

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121218\
 Data File : VX006438.D
 Acq On : 12 Dec 2018 12:13
 Operator : JC/MD
 Sample : VX1212WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBL01

Quant Time: Dec 13 06:05:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

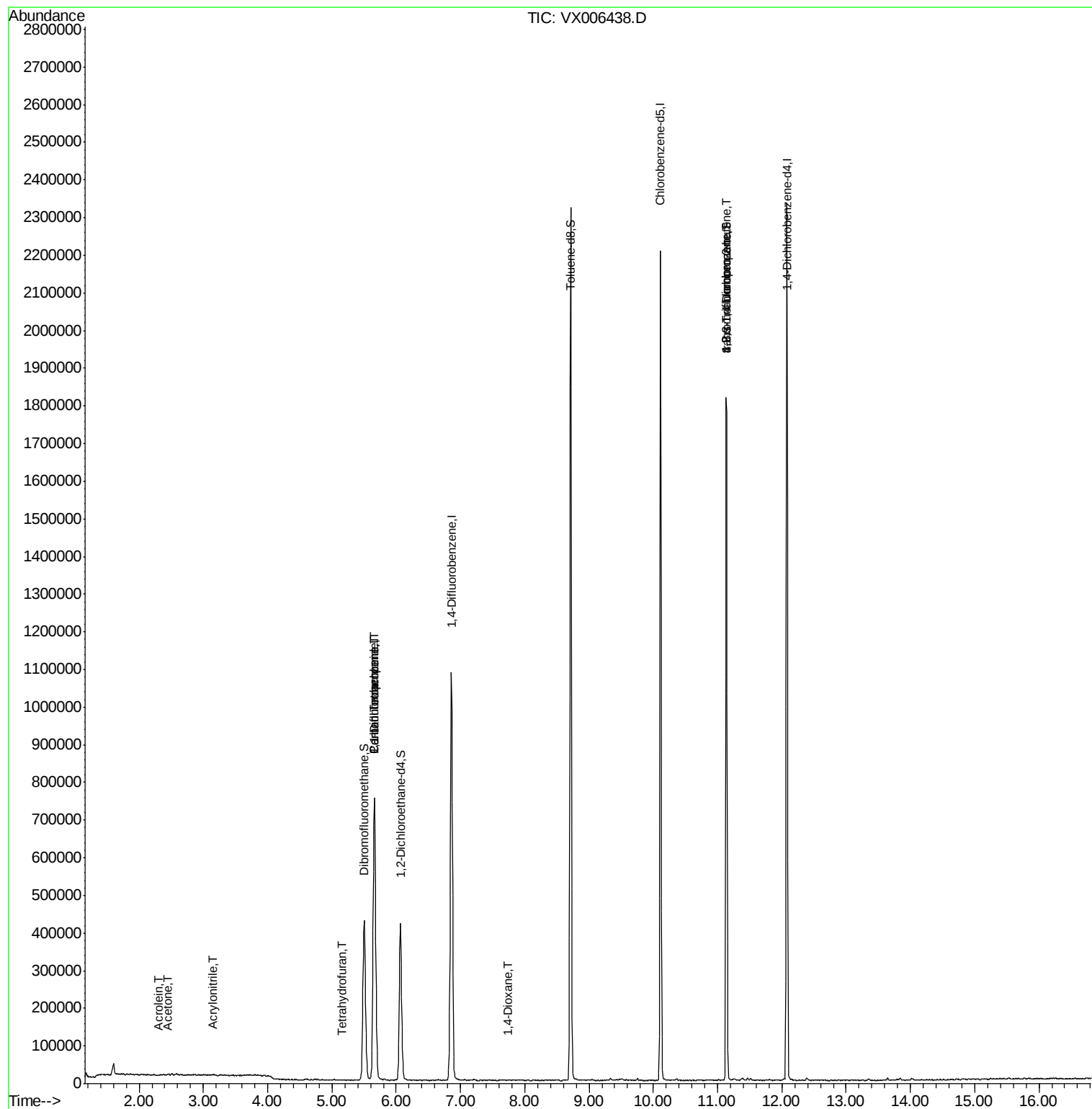
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	787527	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1200173	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1071216	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	518000	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	394194	49.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.06%	
35) Dibromofluoromethane	5.50	113	368809	47.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.92%	
50) Toluene-d8	8.71	98	1387277	49.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.16%	
62) 4-Bromofluorobenzene	11.13	95	503044	47.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.46%	
Target Compounds						
					Qvalue	
13) Acrolein	2.29	56	269	0.224	ug/l #	60
15) Acrylonitrile	3.15	53	1439	0.314	ug/l #	85
16) Acetone	2.45	43	1543	0.409	ug/l #	70
29) Tetrahydrofuran	5.15	42	796	0.213	ug/l #	10
36) 1,1-Dichloropropene	5.67	75	47898	4.739	ug/l #	48
38) Carbon Tetrachloride	5.67	117	72032	6.058	ug/l #	16
49) 1,4-Dioxane	7.73	88	89	0.393	ug/l #	37
76) 1,2,3-Trichloropropane	11.13	75	229754	22.979	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.13	75	229754	53.926	ug/l #	15

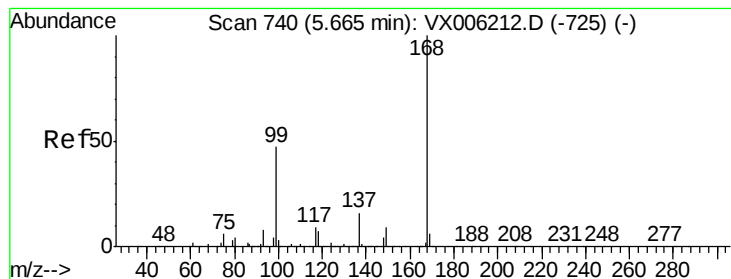
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121218\
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ClientSampleId :
VX1212WBL01

Quant Time: Dec 13 06:05:16 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006438.D

Acq: 12 Dec 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

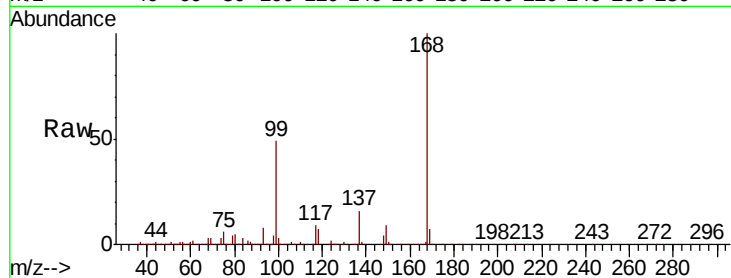
VX1212WBL01

Tot Ion:168 Resp: 787527

Ion Ratio Lower Upper

168 100

99 48.7 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

300000

250000

200000

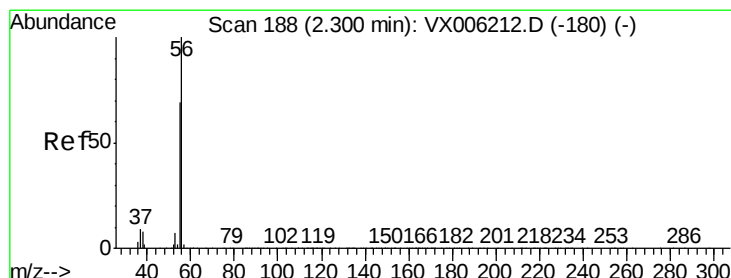
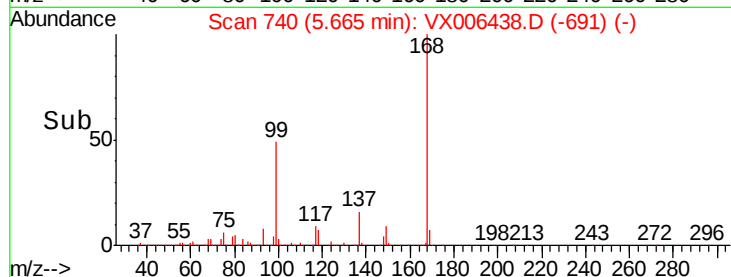
150000

100000

50000

0

Time-->



#13

Acrolein

Concen: 0.224 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX006438.D

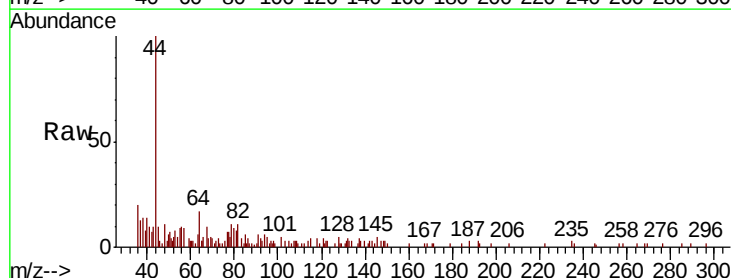
Acq: 12 Dec 2018 12:13

Tgt Ion: 56 Resp: 269

Ion Ratio Lower Upper

56 100

55 39.0 57.8 86.6#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

500

400

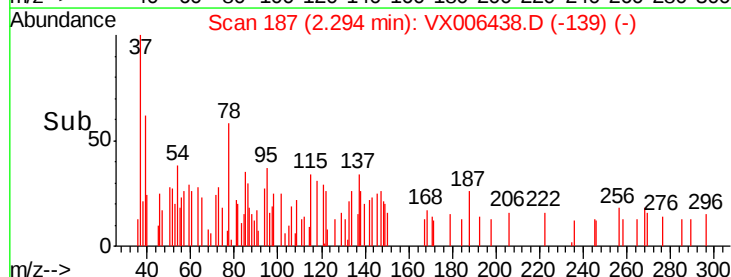
300

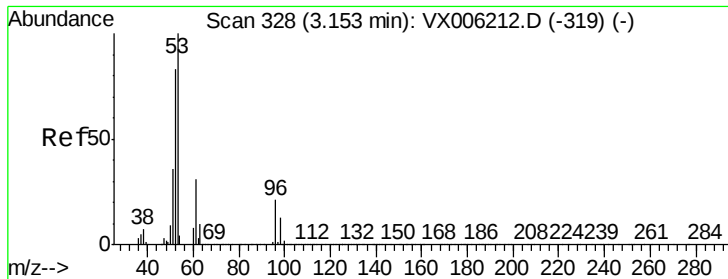
200

100

0

Time-->





#15

Acrylonitrile

Concen: 0.314 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX006438.D

Acq: 12 Dec 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBL01

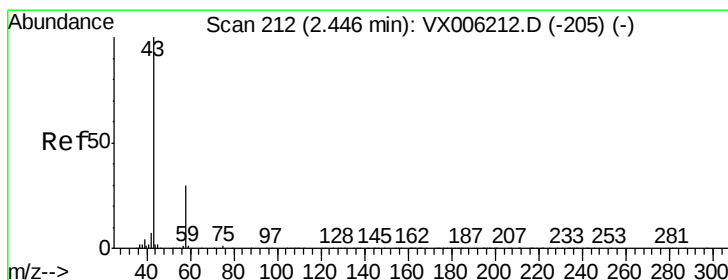
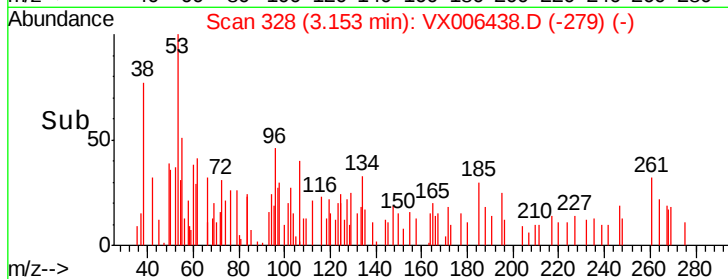
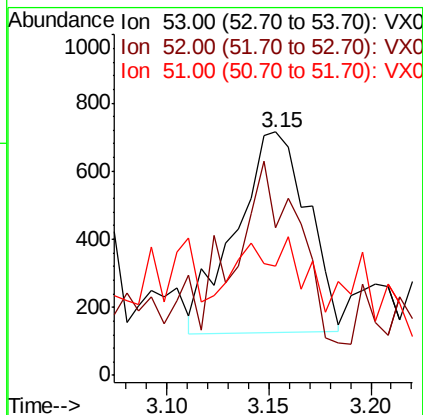
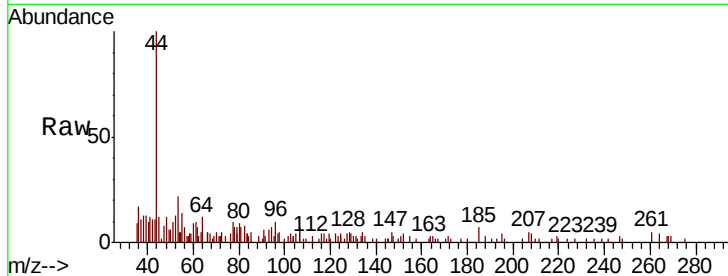
Tot Ion: 53 Resp: 1439

Ion Ratio Lower Upper

53 100

52 86.4 66.2 99.4

51 12.4 28.7 43.1#



#16

Acetone

Concen: 0.409 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006438.D

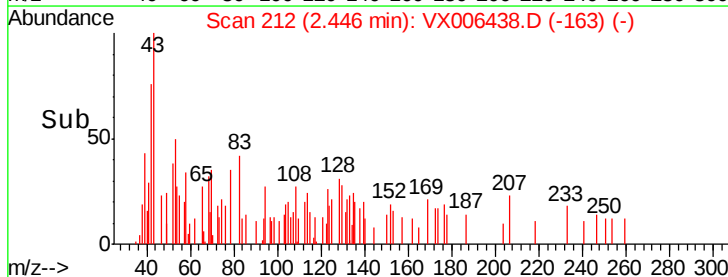
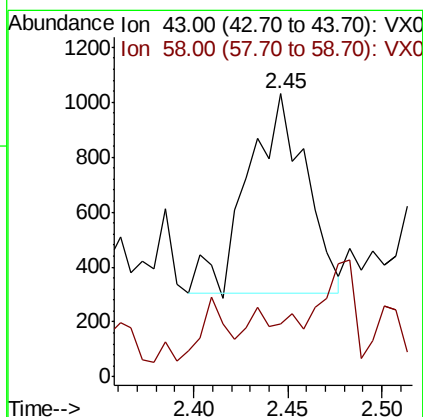
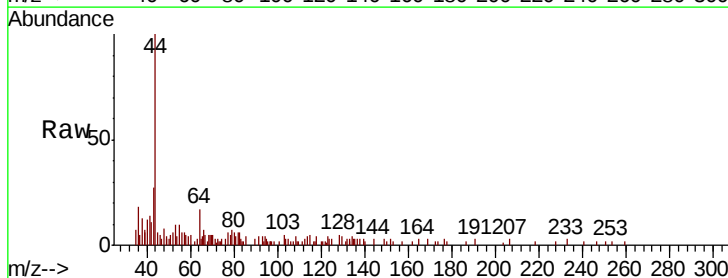
Acq: 12 Dec 2018 12:13

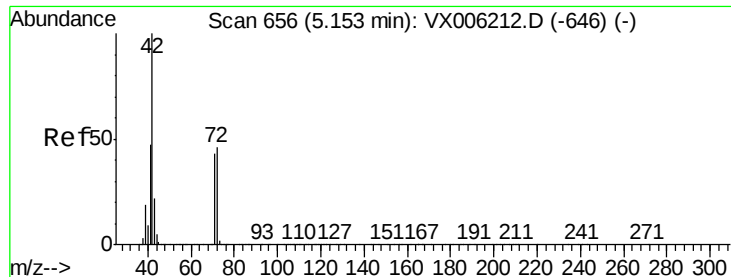
Tgt Ion: 43 Resp: 1543

Ion Ratio Lower Upper

43 100

58 13.5 24.0 36.0#





#29

Tetrahydrofuran

Concen: 0.213 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX006438.D

Acq: 12 Dec 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBL01

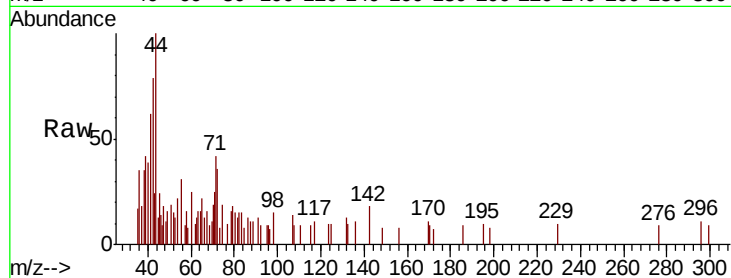
Tot Ion: 42 Resp: 796

Ion Ratio Lower Upper

42 100

72 102.3 37.8 56.8#

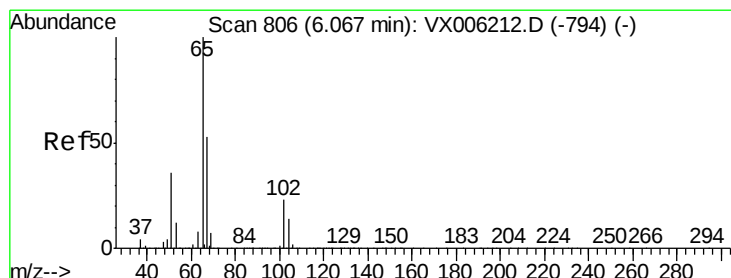
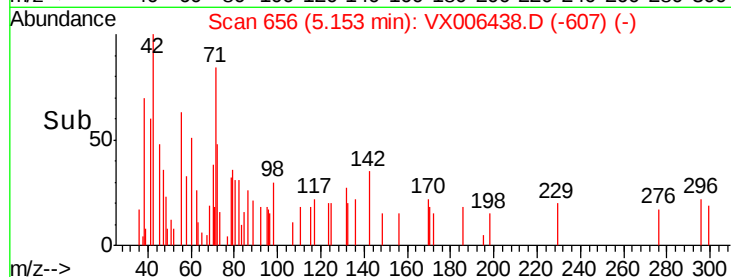
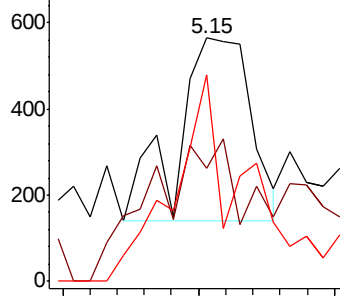
71 107.2 35.2 52.8#



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 49.033 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006438.D

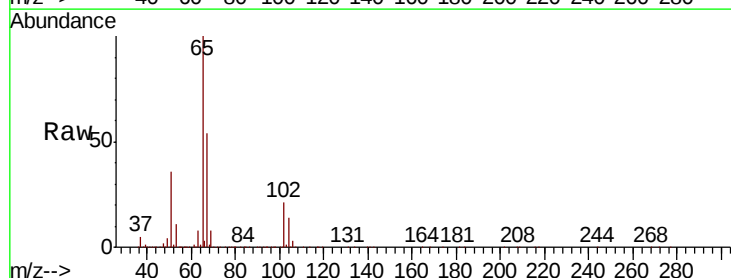
Acq: 12 Dec 2018 12:13

Tgt Ion: 65 Resp: 394194

Ion Ratio Lower Upper

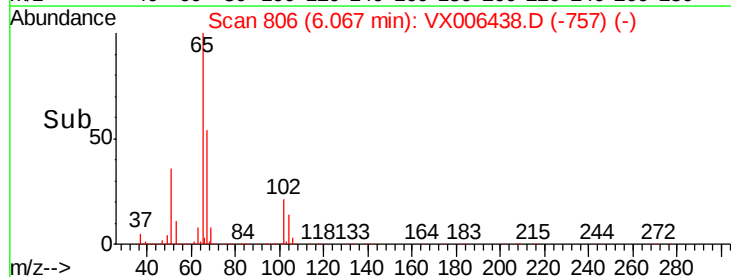
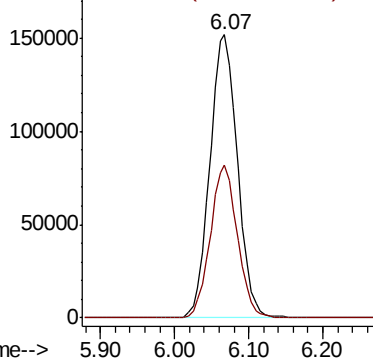
65 100

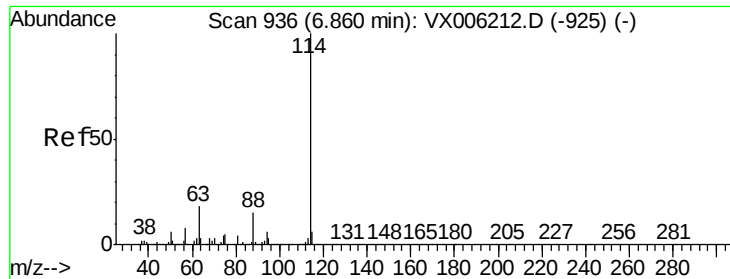
67 53.2 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006438.D

Acq: 12 Dec 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBL01

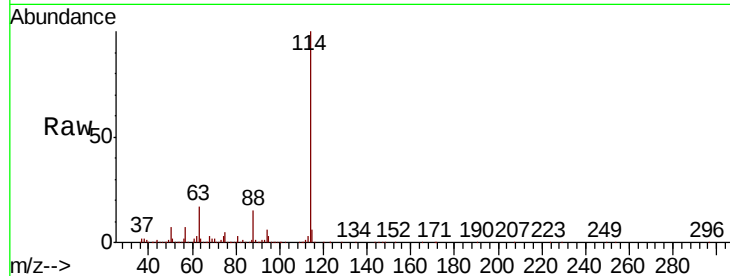
Tot Ion:114 Resp: 1200173

Ion Ratio Lower Upper

114 100

63 16.8 0.0 36.6

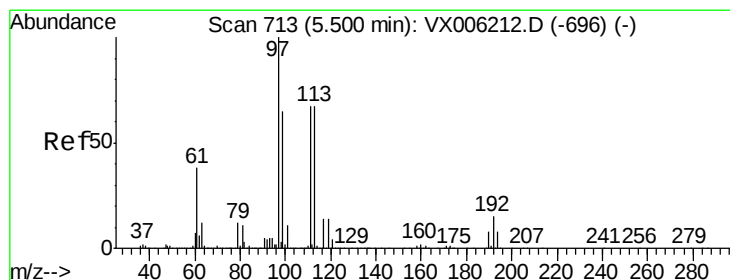
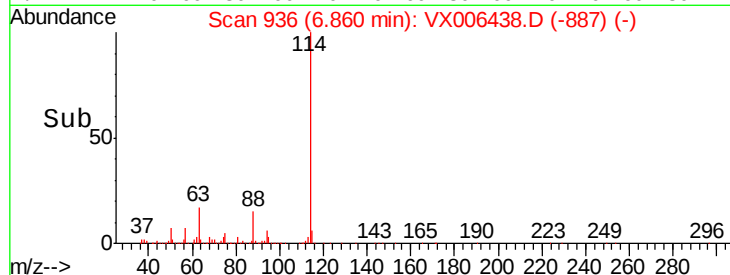
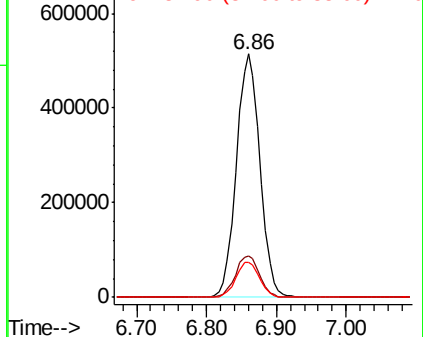
88 14.6 0.0 29.0



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: 47.462 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006438.D

Acq: 12 Dec 2018 12:13

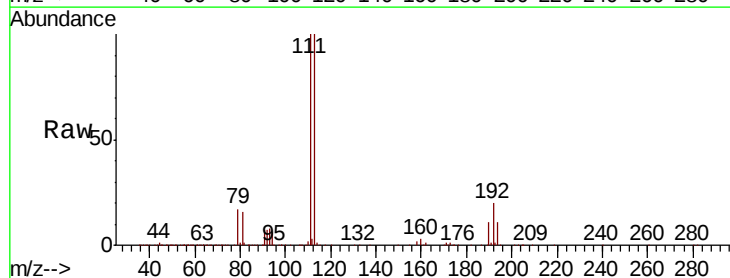
Tgt Ion:113 Resp: 368809

Ion Ratio Lower Upper

113 100

111 100.7 81.1 121.7

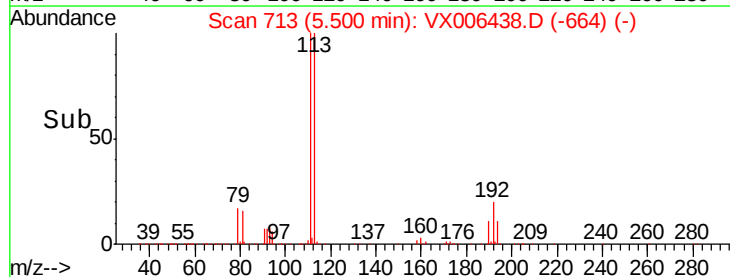
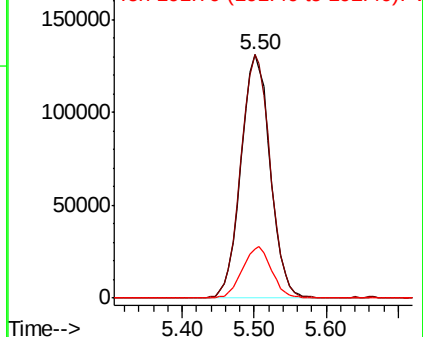
192 21.2 18.2 27.2

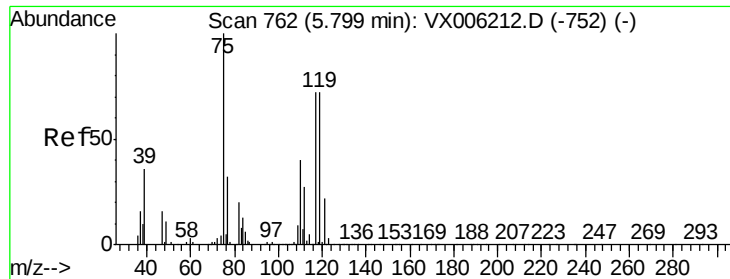


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.739 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX006438.D

Acq: 12 Dec 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBL01

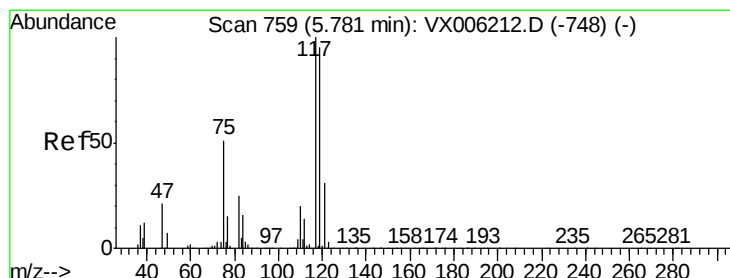
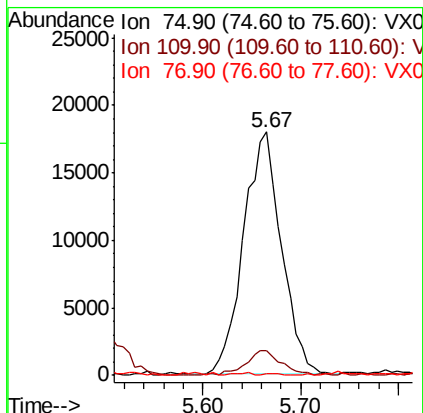
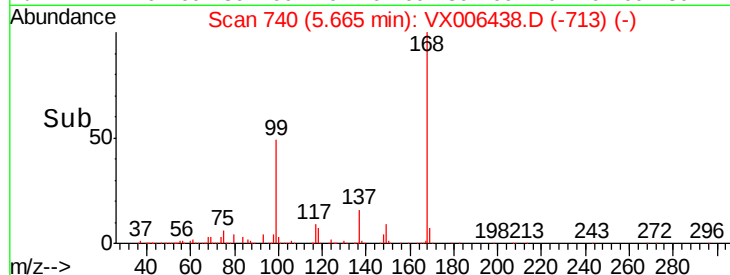
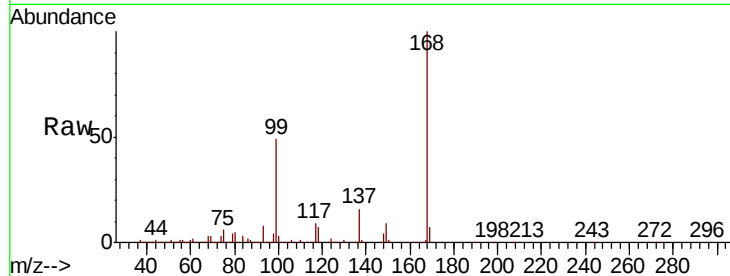
Tot Ion: 75 Resp: 47898

Ion Ratio Lower Upper

75 100

110 10.0 20.4 61.3#

77 0.4 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 6.058 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX006438.D

Acq: 12 Dec 2018 12:13

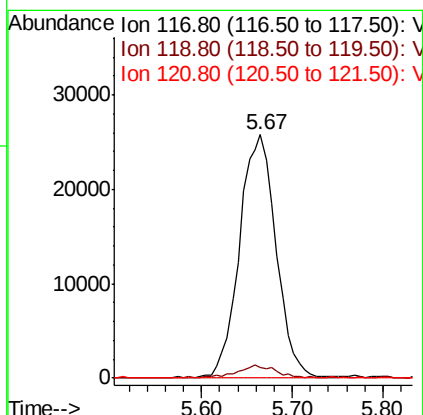
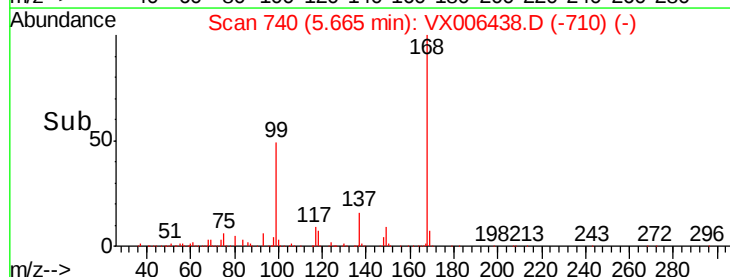
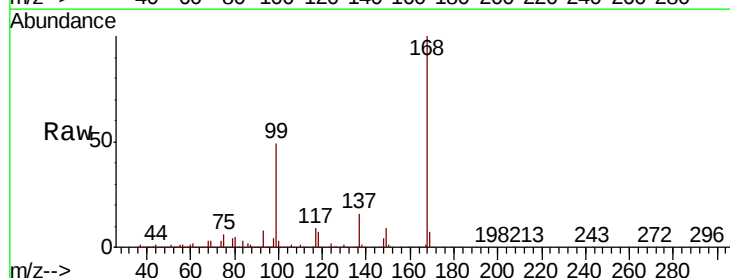
Tgt Ion: 117 Resp: 72032

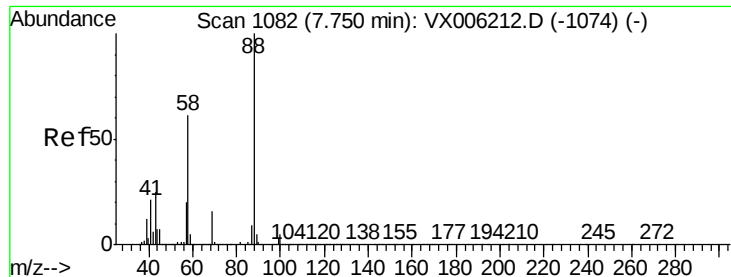
Ion Ratio Lower Upper

117 100

119 4.6 75.8 113.8#

121 0.0 24.6 37.0#





#49

1,4-Dioxane

Concen: 0.393 ug/l

RT: 7.73 min Scan# 1078

Delta R.T. -0.02 min

Lab File: VX006438.D

Acq: 12 Dec 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBL01

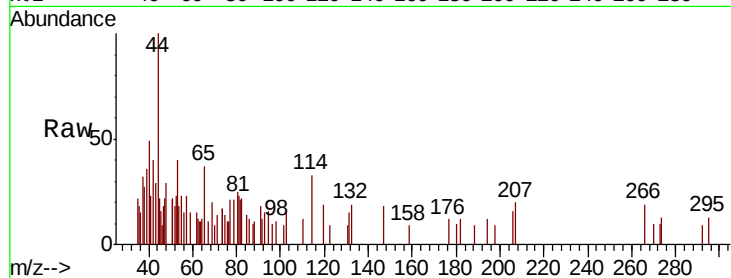
Tot Ion: 88 Resp: 89

Ion Ratio Lower Upper

88 100

43 0.0 23.2 34.8#

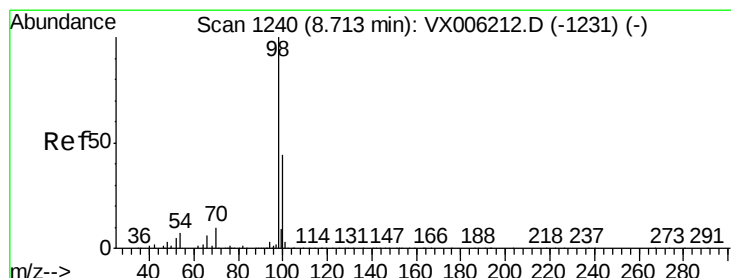
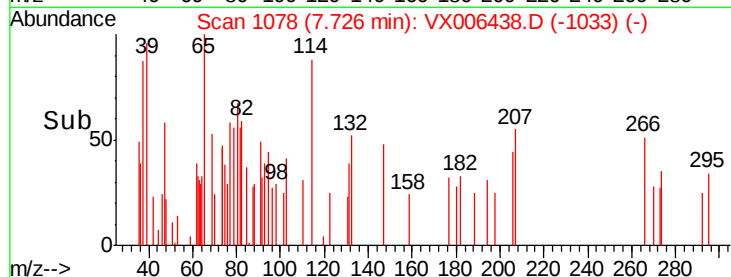
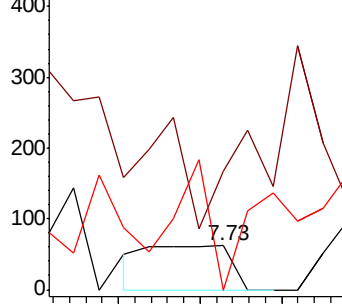
58 116.9 51.4 77.0#



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.081 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006438.D

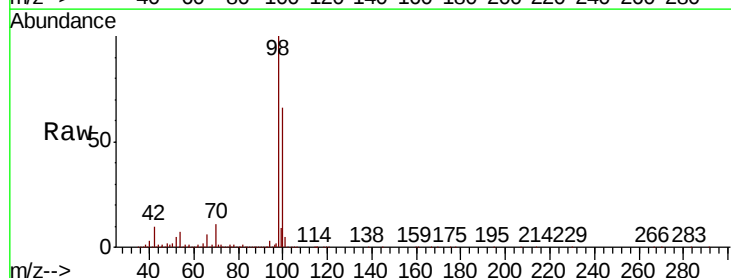
Acq: 12 Dec 2018 12:13

Tgt Ion: 98 Resp: 1387277

Ion Ratio Lower Upper

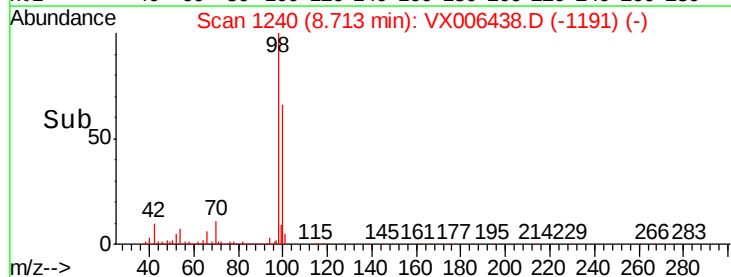
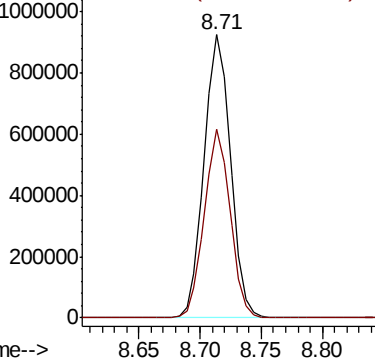
98 100

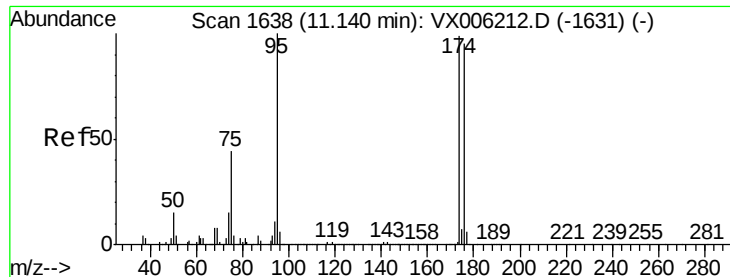
100 65.2 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 47.229 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006438.D

Acq: 12 Dec 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBL01

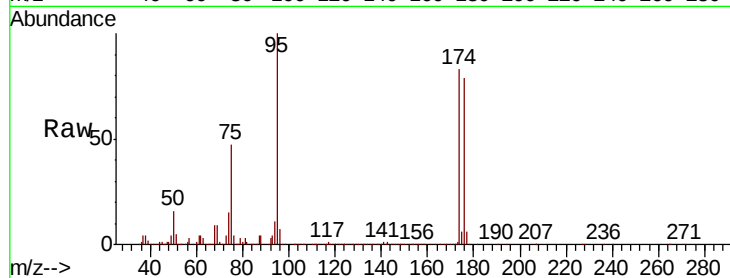
Tot Ion: 95 Resp: 503044

Ion Ratio Lower Upper

95 100

174 89.1 0.0 187.0

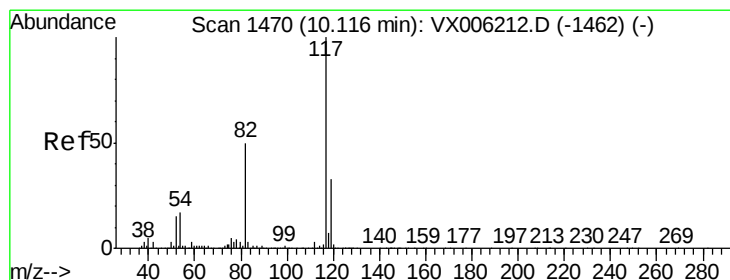
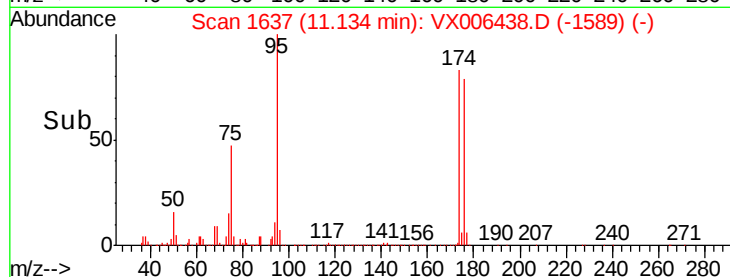
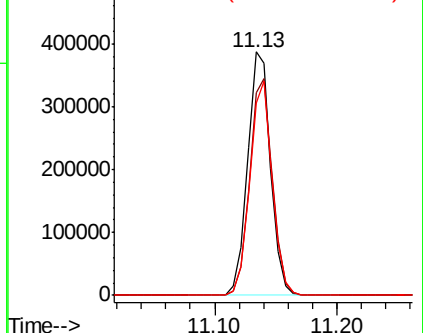
176 86.5 0.0 181.8



Abundance Ion 94.90 (94.60 to 95.60): VX006212.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX006212.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX006212.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX006438.D

Acq: 12 Dec 2018 12:13

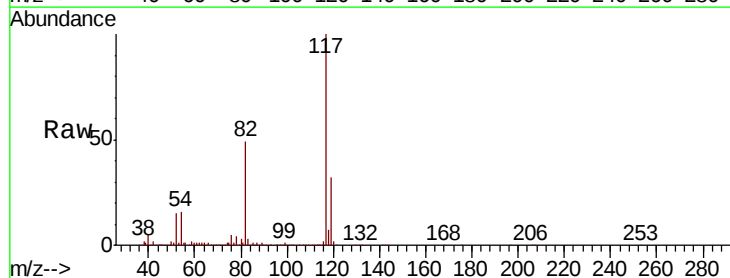
Tgt Ion: 117 Resp: 1071216

Ion Ratio Lower Upper

117 100

82 49.4 39.6 59.4

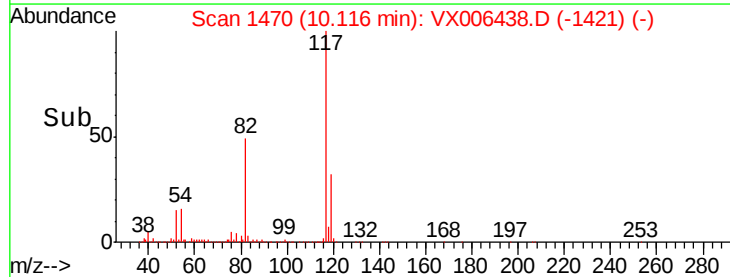
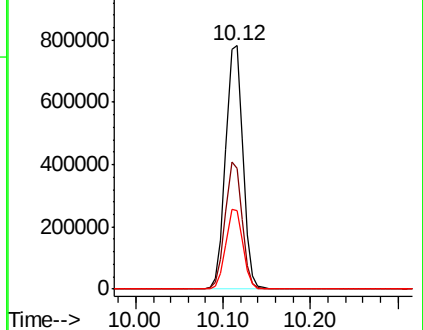
119 32.4 26.3 39.5

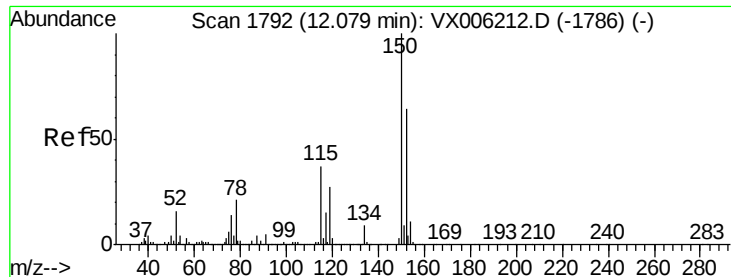


Abundance Ion 116.90 (116.60 to 117.60): VX006212.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX006212.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX006212.D (-1462) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006438.D

Acq: 12 Dec 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBL01

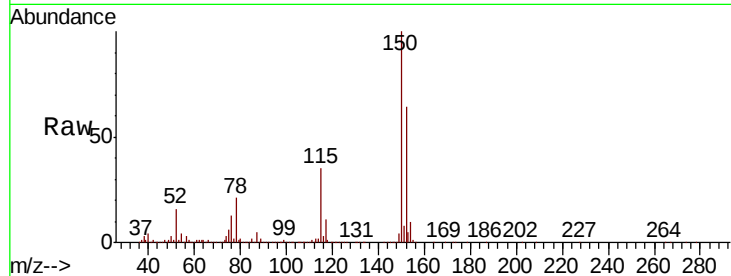
Tot Ion:152 Resp: 518000

Ion Ratio Lower Upper

152 100

115 56.2 39.0 116.9

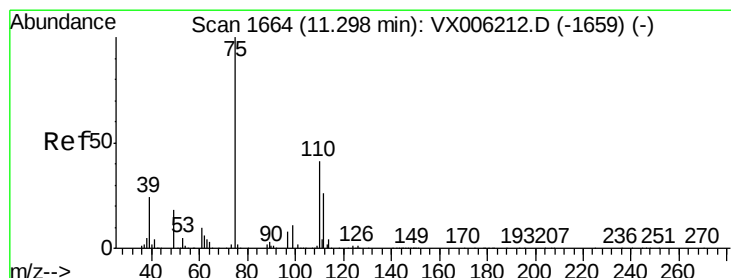
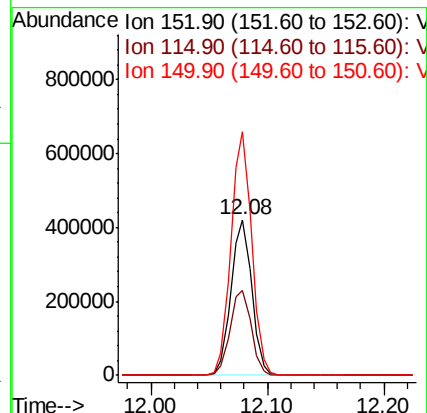
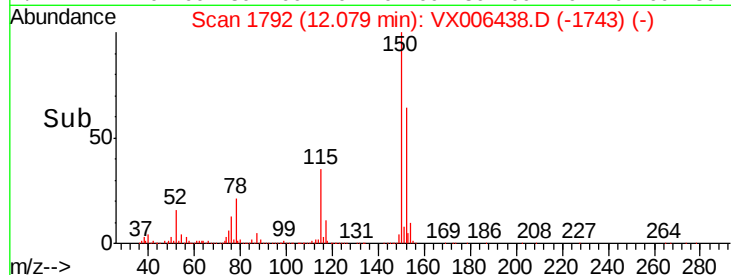
150 156.4 0.0 345.8



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: 22.979 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX006438.D

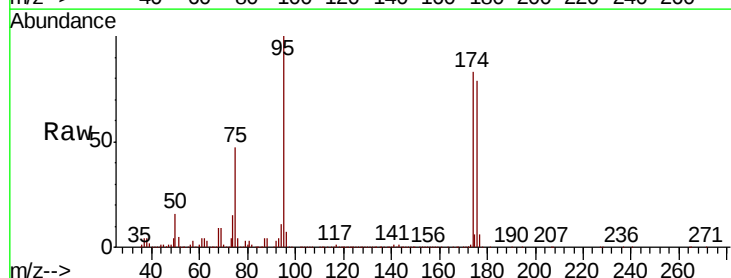
Acq: 12 Dec 2018 12:13

Tgt Ion: 75 Resp: 229754

Ion Ratio Lower Upper

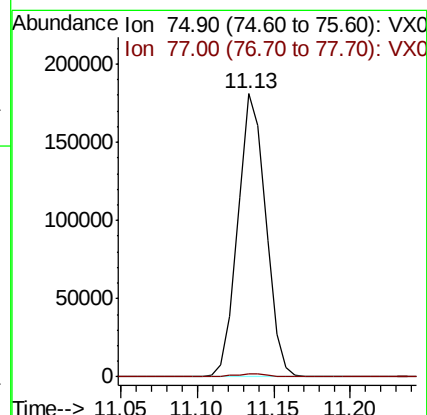
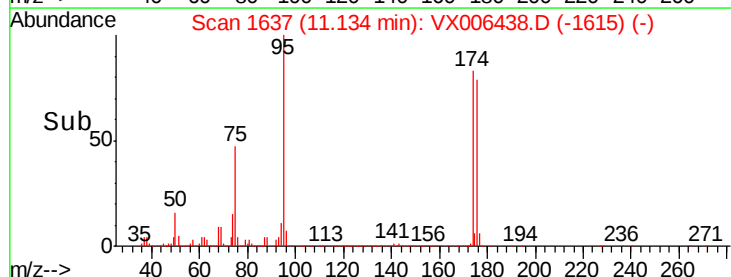
75 100

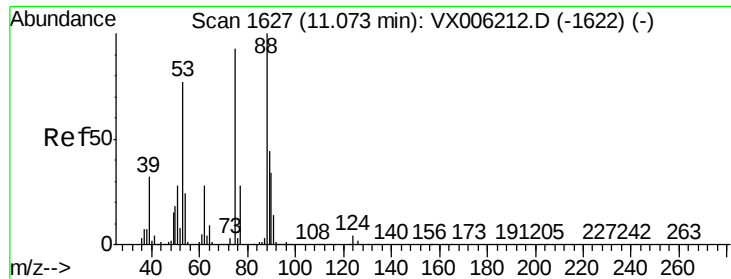
77 1.4 19.9 59.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 53.926 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006438.D

Acq: 12 Dec 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBL01

Tot Ion: 75 Resp: 229754

Ion Ratio Lower Upper

75 100

53 0.2 64.4 96.6#

89 0.0 44.2 66.4#

