

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121218\
 Data File : VX006456.D
 Acq On : 12 Dec 2018 20:12
 Operator : JC/MD
 Sample : J6358-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-SW4002-20181211

Quant Time: Dec 13 06:14:21 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	676739	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1072437	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	964763	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	456724	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	359682	52.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.12%	
35) Dibromofluoromethane	5.51	113	319362	45.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.98%	
50) Toluene-d8	8.71	98	1247641	49.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.80%	
62) 4-Bromofluorobenzene	11.13	95	460020	48.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.66%	

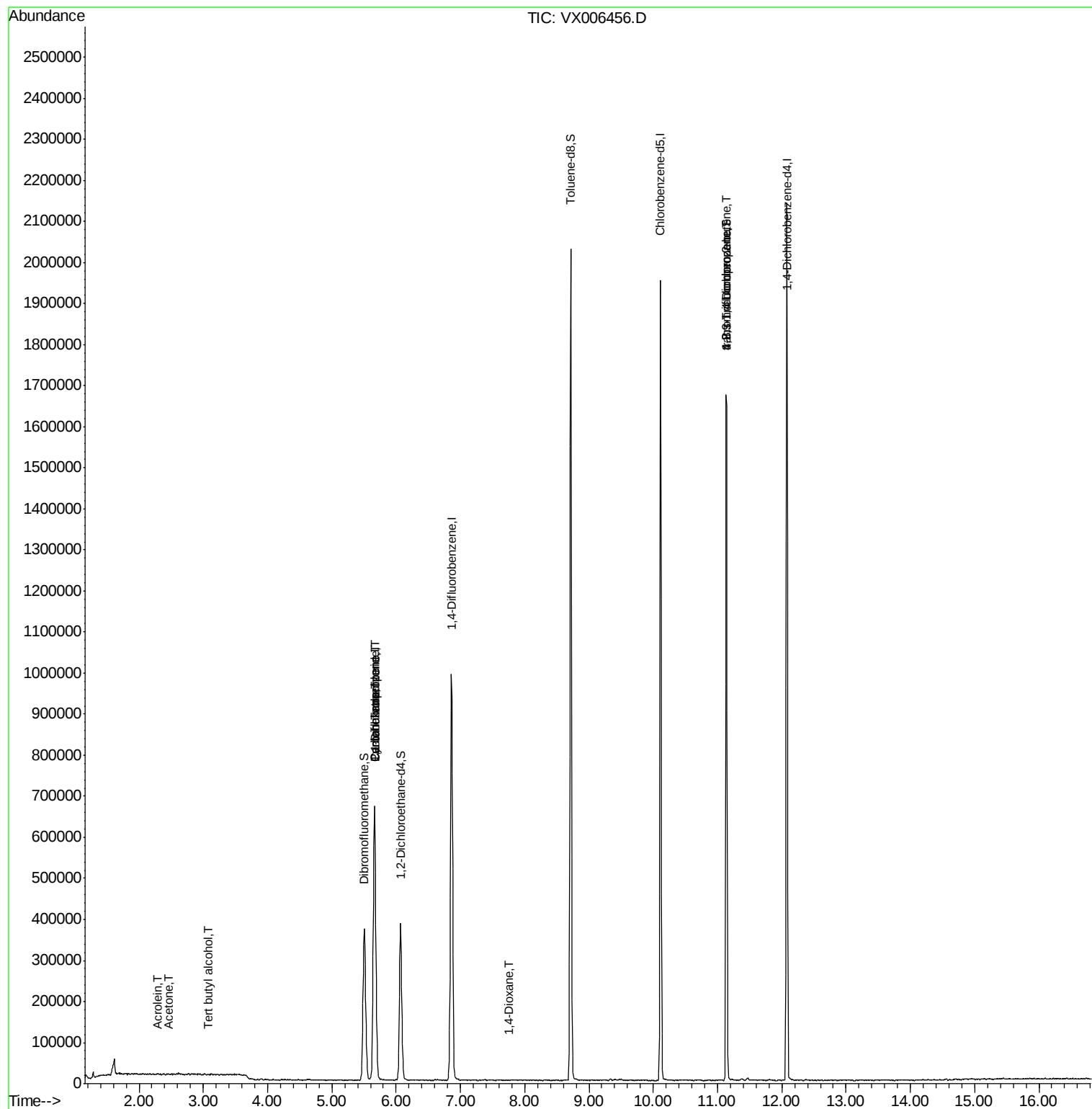
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.07	59	428	0.227	ug/l #	1
13) Acrolein	2.29	56	375	0.363	ug/l #	76
16) Acetone	2.46	43	1758	0.542	ug/l #	83
31) Cyclohexane	5.66	56	11353	1.138	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	44950	4.977	ug/l #	48
38) Carbon Tetrachloride	5.67	117	64268	6.049	ug/l #	17
49) 1,4-Dioxane	7.76	88	104	0.514	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	207875	23.581	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.13	75	207875	55.337	ug/l #	15

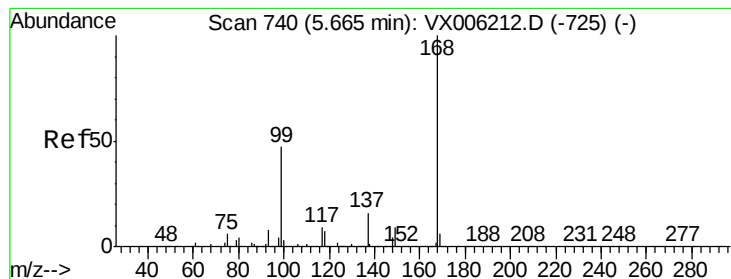
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121218\
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ClientSampleId :
BP-TT-SW4002-20181211

Quant Time: Dec 13 06:14:21 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: VX006456.D

Acq: 12 Dec 2018 20:12

Instrument :

MSVOA_X

ClientSampleId :

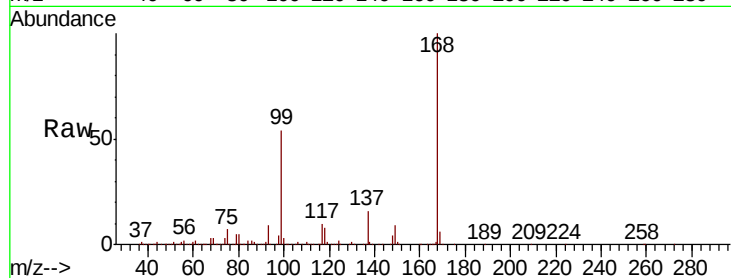
BP-TT-SW4002-20181211

Tot Ion:168 Resp: 676739

Ion Ratio Lower Upper

168 100

99 54.0 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): VX006456.D (-691) (-)

Ion 98.90 (98.60 to 99.60): VX006456.D (-691) (-)

5.67

250000

200000

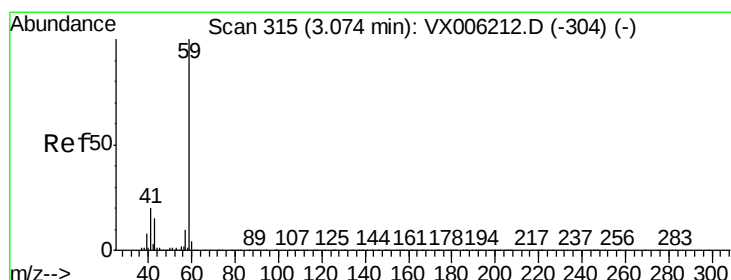
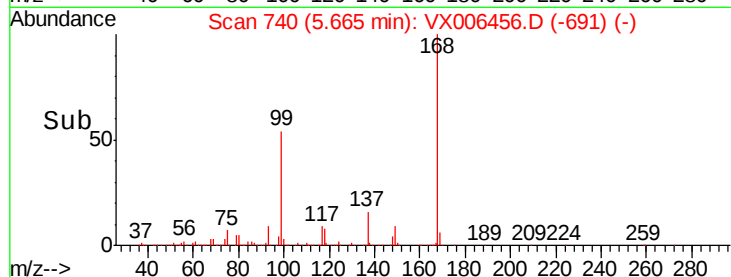
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 0.227 ug/l

RT: 3.07 min Scan# 314

Delta R.T. -0.01 min

Lab File: VX006456.D

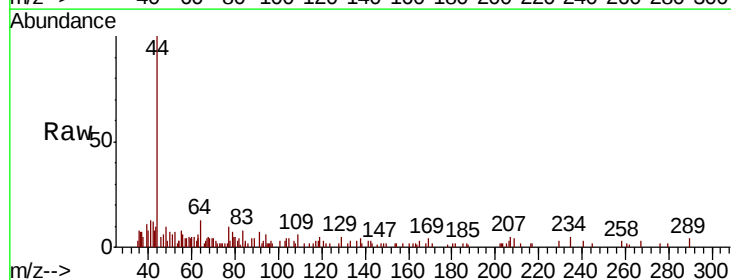
Acq: 12 Dec 2018 20:12

Tgt Ion: 59 Resp: 428

Ion Ratio Lower Upper

59 100

57 114.5 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX006456.D (-266) (-)

Ion 57.00 (56.70 to 57.70): VX006456.D (-266) (-)

3.07

500

400

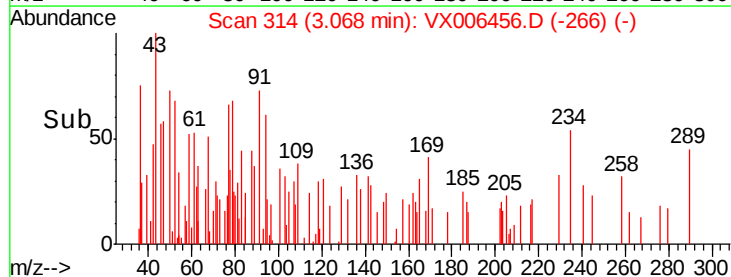
300

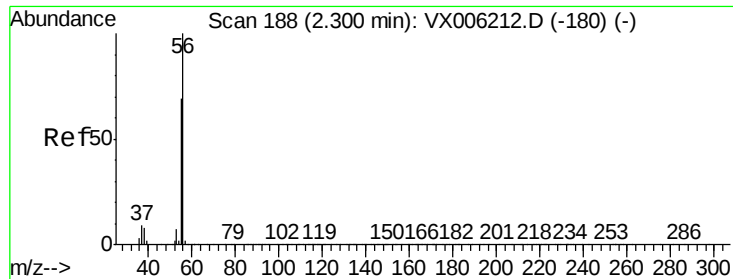
200

100

0

Time-->

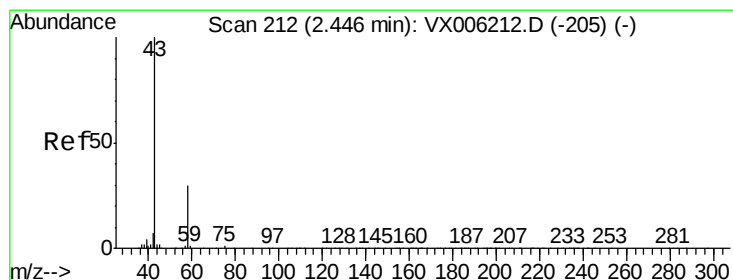
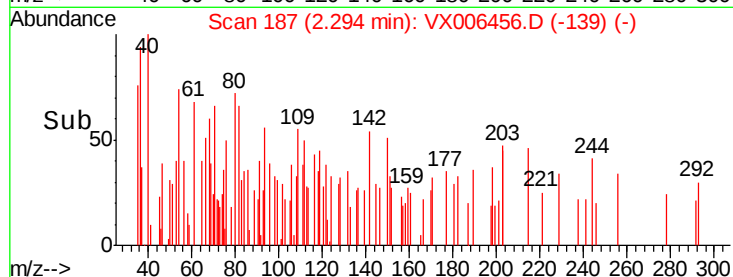
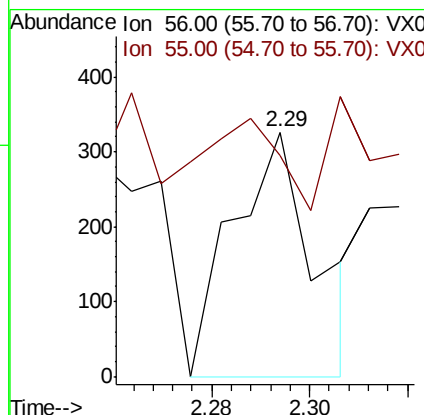
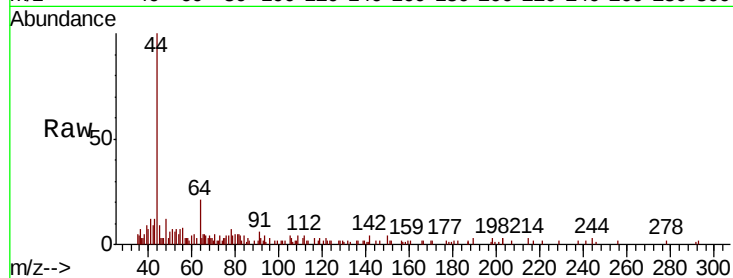




#13
Acrolein
Concen: 0.363 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.01 min
Lab File: VX006456.D
Acq: 12 Dec 2018 20:12

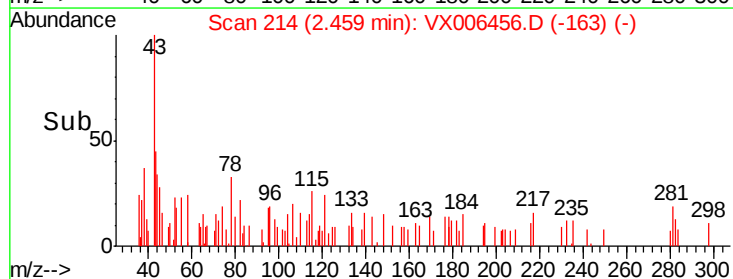
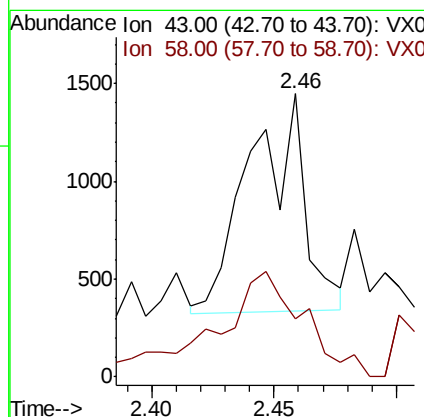
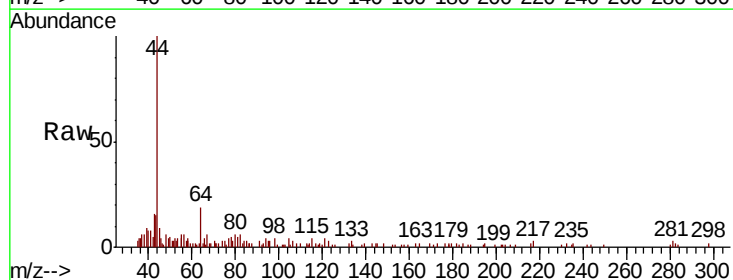
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-SW4002-20181211

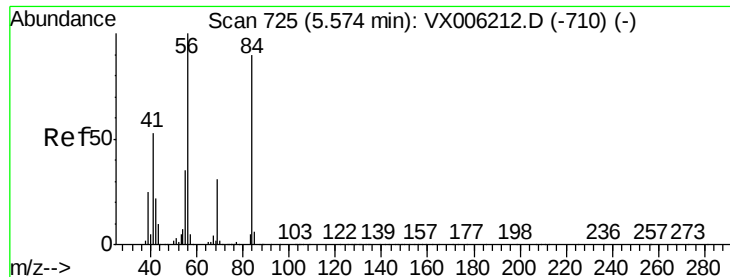
Tot Ion: 56 Resp: 375
Ion Ratio Lower Upper
56 100
55 52.3 57.8 86.6#



#16
Acetone
Concen: 0.542 ug/l
RT: 2.46 min Scan# 214
Delta R.T. 0.01 min
Lab File: VX006456.D
Acq: 12 Dec 2018 20:12

Tgt Ion: 43 Resp: 1758
Ion Ratio Lower Upper
43 100
58 20.8 24.0 36.0#

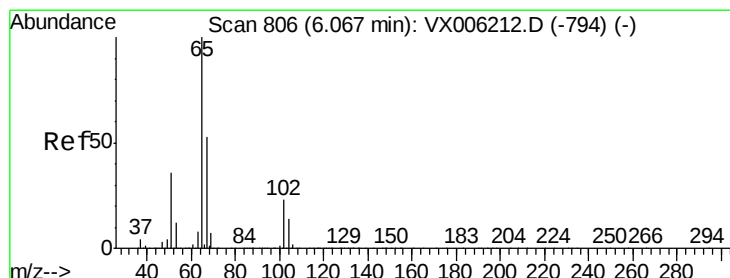
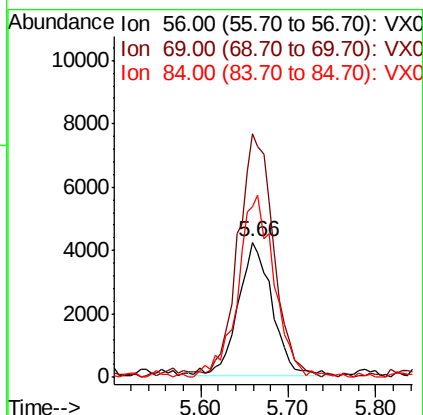
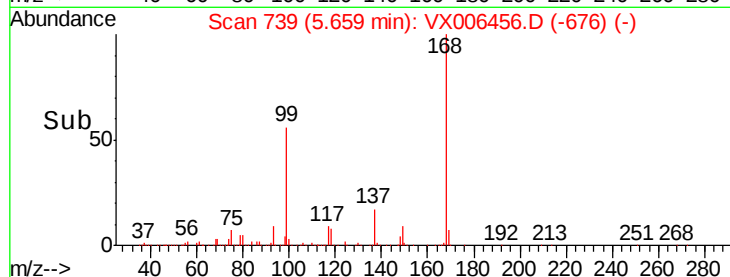
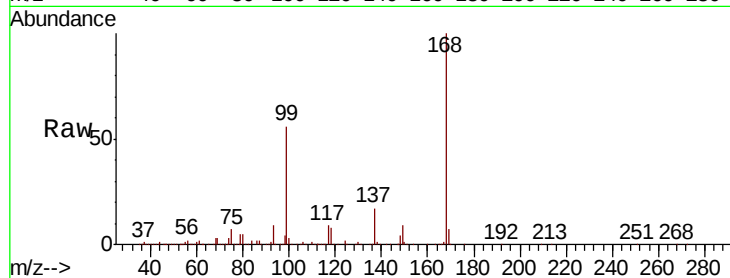




#31
Cyclohexane
Concen: 1.138 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX006456.D
Acq: 12 Dec 2018 20:12

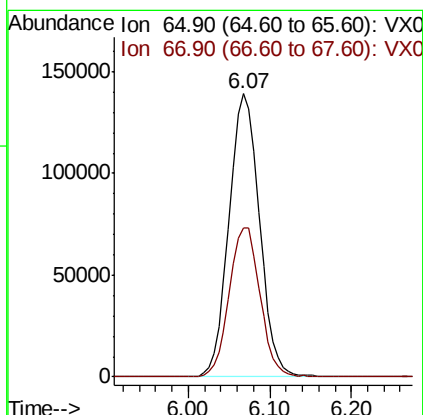
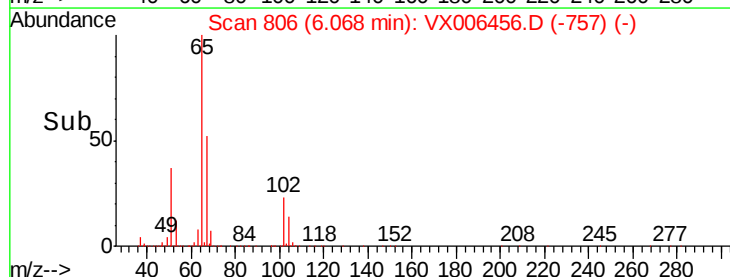
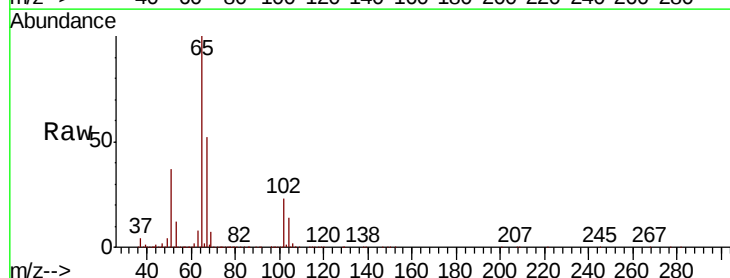
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-SW4002-20181211

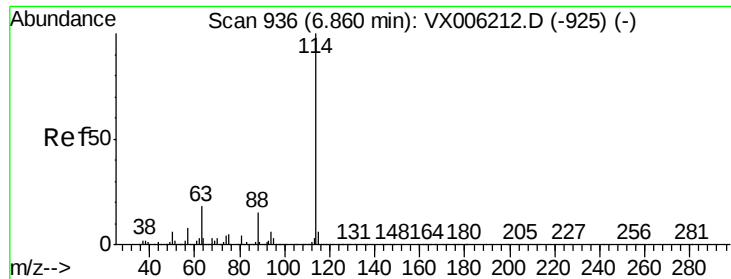
Tot Ion: 56 Resp: 11353
Ion Ratio Lower Upper
56 100
69 182.8 24.5 36.7#
84 127.7 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 52.064 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006456.D
Acq: 12 Dec 2018 20:12

Tgt Ion: 65 Resp: 359682
Ion Ratio Lower Upper
65 100
67 53.2 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: VX006456.D

Acq: 12 Dec 2018 20:12

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-SW4002-20181211

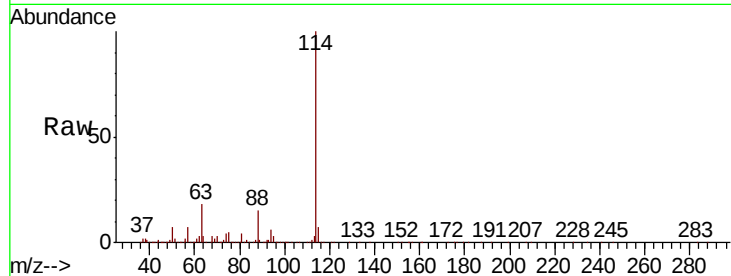
Tot Ion:114 Resp: 1072437

Ion Ratio Lower Upper

114 100

63 17.7 0.0 36.6

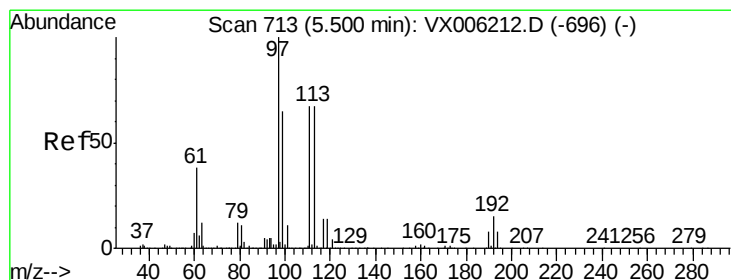
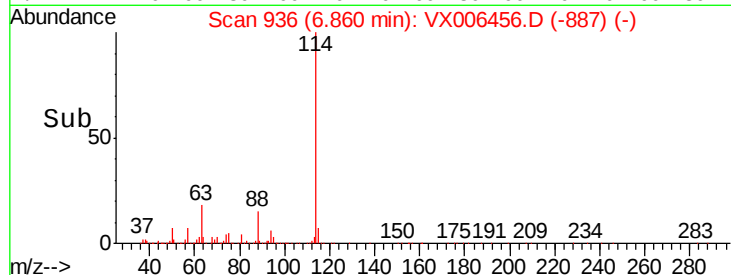
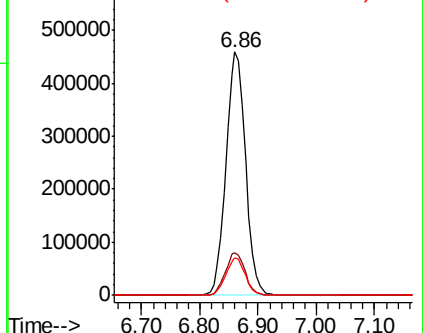
88 15.3 0.0 29.0



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: 45.994 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006456.D

Acq: 12 Dec 2018 20:12

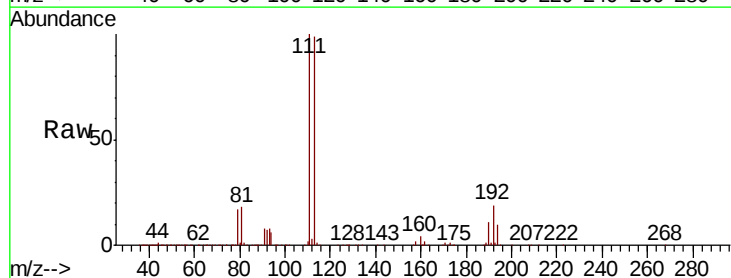
Tgt Ion:113 Resp: 319362

Ion Ratio Lower Upper

113 100

111 102.7 81.1 121.7

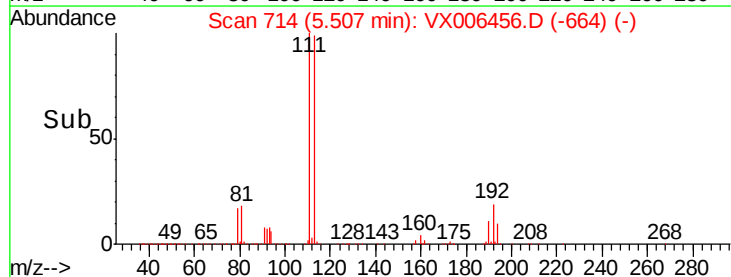
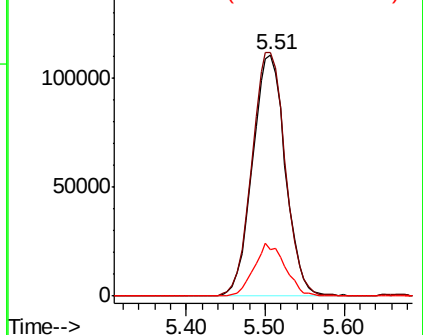
192 20.8 18.2 27.2

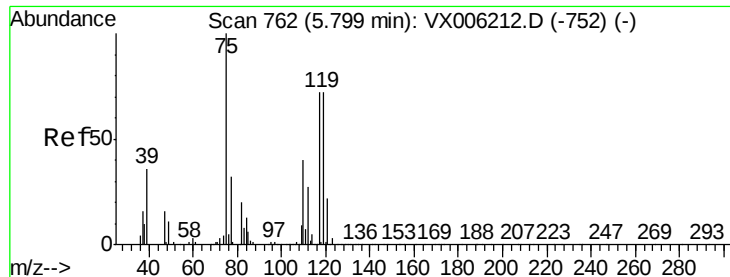


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.977 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX006456.D

Acq: 12 Dec 2018 20:12

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-SW4002-20181211

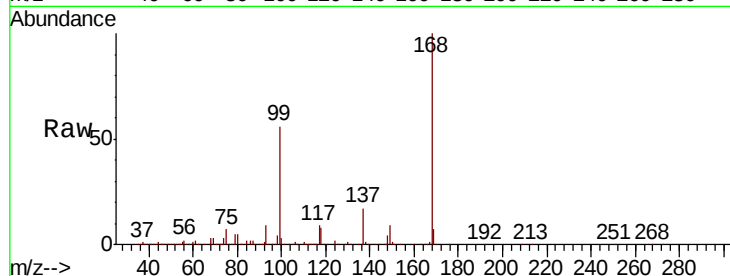
Tot Ion: 75 Resp: 44950

Ion Ratio Lower Upper

75 100

110 10.0 20.4 61.3#

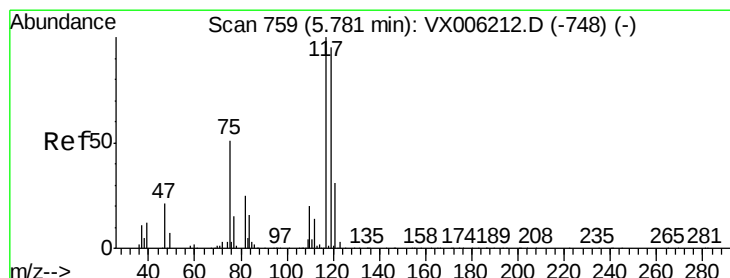
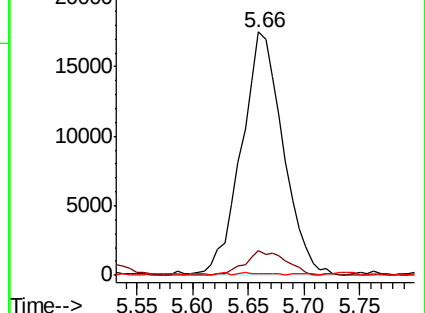
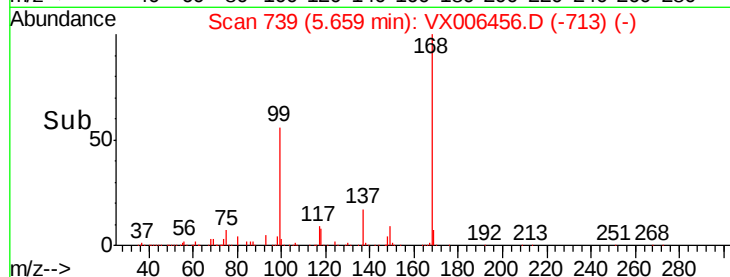
77 0.7 24.9 37.3#



Abundance Ion 74.90 (74.60 to 75.60): VX006456.D (-713) (-)

Ion 109.90 (109.60 to 110.60): VX006456.D (-713) (-)

Ion 76.90 (76.60 to 77.60): VX006456.D (-713) (-)



#38

Carbon Tetrachloride

Concen: 6.049 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX006456.D

Acq: 12 Dec 2018 20:12

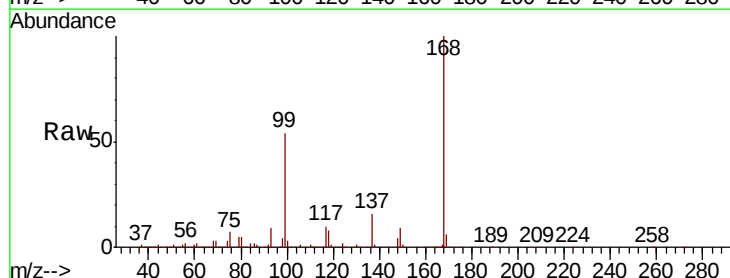
Tgt Ion: 117 Resp: 64268

Ion Ratio Lower Upper

117 100

119 5.5 75.8 113.8#

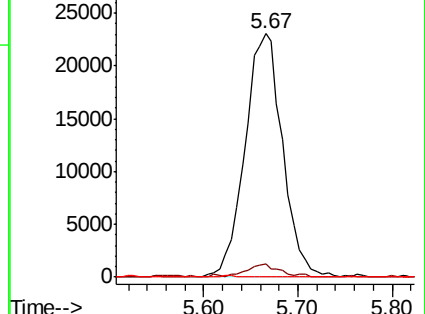
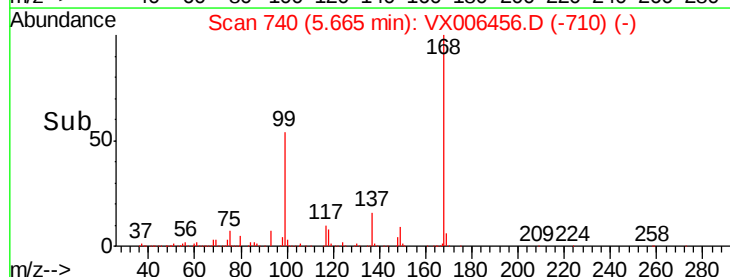
121 0.3 24.6 37.0#

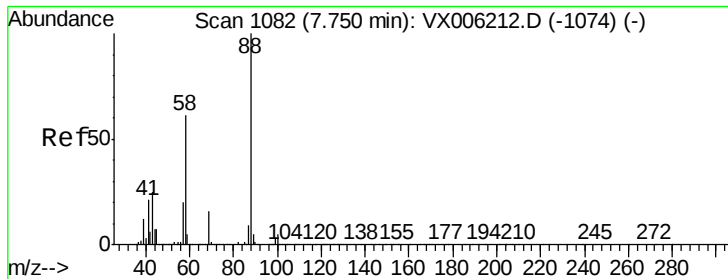


Abundance Ion 116.80 (116.50 to 117.50): VX006456.D (-710) (-)

Ion 118.80 (118.50 to 119.50): VX006456.D (-710) (-)

Ion 120.80 (120.50 to 121.50): VX006456.D (-710) (-)





#49

1,4-Dioxane

Concen: 0.514 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. 0.01 min

Lab File: VX006456.D

Acq: 12 Dec 2018 20:12

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-SW4002-20181211

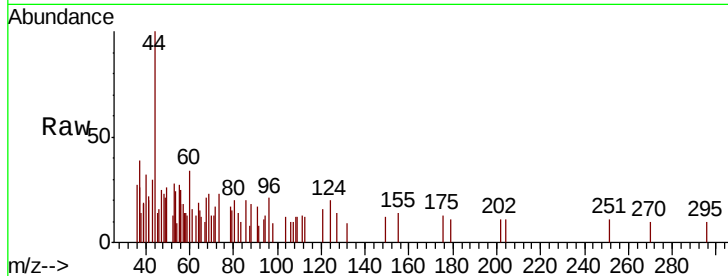
Tot Ion: 88 Resp: 104

Ion Ratio Lower Upper

88 100

43 248.1 23.2 34.8#

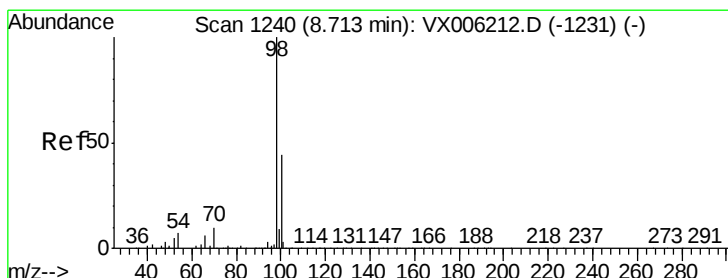
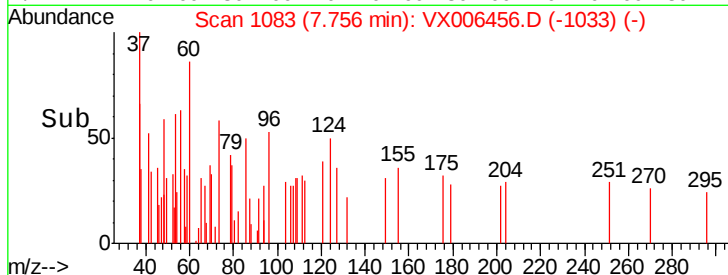
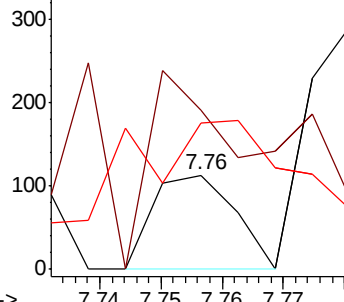
58 368.3 51.4 77.0#



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: 49.398 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006456.D

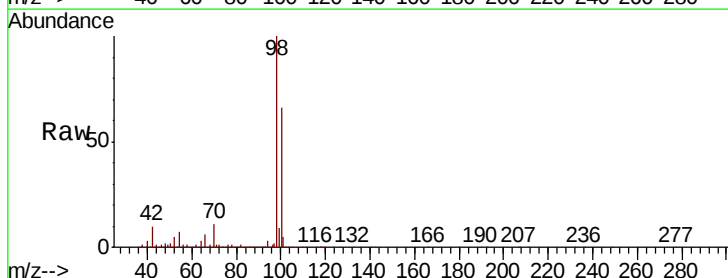
Acq: 12 Dec 2018 20:12

Tgt Ion: 98 Resp: 1247641

Ion Ratio Lower Upper

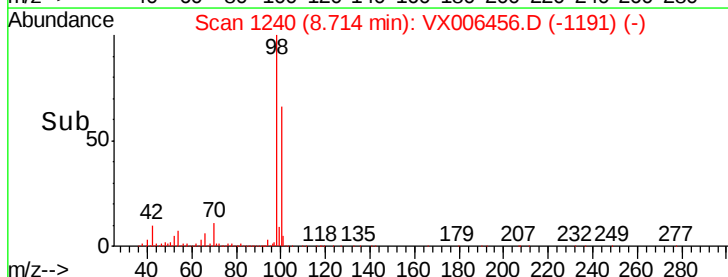
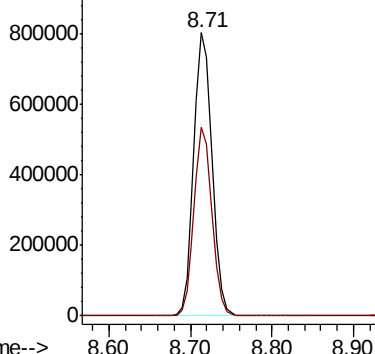
98 100

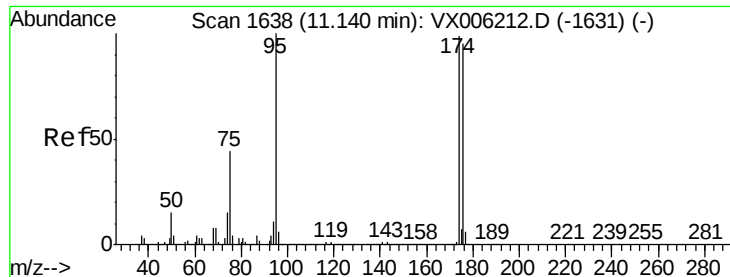
100 65.1 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 48.334 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006456.D

Acq: 12 Dec 2018 20:12

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-SW4002-20181211

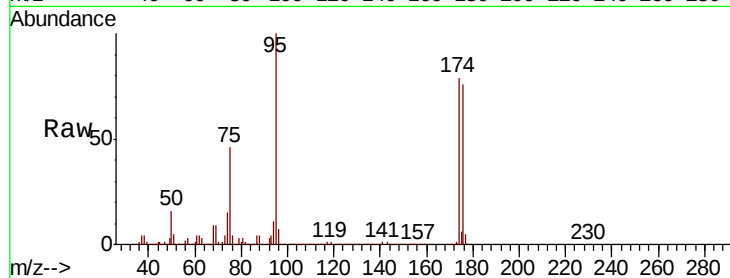
Tot Ion: 95 Resp: 460020

Ion Ratio Lower Upper

95 100

174 85.3 0.0 187.0

176 83.1 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

500000

400000

300000

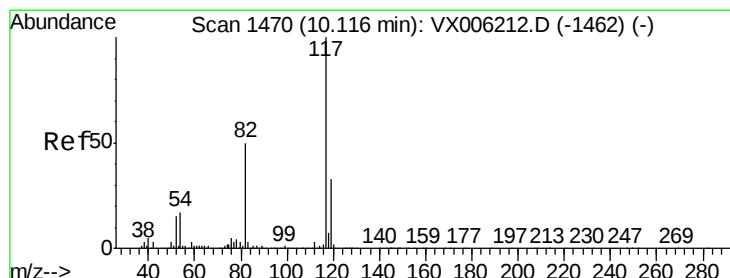
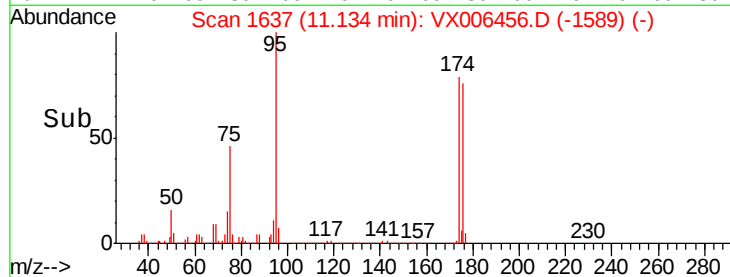
200000

100000

0

11.10 11.20

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX006456.D

Acq: 12 Dec 2018 20:12

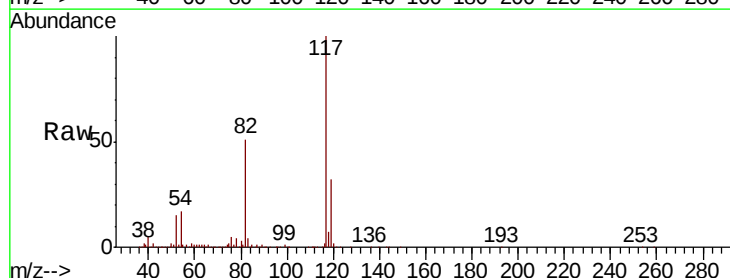
Tgt Ion: 117 Resp: 964763

Ion Ratio Lower Upper

117 100

82 50.5 39.6 59.4

119 32.5 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

800000

600000

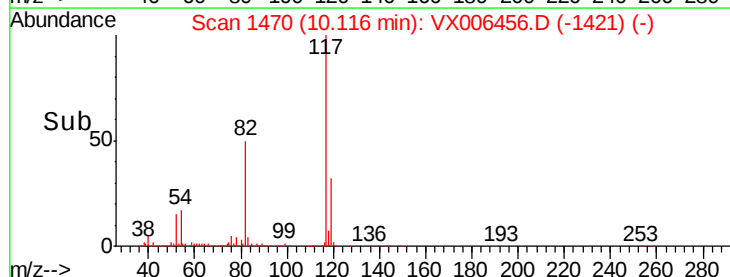
400000

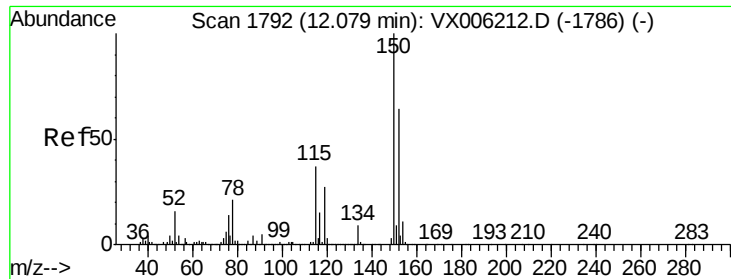
200000

0

10.10 10.20

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006456.D

Acq: 12 Dec 2018 20:12

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-SW4002-20181211

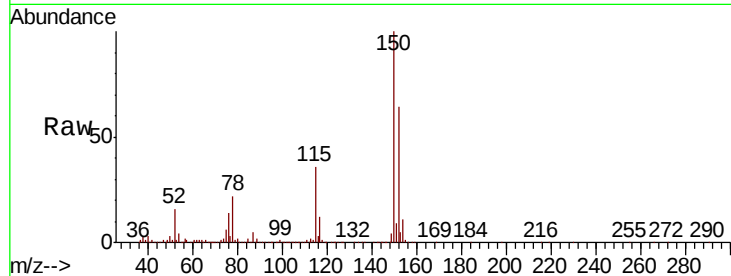
Tot Ion:152 Resp: 456724

Ion Ratio Lower Upper

152 100

115 57.5 39.0 116.9

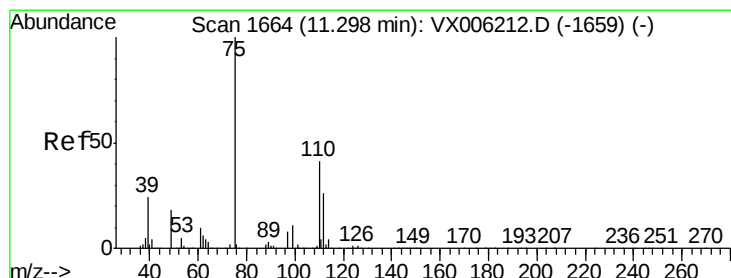
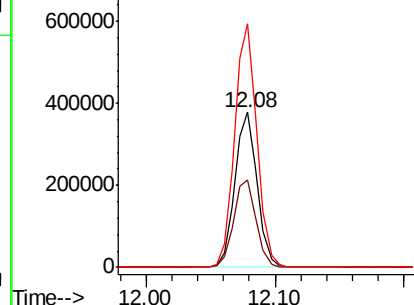
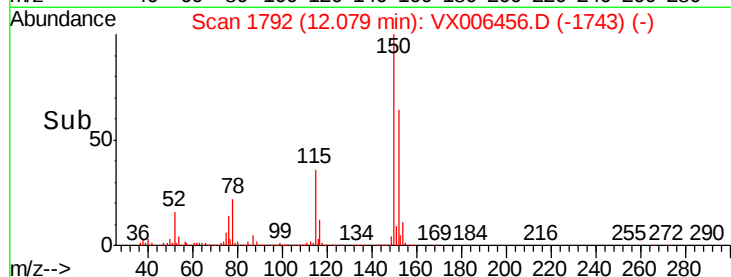
150 157.7 0.0 345.8



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: 23.581 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX006456.D

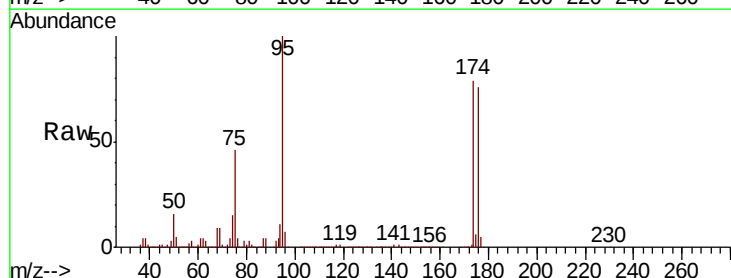
Acq: 12 Dec 2018 20:12

Tgt Ion: 75 Resp: 207875

Ion Ratio Lower Upper

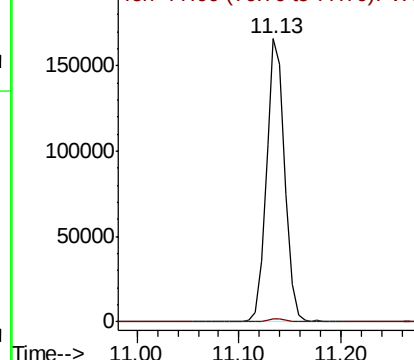
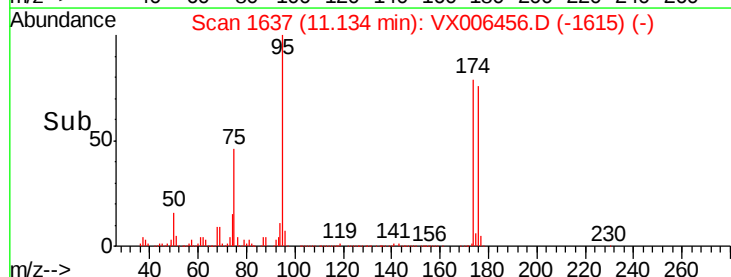
75 100

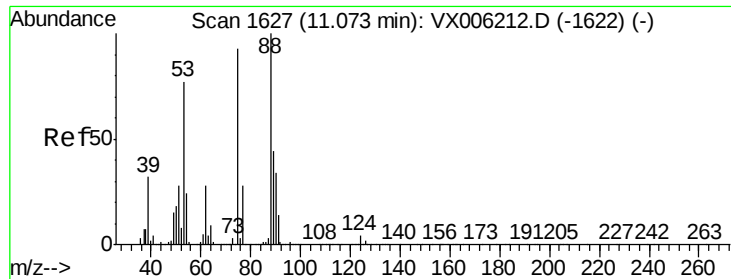
77 1.0 19.9 59.7#



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: 55.337 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006456.D

Acq: 12 Dec 2018 20:12

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-SW4002-20181211

Tot Ion: 75 Resp: 207875

Ion Ratio Lower Upper

75 100

53 0.2 64.4 96.6#

89 0.0 44.2 66.4#

