

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121218\
 Data File : VX006439.D
 Acq On : 12 Dec 2018 12:39
 Operator : JC/MD
 Sample : VX1212MBL01
 Misc : 5.00µ/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212MBL01

Quant Time: Dec 13 06:05:40 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

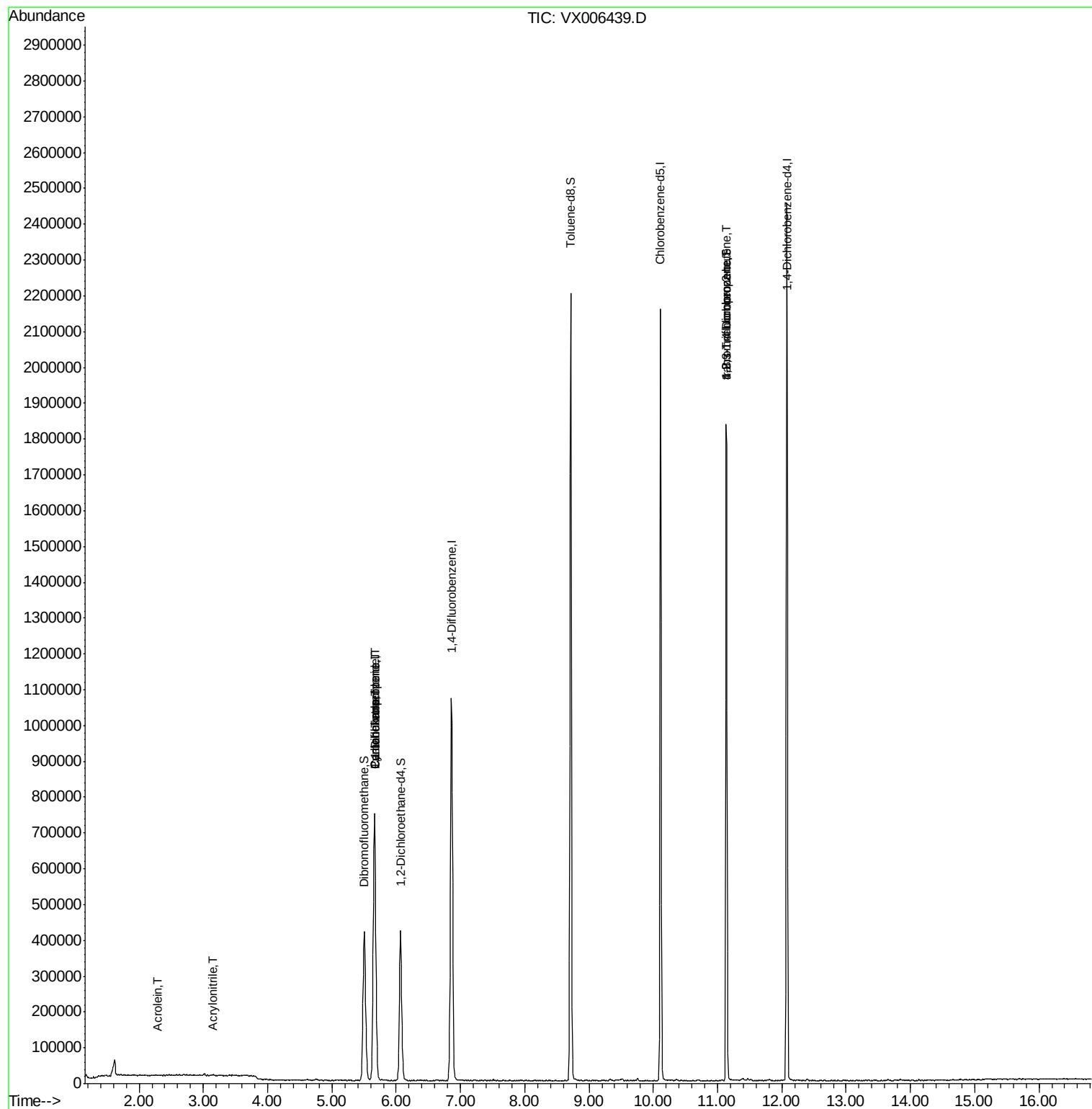
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	772695	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1174798	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1062624	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	518923	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	390892	49.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.12%	
35) Dibromofluoromethane	5.50	113	358118	47.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.16%	
50) Toluene-d8	8.71	98	1364306	49.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.62%	
62) 4-Bromofluorobenzene	11.13	95	509460	48.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.72%	
Target Compounds						
					Qvalue	
13) Acrolein	2.29	56	281	0.238	ug/l #	13
15) Acrylonitrile	3.15	53	1287	0.286	ug/l #	69
31) Cyclohexane	5.66	56	12298	1.079	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	48260	4.878	ug/l #	48
38) Carbon Tetrachloride	5.67	117	72906	6.264	ug/l #	16
76) 1,2,3-Trichloropropane	11.13	75	232770	23.240	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.13	75	232770	54.537	ug/l #	15

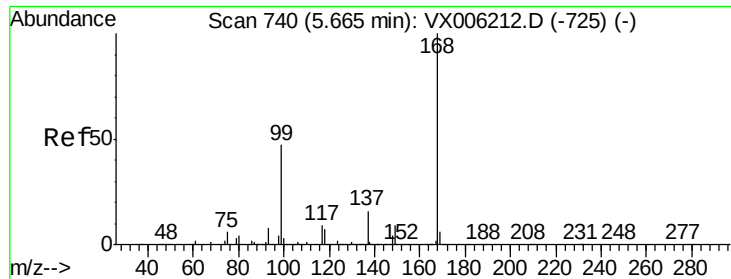
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121218\
Data File : VX006439.D
Acq On : 12 Dec 2018 12:39
Operator : JC/MD
Sample : VX1212MBL01
Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1212MBL01

Quant Time: Dec 13 06:05:40 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: VX006439.D

Acq: 12 Dec 2018 12:39

Instrument :

MSVOA_X

ClientSampleId :

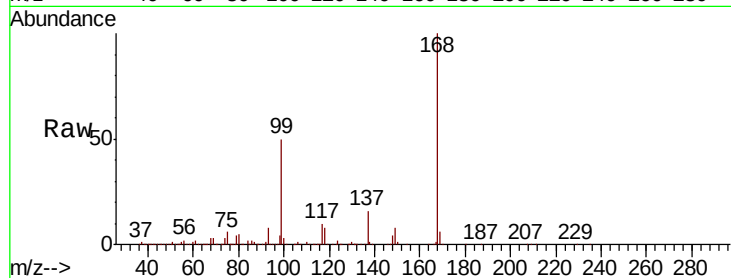
VX1212MBL01

Tot Ion:168 Resp: 772695

Ion Ratio Lower Upper

168 100

99 50.1 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

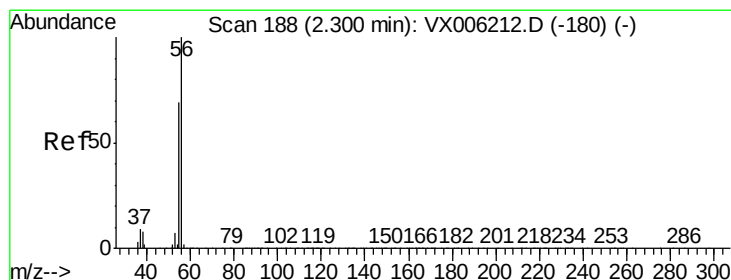
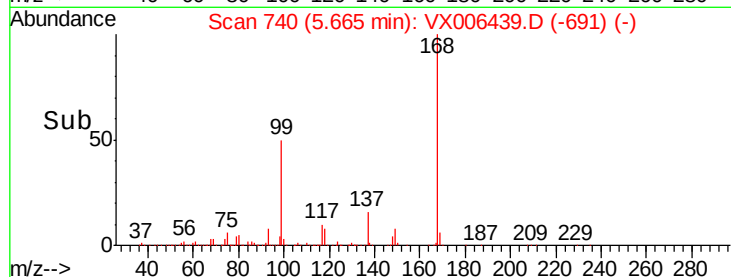
150000

100000

50000

0

Time-->



#13

Acrolein

Concen: 0.238 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX006439.D

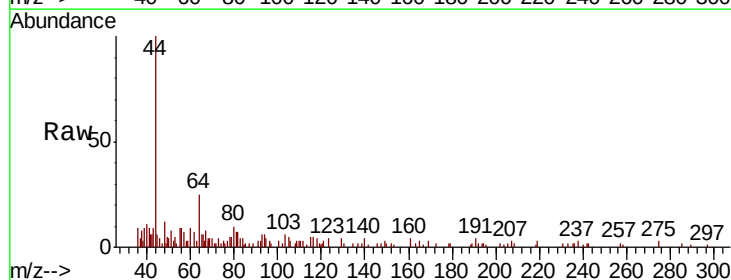
Acq: 12 Dec 2018 12:39

Tgt Ion: 56 Resp: 281

Ion Ratio Lower Upper

56 100

55 0.0 57.8 86.6#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

500

400

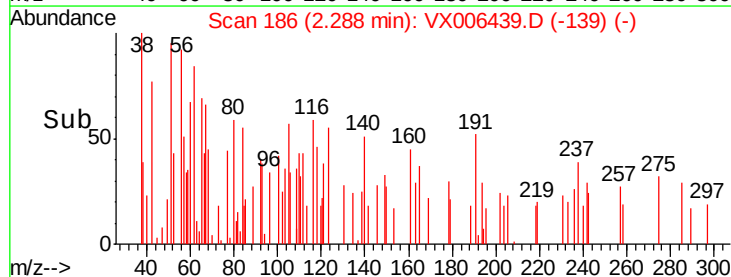
300

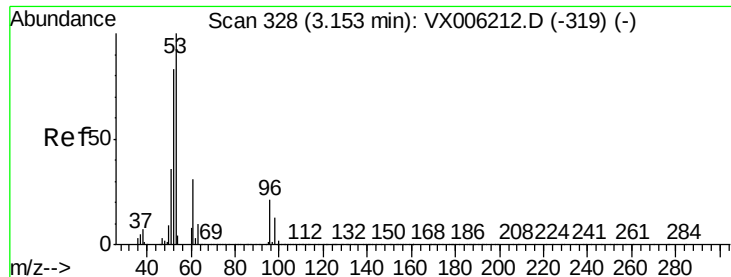
200

100

0

Time-->





#15

Acrylonitrile

Concen: 0.286 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX006439.D

Acq: 12 Dec 2018 12:39

Instrument :

MSVOA_X

ClientSampleId :

VX1212MBL01

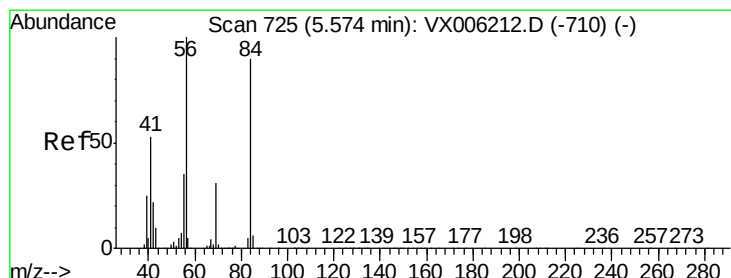
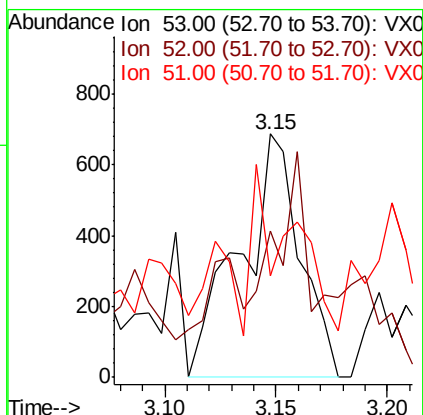
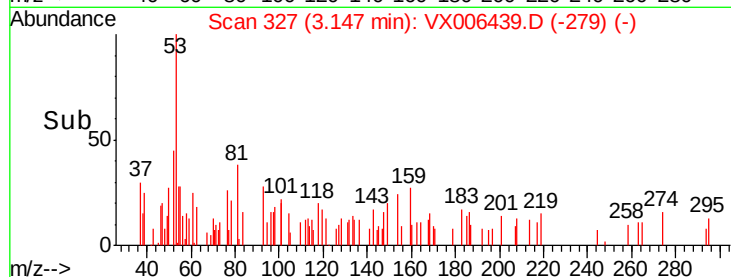
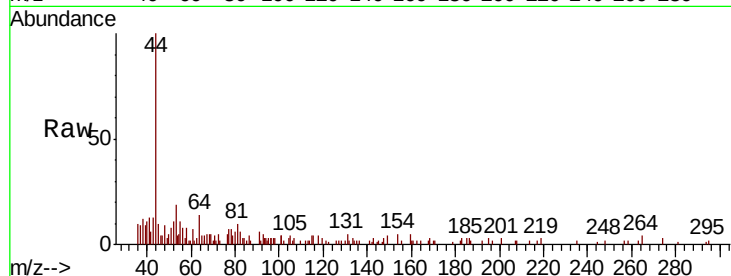
Tot Ion: 53 Resp: 1287

Ion Ratio Lower Upper

53 100

52 48.7 66.2 99.4#

51 26.6 28.7 43.1#



#31

Cyclohexane

Concen: 1.079 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.09 min

Lab File: VX006439.D

Acq: 12 Dec 2018 12:39

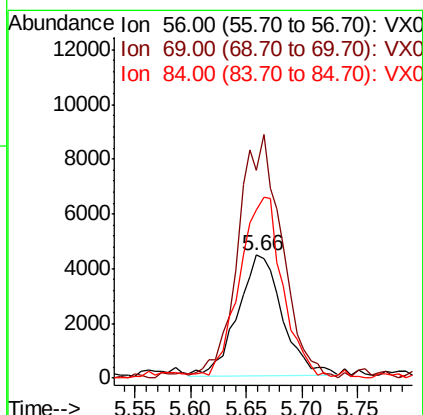
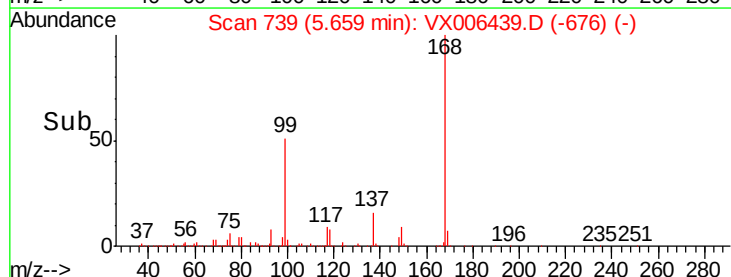
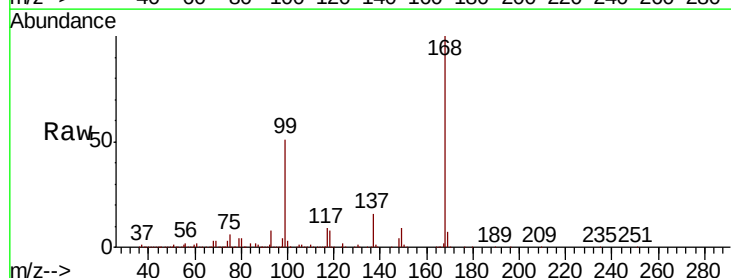
Tgt Ion: 56 Resp: 12298

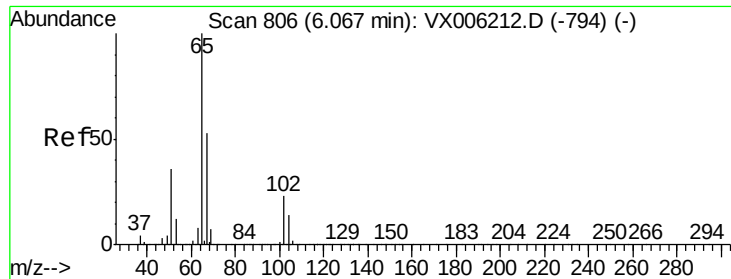
Ion Ratio Lower Upper

56 100

69 173.9 24.5 36.7#

84 138.5 71.8 107.6#

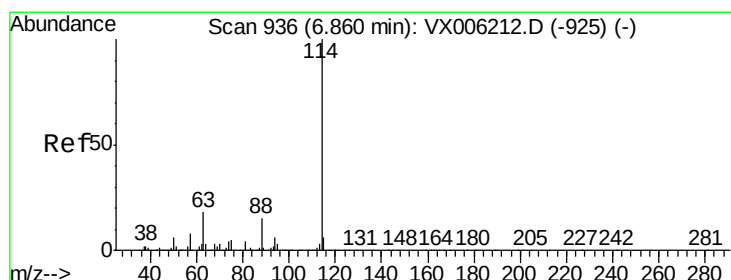
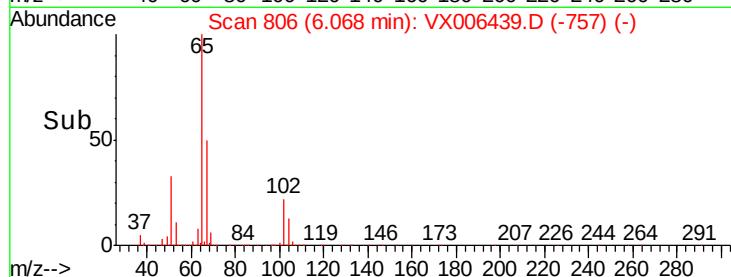
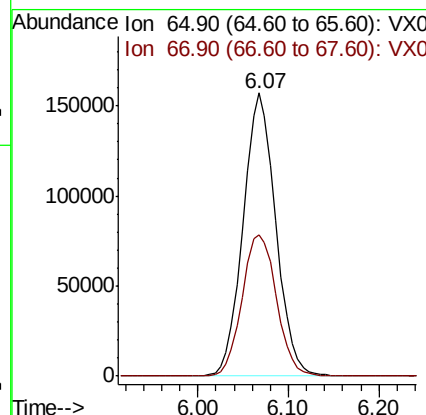
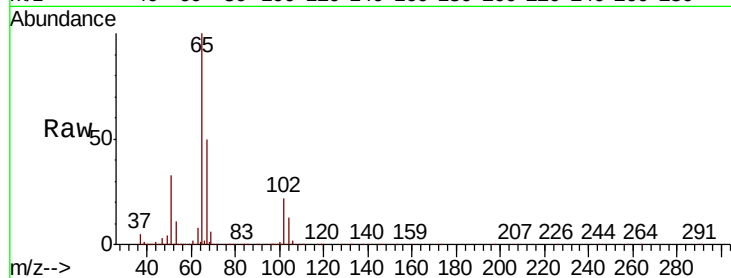




#33
 1,2-Dichloroethane-d4
 Concen: 49.555 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006439.D
 Acq: 12 Dec 2018 12:39

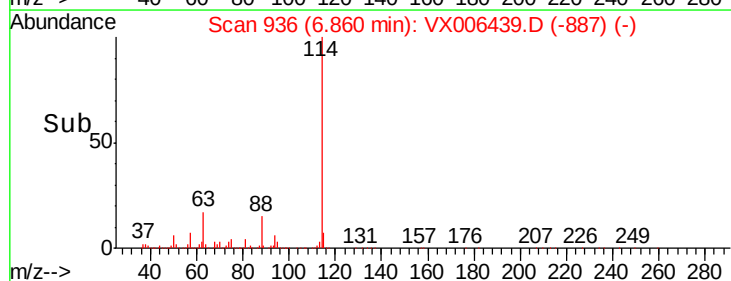
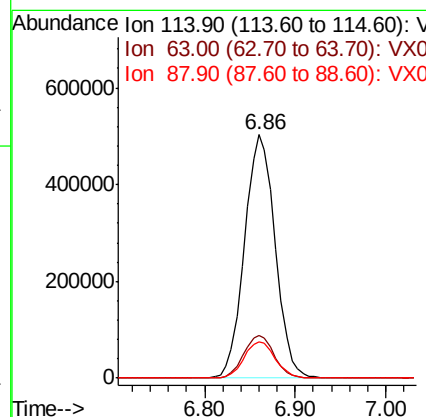
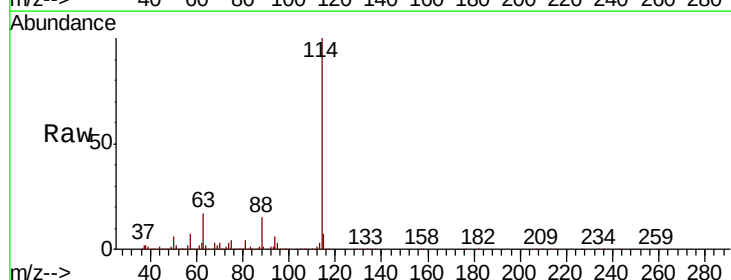
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212MBL01

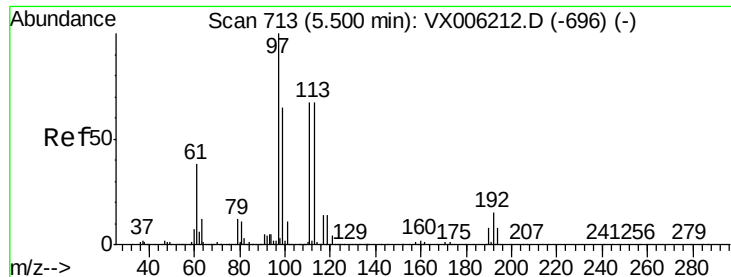
Tot Ion: 65 Resp: 390892
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006439.D
 Acq: 12 Dec 2018 12:39

Tgt Ion: 114 Resp: 1174798
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 36.6
 88 14.6 0.0 29.0

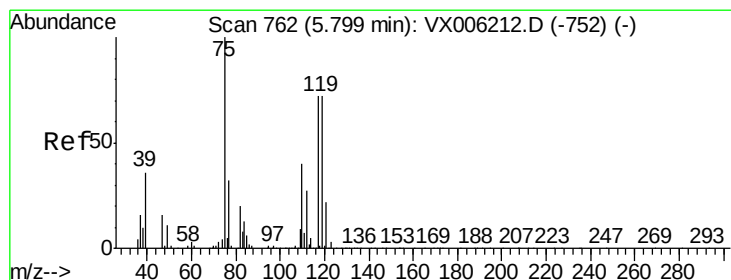
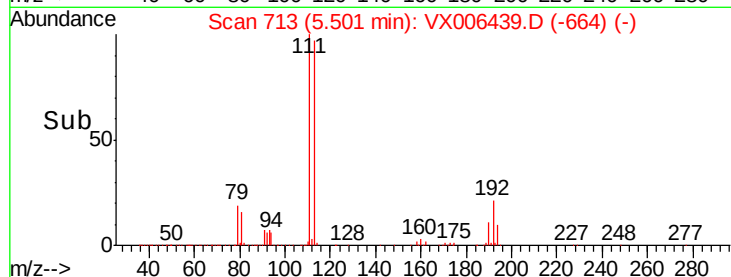
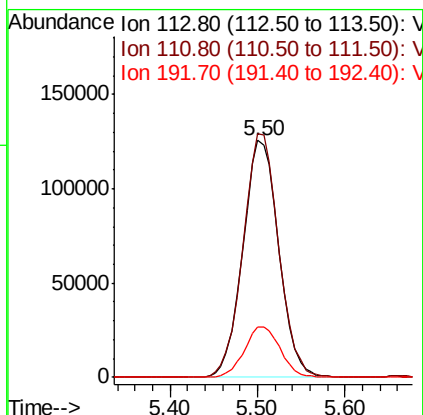
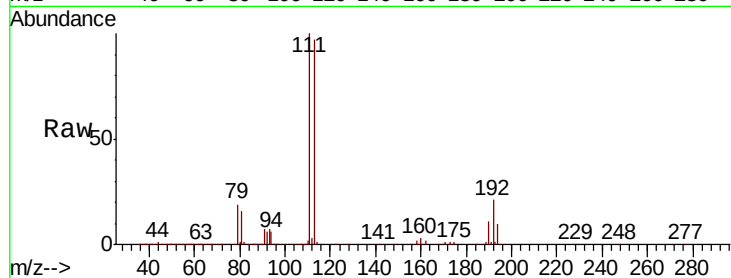




#35
 Dibromofluoromethane
 Concen: 47.081 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX006439.D
 Acq: 12 Dec 2018 12:39

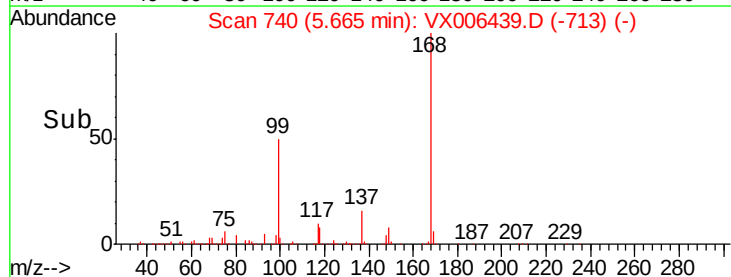
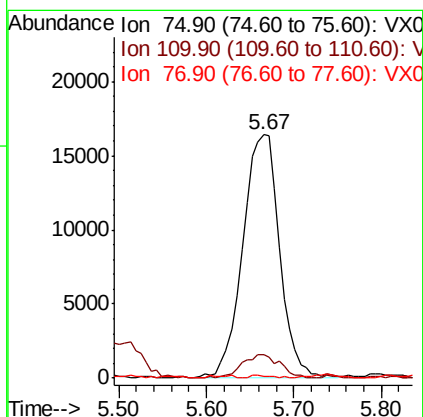
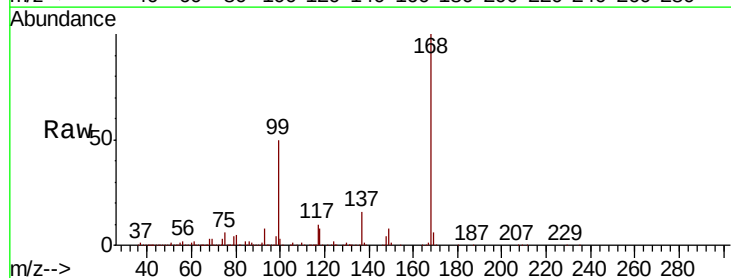
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212MBL01

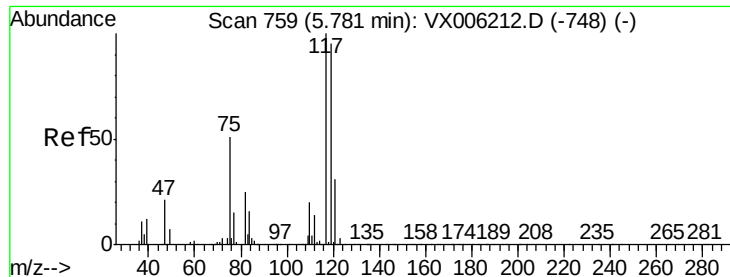
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.1	121.7
192	21.5	18.2	27.2



#36
 1,1-Dichloropropene
 Concen: 4.878 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX006439.D
 Acq: 12 Dec 2018 12:39

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.8	20.4	61.3#
77	0.8	24.9	37.3#





#38

Carbon Tetrachloride

Concen: 6.264 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX006439.D

Acq: 12 Dec 2018 12:39

Instrument :

MSVOA_X

ClientSampleId :

VX1212MBL01

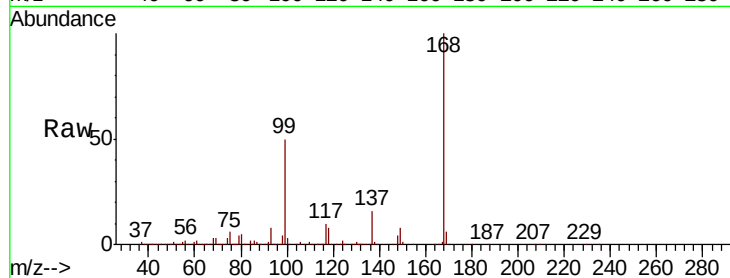
Tot Ion:117 Resp: 72906

Ion Ratio Lower Upper

117 100

119 3.9 75.8 113.8#

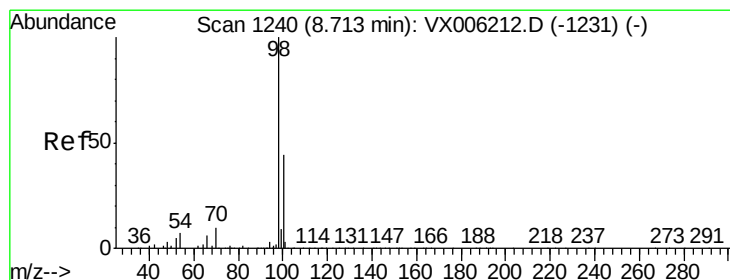
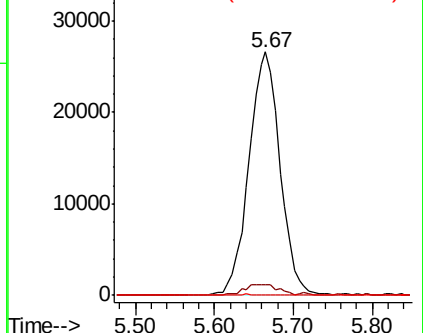
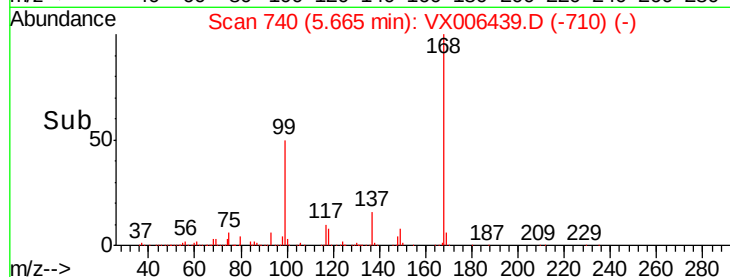
121 0.2 24.6 37.0#



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



#50

Toluene-d8

Concen: 49.311 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006439.D

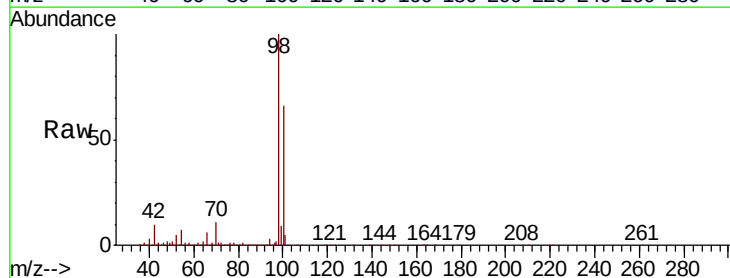
Acq: 12 Dec 2018 12:39

Tgt Ion: 98 Resp: 1364306

Ion Ratio Lower Upper

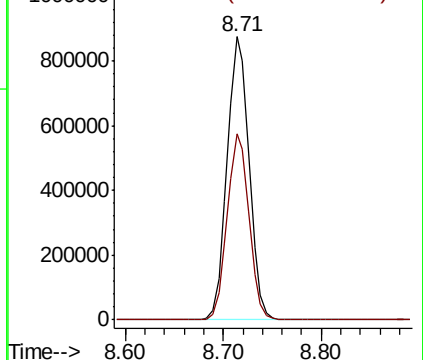
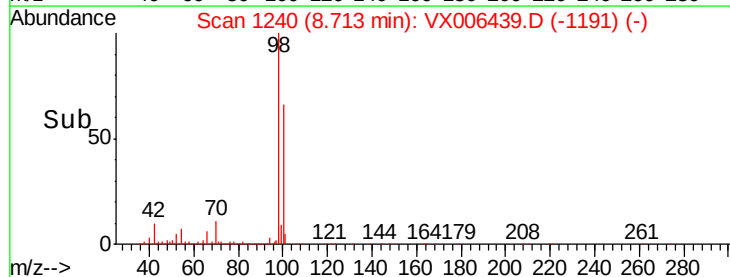
98 100

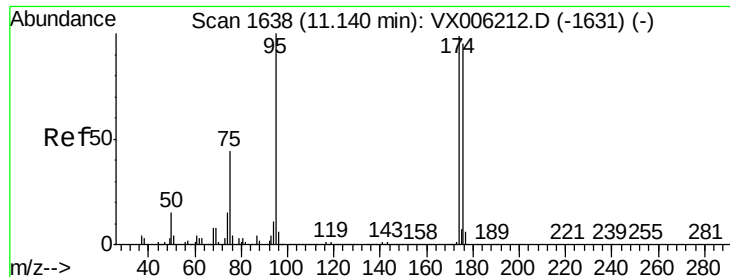
100 65.2 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 48.865 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006439.D

Acq: 12 Dec 2018 12:39

Instrument :

MSVOA_X

ClientSampled :

VX1212MBL01

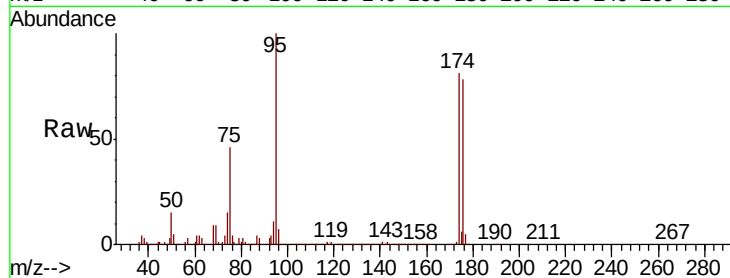
Tot Ion: 95 Resp: 509460

Ion Ratio Lower Upper

95 100

174 87.9 0.0 187.0

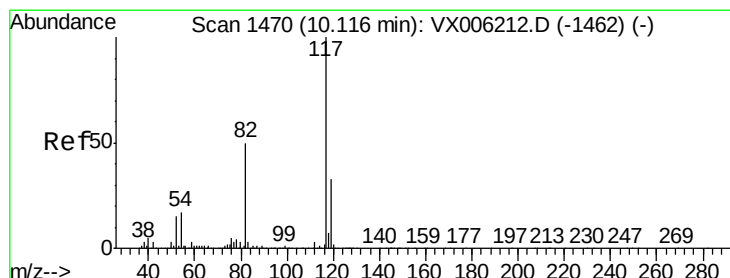
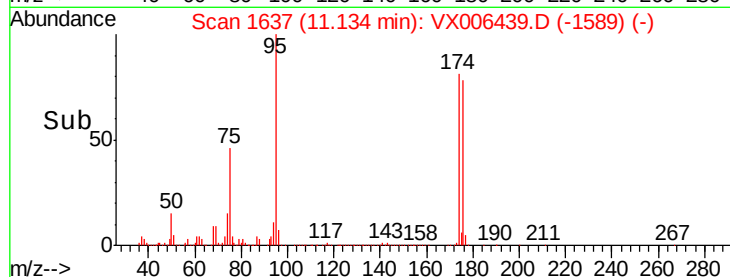
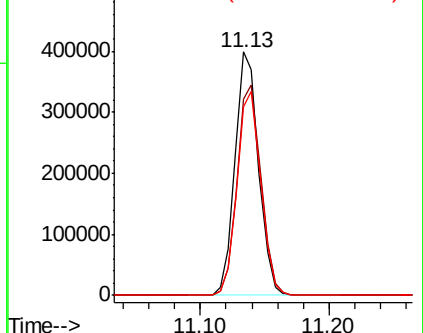
176 84.4 0.0 181.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX006439.D

Acq: 12 Dec 2018 12:39

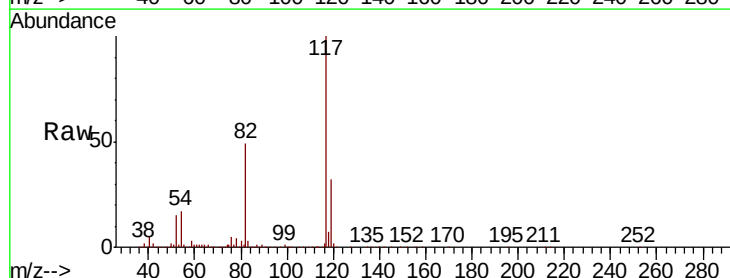
Tgt Ion: 117 Resp: 1062624

Ion Ratio Lower Upper

117 100

82 49.2 39.6 59.4

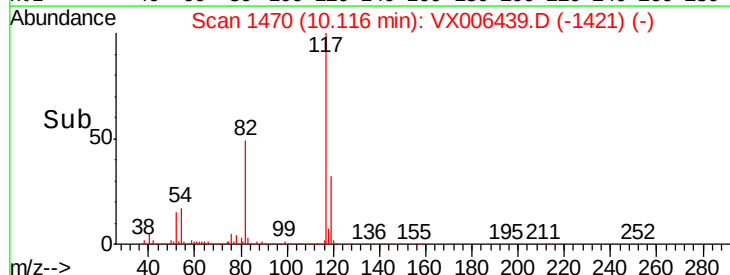
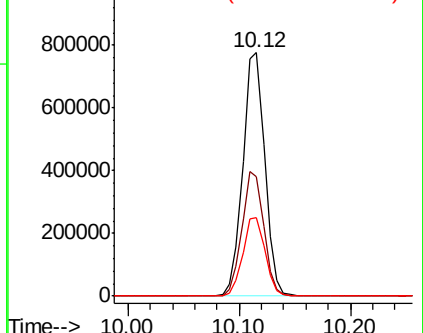
119 32.4 26.3 39.5

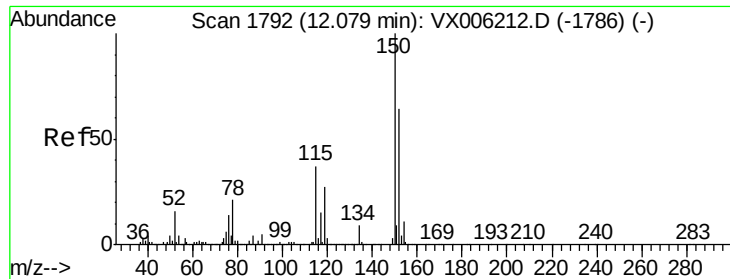


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

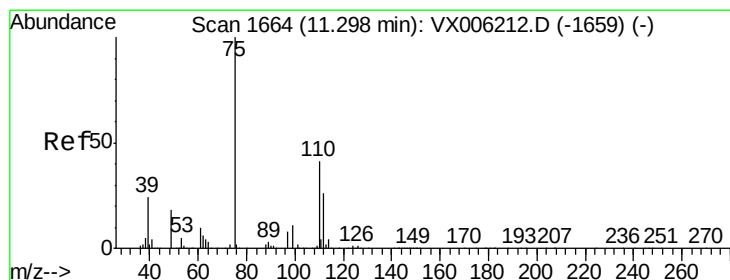
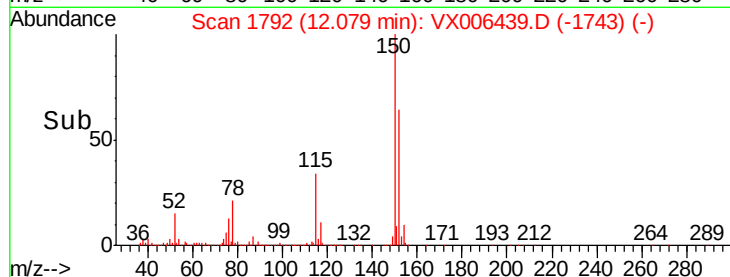
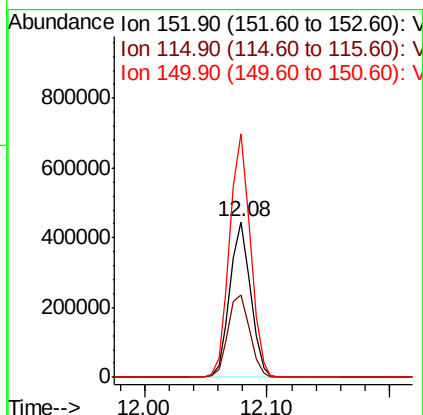
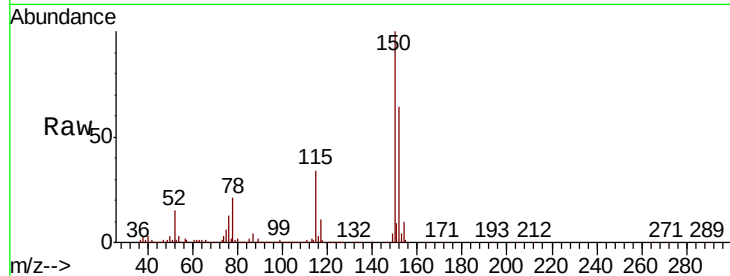




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX006439.D
 Acq: 12 Dec 2018 12:39

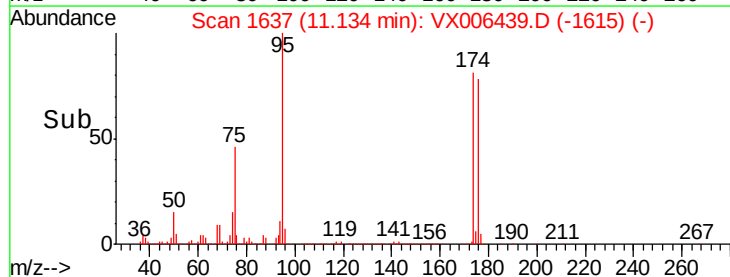
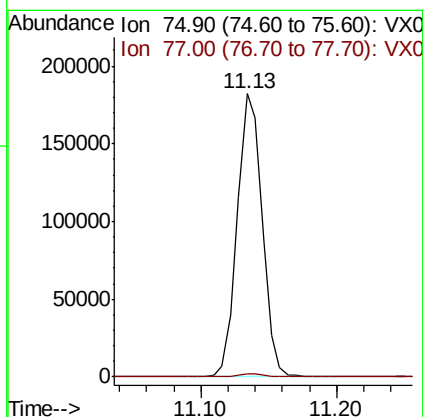
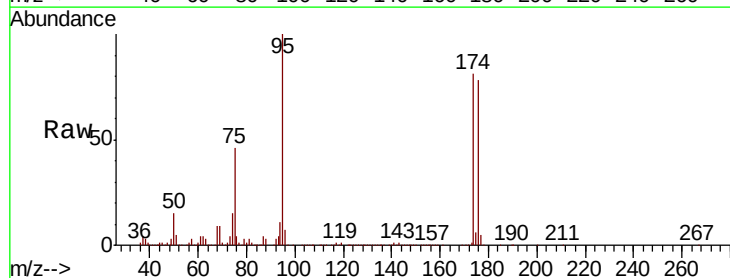
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212MBL01

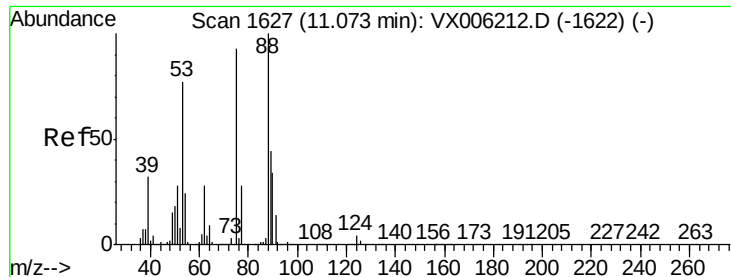
Tot Ion	Ratio	Lower	Upper
152	100		
115	56.4	39.0	116.9
150	157.5	0.0	345.8



#76
 1,2,3-Trichloropropane
 Concen: 23.240 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX006439.D
 Acq: 12 Dec 2018 12:39

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.2	19.9	59.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 54.537 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX006439.D
 Acq: 12 Dec 2018 12:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212MBL01

Tot Ion: 75 Resp: 232770
 Ion Ratio Lower Upper
 75 100
 53 0.0 64.4 96.6#
 89 0.0 44.2 66.4#

