

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011119\
 Data File : VX007006.D
 Acq On : 11 Jan 2019 11:57
 Operator : JC/MD
 Sample : VX0111MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0111MBL01

Quant Time: Jan 11 13:03:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	588685	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	905967	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	861529	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	422402	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	316256	51.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.80%	
35) Dibromofluoromethane	5.51	113	279421	48.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.32%	
50) Toluene-d8	8.71	98	1086343	51.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.32%	
62) 4-Bromofluorobenzene	11.13	95	393633	53.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.34%	

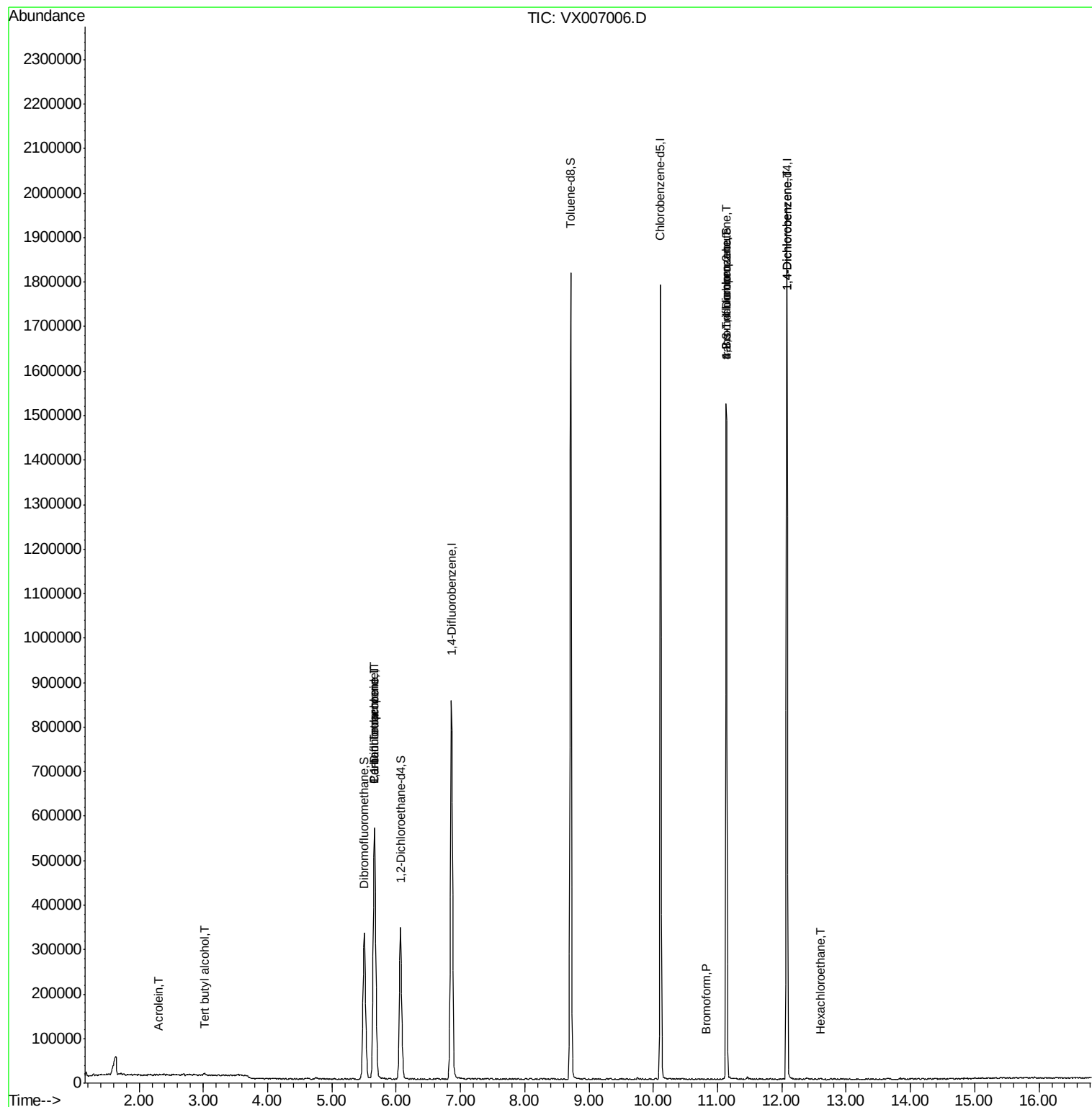
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.01	59	2503	1.725	ug/l	96
13) Acrolein	2.29	56	386	3.693	ug/l #	55
20) Methylene Chloride	2.86	84	2118	Below Cal	#	60
36) 1,1-Dichloropropene	5.67	75	38039	4.829	ug/l #	49
38) Carbon Tetrachloride	5.66	117	54376	6.861	ug/l #	16
49) 1,4-Dioxane	7.77	88	97	Below Cal	#	1
71) Bromoform	10.82	173	121	4.747	ug/l #	28
76) 1,2,3-Trichloropropane	11.13	75	185752	21.701	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.13	75	185752	64.317	ug/l #	10
88) 1,4-Dichlorobenzene	12.08	146	938	0.211	ug/l #	1
90) Hexachloroethane	12.61	117	91	2.928	ug/l #	6

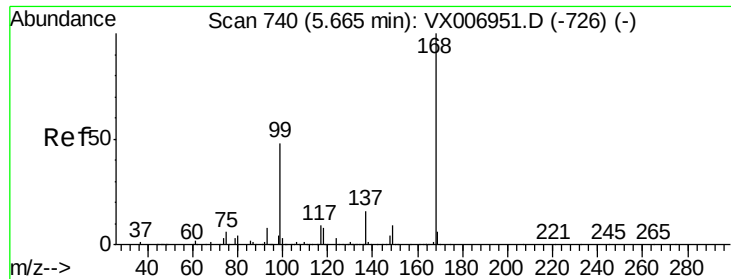
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX011119\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX007006.D

Acq: 11 Jan 2019 11:57

Instrument :

MSVOA_X

ClientSampleId :

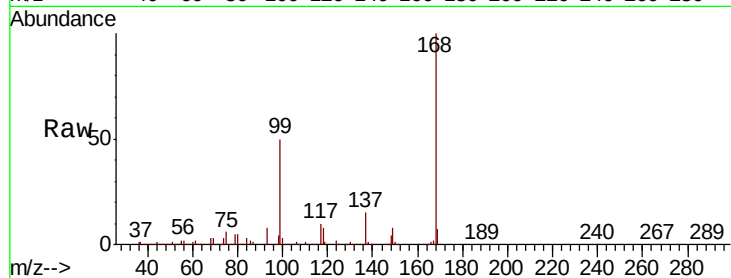
VX0111MBL01

Tgt Ion:168 Resp: 588685

Ion Ratio Lower Upper

168 100

99 50.2 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

200000

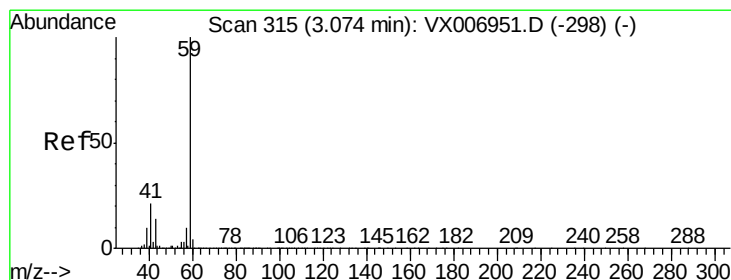
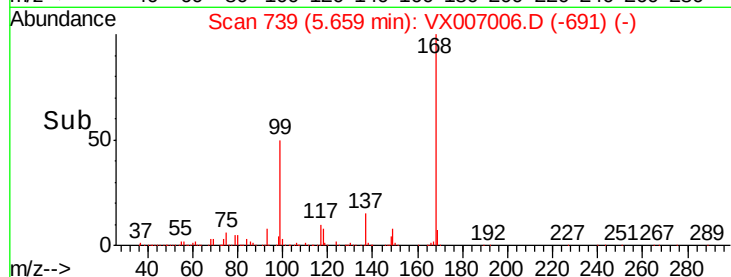
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.725 ug/l

RT: 3.01 min Scan# 305

Delta R.T. -0.06 min

Lab File: VX007006.D

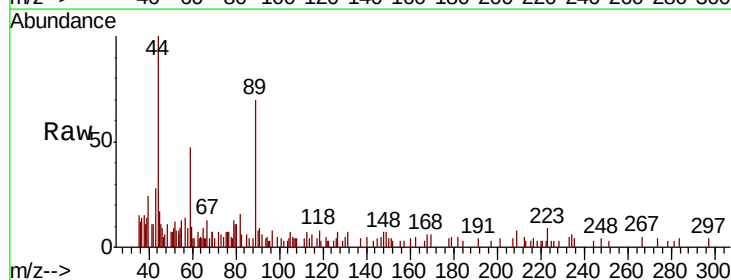
Acq: 11 Jan 2019 11:57

Tgt Ion: 59 Resp: 2503

Ion Ratio Lower Upper

59 100

57 8.9 8.5 12.7



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.01

1000

800

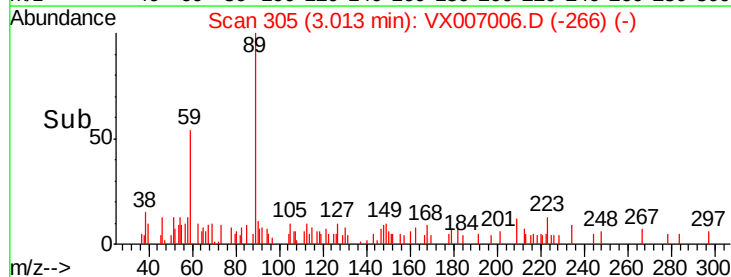
600

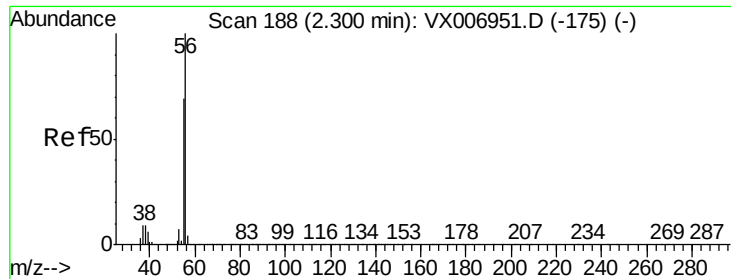
400

200

0

Time-->





#13

Acrolein

Concen: 3.693 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX007006.D

Acq: 11 Jan 2019 11:57

Instrument :

MSVOA_X

ClientSampled :

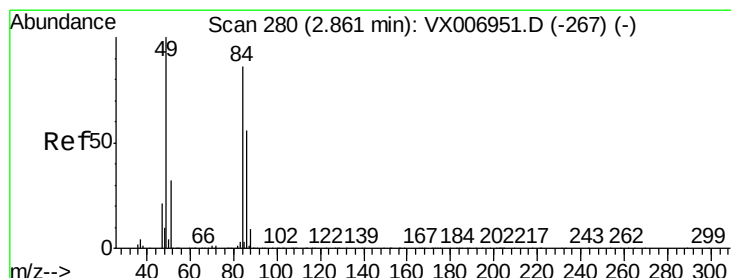
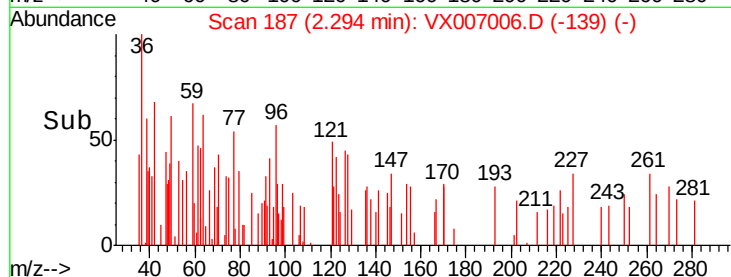
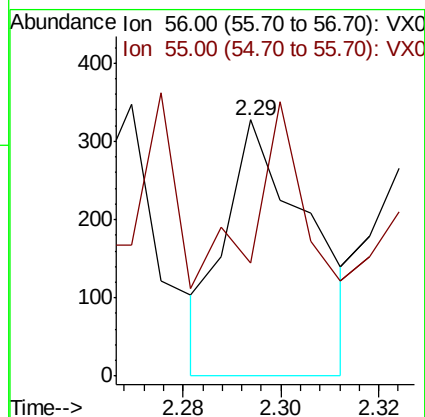
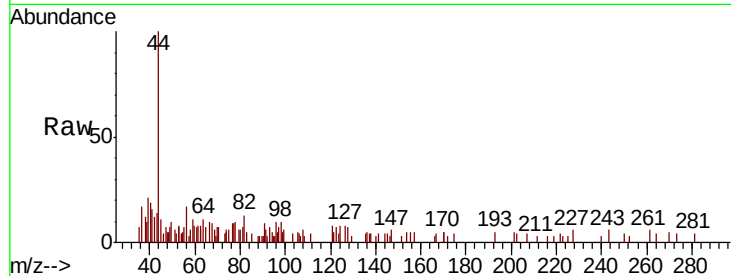
VX0111MBL01

Tgt Ion: 56 Resp: 386

Ion Ratio Lower Upper

56 100

55 35.2 58.2 87.4#



#20

Methylene Chloride

Concen: Below Cal

RT: 2.86 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX007006.D

Acq: 11 Jan 2019 11:57

Tgt Ion: 84 Resp: 2118

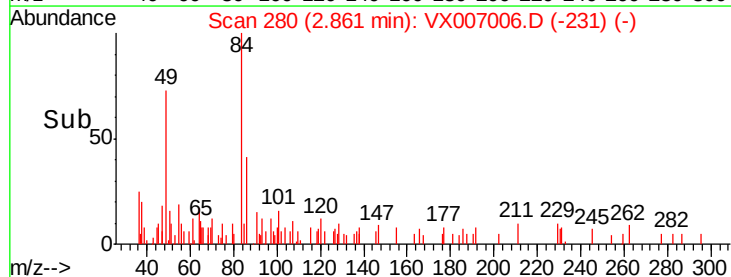
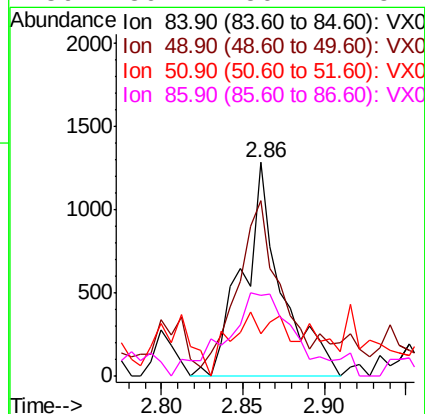
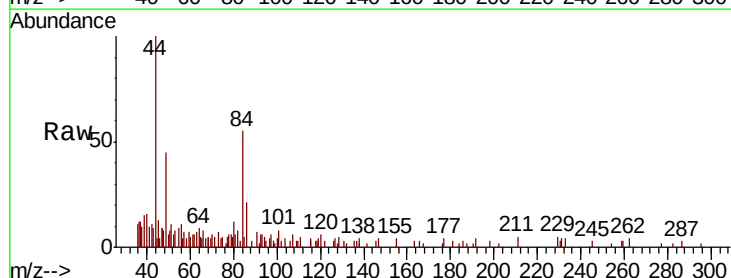
Ion Ratio Lower Upper

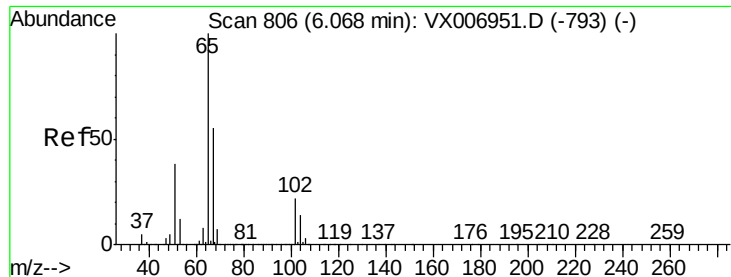
84 100

49 74.5 91.8 137.6#

51 8.3 28.5 42.7#

86 30.2 50.2 75.2#

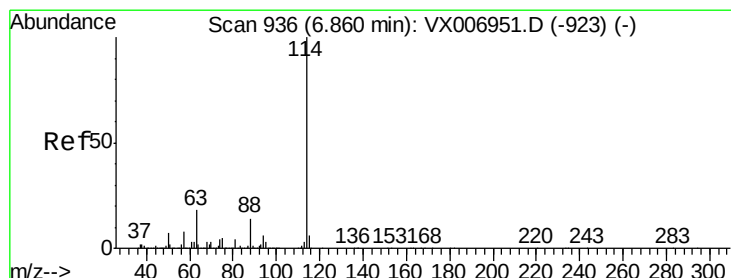
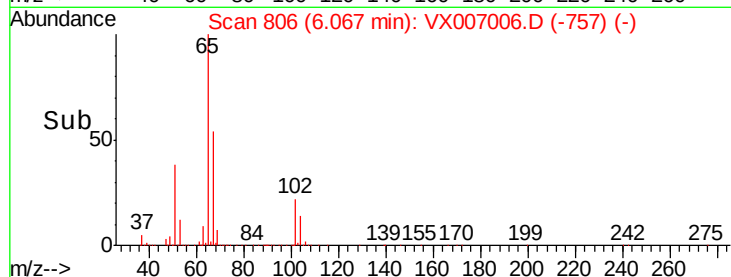
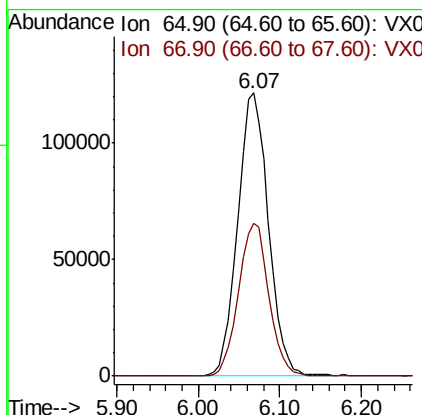
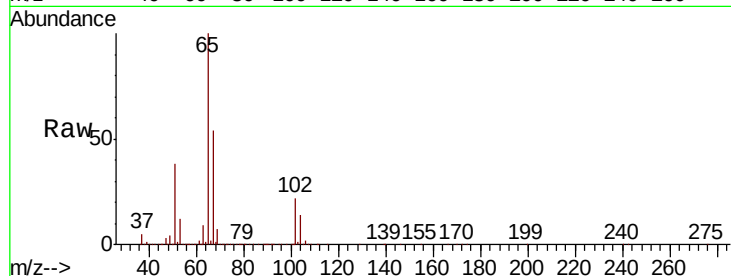




#33
 1,2-Dichloroethane-d4
 Concen: 51.405 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007006.D
 Acq: 11 Jan 2019 11:57

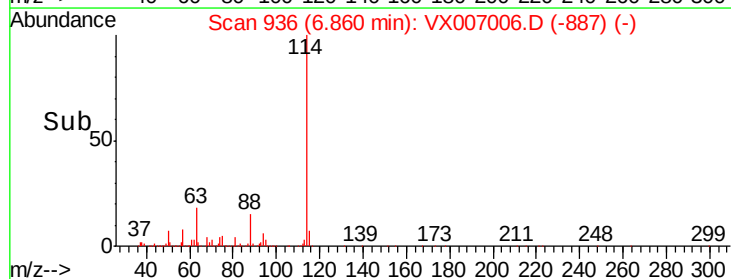
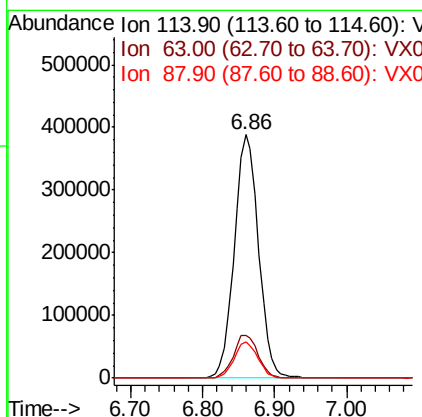
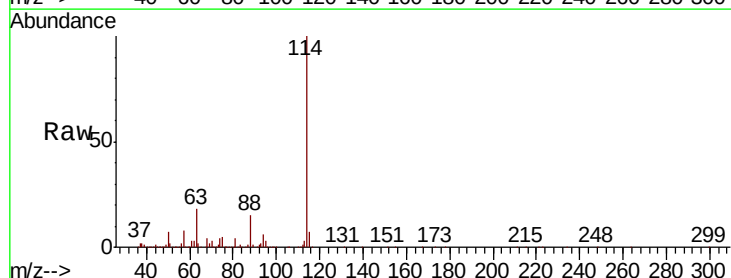
Instrument :
 MSVOA_X
 ClientSampled :
 VX0111MBL01

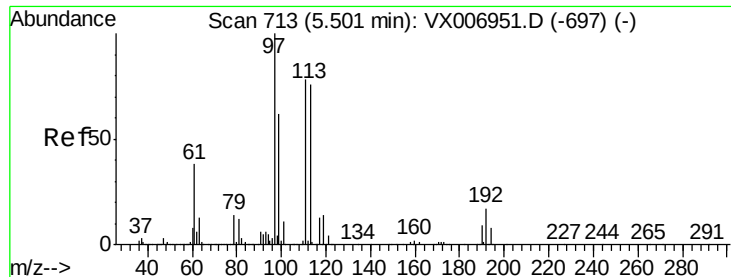
Tgt Ion: 65 Resp: 316256
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007006.D
 Acq: 11 Jan 2019 11:57

Tgt Ion: 114 Resp: 905967
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 34.8
 88 15.0 0.0 28.8





#35

Dibromofluoromethane

Concen: 48.161 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007006.D

Acq: 11 Jan 2019 11:57

Instrument :

MSVOA_X

ClientSampled :

VX0111MBL01

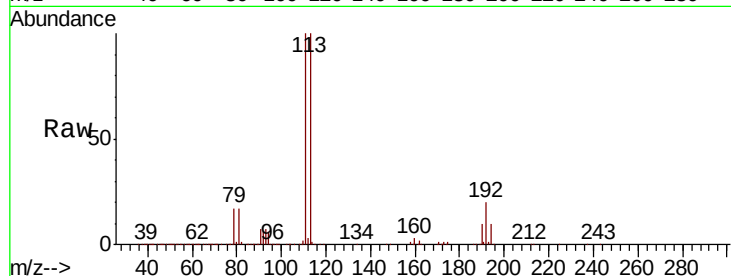
Tgt Ion:113 Resp: 279421

Ion Ratio Lower Upper

113 100

111 102.2 81.6 122.4

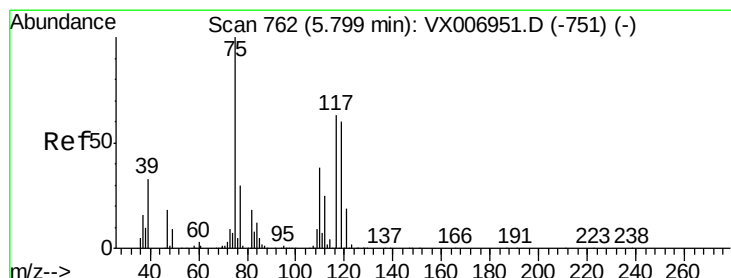
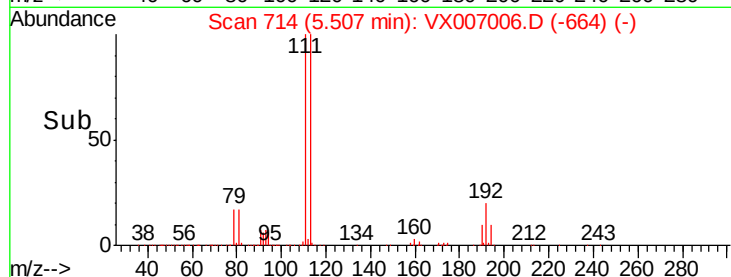
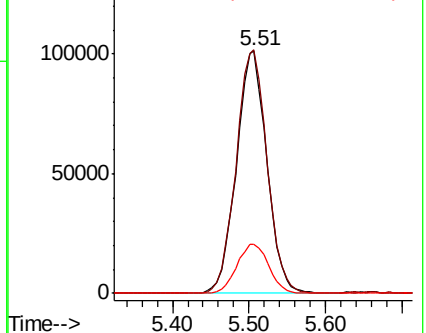
192 21.4 16.7 25.1



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: 4.829 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX007006.D

Acq: 11 Jan 2019 11:57

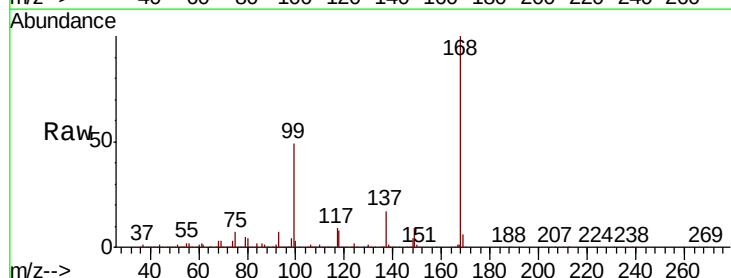
Tgt Ion: 75 Resp: 38039

Ion Ratio Lower Upper

75 100

110 10.9 20.2 60.5#

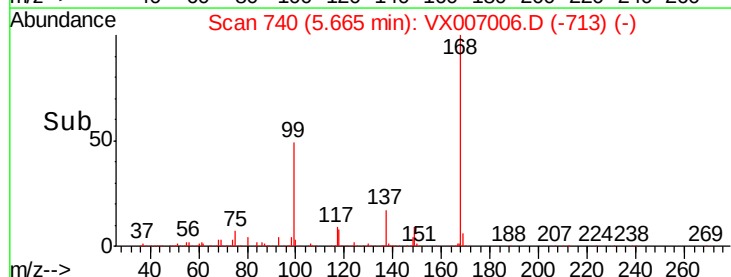
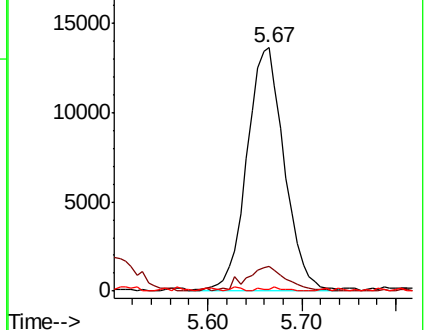
77 0.9 24.8 37.2#

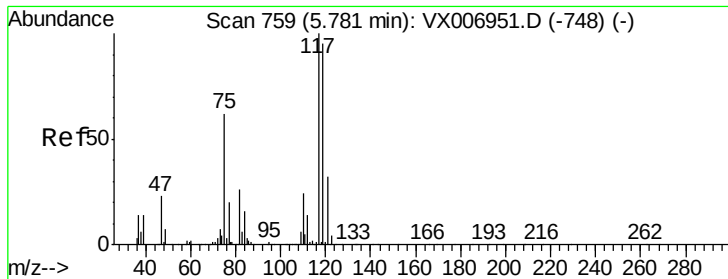


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.861 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX007006.D

Acq: 11 Jan 2019 11:57

Instrument :

MSVOA_X

ClientSampled :

VX0111MBL01

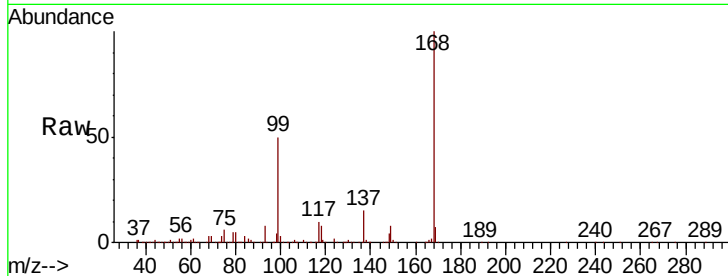
Tgt Ion:117 Resp: 54376

Ion Ratio Lower Upper

117 100

119 7.1 79.4 119.2#

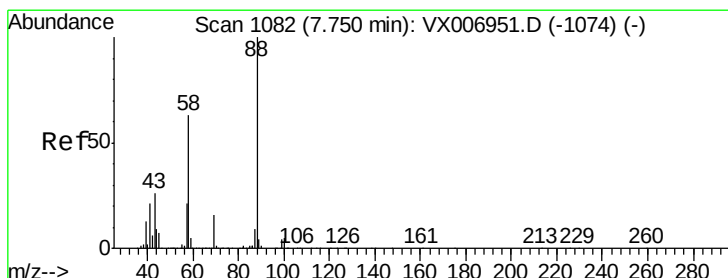
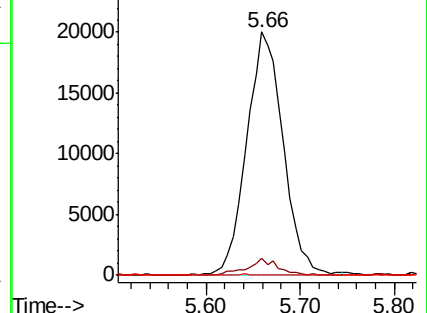
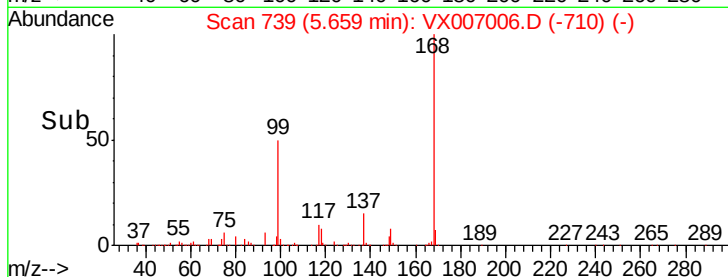
121 0.0 24.0 36.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#49

1,4-Dioxane

Concen: Below Cal

RT: 7.77 min Scan# 1086

Delta R.T. 0.02 min

Lab File: VX007006.D

Acq: 11 Jan 2019 11:57

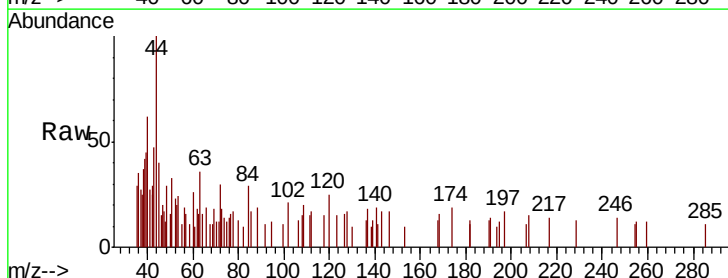
Tgt Ion: 88 Resp: 97

Ion Ratio Lower Upper

88 100

43 307.2 22.2 33.4#

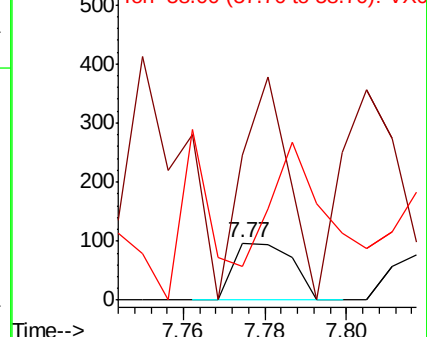
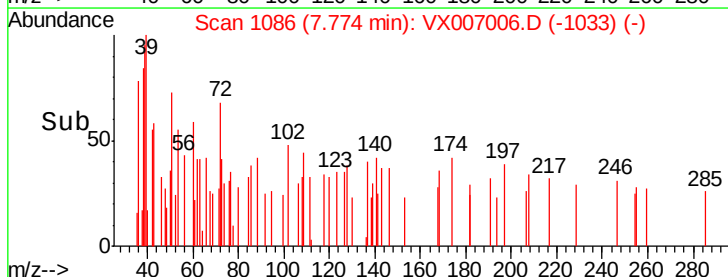
58 195.9 51.0 76.4#

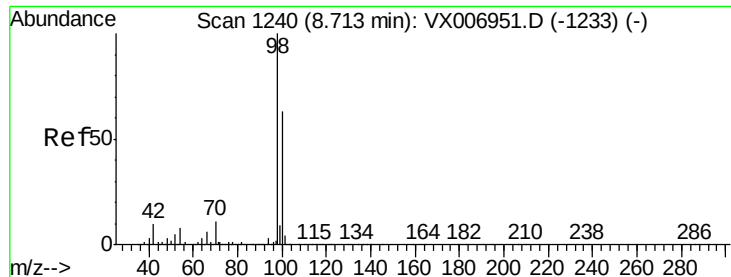


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 51.155 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007006.D

Acq: 11 Jan 2019 11:57

Instrument :

MSVOA_X

ClientSampleId :

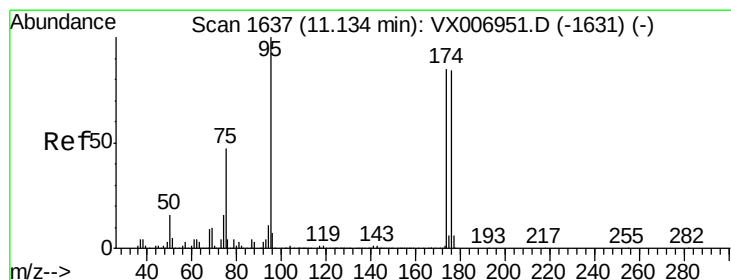
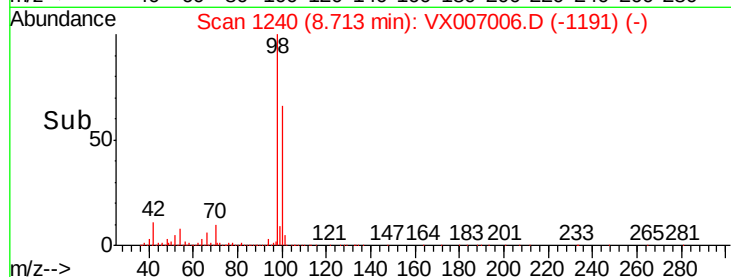
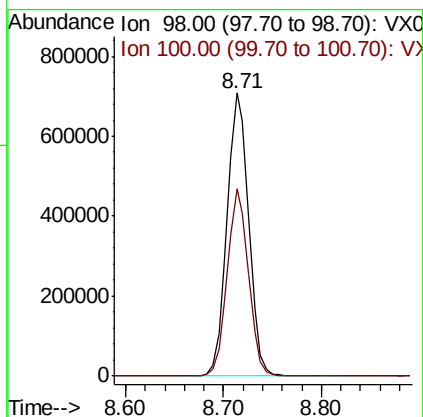
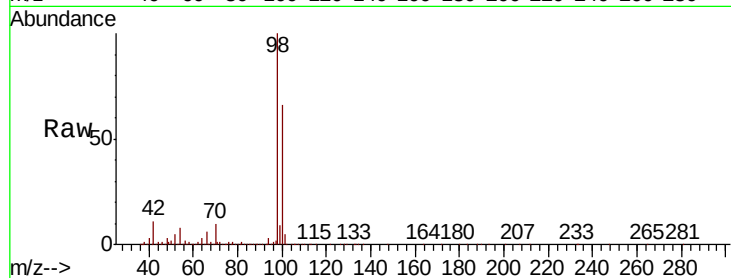
VX0111MBL01

Tgt Ion: 98 Resp: 1086343

Ion Ratio Lower Upper

98 100

100 65.0 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 53.169 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007006.D

Acq: 11 Jan 2019 11:57

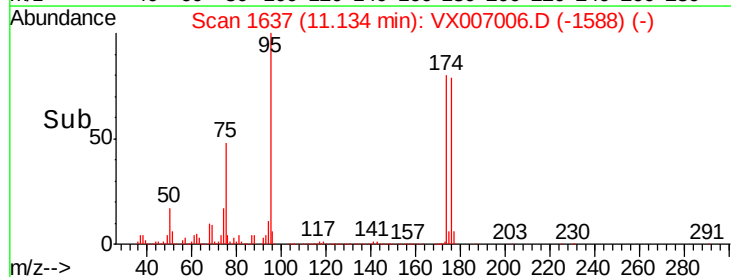
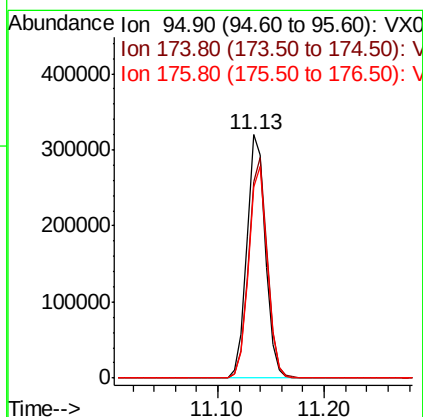
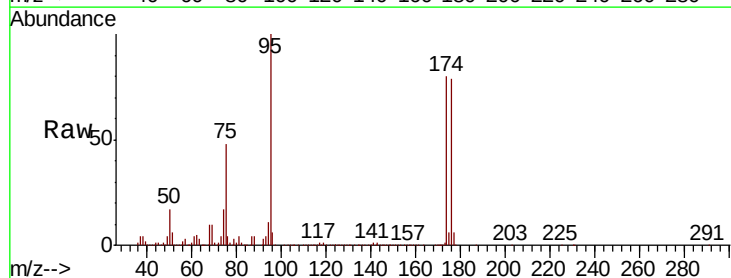
Tgt Ion: 95 Resp: 393633

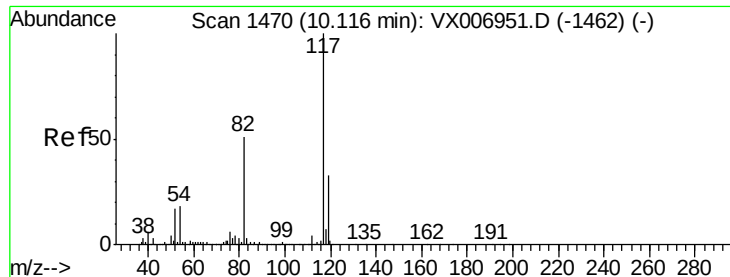
Ion Ratio Lower Upper

95 100

174 90.9 0.0 182.2

176 87.9 0.0 178.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX007006.D

Acq: 11 Jan 2019 11:57

Instrument :

MSVOA_X

ClientSampleId :

VX0111MBL01

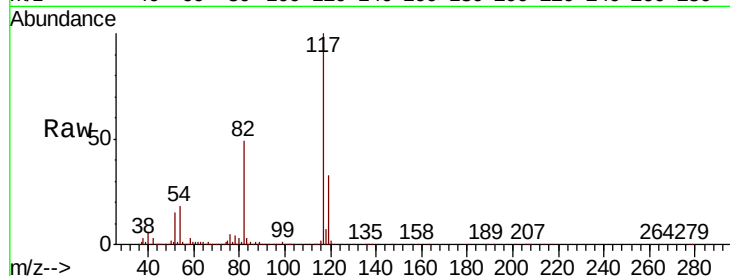
Tgt Ion:117 Resp: 861529

Ion Ratio Lower Upper

117 100

82 49.2 41.0 61.6

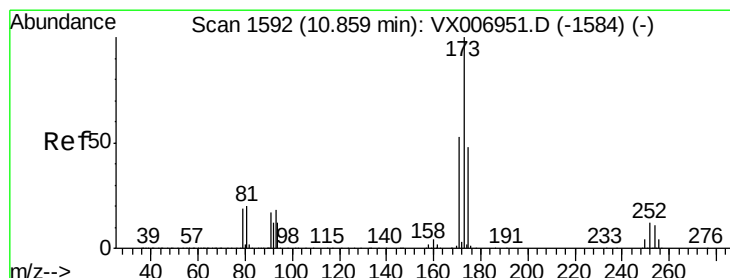
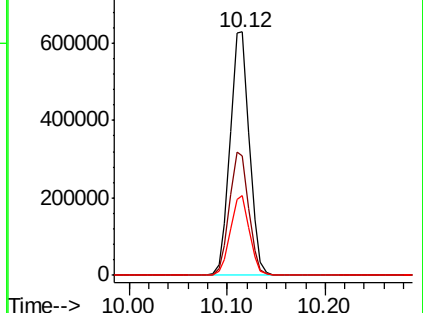
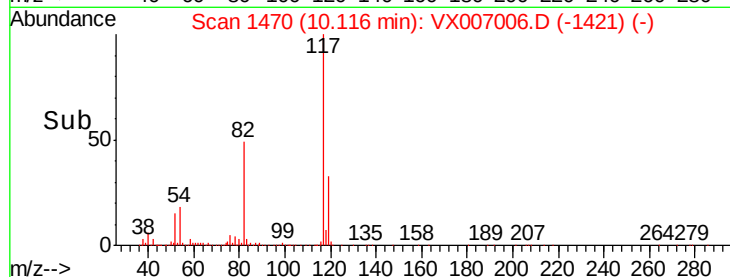
119 32.6 25.4 38.0



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



#71

Bromoform

Concen: 4.747 ug/l

RT: 10.82 min Scan# 1585

Delta R.T. -0.04 min

Lab File: VX007006.D

Acq: 11 Jan 2019 11:57

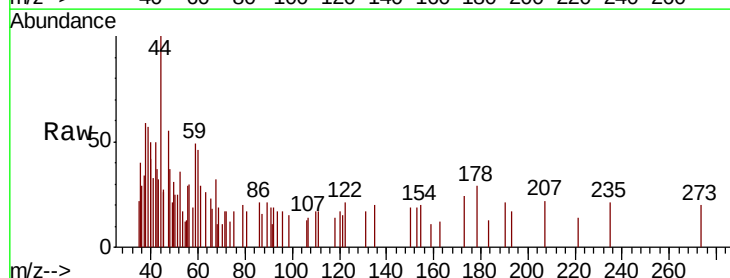
Tgt Ion:173 Resp: 121

Ion Ratio Lower Upper

173 100

175 0.0 24.7 74.1#

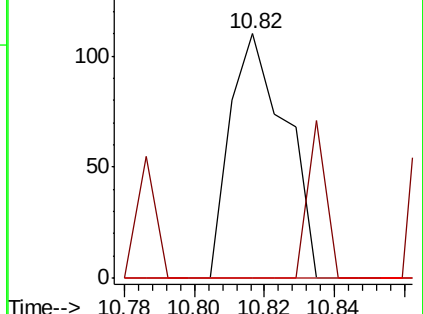
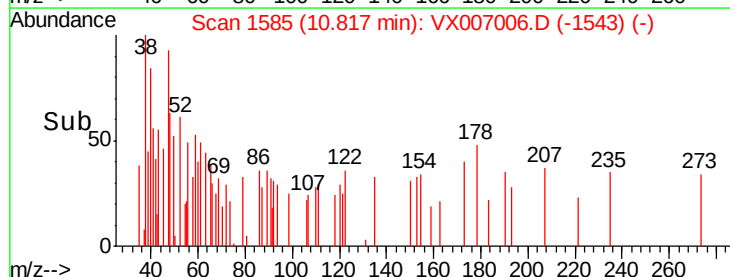
254 0.0 0.2 0.2#

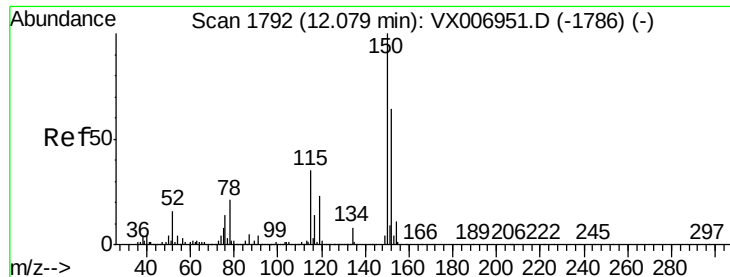


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V

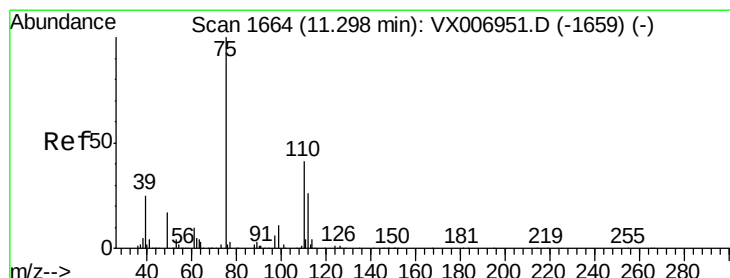
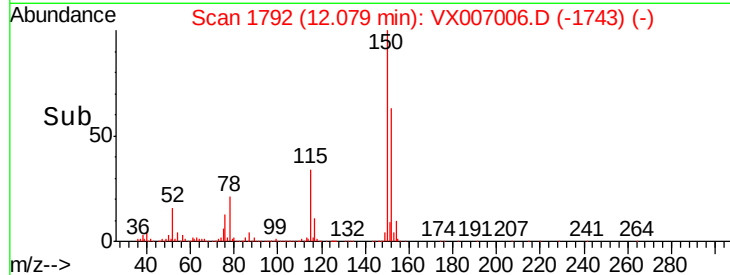
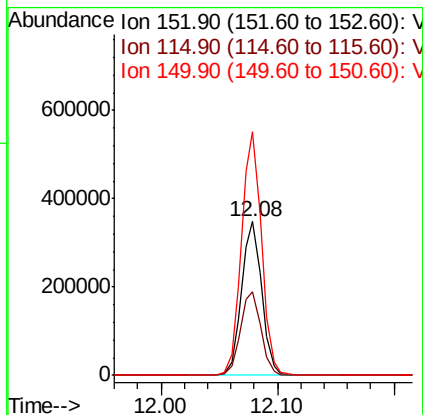
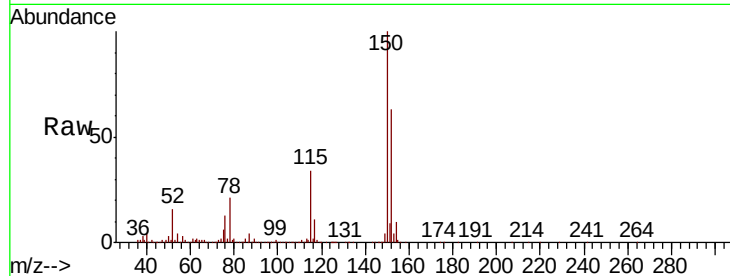




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX007006.D
 Acq: 11 Jan 2019 11:57

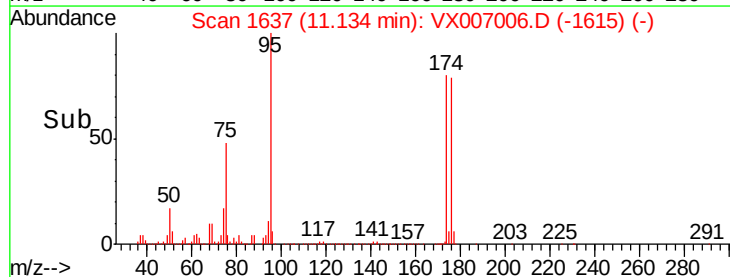
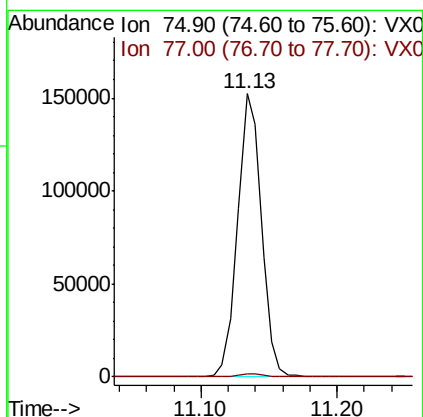
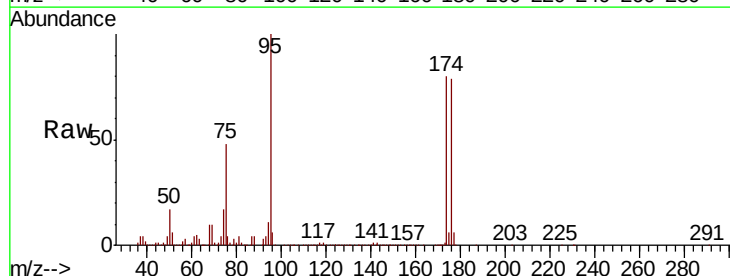
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0111MBL01

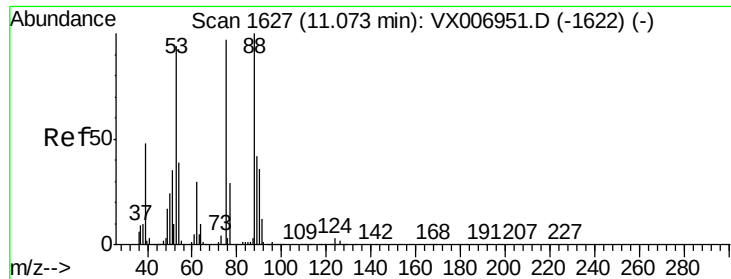
Tgt Ion: 152 Resp: 422402
 Ion Ratio Lower Upper
 152 100
 115 55.3 39.1 117.2
 150 157.0 0.0 344.8



#76
 1,2,3-Trichloropropane
 Concen: 21.701 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX007006.D
 Acq: 11 Jan 2019 11:57

Tgt Ion: 75 Resp: 185752
 Ion Ratio Lower Upper
 75 100
 77 1.3 18.5 55.5#





#81

trans-1,4-Dichloro-2-butene

Concen: 64.317 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX007006.D

Acq: 11 Jan 2019 11:57

Instrument :

MSVOA_X

ClientSampleId :

VX011MBL01

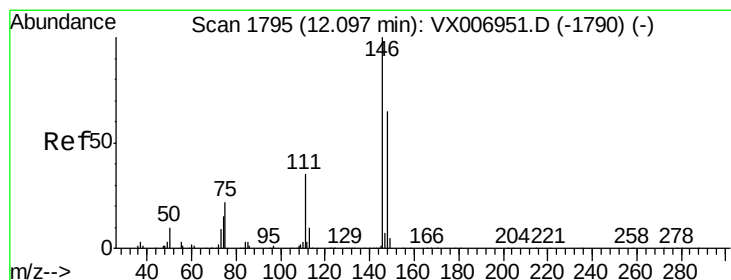
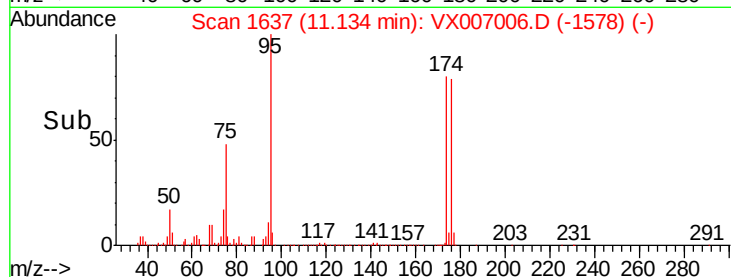
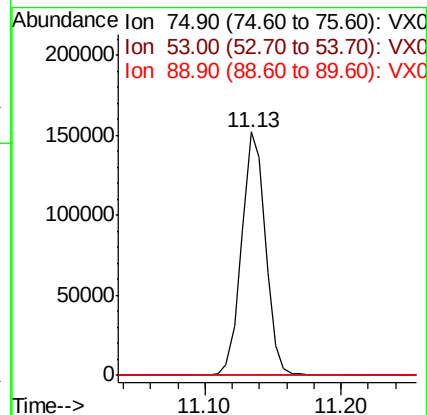
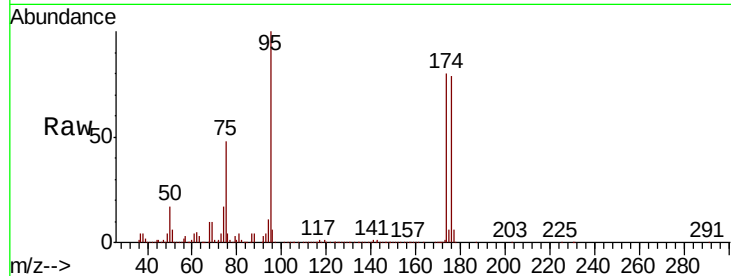
Tgt Ion: 75 Resp: 185752

Ion Ratio Lower Upper

75 100

53 0.0 79.7 119.5#

89 0.0 38.0 57.0#



#88

1,4-Dichlorobenzene

Concen: 0.211 ug/l

RT: 12.08 min Scan# 1793

Delta R.T. -0.01 min

Lab File: VX007006.D

Acq: 11 Jan 2019 11:57

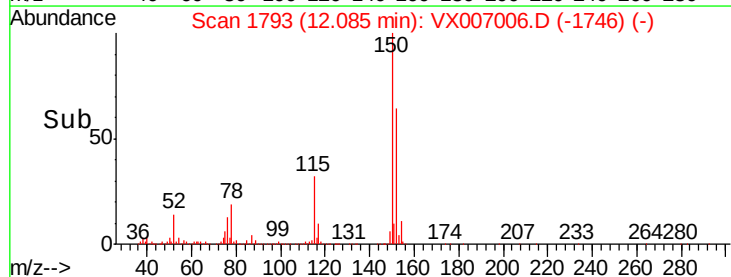
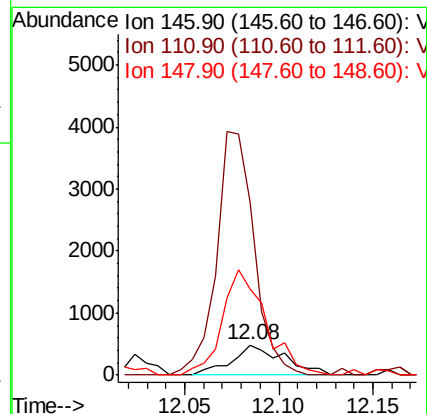
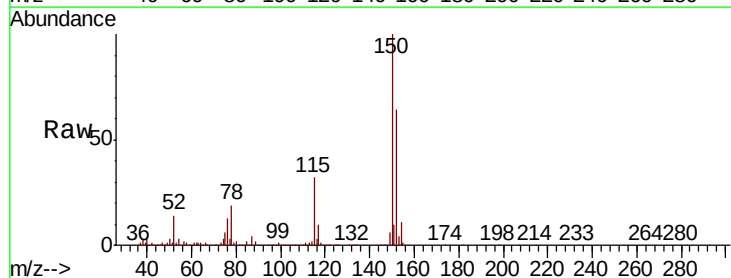
Tgt Ion: 146 Resp: 938

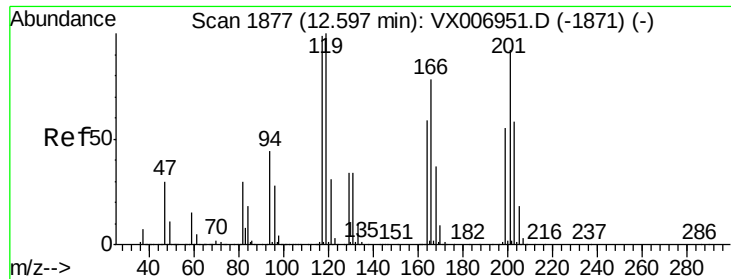
Ion Ratio Lower Upper

146 100

111 580.1 18.1 54.1#

148 290.9 31.9 95.9#





#90

Hexachloroethane

Concen: 2.928 ug/l

RT: 12.61 min Scan# 1879

Delta R.T. 0.01 min

Lab File: VX007006.D

Acq: 11 Jan 2019 11:57

Instrument :

MSVOA_X

ClientSampleId :

VX0111MBL01

Tgt Ion:117 Resp: 91

Ion Ratio Lower Upper

117 100

201 0.0 42.9 128.7#

