

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121018\
 Data File : VX006367.D
 Acq On : 10 Dec 2018 13:59
 Operator : JC/MD
 Sample : J6325-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB01-20181204

Quant Time: Dec 11 03:56:49 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

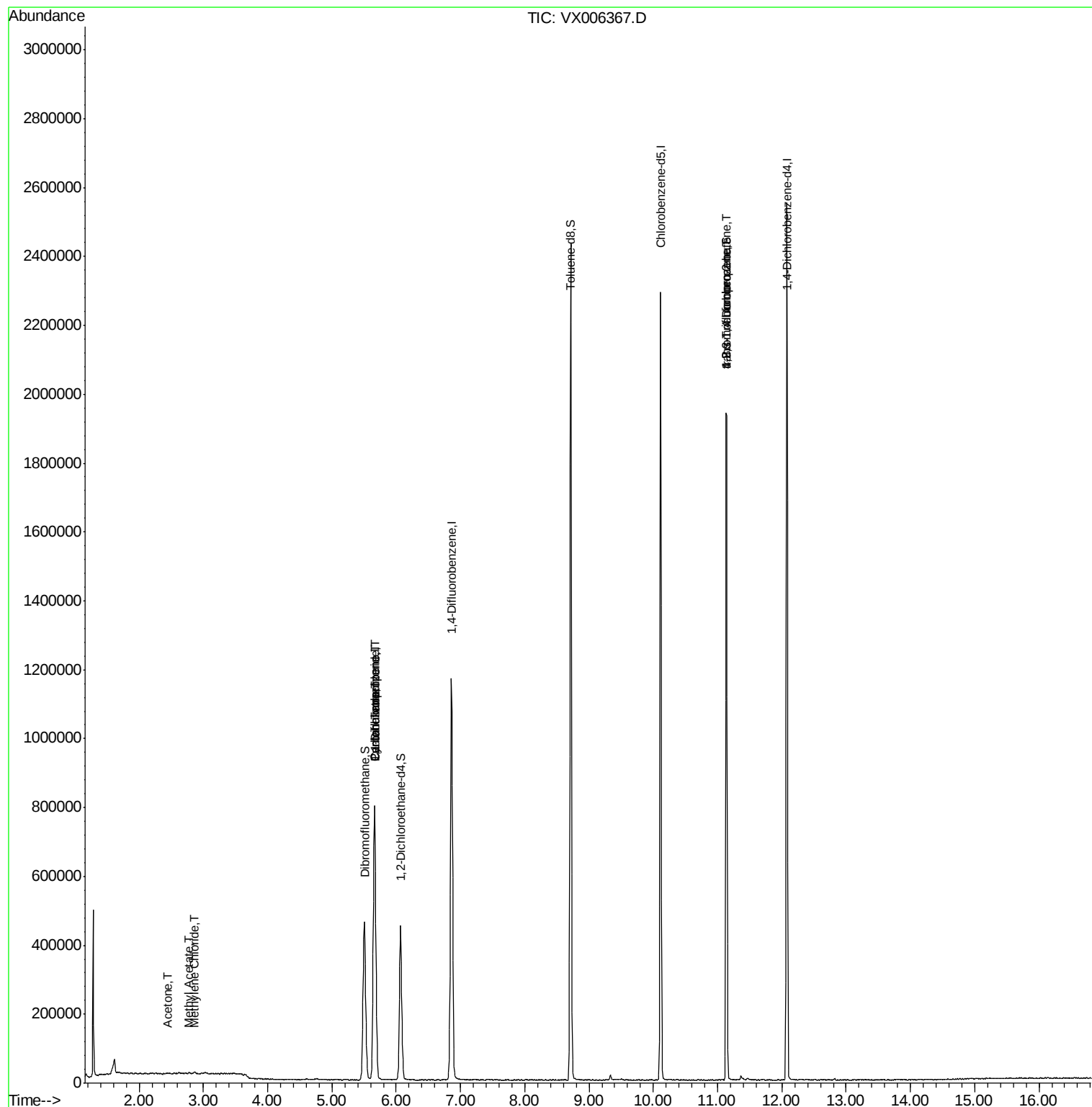
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	835484	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1269267	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1140898	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	555119	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	409807	48.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.10%	
35) Dibromofluoromethane	5.51	113	395005	48.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.14%	
50) Toluene-d8	8.71	98	1459912	48.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.68%	
62) 4-Bromofluorobenzene	11.13	95	538368	47.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.58%	
Target Compounds						
					Qvalue	
16) Acetone	2.45	43	2385	0.596	ug/l #	68
18) Methyl Acetate	2.78	43	4376	0.327	ug/l #	69
20) Methylene Chloride	2.87	84	2232	0.262	ug/l #	80
31) Cyclohexane	5.67	56	12521	1.016	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	50169	4.694	ug/l #	49
38) Carbon Tetrachloride	5.66	117	75282	5.987	ug/l #	16
76) 1,2,3-Trichloropropane	11.13	75	243931	22.766	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.13	75	243931	53.426	ug/l #	15

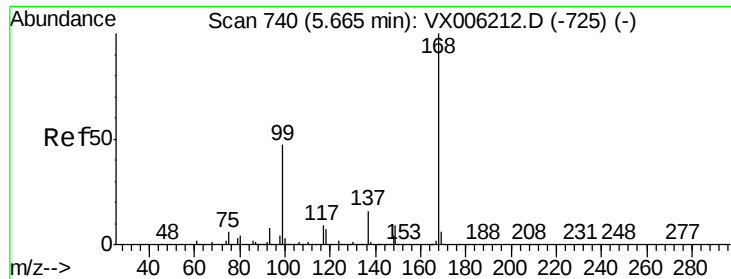
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121018\
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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: VX006367.D

Acq: 10 Dec 2018 13:59

Instrument :

MSVOA_X

ClientSampleId :

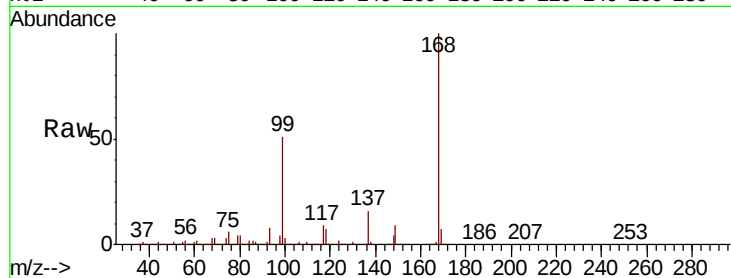
TB01-20181204

Tot Ion:168 Resp: 835484

Ion Ratio Lower Upper

168 100

99 50.5 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): VX006367.D (-691) (-)

Ion 98.90 (98.60 to 99.60): VX006367.D (-691) (-)

5.67

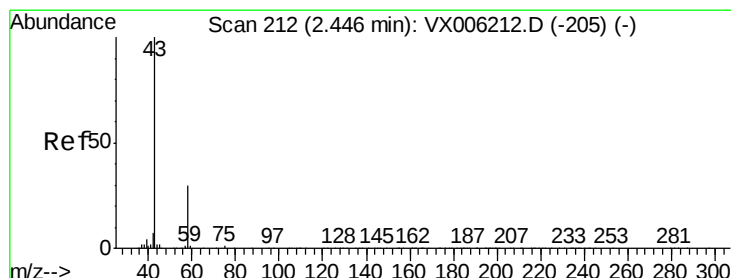
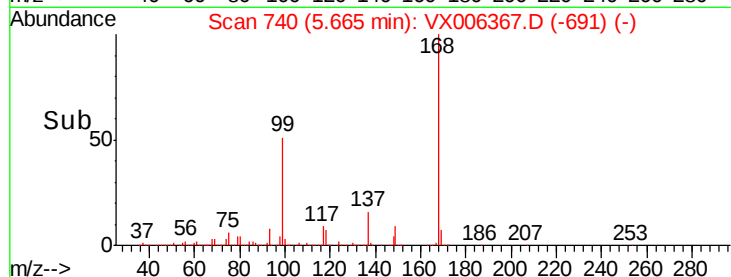
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 0.596 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006367.D

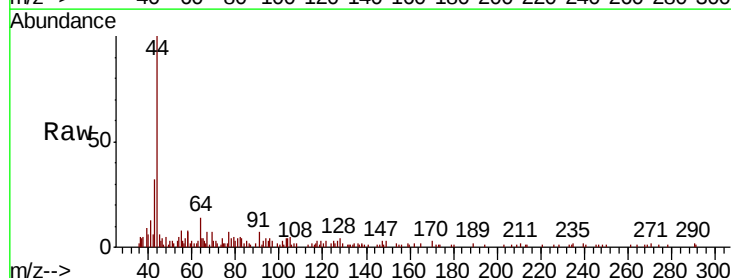
Acq: 10 Dec 2018 13:59

Tgt Ion: 43 Resp: 2385

Ion Ratio Lower Upper

43 100

58 47.2 24.0 36.0#



Abundance Ion 43.00 (42.70 to 43.70): VX006367.D (-163) (-)

Ion 58.00 (57.70 to 58.70): VX006367.D (-163) (-)

2.45

2000

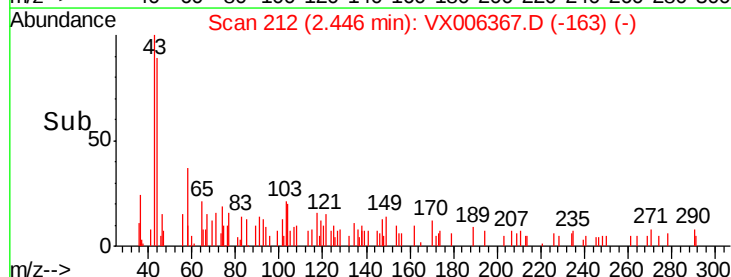
1500

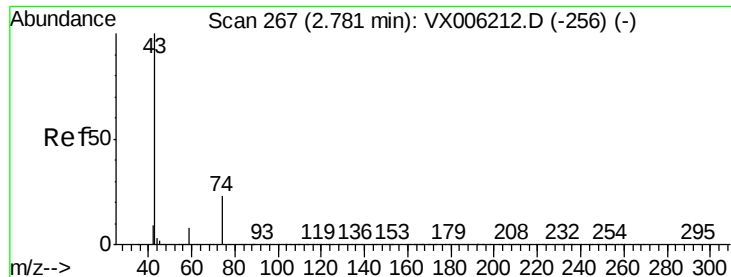
1000

500

0

Time-->





#18

Methyl Acetate

Concen: 0.327 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX006367.D

Acq: 10 Dec 2018 13:59

Instrument :

MSVOA_X

ClientSampleId :

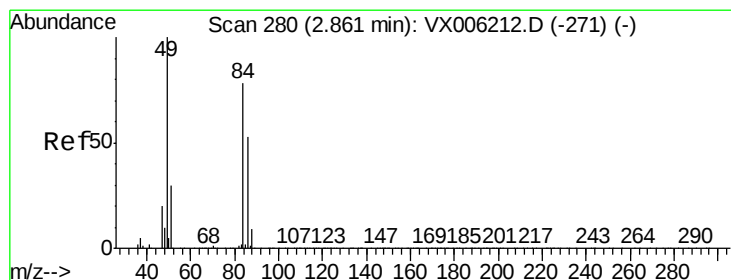
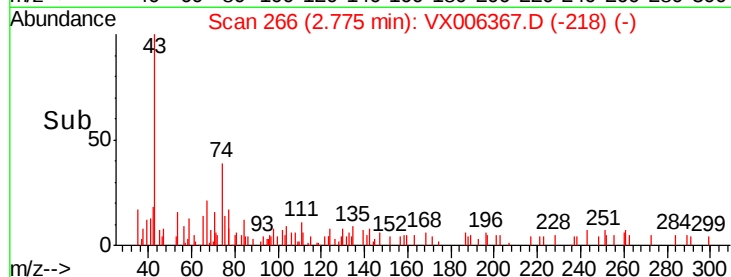
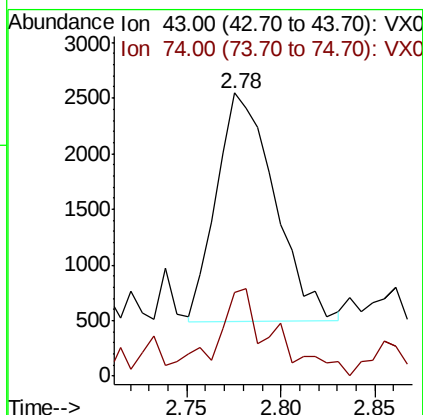
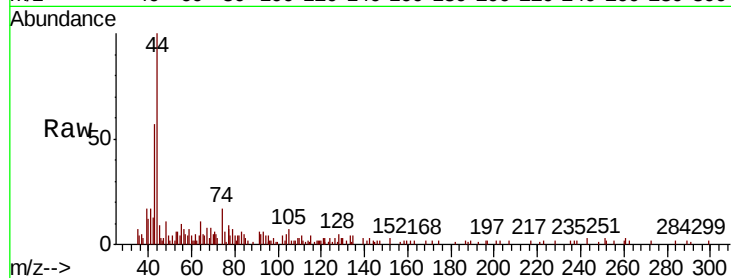
TB01-20181204

Tot Ion: 43 Resp: 4376

Ion Ratio Lower Upper

43 100

74 37.1 17.9 26.9#



#20

Methylene Chloride

Concen: 0.262 ug/l

RT: 2.87 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX006367.D

Acq: 10 Dec 2018 13:59

Tgt Ion: 84 Resp: 2232

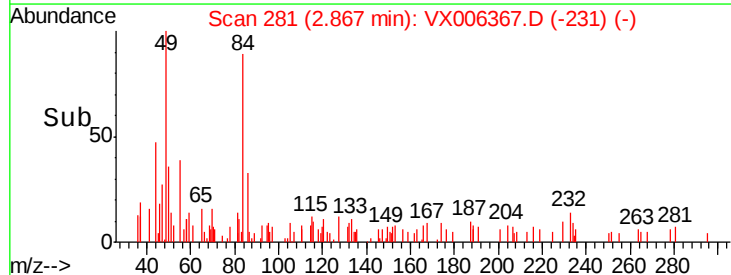
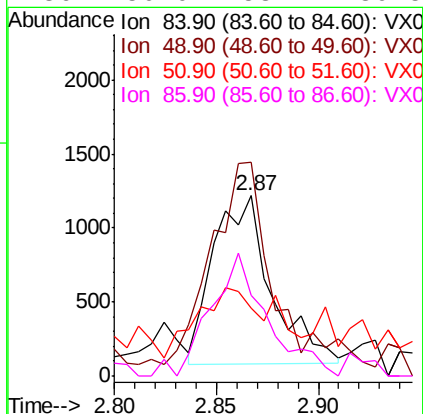
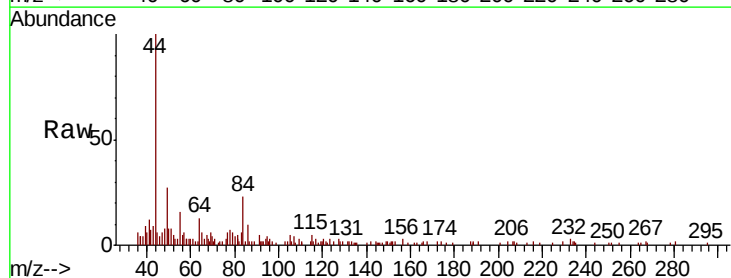
Ion Ratio Lower Upper

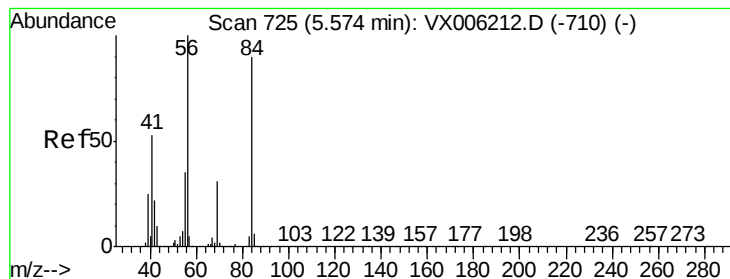
84 100

49 108.5 102.2 153.4

51 23.2 31.1 46.7#

86 50.0 53.7 80.5#





#31

Cyclohexane

Concen: 1.016 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.09 min

Lab File: VX006367.D

Acq: 10 Dec 2018 13:59

Instrument :

MSVOA_X

ClientSampleId :

TB01-20181204

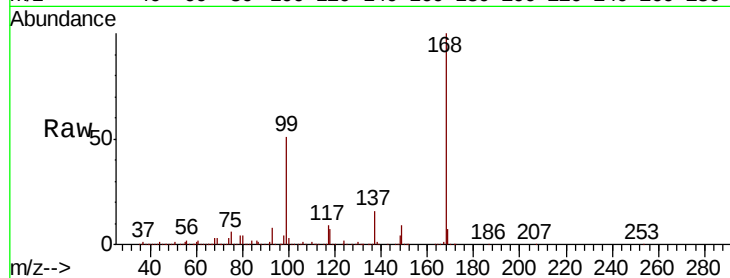
Tot Ion: 56 Resp: 12521

Ion Ratio Lower Upper

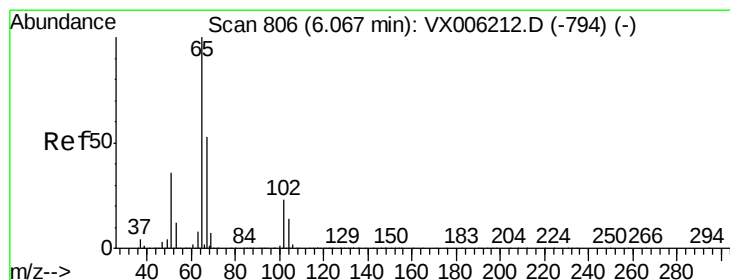
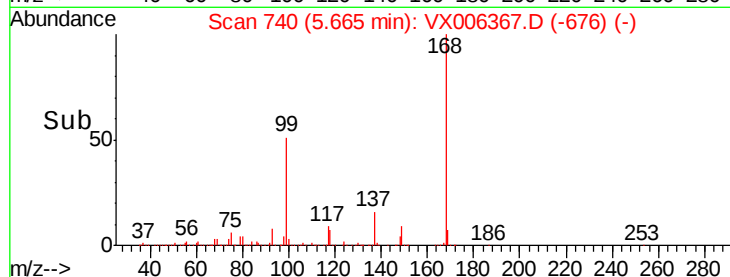
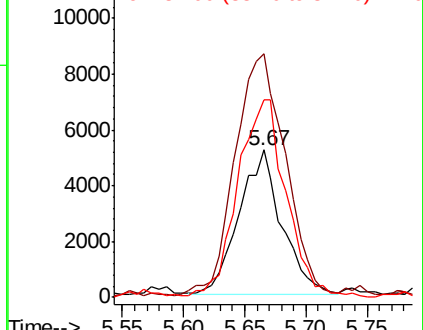
56 100

69 168.1 24.5 36.7#

84 136.2 71.8 107.6#



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 48.049 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006367.D

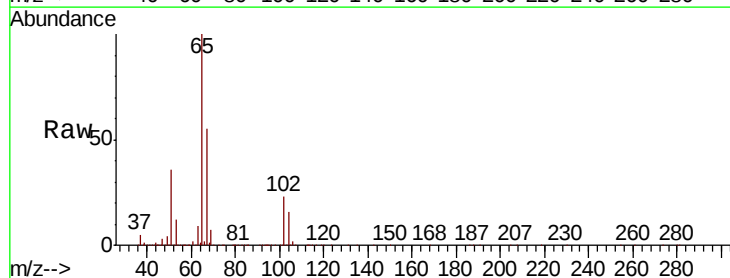
Acq: 10 Dec 2018 13:59

Tgt Ion: 65 Resp: 409807

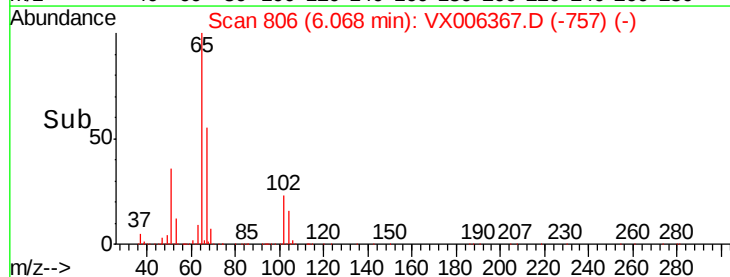
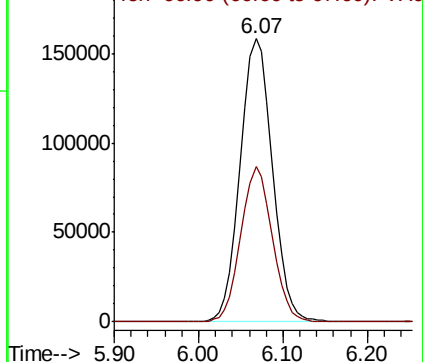
Ion Ratio Lower Upper

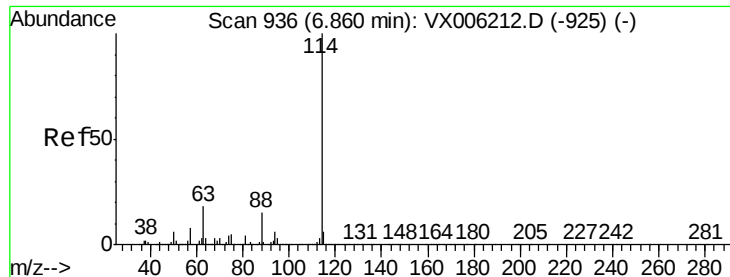
65 100

67 53.4 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: VX006367.D

Acq: 10 Dec 2018 13:59

Instrument :

MSVOA_X

ClientSampleId :

TB01-20181204

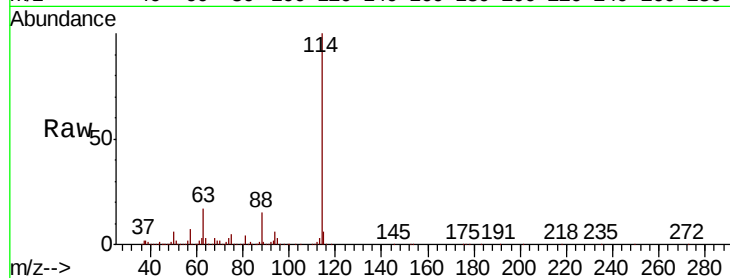
Tot Ion:114 Resp: 1269267

Ion Ratio Lower Upper

114 100

63 17.3 0.0 36.6

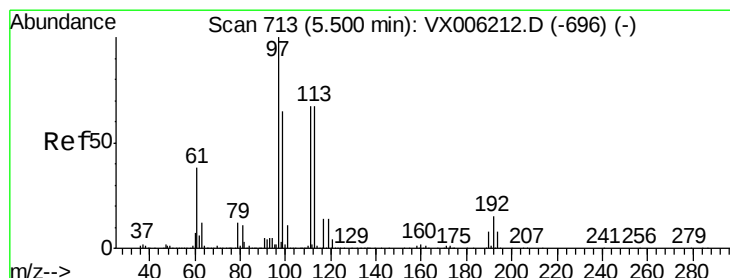
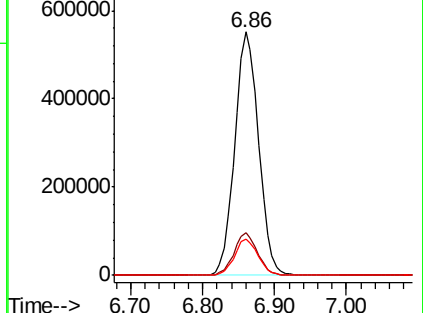
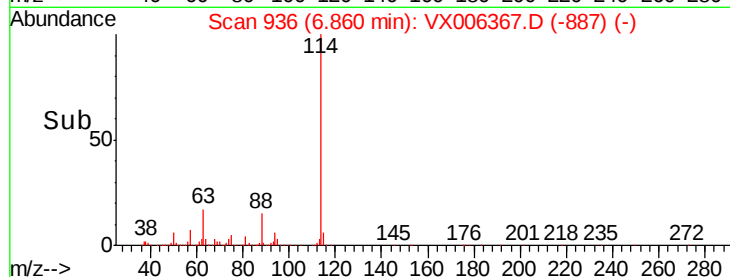
88 14.8 0.0 29.0



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: 48.066 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006367.D

Acq: 10 Dec 2018 13:59

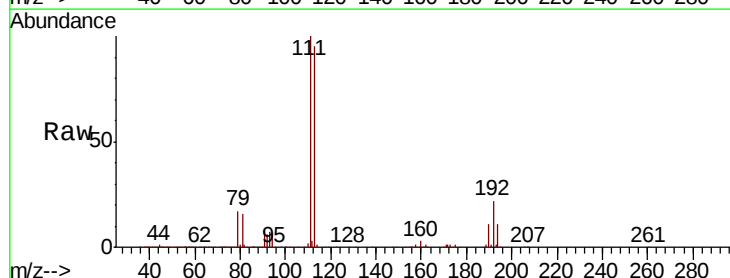
Tgt Ion:113 Resp: 395005

Ion Ratio Lower Upper

113 100

111 102.2 81.1 121.7

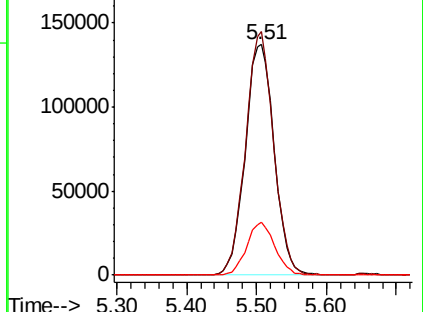
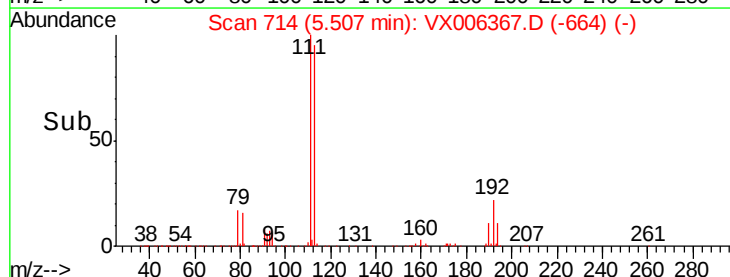
192 22.3 18.2 27.2

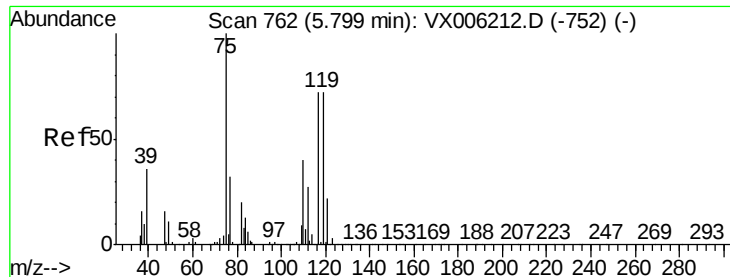


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.694 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX006367.D

Acq: 10 Dec 2018 13:59

Instrument :

MSVOA_X

ClientSampleId :

TB01-20181204

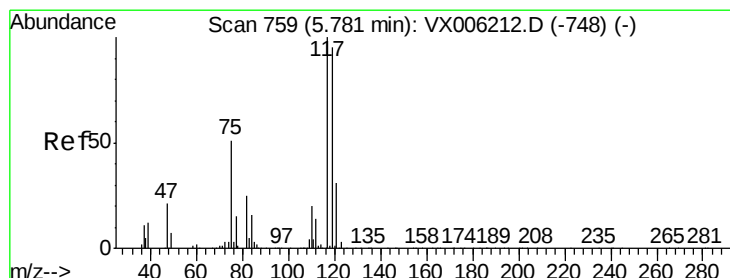
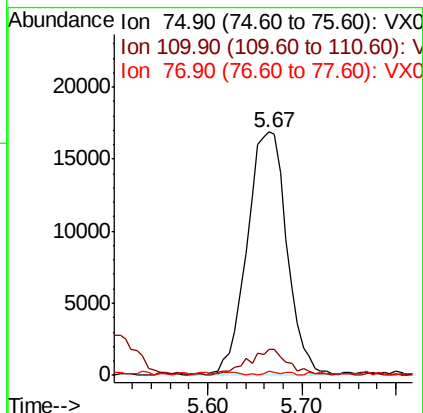
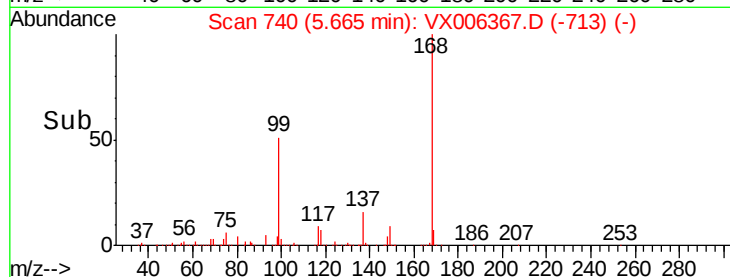
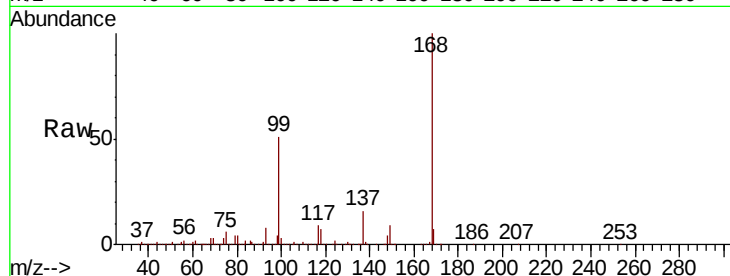
Tot Ion: 75 Resp: 50169

Ion Ratio Lower Upper

75 100

110 10.9 20.4 61.3#

77 0.8 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 5.987 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX006367.D

Acq: 10 Dec 2018 13:59

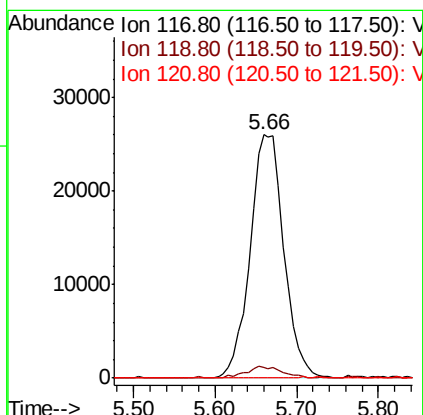
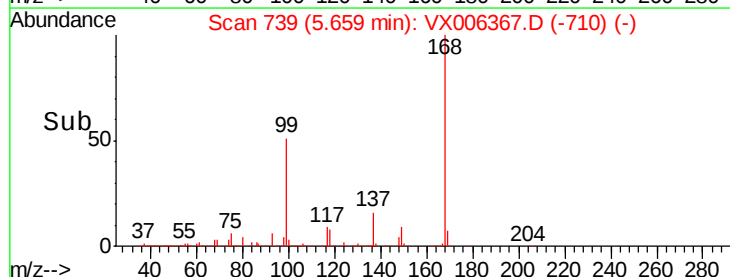
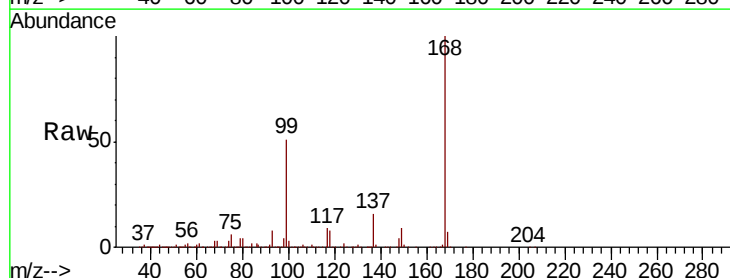
Tgt Ion: 117 Resp: 75282

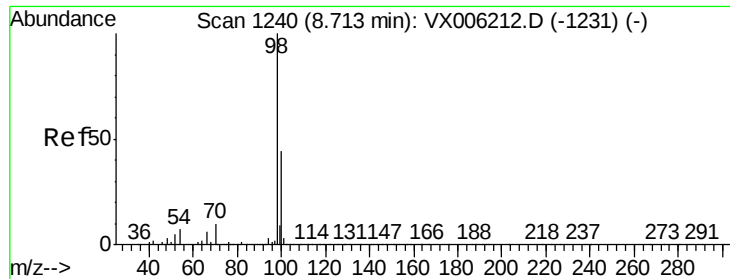
Ion Ratio Lower Upper

117 100

119 4.5 75.8 113.8#

121 0.0 24.6 37.0#





#50

Toluene-d8

Concen: 48.839 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006367.D

Acq: 10 Dec 2018 13:59

Instrument :

MSVOA_X

ClientSampleId :

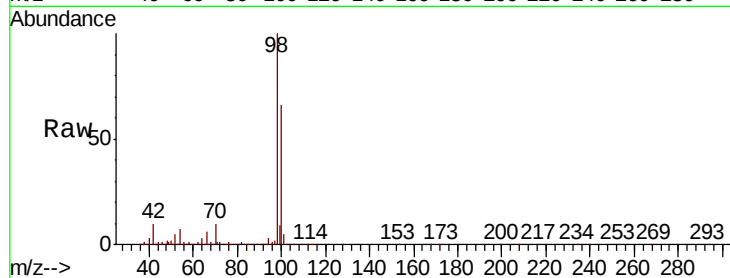
TB01-20181204

Tot Ion: 98 Resp: 1459912

Ion Ratio Lower Upper

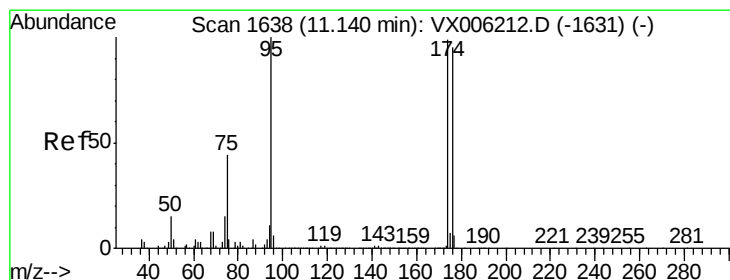
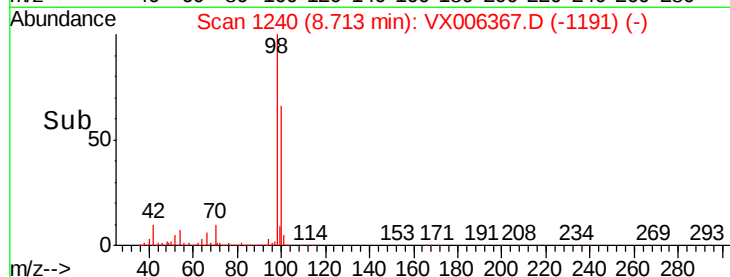
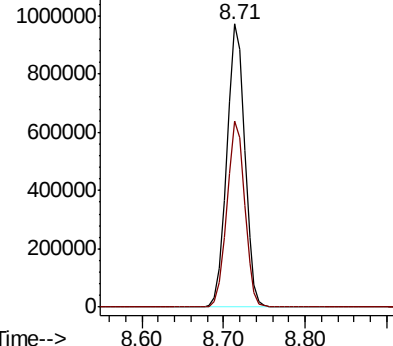
98 100

100 65.1 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: 47.794 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006367.D

Acq: 10 Dec 2018 13:59

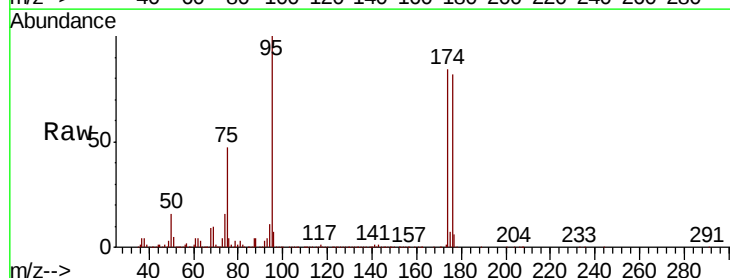
Tgt Ion: 95 Resp: 538368

Ion Ratio Lower Upper

95 100

174 88.9 0.0 187.0

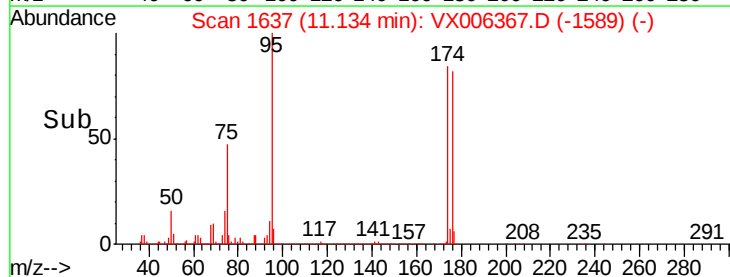
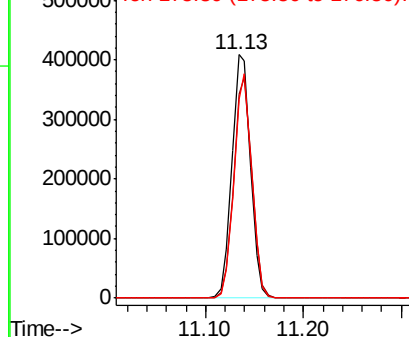
176 88.1 0.0 181.8

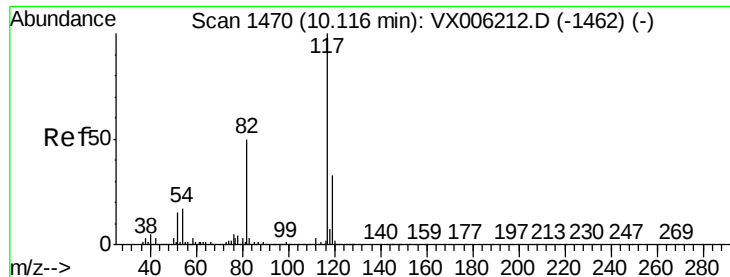


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

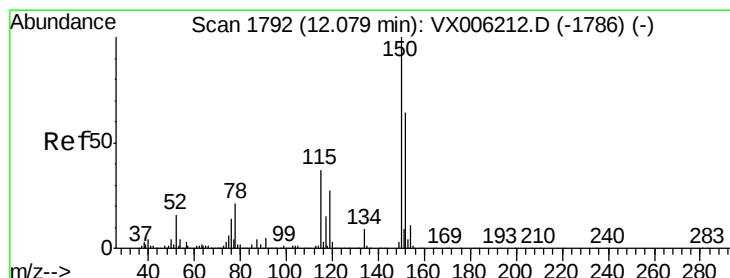
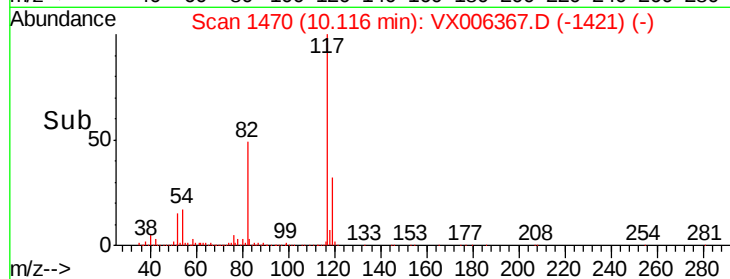
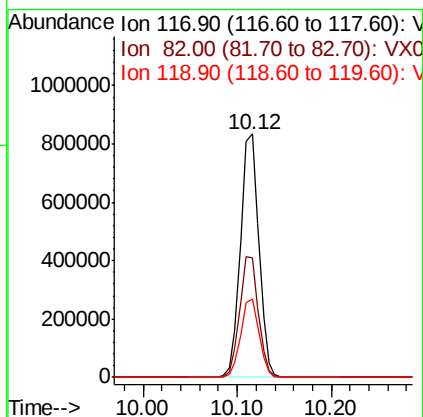
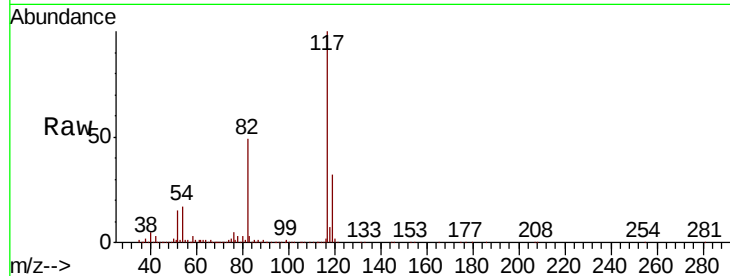




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006367.D
Acq: 10 Dec 2018 13:59

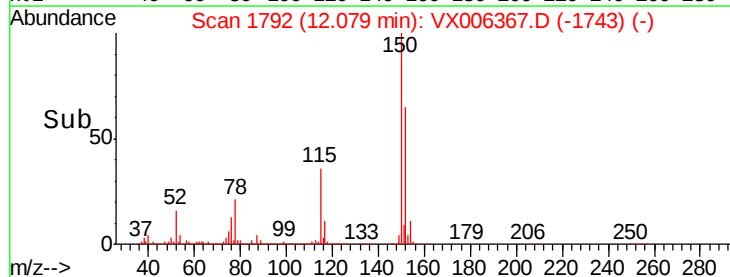
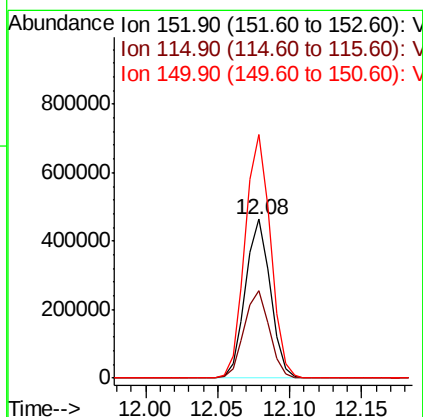
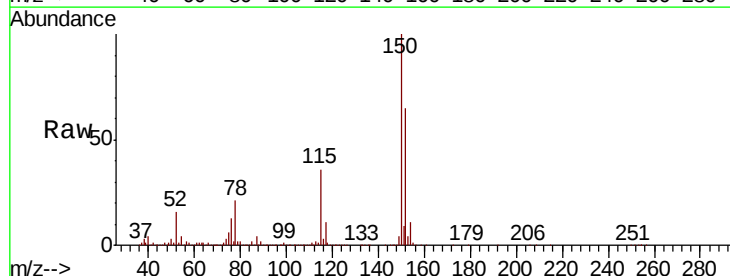
Instrument :
MSVOA_X
ClientSampled :
TB01-20181204

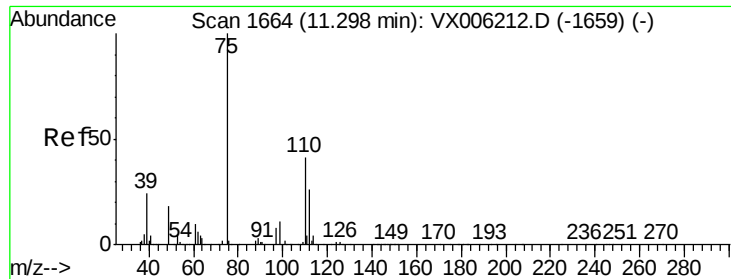
Tot Ion:117 Resp: 1140898
Ion Ratio Lower Upper
117 100
82 49.2 39.6 59.4
119 32.5 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006367.D
Acq: 10 Dec 2018 13:59

Tgt Ion:152 Resp: 555119
Ion Ratio Lower Upper
152 100
115 55.9 39.0 116.9
150 156.6 0.0 345.8

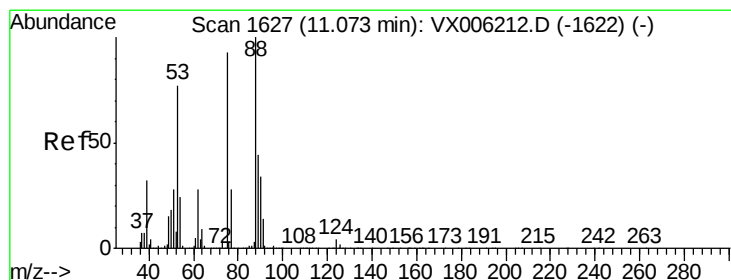
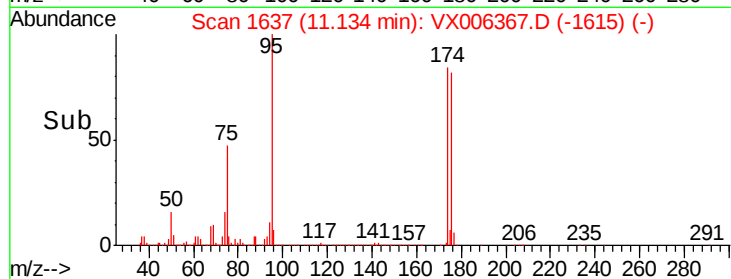
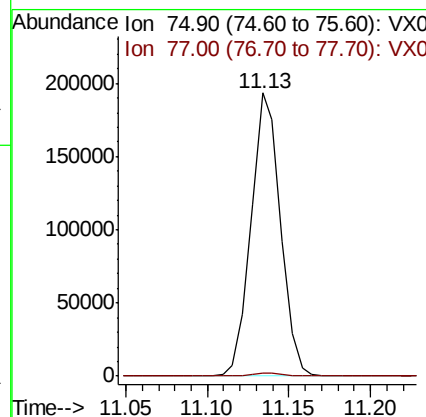
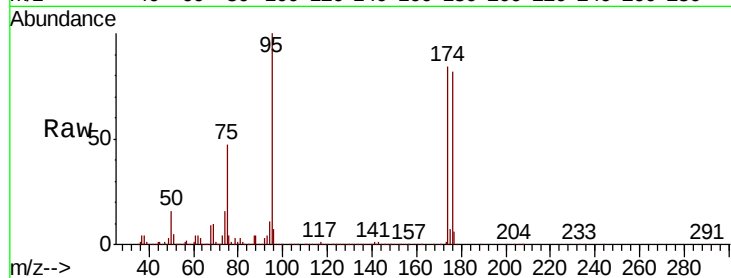




#76
 1,2,3-Trichloropropane
 Concen: 22.766 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX006367.D
 Acq: 10 Dec 2018 13:59

Instrument :
 MSVOA_X
 ClientSampleId :
 TB01-20181204

Tot Ion: 75 Resp: 243931
 Ion Ratio Lower Upper
 75 100
 77 1.4 19.9 59.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 53.426 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX006367.D
 Acq: 10 Dec 2018 13:59

Tgt Ion: 75 Resp: 243931
 Ion Ratio Lower Upper
 75 100
 53 0.1 64.4 96.6#
 89 0.1 44.2 66.4#

