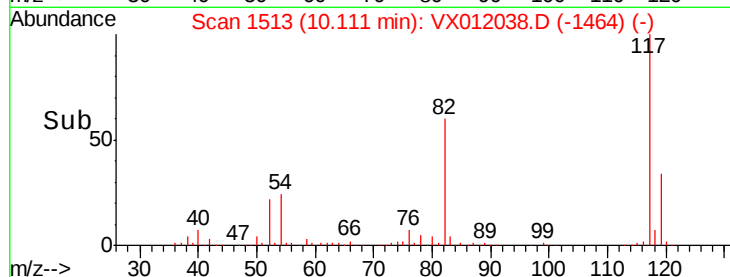
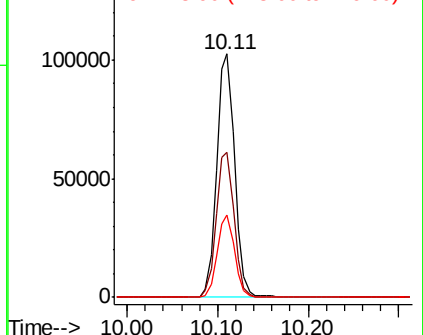
119 33.9 26.1 39.1



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012038.D

Acq: 03 Sep 2019 22:42

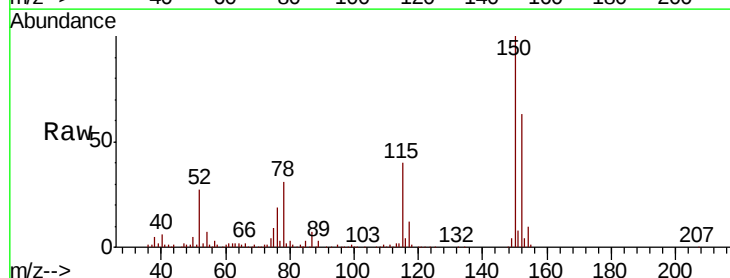
Tgt Ion:152 Resp: 33649

Ion Ratio Lower Upper

152 100

115 65.1 36.4 109.3

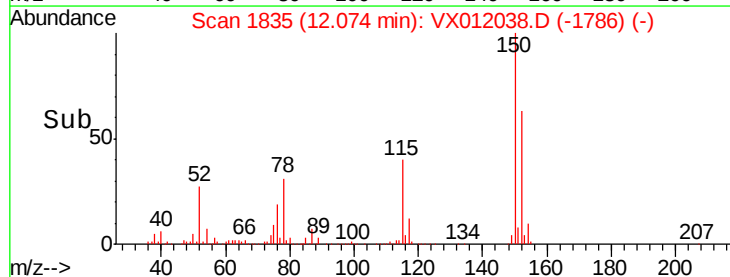
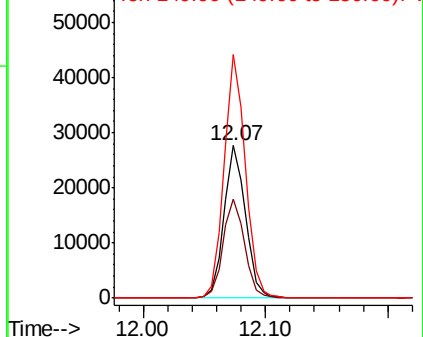
150 157.8 0.0 341.2

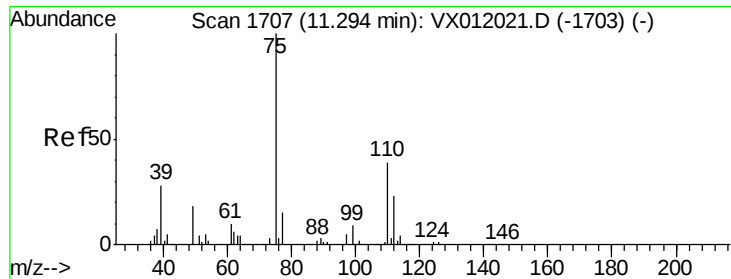


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

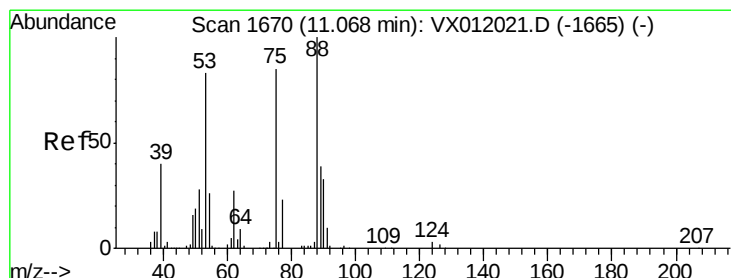
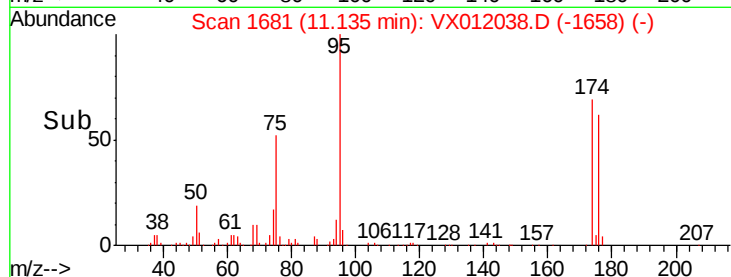
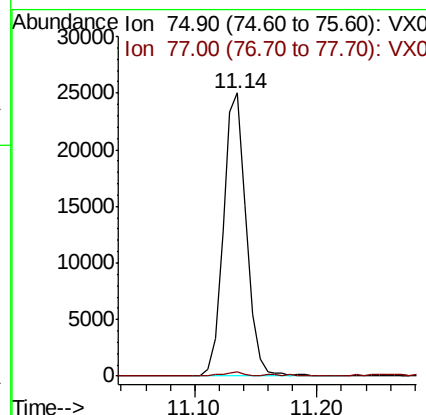
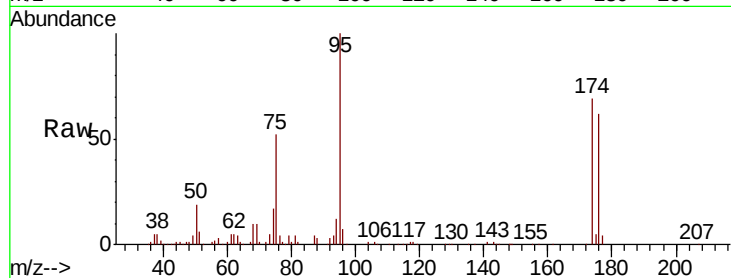




#76
 1,2,3-Trichloropropane
 Concen: 78.922 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. -0.16 min
 Lab File: VX012038.D
 Acq: 03 Sep 2019 22:42

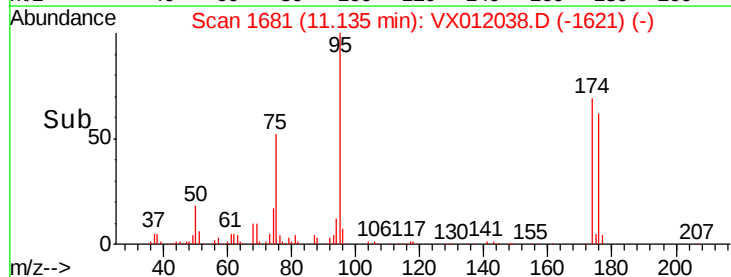
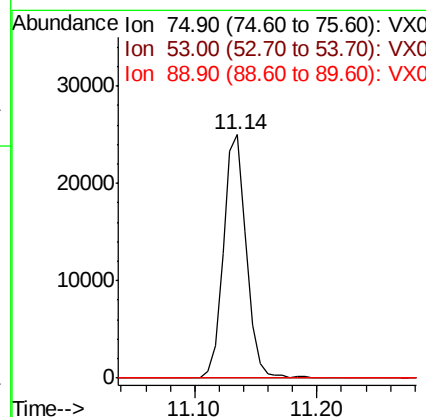
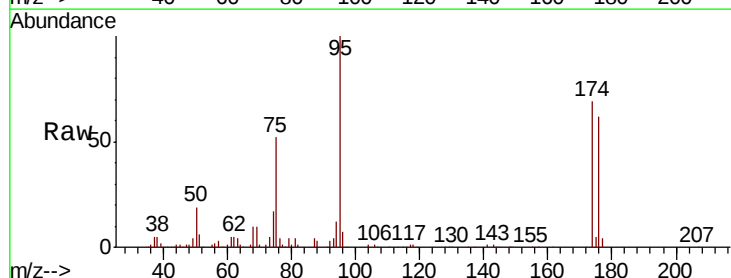
Instrument :
 MSVOA_X
 ClientSampled :
 T3-S-C4-(0)

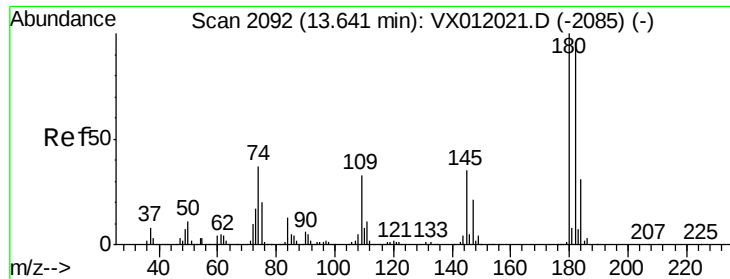
Tgt Ion: 75 Resp: 32448
 Ion Ratio Lower Upper
 75 100
 77 1.4 23.5 70.5#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 186.584 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. 0.07 min
 Lab File: VX012038.D
 Acq: 03 Sep 2019 22:42

Tgt Ion: 75 Resp: 32448
 Ion Ratio Lower Upper
 75 100
 53 0.3 78.6 117.8#
 89 0.0 38.8 58.2#

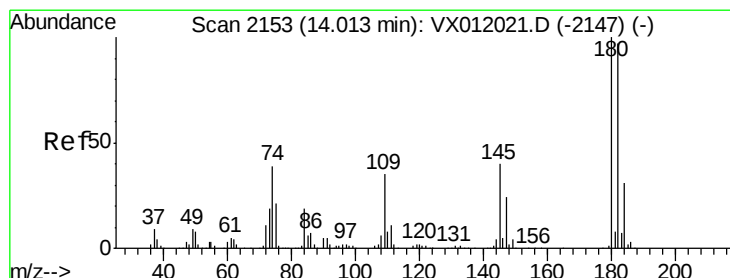
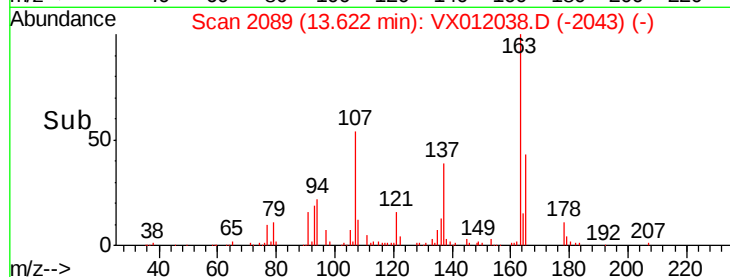
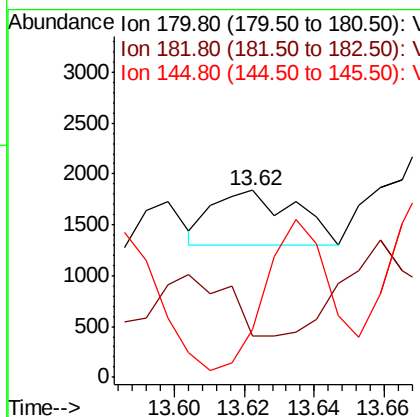
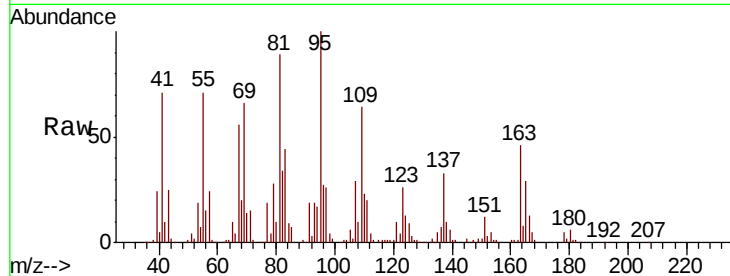




#93
 1,2,4-Trichlorobenzene
 Concen: 1.222 ug/l
 RT: 13.62 min Scan# 2089
 Delta R.T. -0.02 min
 Lab File: VX012038.D
 Acq: 03 Sep 2019 22:42

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-S-C4-(0)

Tgt Ion:180 Resp: 867
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.3 142.0#
 145 232.6 13.7 41.0#



#96
 1,2,3-Trichlorobenzene
 Concen: 29.868 ug/l
 RT: 14.03 min Scan# 2156
 Delta R.T. 0.01 min
 Lab File: VX012038.D
 Acq: 03 Sep 2019 22:42

Tgt Ion:180 Resp: 18637
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.9 143.6#
 145 16.6 14.1 42.4

