

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121018\
 Data File : VX006381.D
 Acq On : 10 Dec 2018 20:12
 Operator : JC/MD
 Sample : J6288-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW309I-20181206

Quant Time: Dec 11 04:00:08 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	705364	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1110170	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1002686	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	474887	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	364835	50.67	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.34%	
35) Dibromofluoromethane	5.51	113	342827	47.69	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.38%	
50) Toluene-d8	8.71	98	1291296	49.39	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.78%	
62) 4-Bromofluorobenzene	11.13	95	479310	48.65	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.30%	

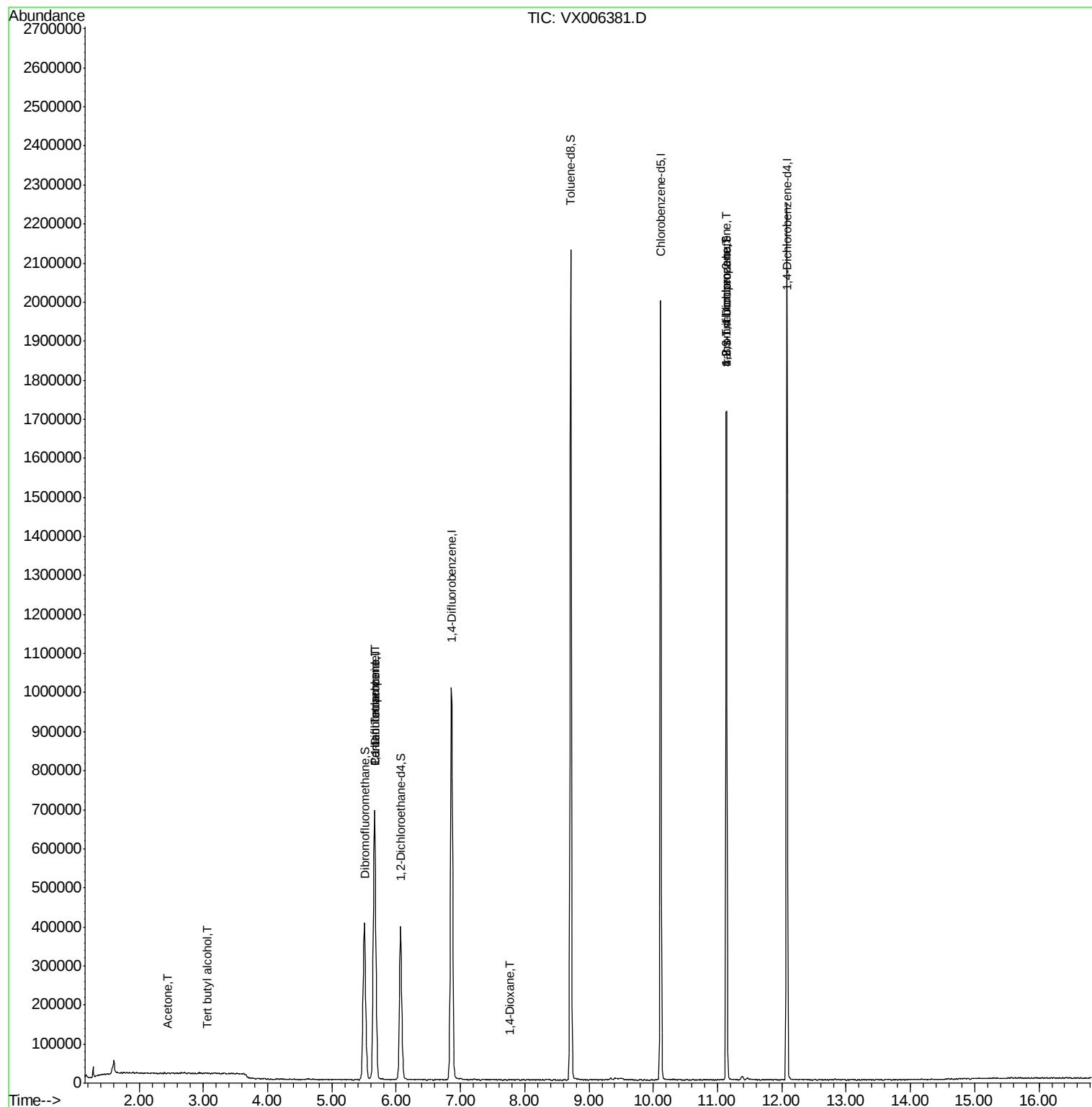
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.06	59	725	0.368	ug/l #	1
16) Acetone	2.43	43	916	0.271	ug/l #	45
36) 1,1-Dichloropropene	5.67	75	46195	4.941	ug/l #	49
38) Carbon Tetrachloride	5.67	117	66256	6.024	ug/l #	16
49) 1,4-Dioxane	7.77	88	466	2.227	ug/l #	58
76) 1,2,3-Trichloropropane	11.13	75	217967	23.780	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.13	75	217967	55.804	ug/l #	15

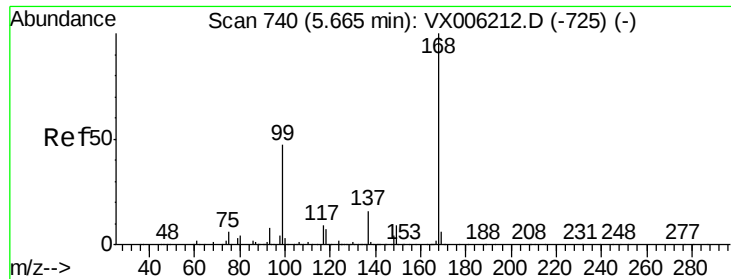
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX006381.D

Acq: 10 Dec 2018 20:12

Instrument :

MSVOA_X

ClientSampleId :

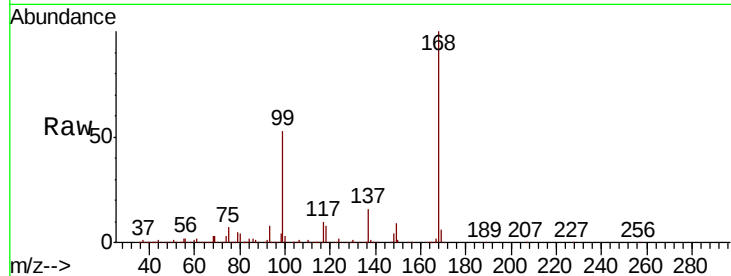
BPS1-TT-MW309I-20181206

Tot Ion:168 Resp: 705364

Ion Ratio Lower Upper

168 100

99 52.9 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): VX006381.D (-691) (-)

Ion 98.90 (98.60 to 99.60): VX006381.D (-691) (-)

5.67

250000

200000

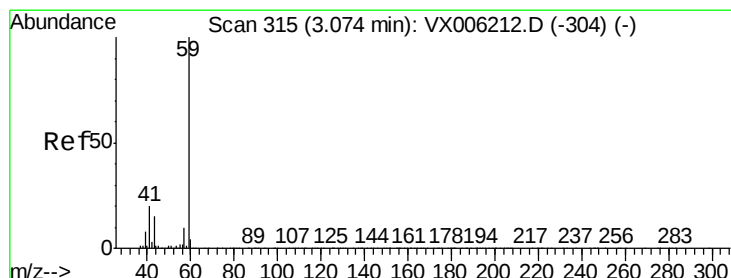
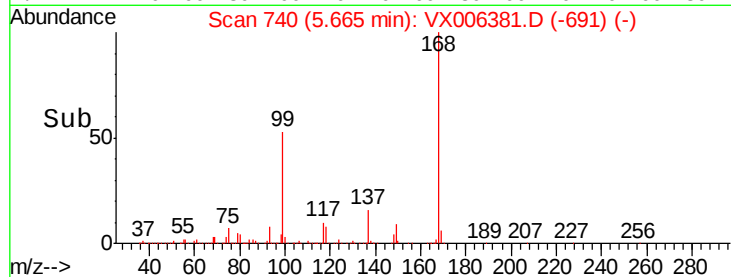
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 0.368 ug/l

RT: 3.06 min Scan# 313

Delta R.T. -0.01 min

Lab File: VX006381.D

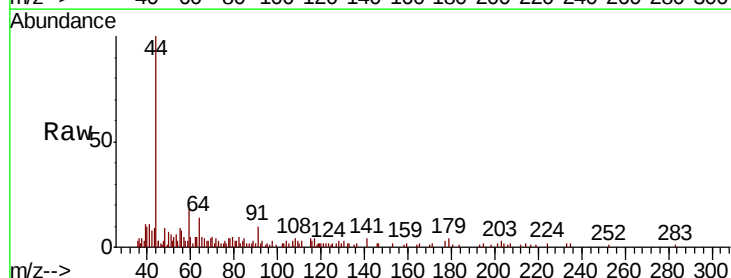
Acq: 10 Dec 2018 20:12

Tgt Ion: 59 Resp: 725

Ion Ratio Lower Upper

59 100

57 48.6 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX006381.D (-266) (-)

Ion 57.00 (56.70 to 57.70): VX006381.D (-266) (-)

3.06

1000

800

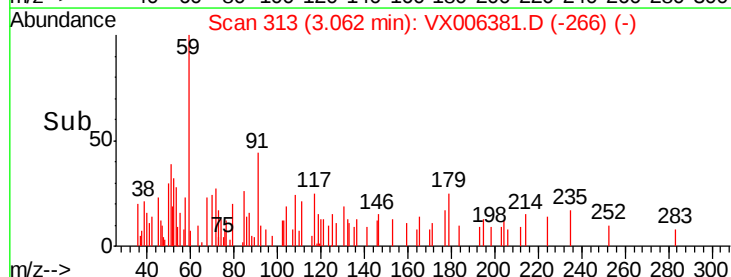
600

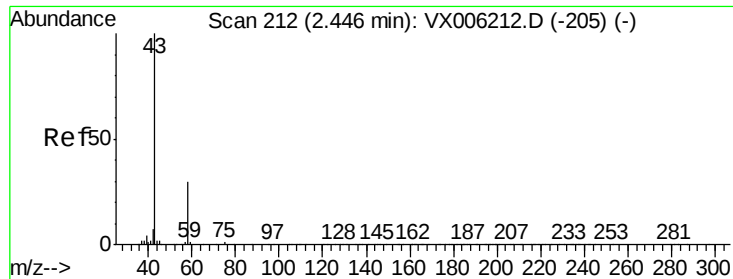
400

200

0

Time-->

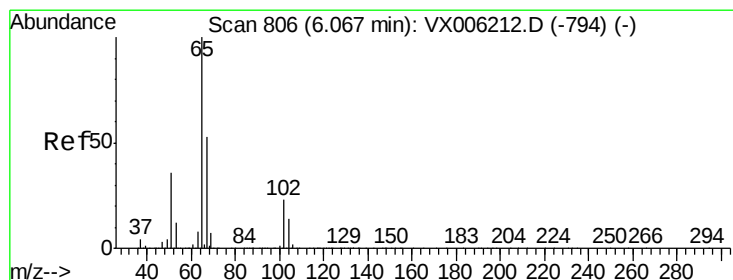
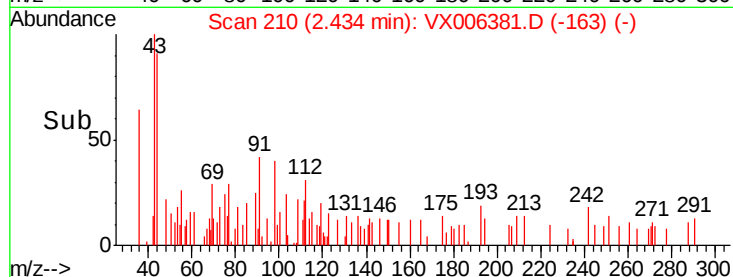
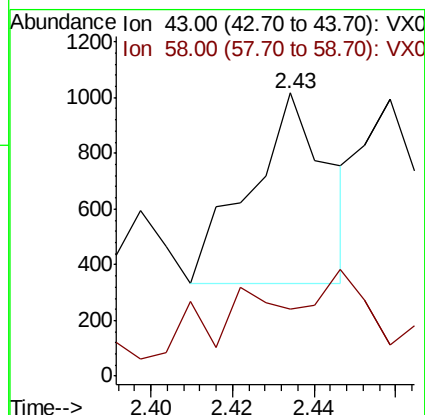
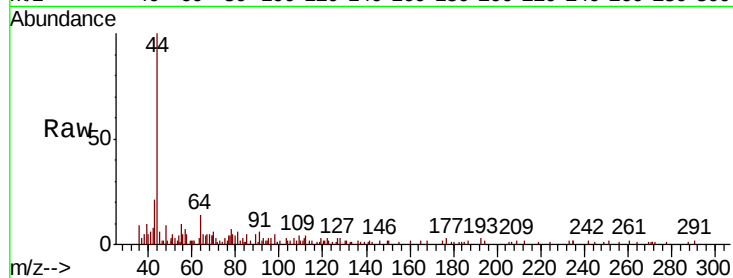




#16
Acetone
Concen: 0.271 ug/l
RT: 2.43 min Scan# 210
Delta R.T. -0.01 min
Lab File: VX006381.D
Acq: 10 Dec 2018 20:12

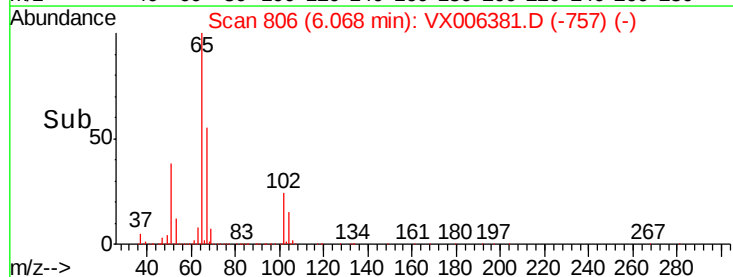
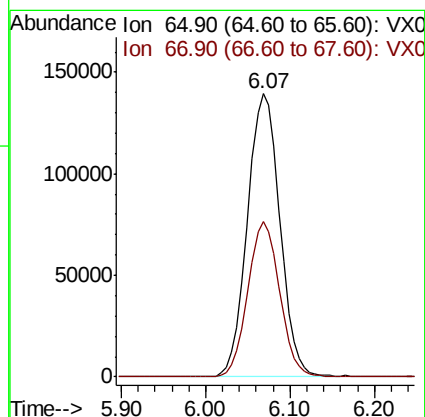
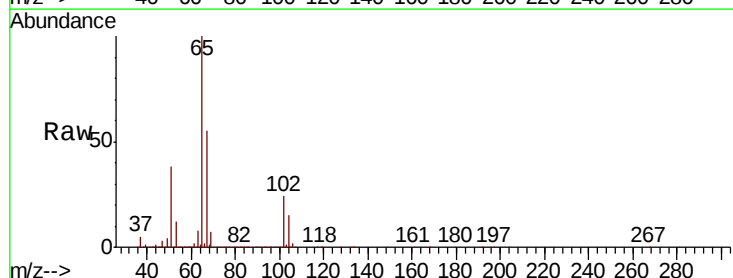
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW309I-20181206

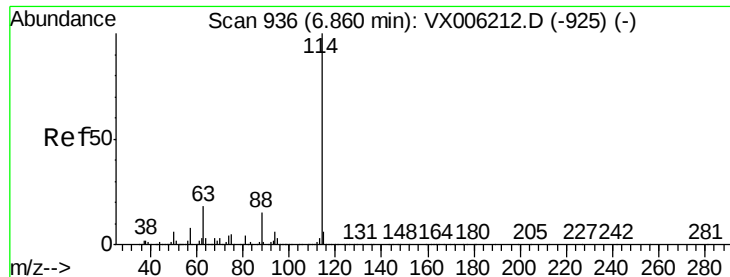
Tot Ion: 43 Resp: 916
Ion Ratio Lower Upper
43 100
58 0.0 24.0 36.0#



#33
1,2-Dichloroethane-d4
Concen: 50.667 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006381.D
Acq: 10 Dec 2018 20:12

Tgt Ion: 65 Resp: 364835
Ion Ratio Lower Upper
65 100
67 53.8 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: VX006381.D

Acq: 10 Dec 2018 20:12

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW309I-20181206

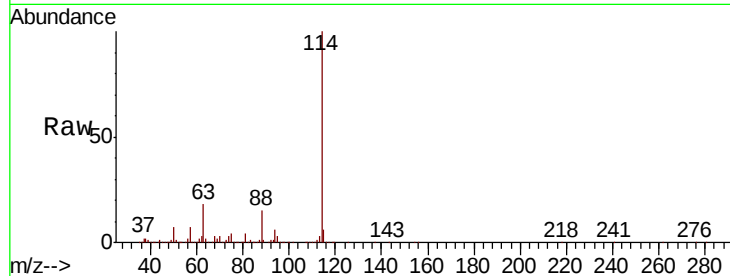
Tot Ion:114 Resp: 1110170

Ion Ratio Lower Upper

114 100

63 17.6 0.0 36.6

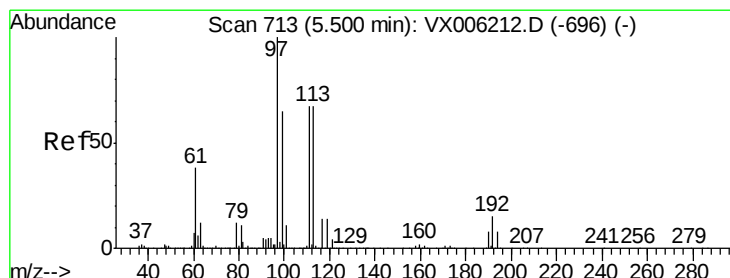
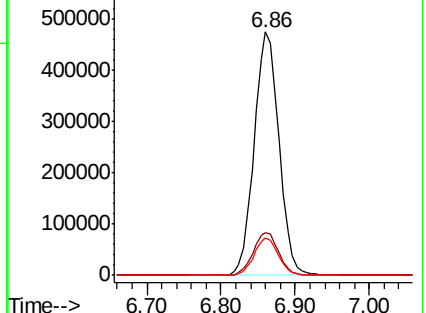
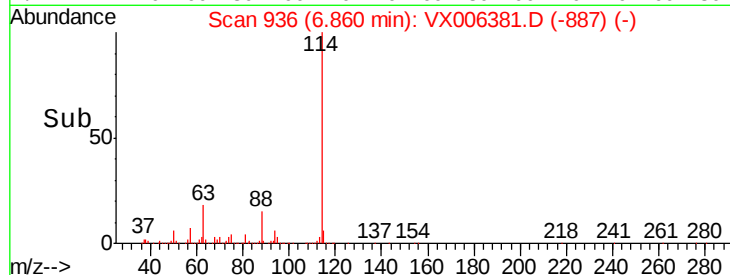
88 15.5 0.0 29.0



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: 47.695 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006381.D

Acq: 10 Dec 2018 20:12

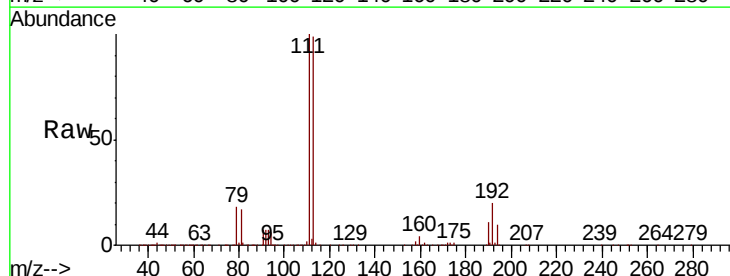
Tgt Ion:113 Resp: 342827

Ion Ratio Lower Upper

113 100

111 101.6 81.1 121.7

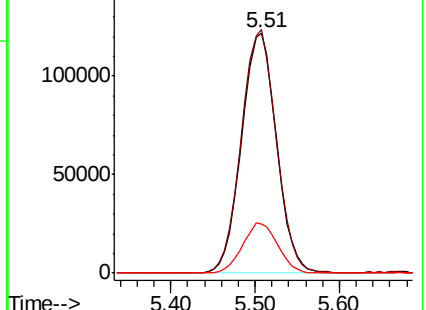
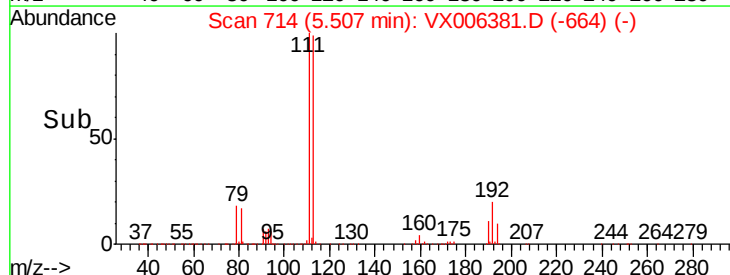
192 21.0 18.2 27.2

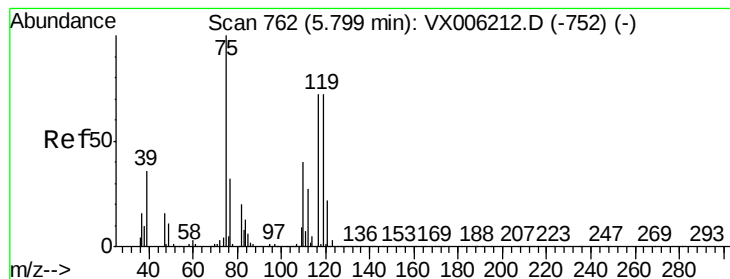


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.941 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX006381.D

Acq: 10 Dec 2018 20:12

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW309I-20181206

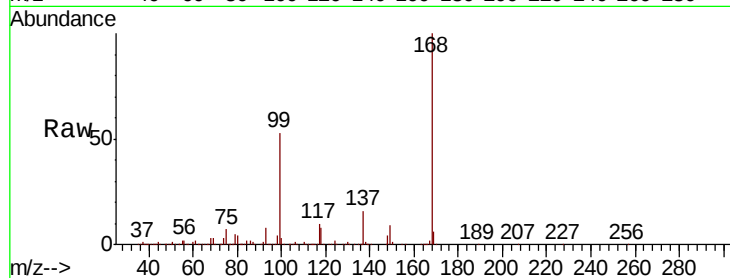
Tot Ion: 75 Resp: 46195

Ion Ratio Lower Upper

75 100

110 11.5 20.4 61.3#

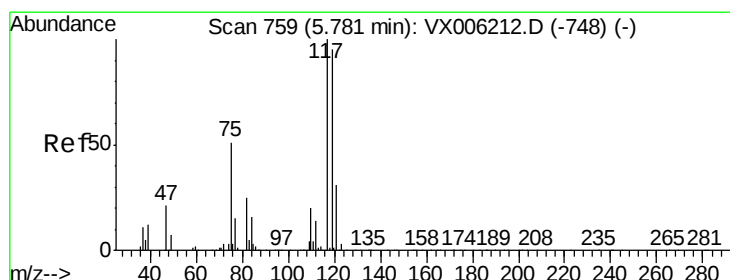
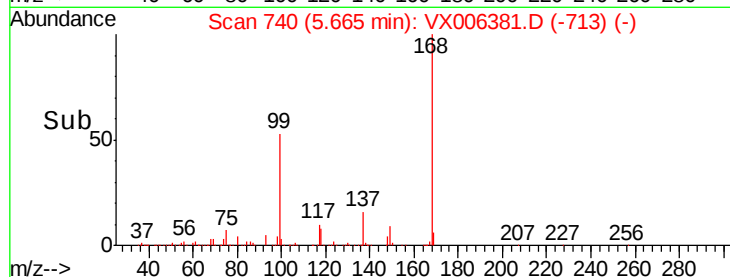
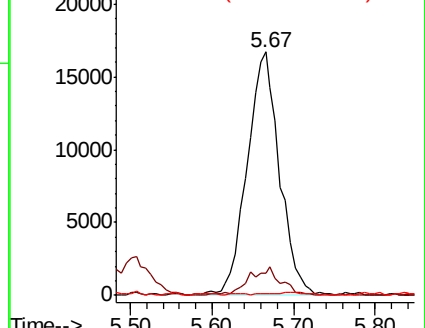
77 0.4 24.9 37.3#



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: 6.024 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX006381.D

Acq: 10 Dec 2018 20:12

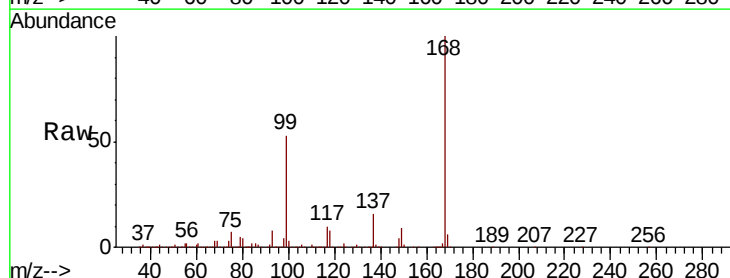
Tgt Ion: 117 Resp: 66256

Ion Ratio Lower Upper

117 100

119 4.0 75.8 113.8#

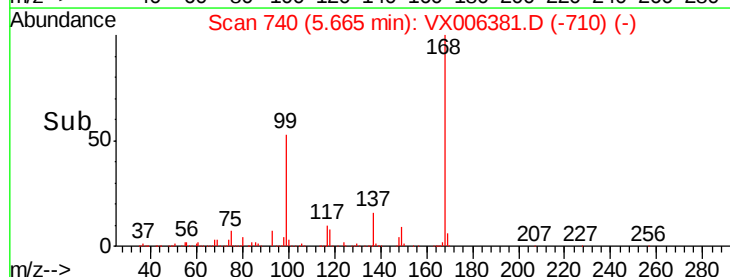
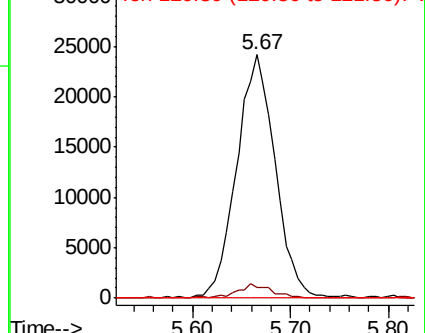
121 0.2 24.6 37.0#

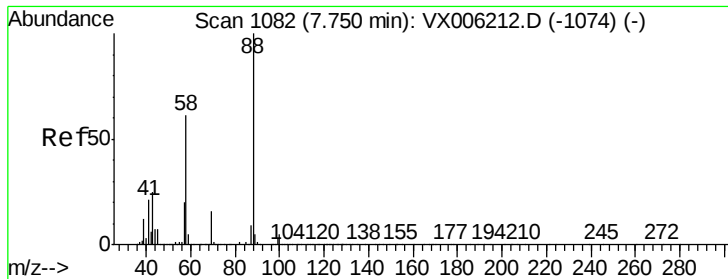


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#49

1,4-Dioxane

Concen: 2.227 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.02 min

Lab File: VX006381.D

Acq: 10 Dec 2018 20:12

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW309I-20181206

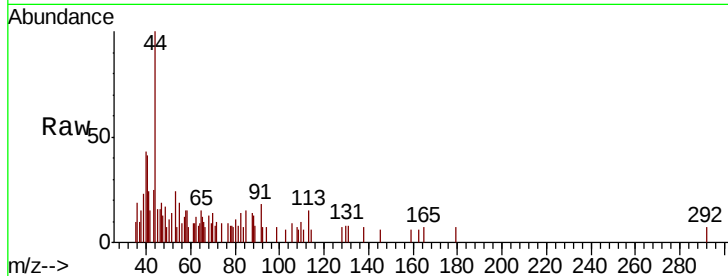
Tot Ion: 88 Resp: 466

Ion Ratio Lower Upper

88 100

43 75.1 23.2 34.8#

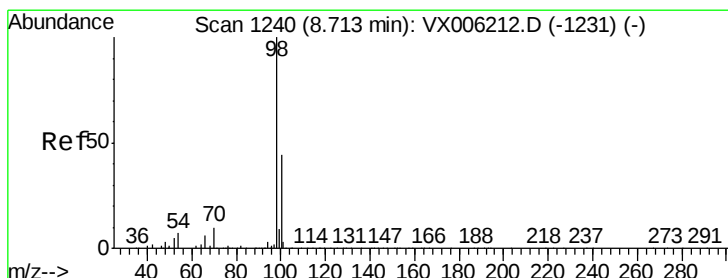
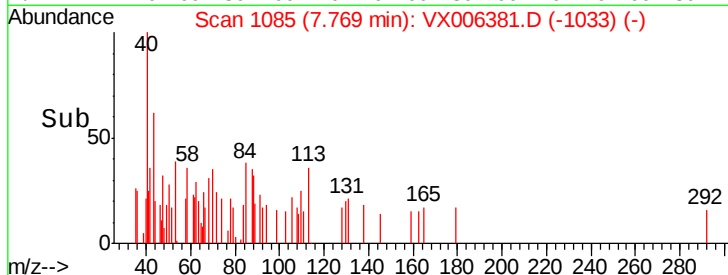
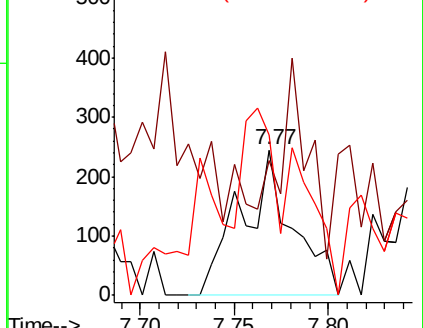
58 46.6 51.4 77.0#



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: 49.389 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006381.D

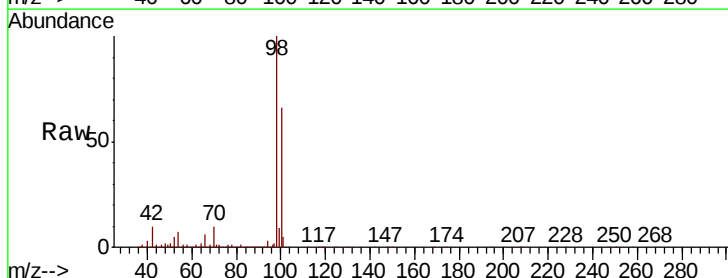
Acq: 10 Dec 2018 20:12

Tgt Ion: 98 Resp: 1291296

Ion Ratio Lower Upper

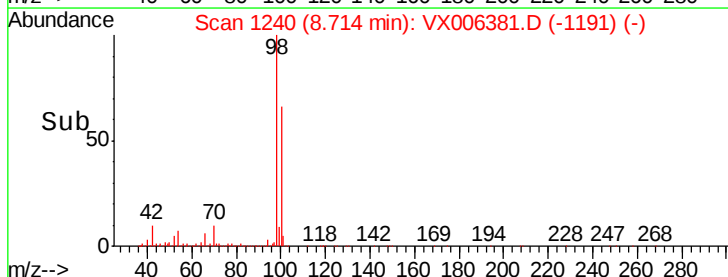
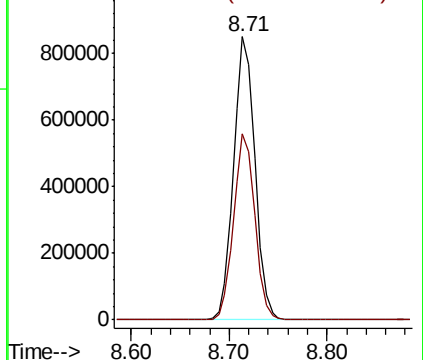
98 100

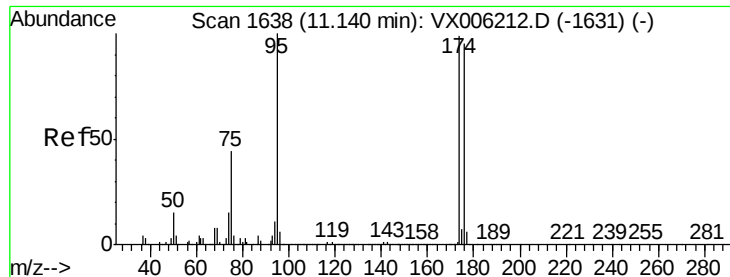
100 65.3 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 48.649 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006381.D

Acq: 10 Dec 2018 20:12

Instrument :

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ClientSampleId :

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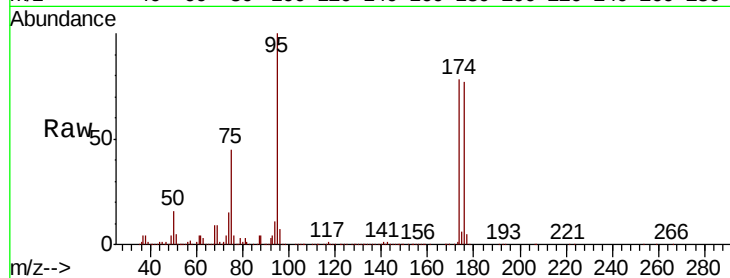
Tot Ion: 95 Resp: 479310

Ion Ratio Lower Upper

95 100

174 86.9 0.0 187.0

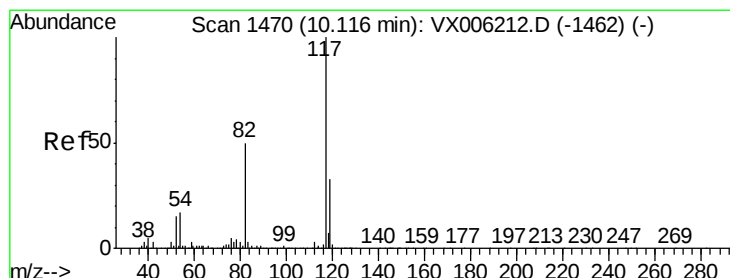
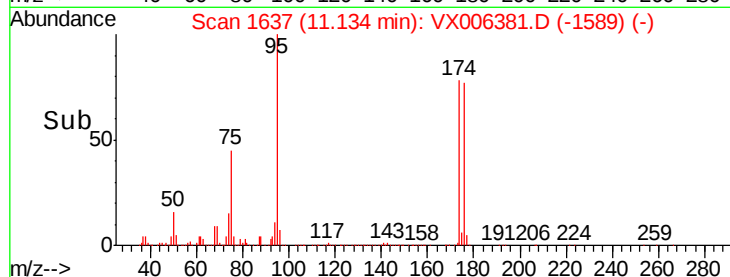
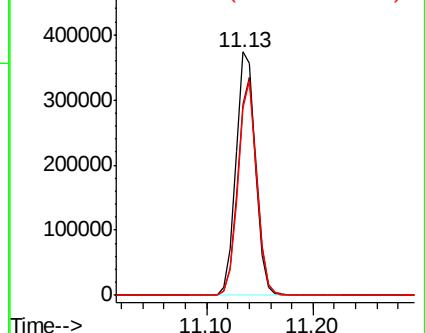
176 83.9 0.0 181.8



Abundance Ion 94.90 (94.60 to 95.60): VX006381.D (-1589) (-)

Ion 173.80 (173.50 to 174.50): VX006381.D (-1589) (-)

Ion 175.80 (175.50 to 176.50): VX006381.D (-1589) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX006381.D

Acq: 10 Dec 2018 20:12

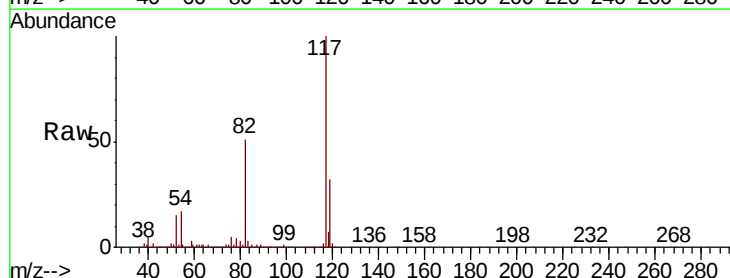
Tgt Ion: 117 Resp: 1002686

Ion Ratio Lower Upper

117 100

82 50.5 39.6 59.4

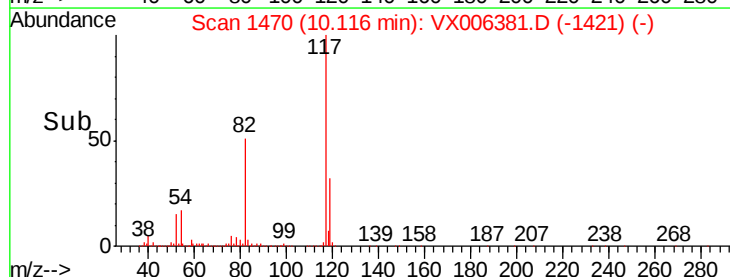
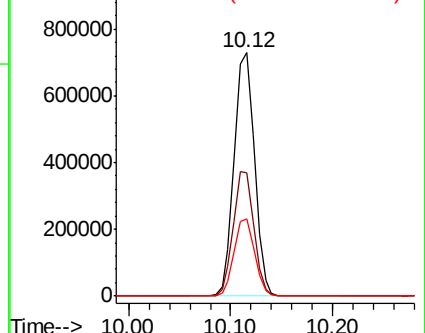
119 31.6 26.3 39.5

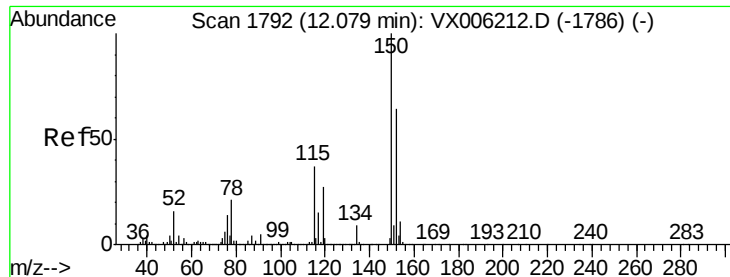


Abundance Ion 116.90 (116.60 to 117.60): VX006381.D (-1421) (-)

Ion 82.00 (81.70 to 82.70): VX006381.D (-1421) (-)

Ion 118.90 (118.60 to 119.60): VX006381.D (-1421) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006381.D

Acq: 10 Dec 2018 20:12

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW309I-20181206

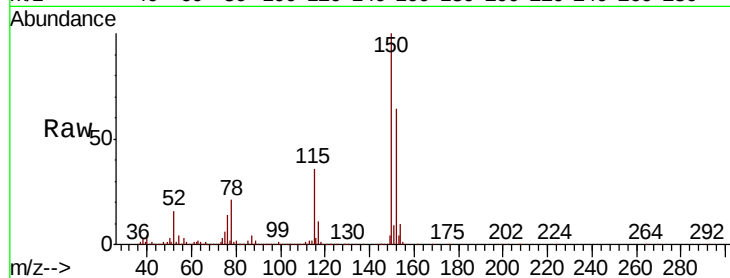
Tot Ion:152 Resp: 474887

Ion Ratio Lower Upper

152 100

115 56.7 39.0 116.9

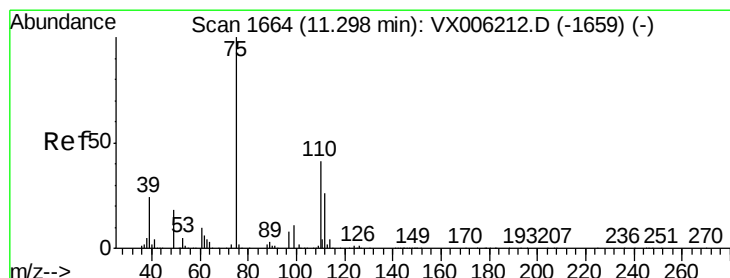
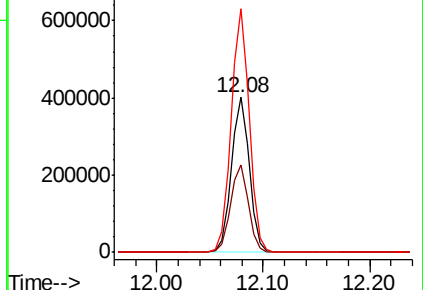
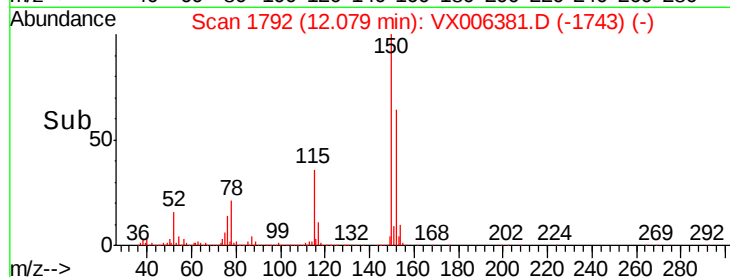
150 158.2 0.0 345.8



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: 23.780 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX006381.D

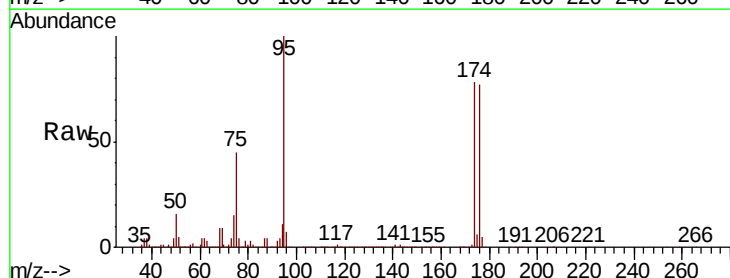
Acq: 10 Dec 2018 20:12

Tgt Ion: 75 Resp: 217967

Ion Ratio Lower Upper

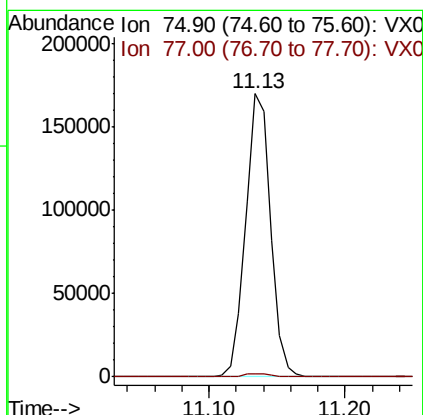
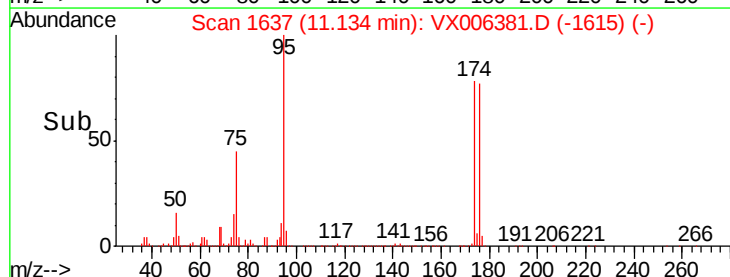
75 100

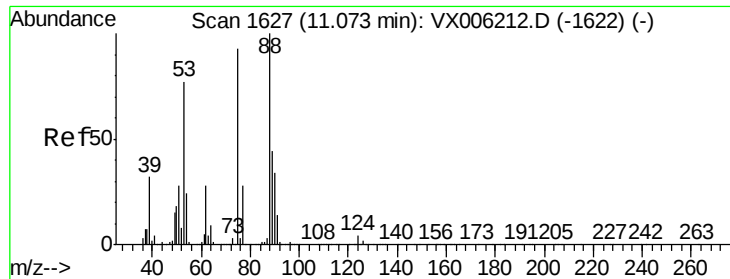
77 1.3 19.9 59.7#



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: 55.804 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006381.D

Acq: 10 Dec 2018 20:12

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW309I-20181206

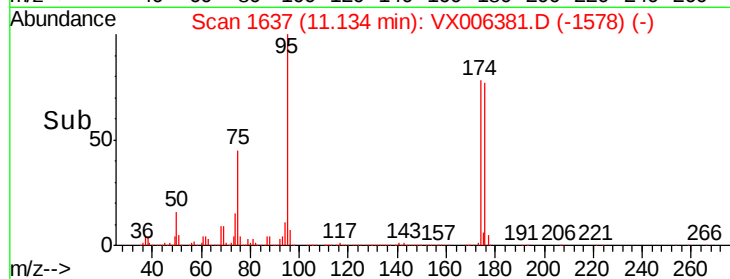
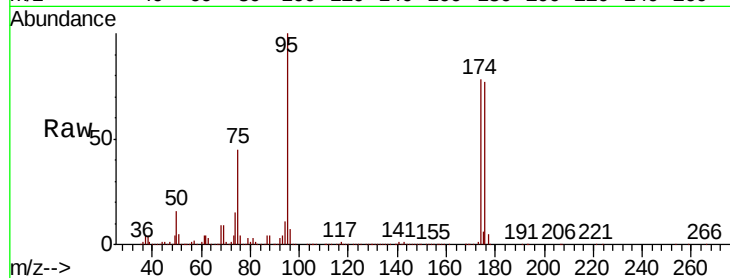
Tot Ion: 75 Resp: 217967

Ion Ratio Lower Upper

75 100

53 0.1 64.4 96.6#

89 0.1 44.2 66.4#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

