

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120318\
 Data File : VX006253.D
 Acq On : 03 Dec 2018 15:10
 Operator : JC/MD
 Sample : J6153-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-H

Quant Time: Dec 04 04:56:38 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	899613	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1363324	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1241490	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	603955	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	451497	49.16	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.32%		
35) Dibromofluoromethane	5.51	113	435787	49.37	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.74%		
50) Toluene-d8	8.71	98	1583985	49.33	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.66%		
62) 4-Bromofluorobenzene	11.13	95	581417	48.05	ug/l	0.00
Spiked Amount 50.000			Recovery =	96.10%		

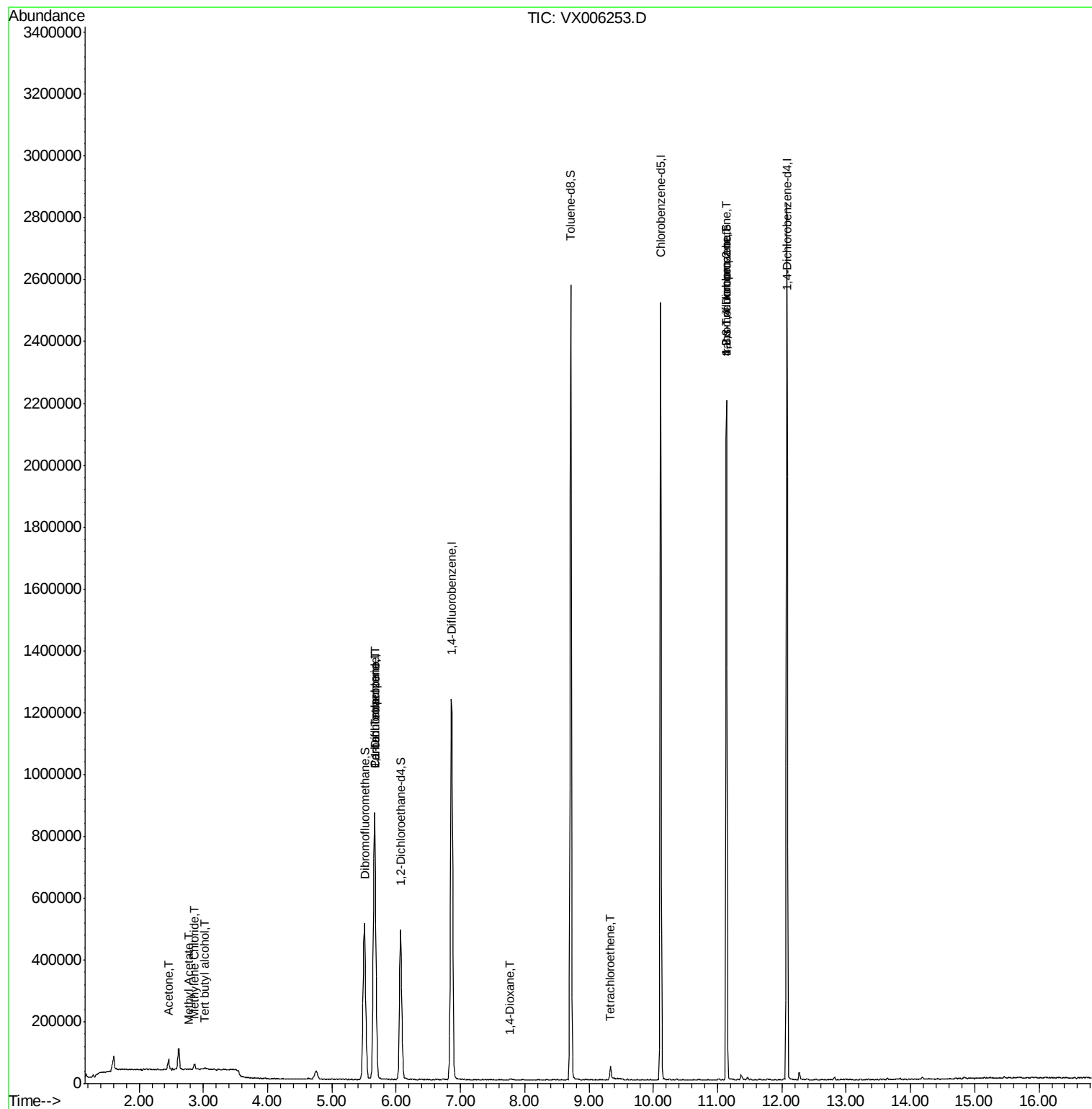
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.02	59	3903	1.554	ug/l #	89
16) Acetone	2.45	43	8905	2.066	ug/l	96
18) Methyl Acetate	2.78	43	3910	0.271	ug/l #	86
20) Methylene Chloride	2.86	84	9856	1.075	ug/l	96
36) 1,1-Dichloropropene	5.66	75	56182	4.894	ug/l #	49
38) Carbon Tetrachloride	5.67	117	81814	6.058	ug/l #	17
49) 1,4-Dioxane	7.76	88	75	0.292	ug/l #	1
64) Tetrachloroethene	9.34	164	3949	0.422	ug/l #	89
76) 1,2,3-Trichloropropane	11.13	75	267886	22.980	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.13	75	267886	53.928	ug/l #	15

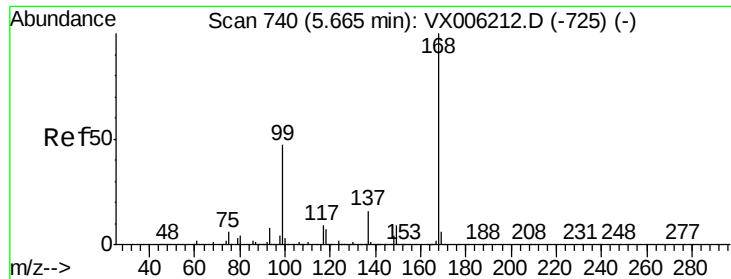
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX120318\
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ClientSampleId :
MH-H

Quant Time: Dec 04 04:56:38 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: VX006253.D

Acq: 03 Dec 2018 15:10

Instrument :

MSVOA_X

ClientSampled :

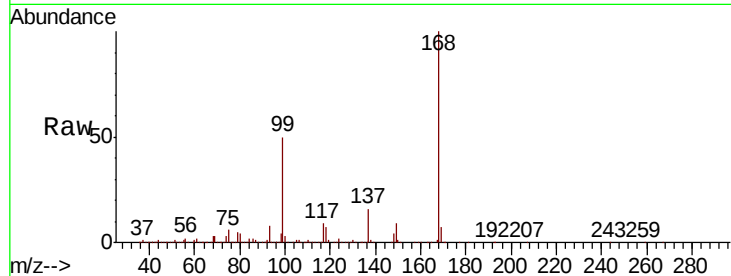
MH-H

Tot Ion:168 Resp: 899613

Ion Ratio Lower Upper

168 100

99 49.6 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): VX006212.D (-725) (-)

Ion 98.90 (98.60 to 99.60): VX006212.D (-725) (-)

5.67

300000

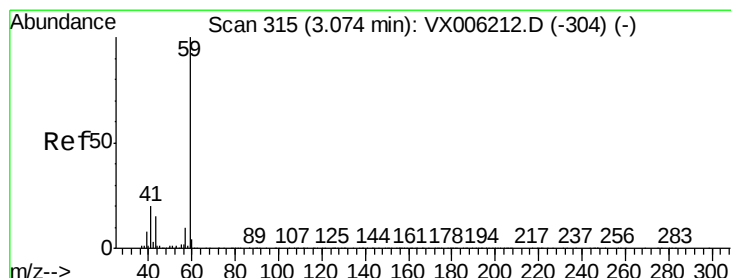
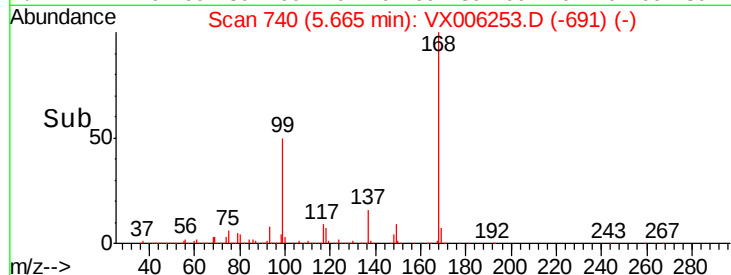
200000

100000

0

Time-->

5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 1.554 ug/l

RT: 3.02 min Scan# 306

Delta R.T. -0.05 min

Lab File: VX006253.D

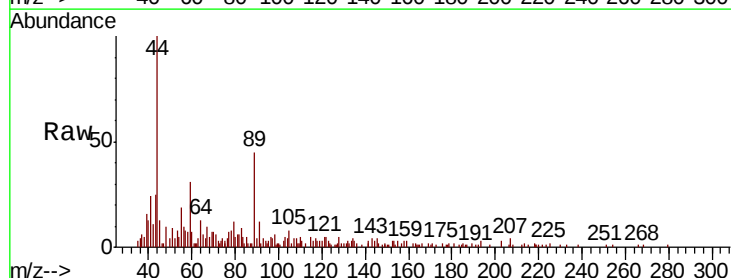
Acq: 03 Dec 2018 15:10

Tgt Ion: 59 Resp: 3903

Ion Ratio Lower Upper

59 100

57 14.2 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX006212.D (-304) (-)

Ion 57.00 (56.70 to 57.70): VX006212.D (-304) (-)

3.02

2000

1500

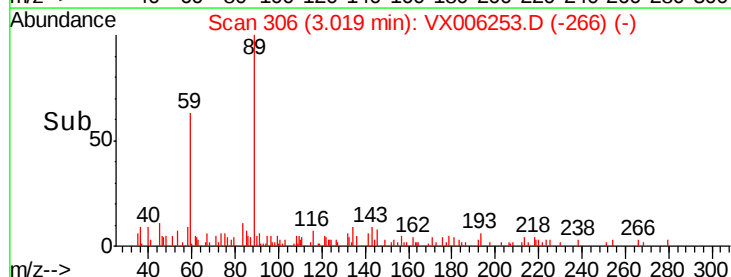
1000

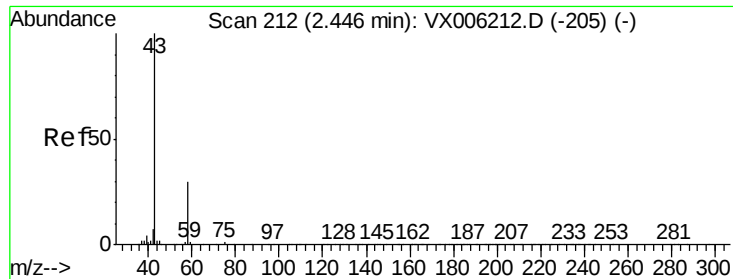
500

0

Time-->

2.95 3.00 3.05

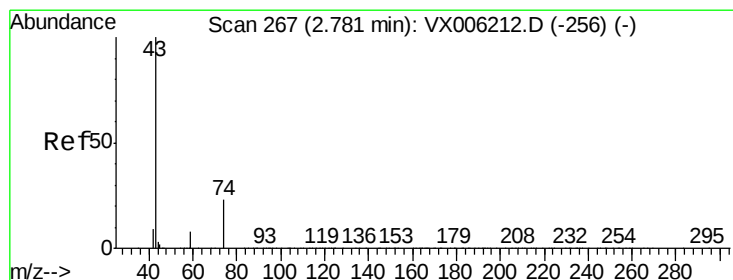
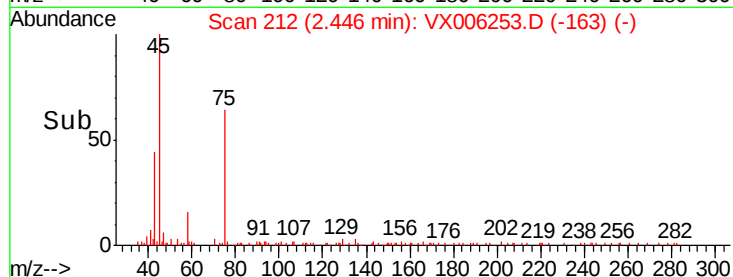
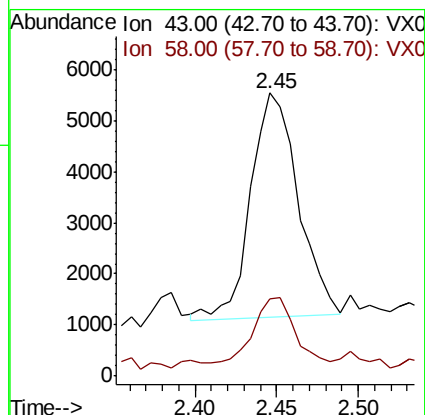
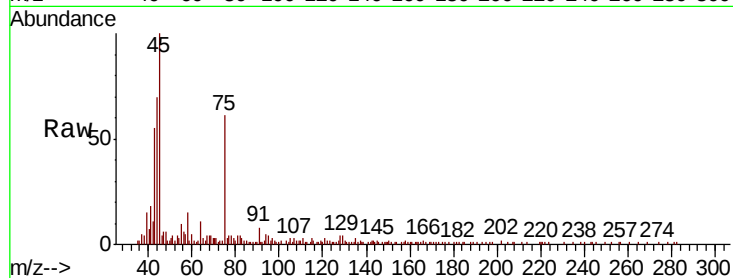




#16
Acetone
Concen: 2.066 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX006253.D
Acq: 03 Dec 2018 15:10

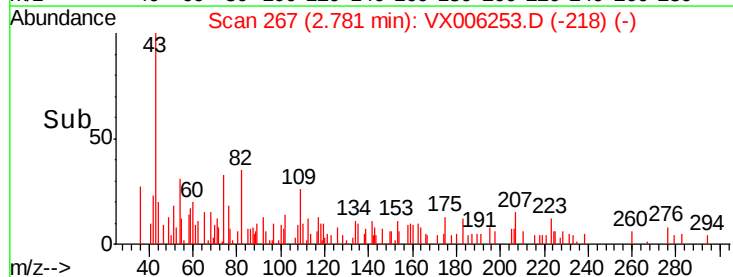
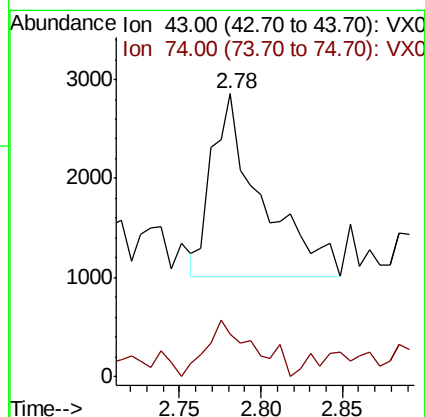
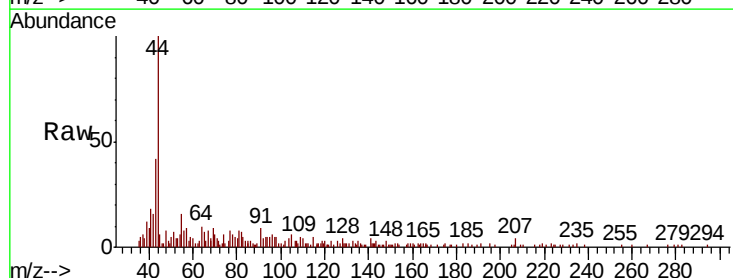
Instrument :
MSVOA_X
ClientSampled :
MH-H

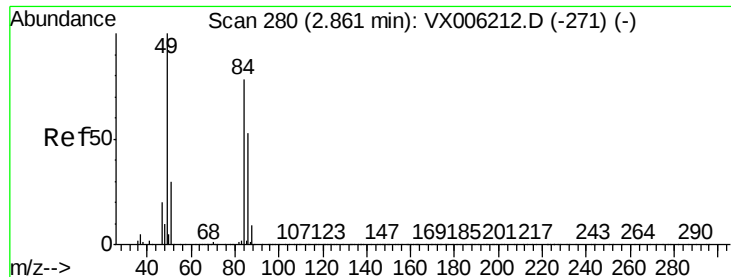
Tot Ion: 43 Resp: 8905
Ion Ratio Lower Upper
43 100
58 27.7 24.0 36.0



#18
Methyl Acetate
Concen: 0.271 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX006253.D
Acq: 03 Dec 2018 15:10

Tgt Ion: 43 Resp: 3910
Ion Ratio Lower Upper
43 100
74 29.2 17.9 26.9#

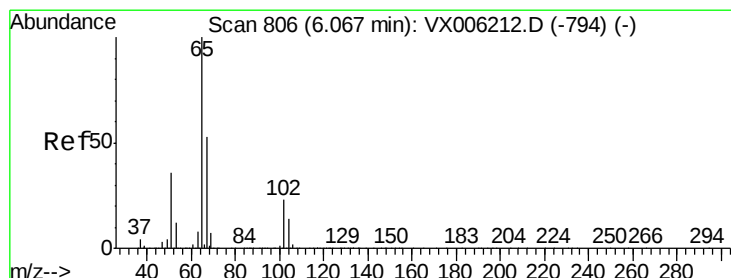
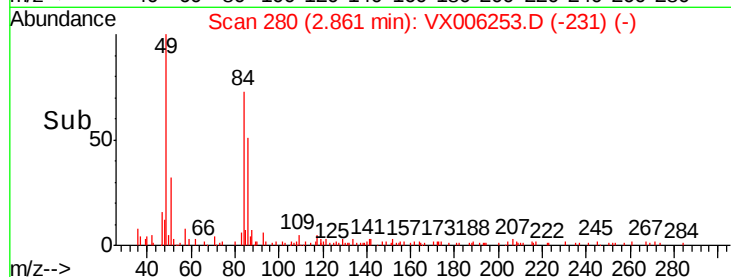
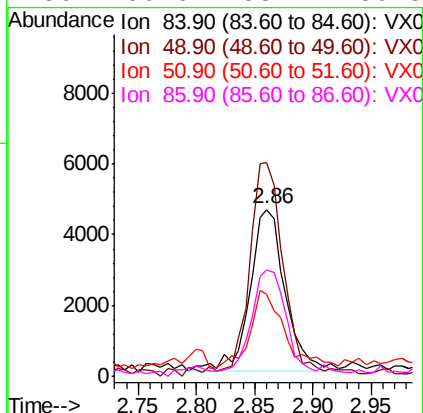
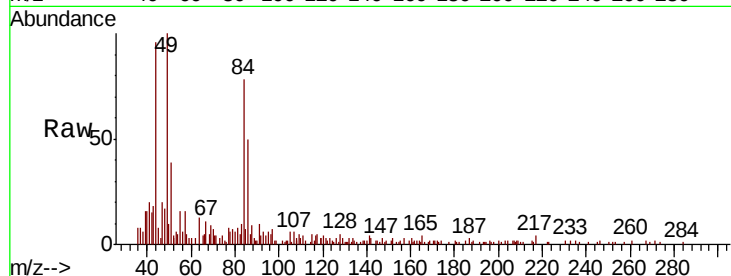




#20
Methvlene Chloride
Concen: 1.075 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX006253.D
Acq: 03 Dec 2018 15:10

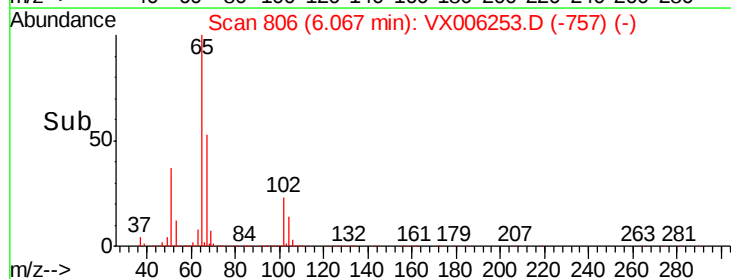
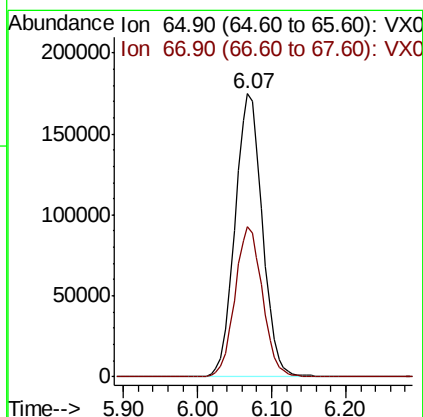
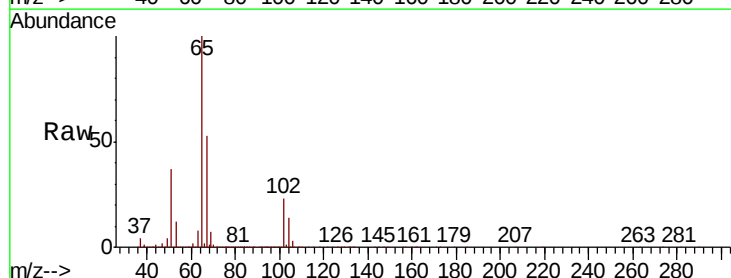
Instrument :
MSVOA_X
ClientSampleId :
MH-H

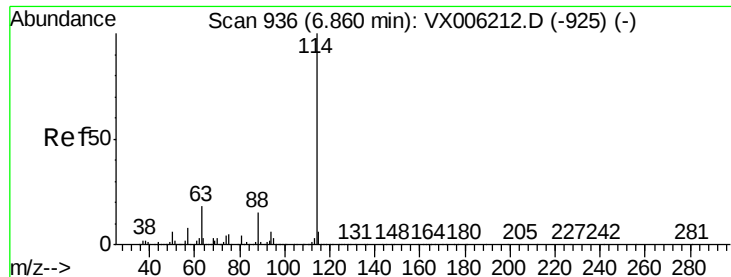
Tot Ion:	84	Resp:	9856
Ion	Ratio	Lower	Upper
84	100		
49	127.8	102.2	153.4
51	44.6	31.1	46.7
86	60.6	53.7	80.5



#33
1,2-Dichloroethane-d4
Concen: 49.163 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX006253.D
Acq: 03 Dec 2018 15:10

Tgt Ion:	65	Resp:	451497
Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	107.2

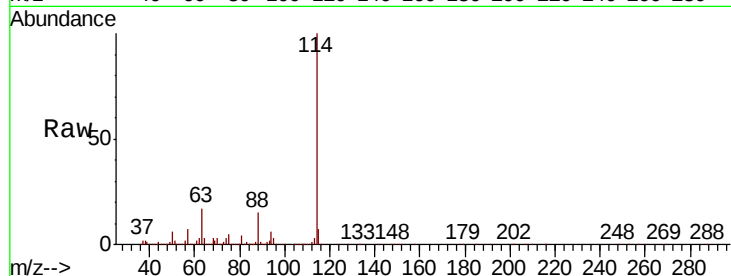




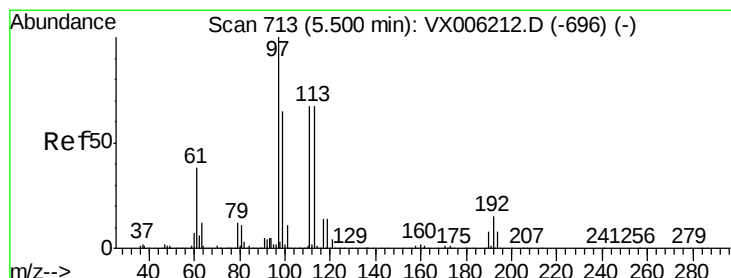
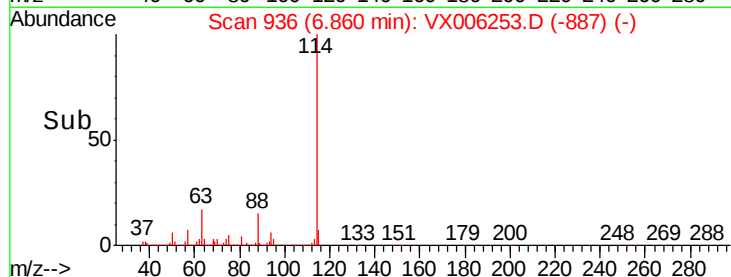
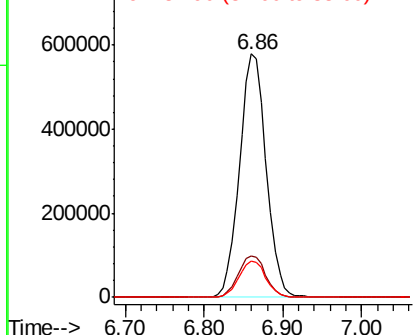
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX006253.D
Acq: 03 Dec 2018 15:10

Instrument :
MSVOA_X
ClientSampleId :
MH-H

Tot Ion:114 Resp: 1363324
Ion Ratio Lower Upper
114 100
63 17.0 0.0 36.6
88 14.9 0.0 29.0

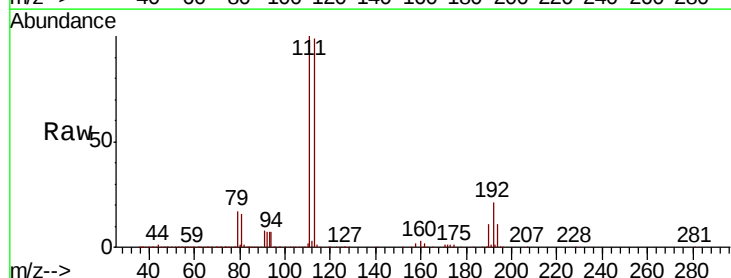


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

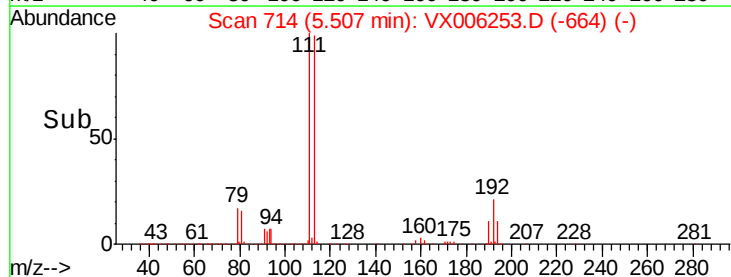
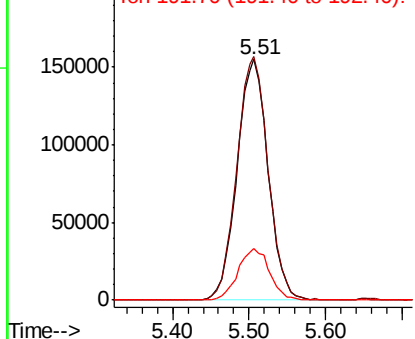


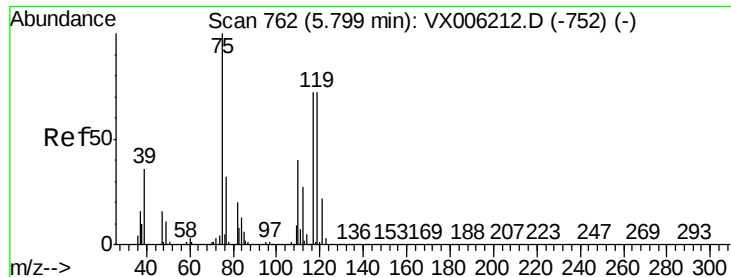
#35
Dibromofluoromethane
Concen: 49.370 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX006253.D
Acq: 03 Dec 2018 15:10

Tgt Ion:113 Resp: 435787
Ion Ratio Lower Upper
113 100
111 101.6 81.1 121.7
192 21.8 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

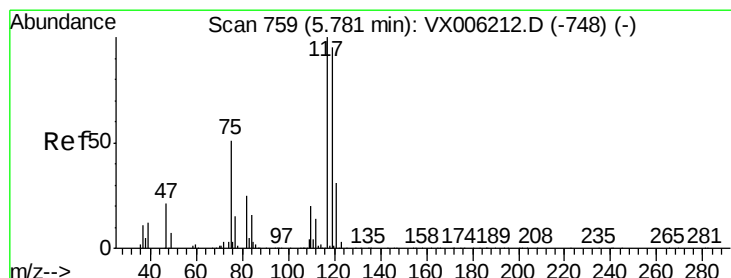
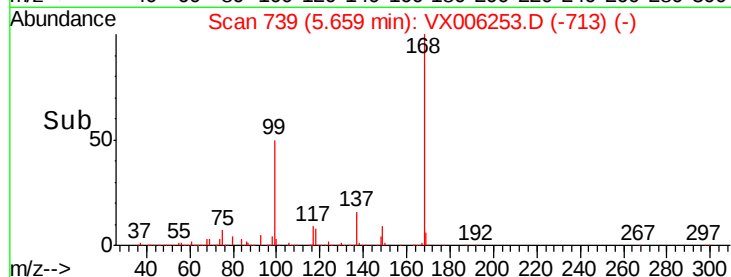
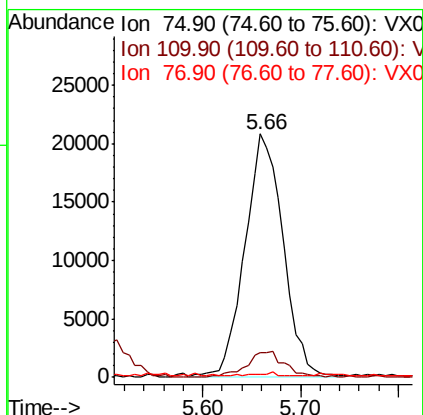
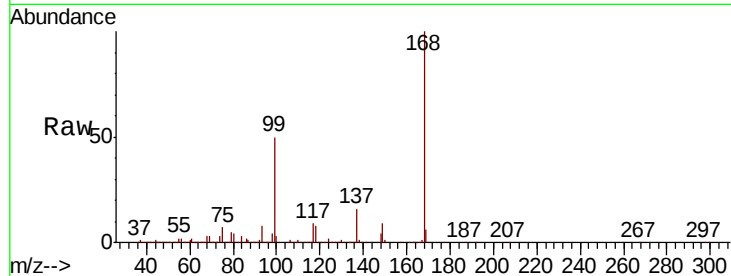




#36
 1,1-Dichloropropene
 Concen: 4.894 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX006253.D
 Acq: 03 Dec 2018 15:10

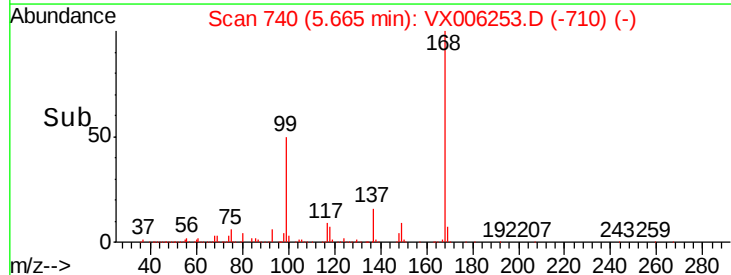
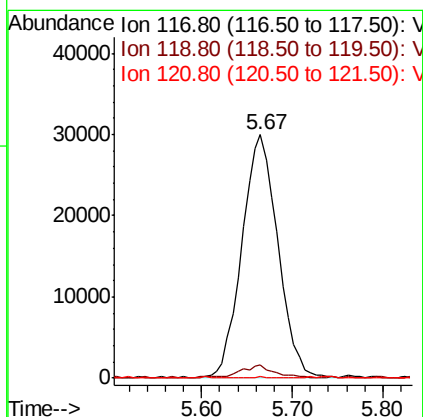
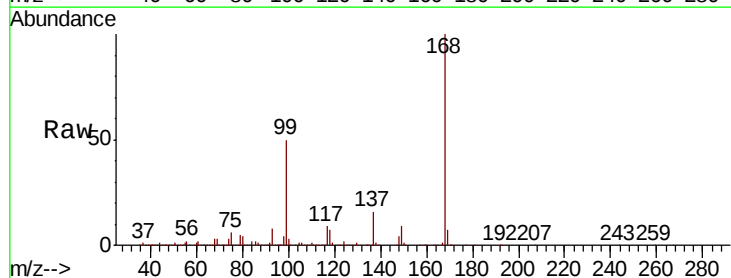
Instrument :
 MSVOA_X
 ClientSampled :
 MH-H

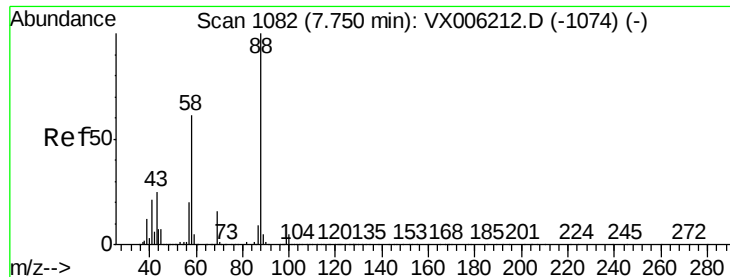
Tot Ion	Ratio	Lower	Upper
75	100		
110	11.0	20.4	61.3#
77	0.8	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 6.058 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX006253.D
 Acq: 03 Dec 2018 15:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.2	75.8	113.8#
121	0.5	24.6	37.0#





#49

1,4-Dioxane

Concen: 0.292 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. 0.01 min

Lab File: VX006253.D

Acq: 03 Dec 2018 15:10

Instrument :

MSVOA_X

ClientSampleId :

MH-H

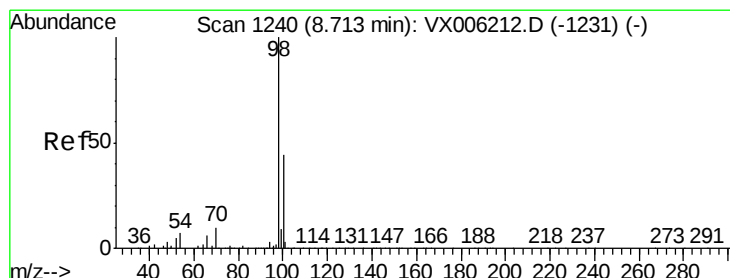
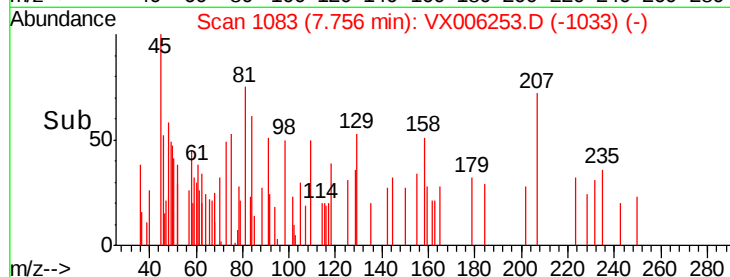
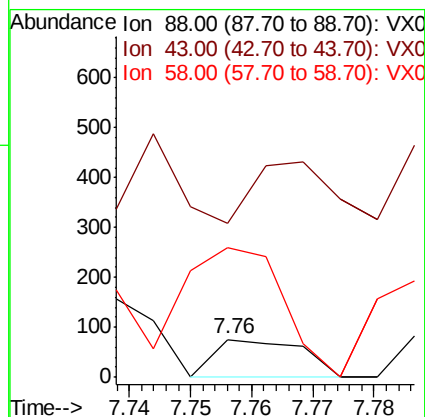
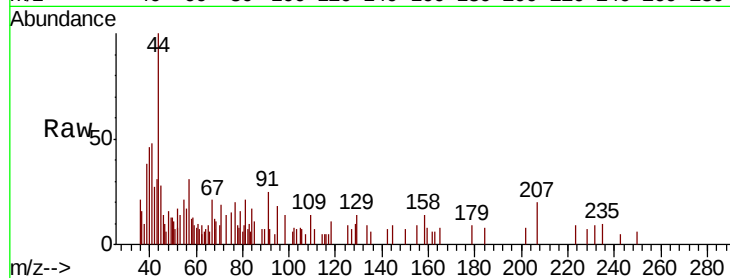
Tot Ion: 88 Resp: 75

Ion Ratio Lower Upper

88 100

43 145.3 23.2 34.8#

58 381.3 51.4 77.0#



#50

Toluene-d8

Concen: 49.334 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006253.D

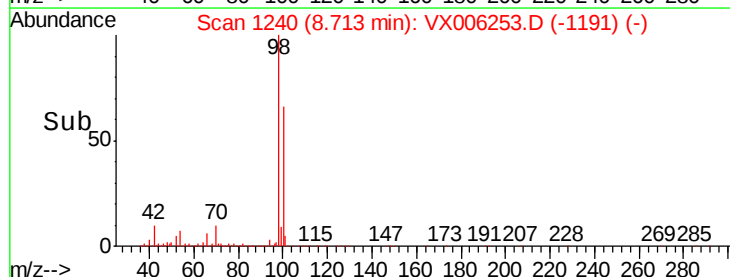
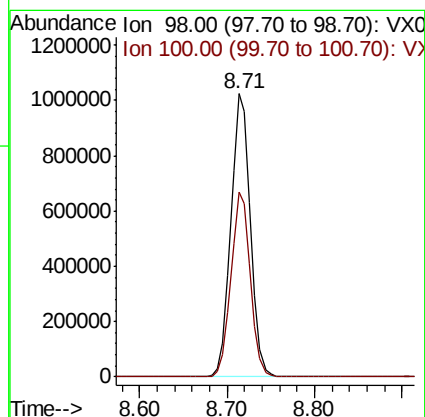
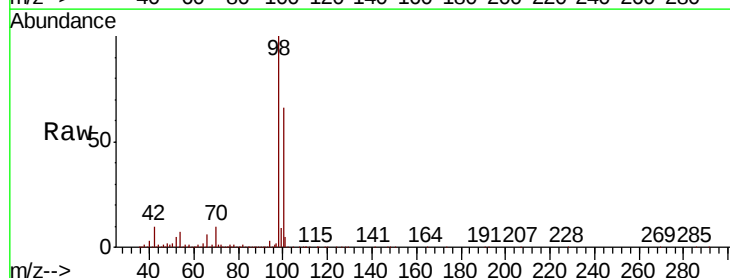
Acq: 03 Dec 2018 15:10

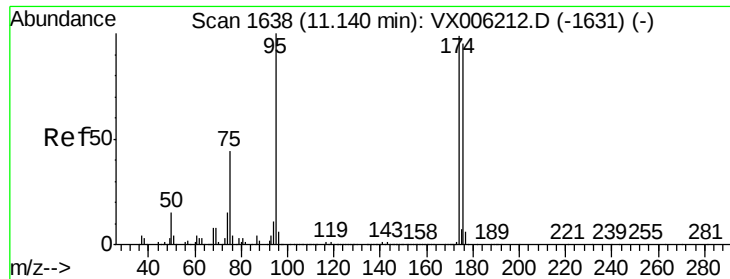
Tgt Ion: 98 Resp: 1583985

Ion Ratio Lower Upper

98 100

100 64.7 52.2 78.2





#62

4-Bromofluorobenzene

Concen: 48.055 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006253.D

Acq: 03 Dec 2018 15:10

Instrument :

MSVOA_X

ClientSampleId :

MH-H

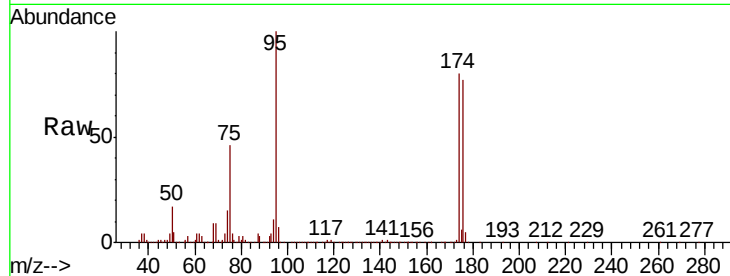
Tot Ion: 95 Resp: 581417

Ion Ratio Lower Upper

95 100

174 90.5 0.0 187.0

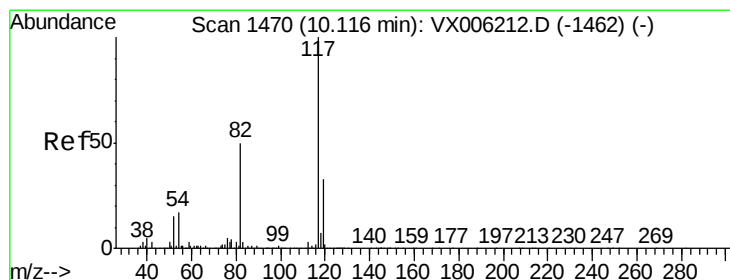
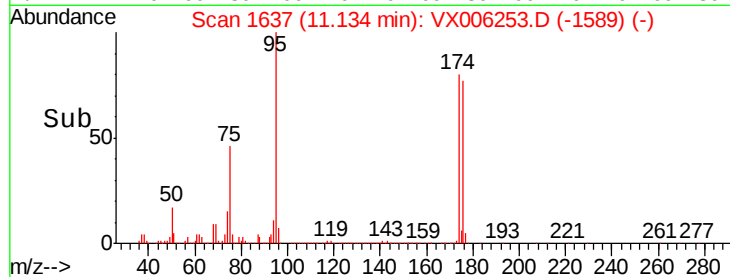
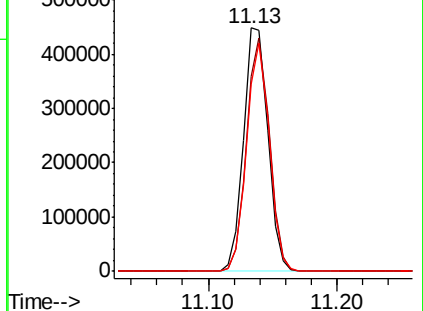
176 87.8 0.0 181.8



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: VX006253.D

Acq: 03 Dec 2018 15:10

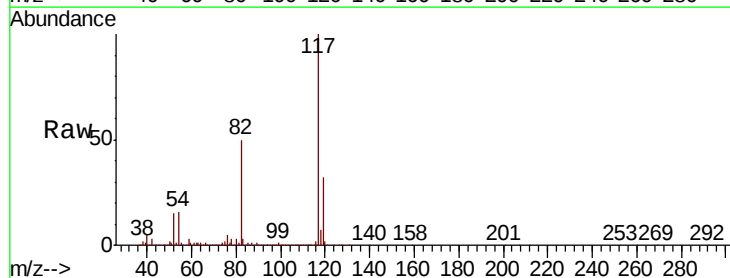
Tgt Ion: 117 Resp: 1241490

Ion Ratio Lower Upper

117 100

82 49.6 39.6 59.4

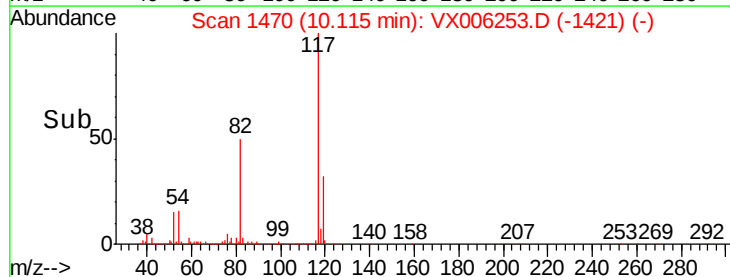
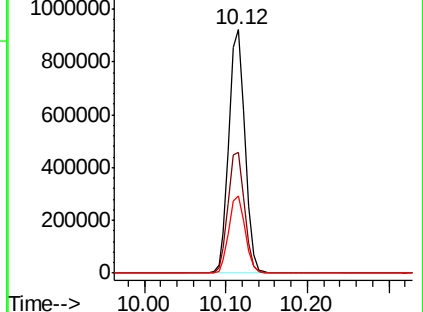
119 31.9 26.3 39.5

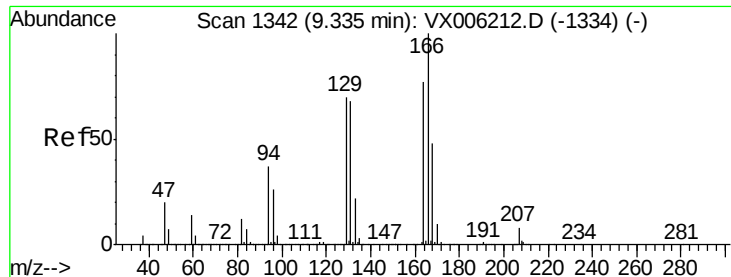


Abundance Ion 116.90 (116.60 to 117.60): VX006212.D (-1462) (-)

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

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





#64

Tetrachloroethene

Concen: 0.422 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX006253.D

Acq: 03 Dec 2018 15:10

Instrument :

MSVOA_X

ClientSampleId :

MH-H

Tot Ion:164 Resp: 3949

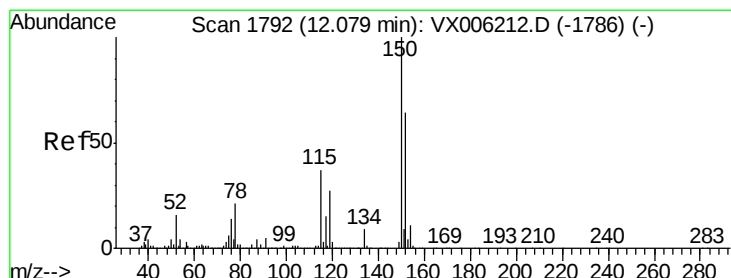
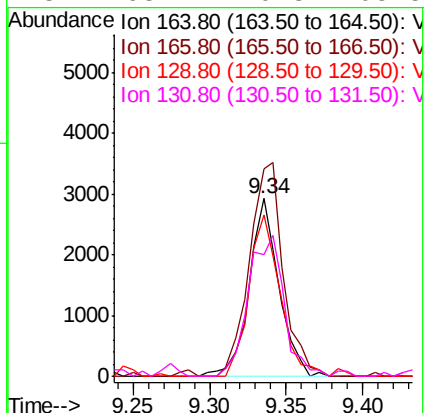
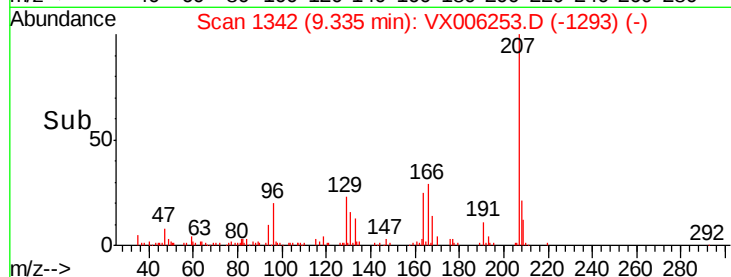
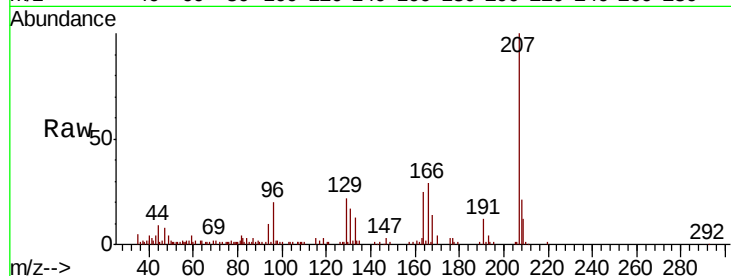
Ion Ratio Lower Upper

164 100

166 116.7 104.2 156.2

129 90.7 72.6 108.8

131 68.7 70.3 105.5#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006253.D

Acq: 03 Dec 2018 15:10

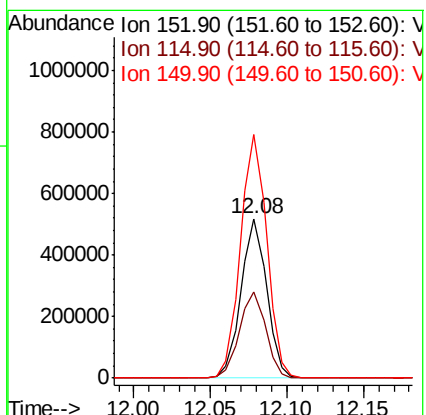
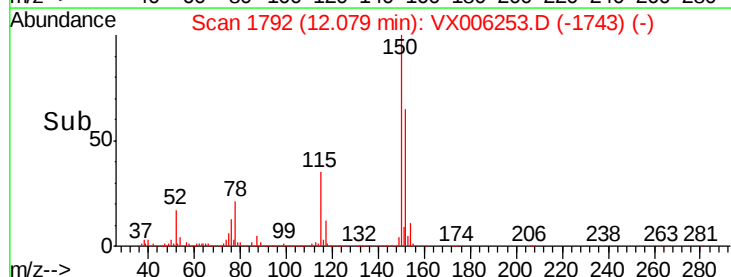
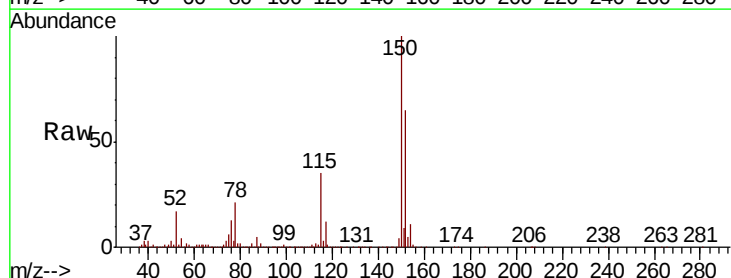
Tgt Ion:152 Resp: 603955

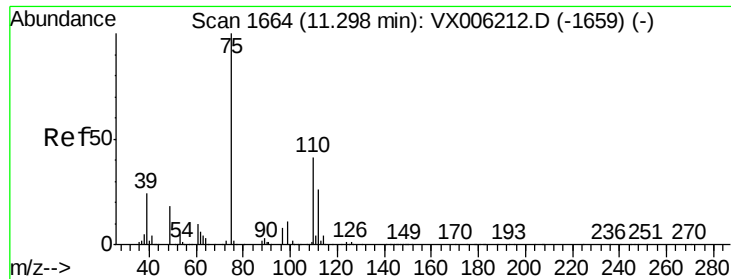
Ion Ratio Lower Upper

152 100

115 55.7 39.0 116.9

150 156.4 0.0 345.8

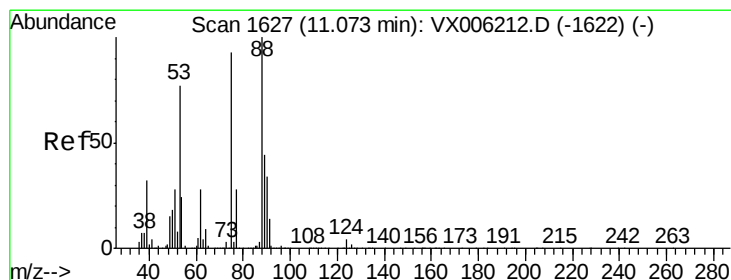
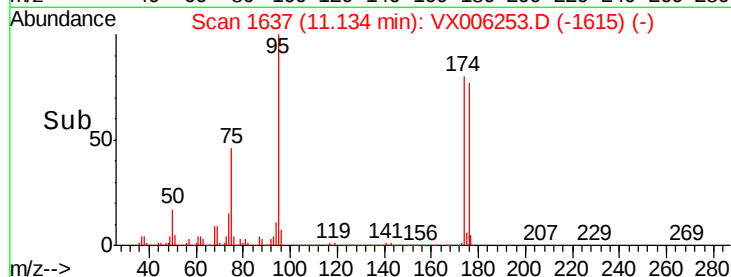
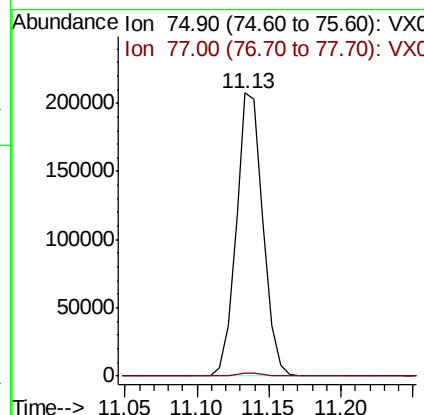
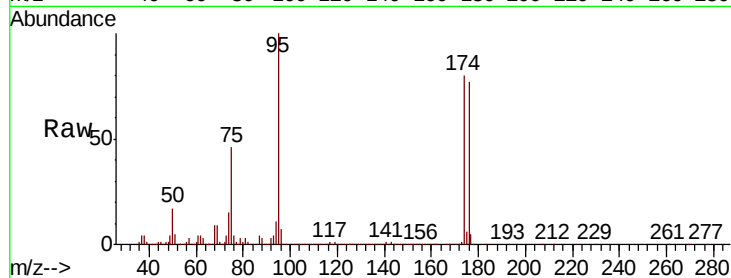




#76
 1,2,3-Trichloropropane
 Concen: 22.980 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX006253.D
 Acq: 03 Dec 2018 15:10

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-H

Tot Ion: 75 Resp: 267886
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.9 59.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 53.928 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX006253.D
 Acq: 03 Dec 2018 15:10

Tgt Ion: 75 Resp: 267886
 Ion Ratio Lower Upper
 75 100
 53 0.0 64.4 96.6#
 89 0.0 44.2 66.4#

