

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121018\
 Data File : VX006405.D
 Acq On : 11 Dec 2018 07:45
 Operator : JC/MD
 Sample : J6314-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW303D-20181207

Quant Time: Dec 11 08:19:08 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	669753	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1058702	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	965219	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	459872	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	361896	52.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.86%	
35) Dibromofluoromethane	5.51	113	323698	47.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.44%	
50) Toluene-d8	8.71	98	1248714	50.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.16%	
62) 4-Bromofluorobenzene	11.13	95	467484	49.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.52%	

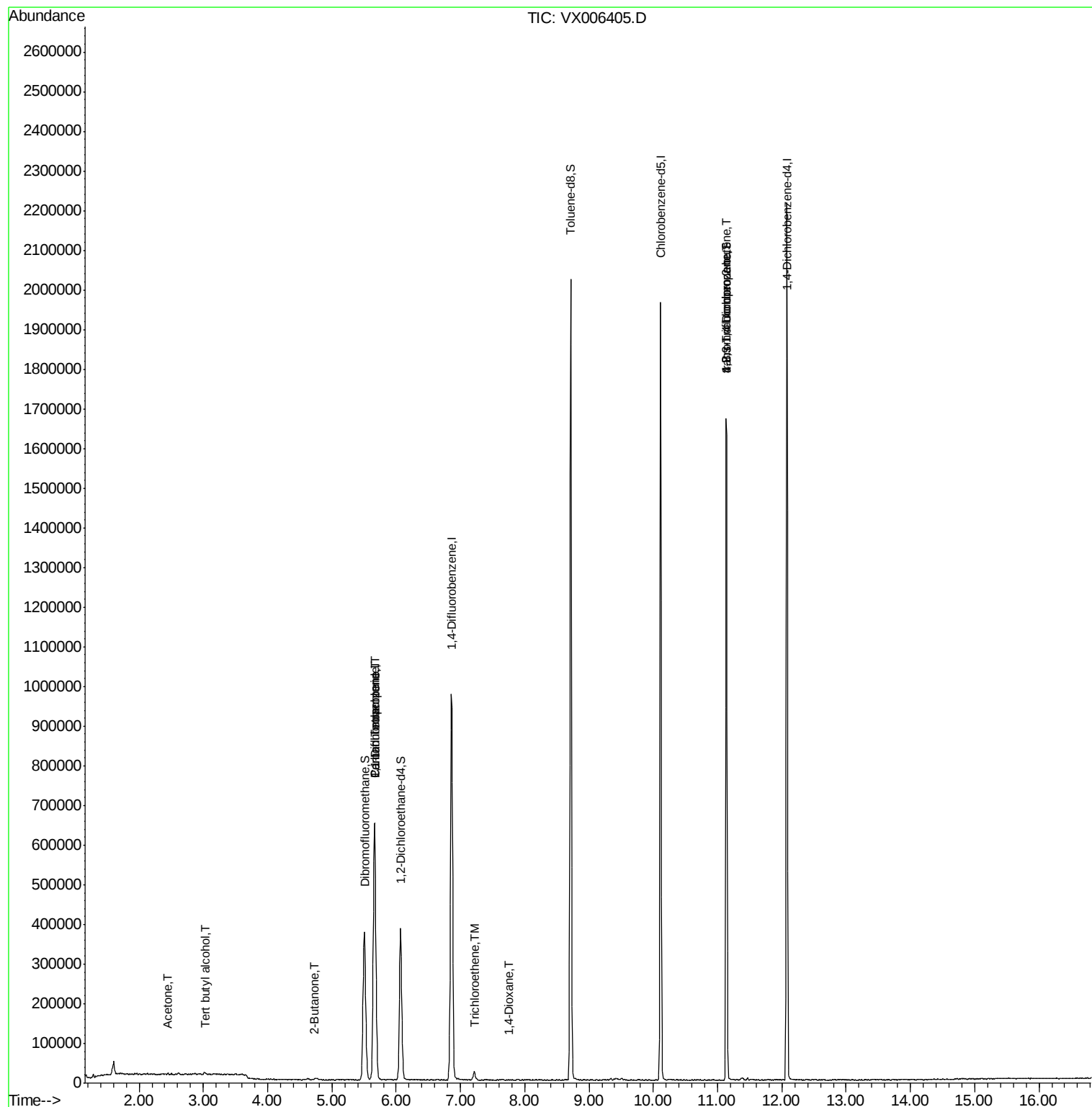
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.03	59	3925	2.099	ug/l #	73
16) Acetone	2.45	43	3737	1.165	ug/l #	70
25) 2-Butanone	4.71	43	1026	0.224	ug/l #	54
36) 1,1-Dichloropropene	5.67	75	43167	4.842	ug/l #	48
38) Carbon Tetrachloride	5.67	117	63558	6.060	ug/l #	16
44) Trichloroethene	7.21	130	9332	1.154	ug/l	95
49) 1,4-Dioxane	7.76	88	530	2.655	ug/l #	58
76) 1,2,3-Trichloropropane	11.13	75	213925	24.101	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.13	75	213925	56.558	ug/l #	15

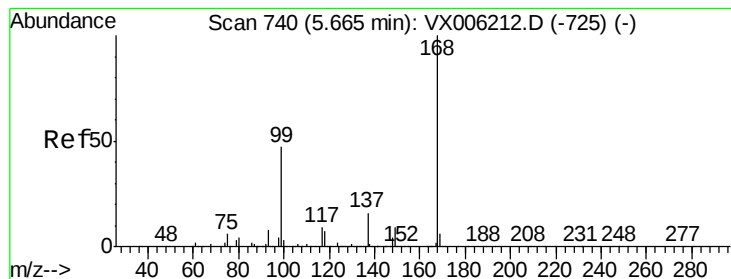
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX121018\
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Quant Time: Dec 11 08:19:08 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: VX006405.D

Acq: 11 Dec 2018 07:45

Instrument :

MSVOA_X

ClientSampleId :

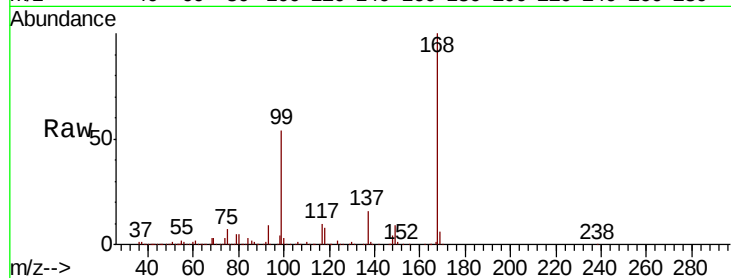
BPS1-TT-MW303D-20181207

Tgt Ion:168 Resp: 669753

Ion Ratio Lower Upper

168 100

99 54.1 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

250000

200000

150000

100000

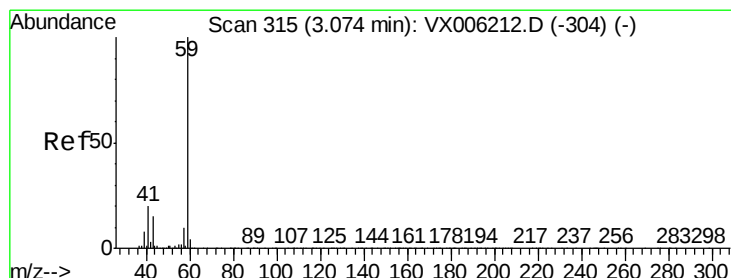
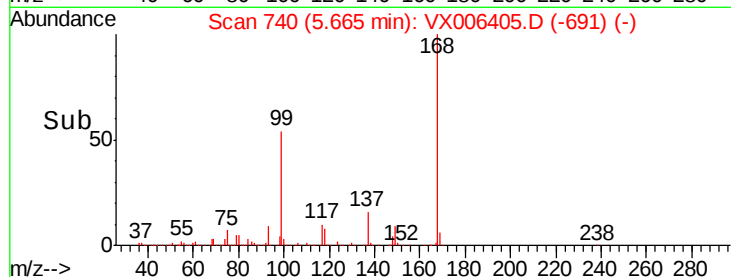
50000

0

5.67

5.50 5.60 5.70 5.80

Time-->



#11

Tert butyl alcohol

Concen: 2.099 ug/l

RT: 3.03 min Scan# 307

Delta R.T. -0.05 min

Lab File: VX006405.D

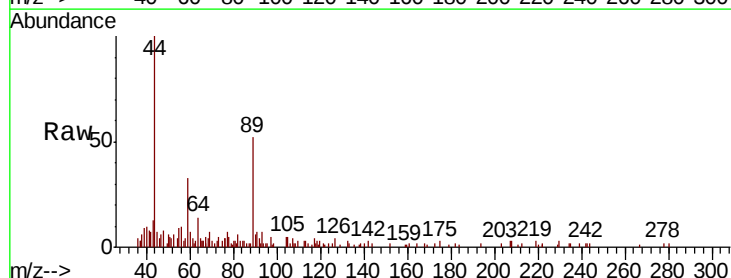
Acq: 11 Dec 2018 07:45

Tgt Ion: 59 Resp: 3925

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

1500

1000

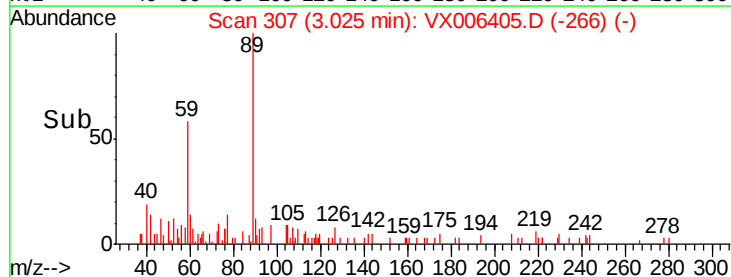
500

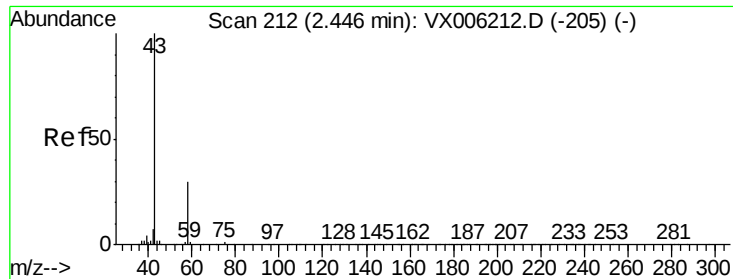
0

3.03

2.95 3.00 3.05 3.10

Time-->

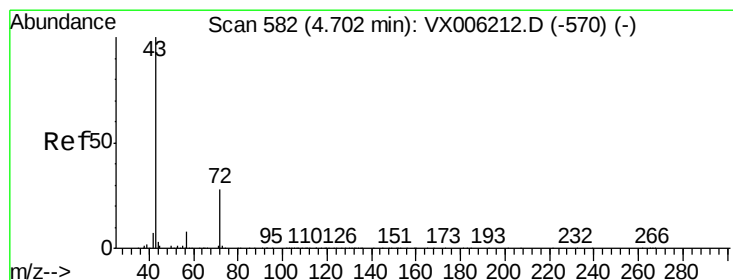
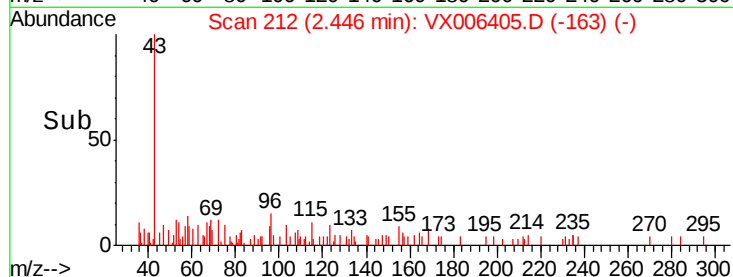
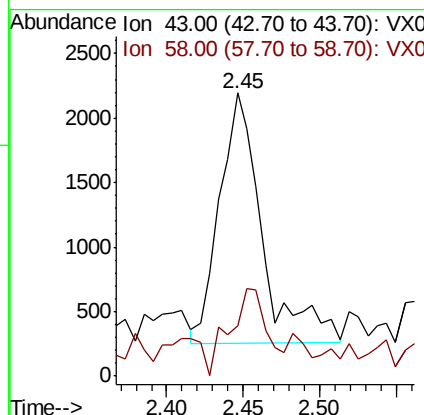
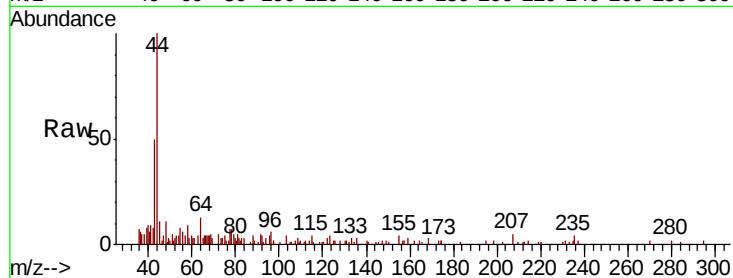




#16
Acetone
Concen: 1.165 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX006405.D
Acq: 11 Dec 2018 07:45

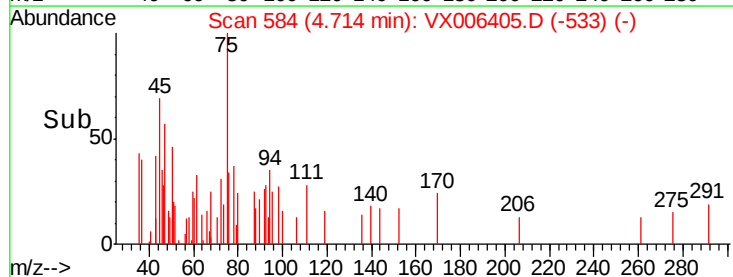
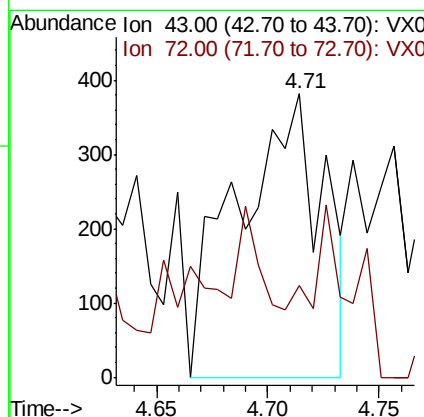
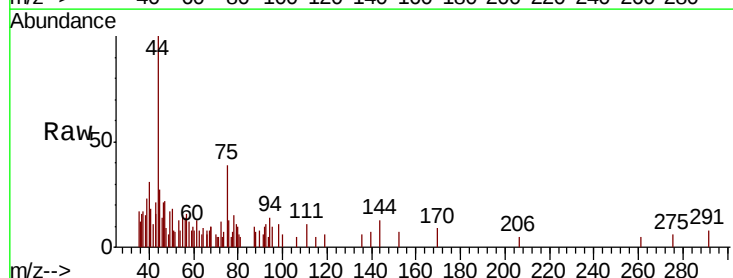
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW303D-20181207

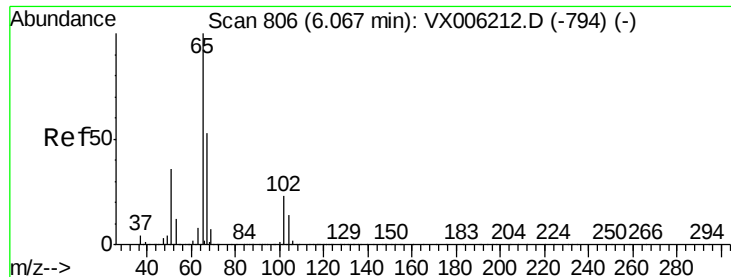
Tgt Ion: 43 Resp: 3737
Ion Ratio Lower Upper
43 100
58 13.5 24.0 36.0#



#25
2-Butanone
Concen: 0.224 ug/l
RT: 4.71 min Scan# 584
Delta R.T. 0.01 min
Lab File: VX006405.D
Acq: 11 Dec 2018 07:45

Tgt Ion: 43 Resp: 1026
Ion Ratio Lower Upper
43 100
72 4.2 22.6 33.8#





#33

1,2-Dichloroethane-d4

Concen: 52.931 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006405.D

Acq: 11 Dec 2018 07:45

Instrument :

MSVOA_X

ClientSampleId :

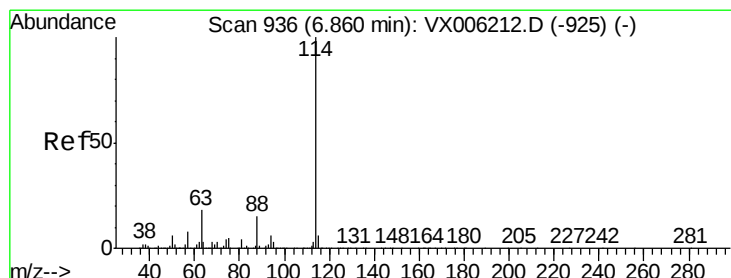
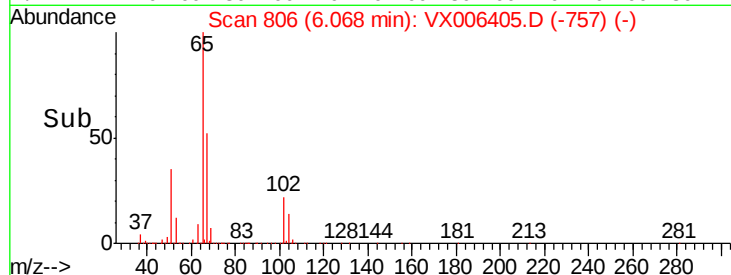
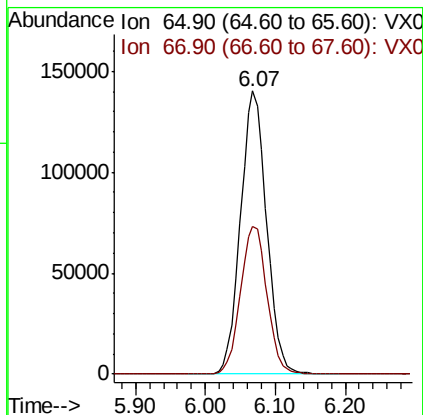
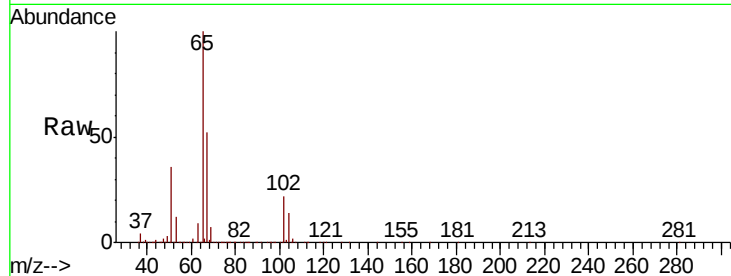
BPS1-TT-MW303D-20181207

Tgt Ion: 65 Resp: 361896

Ion Ratio Lower Upper

65 100

67 53.3 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: VX006405.D

Acq: 11 Dec 2018 07:45

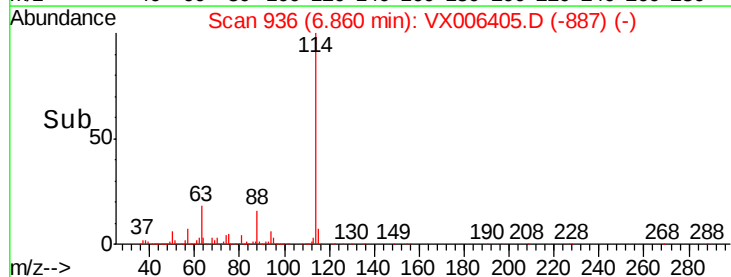
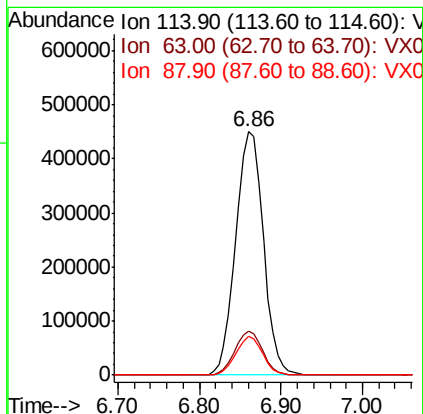
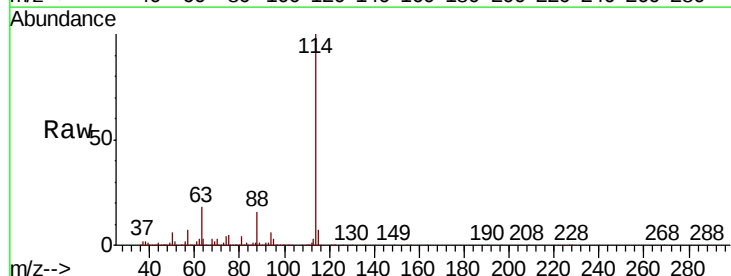
Tgt Ion: 114 Resp: 1058702

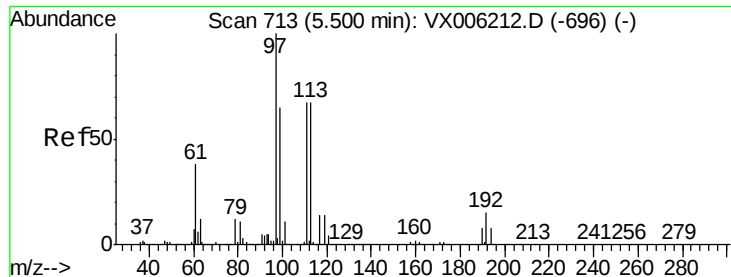
Ion Ratio Lower Upper

114 100

63 18.2 0.0 36.6

88 15.9 0.0 29.0





#35

Dibromofluoromethane

Concen: 47.223 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006405.D

Acq: 11 Dec 2018 07:45

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW303D-20181207

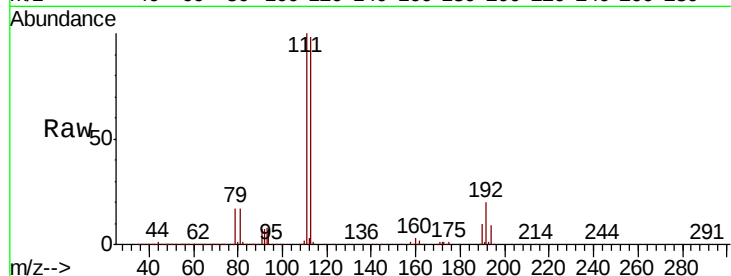
Tgt Ion:113 Resp: 323698

Ion Ratio Lower Upper

113 100

111 102.6 81.1 121.7

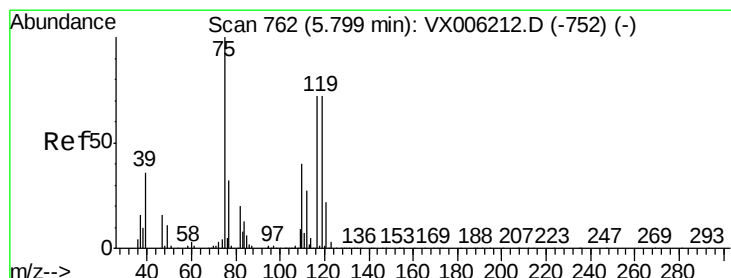
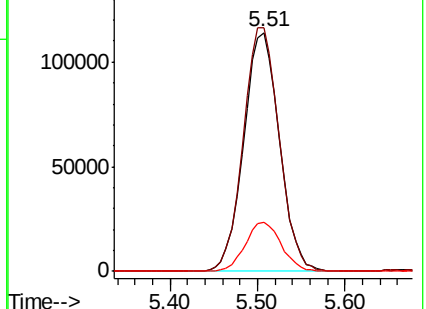
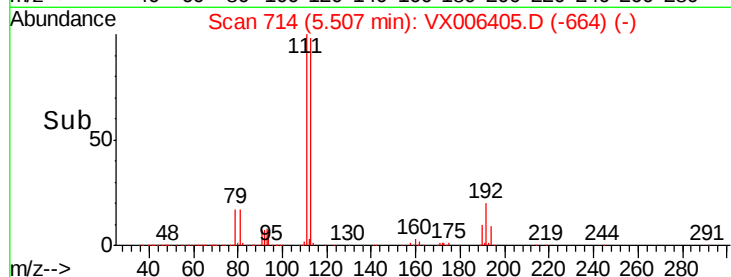
192 20.9 18.2 27.2



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: 4.842 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX006405.D

Acq: 11 Dec 2018 07:45

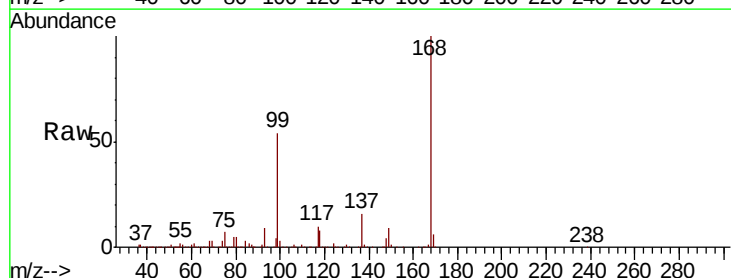
Tgt Ion: 75 Resp: 43167

Ion Ratio Lower Upper

75 100

110 10.4 20.4 61.3#

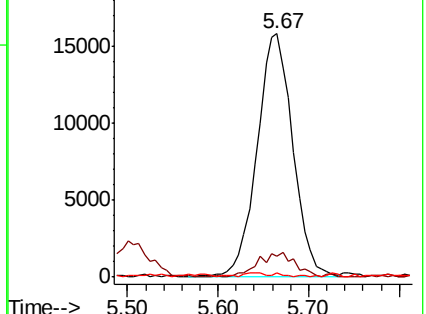
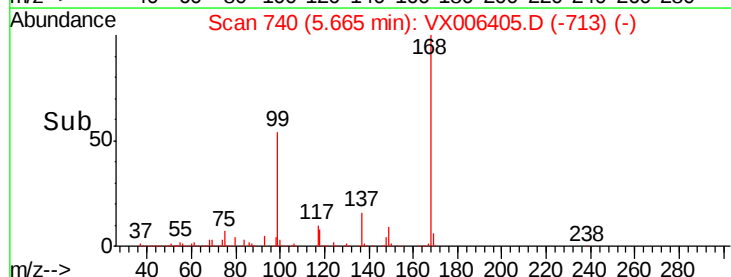
77 0.0 24.9 37.3#

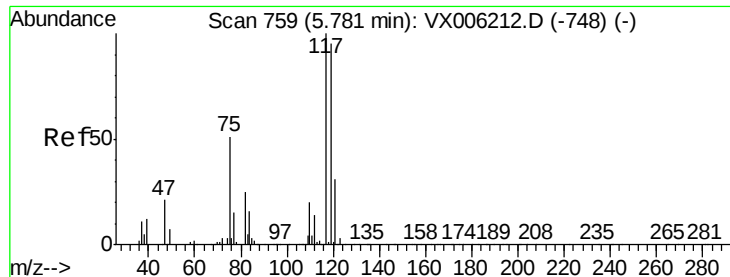


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

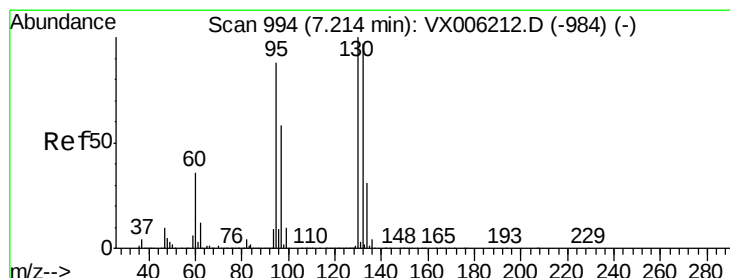
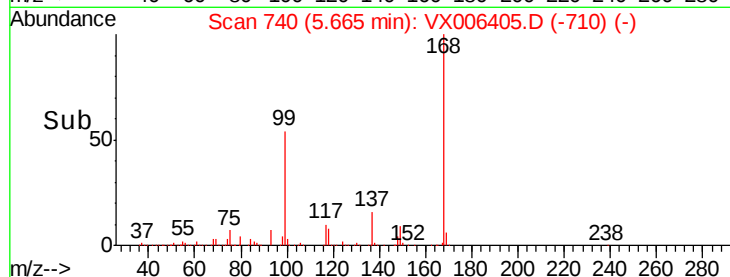
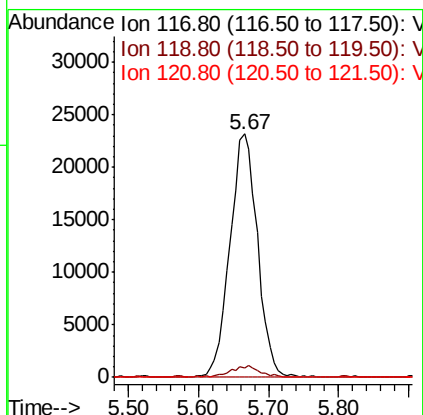
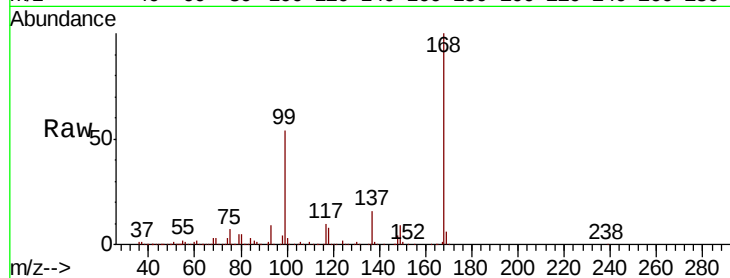




#38
Carbon Tetrachloride
Concen: 6.060 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX006405.D
Acq: 11 Dec 2018 07:45

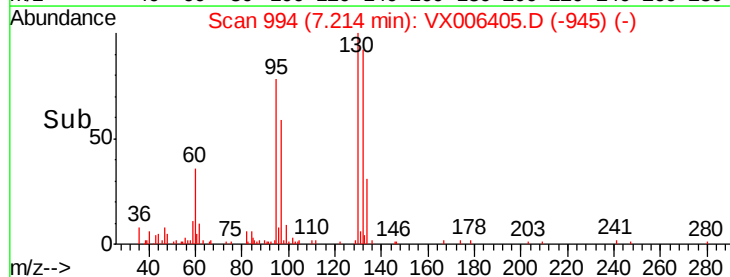
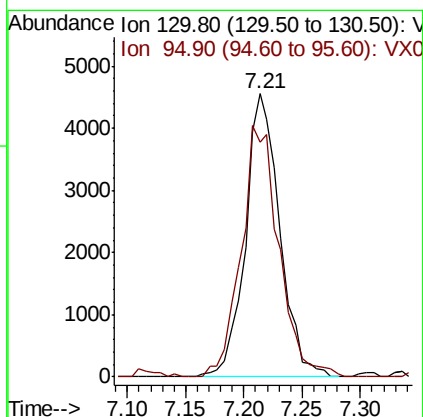
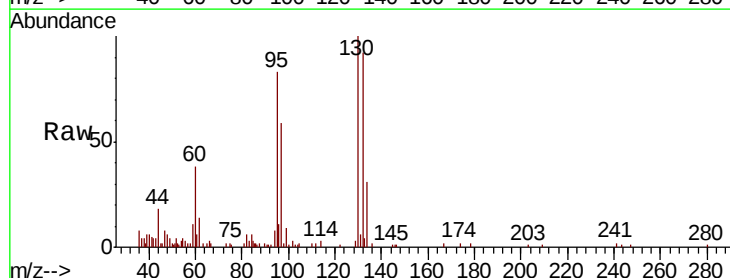
Instrument :
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ClientSampleId :
BPS1-TT-MW303D-20181207

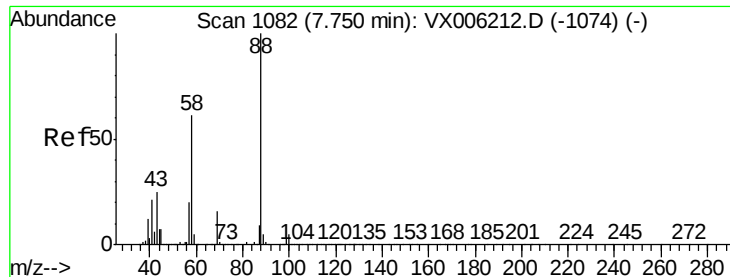
Tgt Ion:117 Resp: 63558
Ion Ratio Lower Upper
117 100
119 4.1 75.8 113.8#
121 0.3 24.6 37.0#



#44
Trichloroethene
Concen: 1.154 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX006405.D
Acq: 11 Dec 2018 07:45

Tgt Ion:130 Resp: 9332
Ion Ratio Lower Upper
130 100
95 82.9 0.0 175.8





#49

1,4-Dioxane

Concen: 2.655 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. 0.01 min

Lab File: VX006405.D

Acq: 11 Dec 2018 07:45

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW303D-20181207

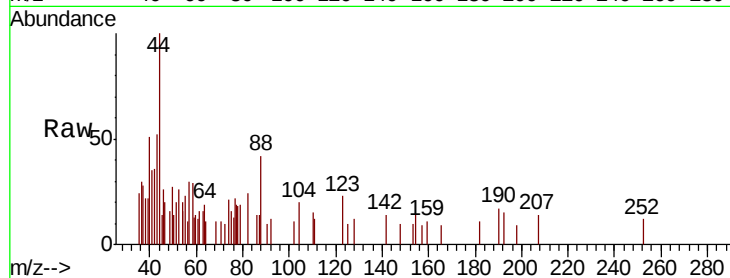
Tgt Ion: 88 Resp: 530

Ion Ratio Lower Upper

88 100

43 71.9 23.2 34.8#

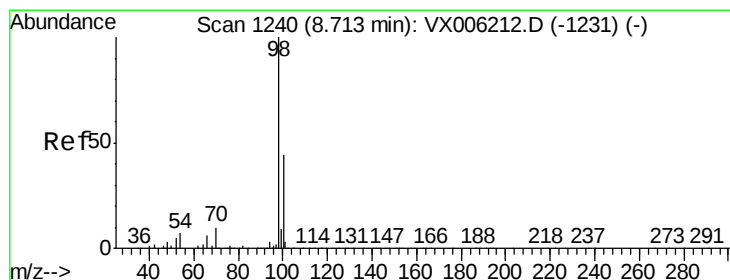
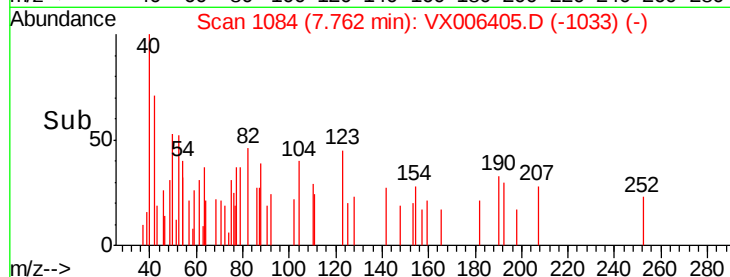
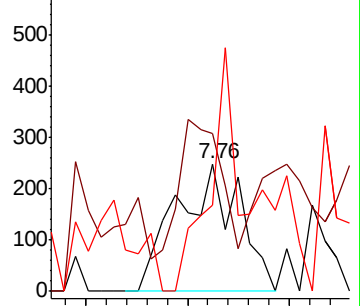
58 83.4 51.4 77.0#



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: 50.082 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006405.D

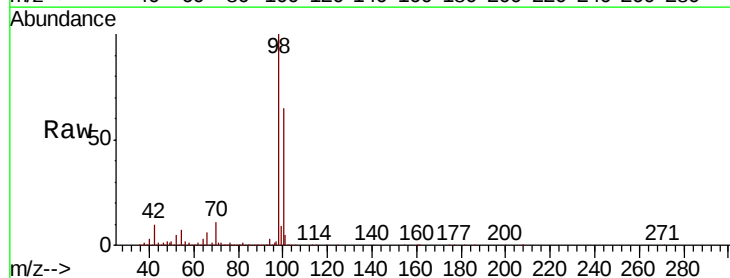
Acq: 11 Dec 2018 07:45

Tgt Ion: 98 Resp: 1248714

Ion Ratio Lower Upper

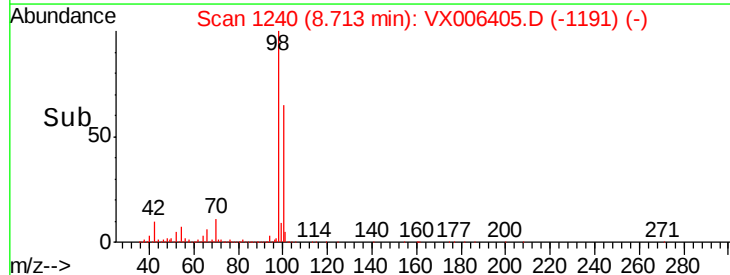
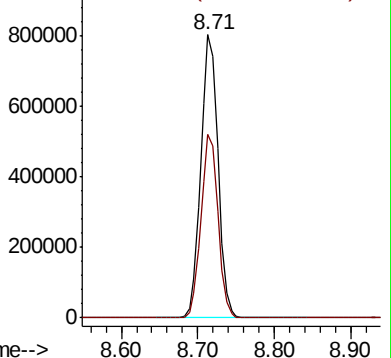
98 100

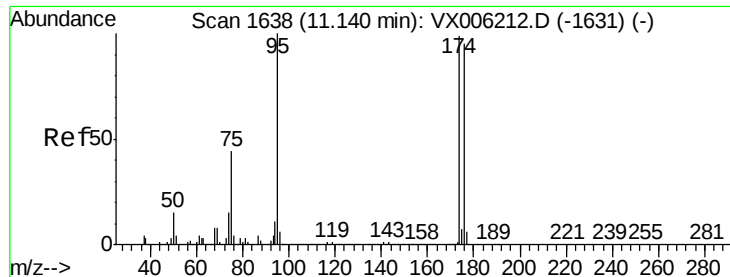
100 64.2 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 49.756 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006405.D

Acq: 11 Dec 2018 07:45

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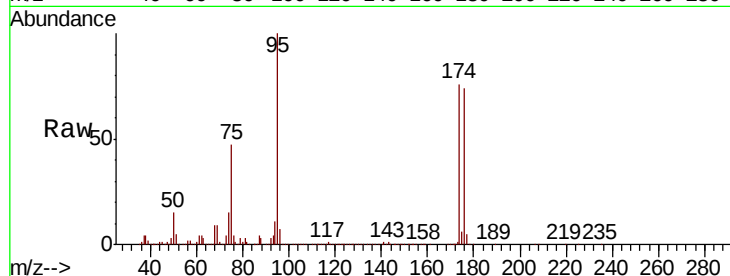
Tgt Ion: 95 Resp: 467484

Ion Ratio Lower Upper

95 100

174 83.5 0.0 187.0

176 80.4 0.0 181.8



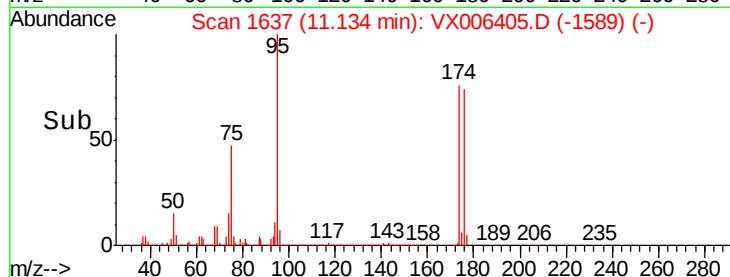
Abundance Ion 94.90 (94.60 to 95.60): VX006405.D (-1589) (-)

Ion 173.80 (173.50 to 174.50): VX006405.D (-1589) (-)

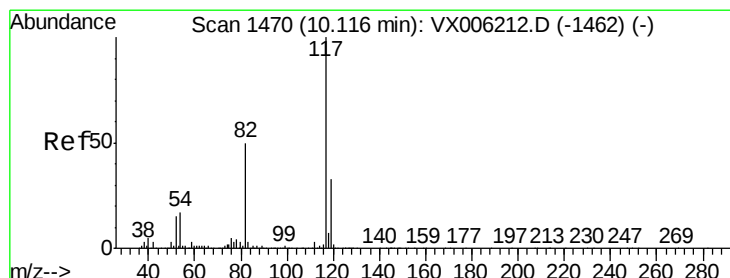
Ion 175.80 (175.50 to 176.50): VX006405.D (-1589) (-)

11.13

Time-->



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX006405.D

Acq: 11 Dec 2018 07:45

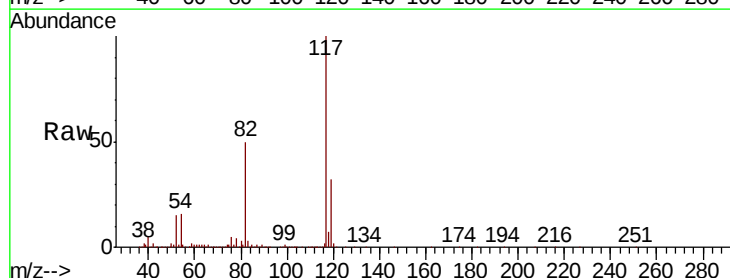
Tgt Ion: 117 Resp: 965219

Ion Ratio Lower Upper

117 100

82 50.1 39.6 59.4

119 31.9 26.3 39.5



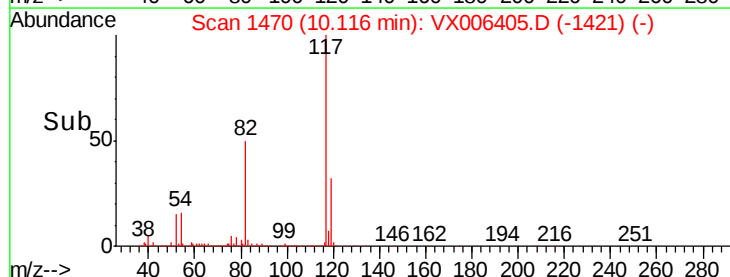
Abundance Ion 116.90 (116.60 to 117.60): VX006405.D (-1421) (-)

Ion 82.00 (81.70 to 82.70): VX006405.D (-1421) (-)

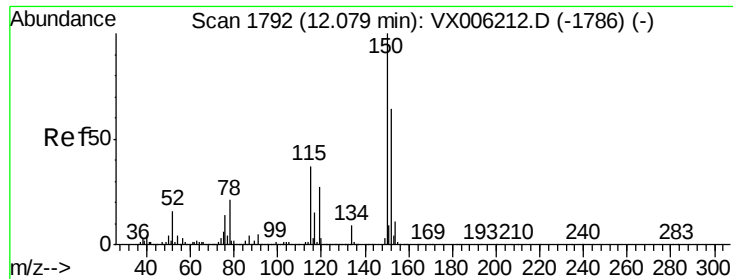
Ion 118.90 (118.60 to 119.60): VX006405.D (-1421) (-)

10.12

Time-->



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: VX006405.D

Acq: 11 Dec 2018 07:45

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW303D-20181207

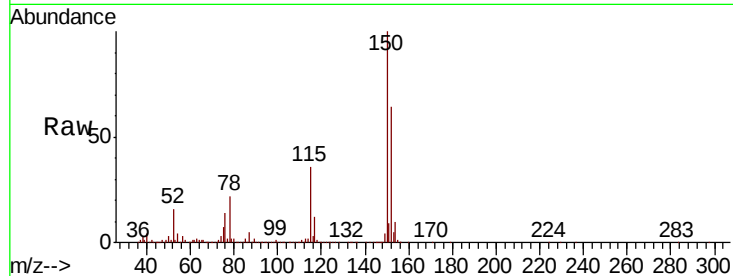
Tgt Ion: 152 Resp: 459872

Ion Ratio Lower Upper

152 100

115 57.0 39.0 116.9

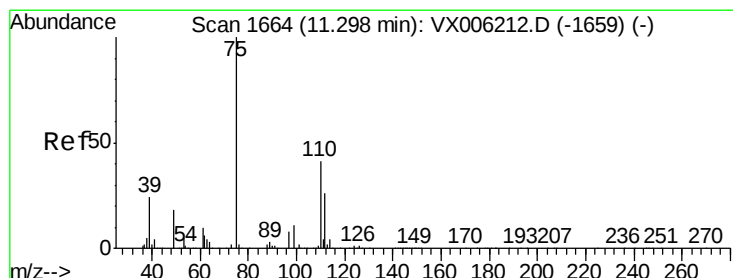
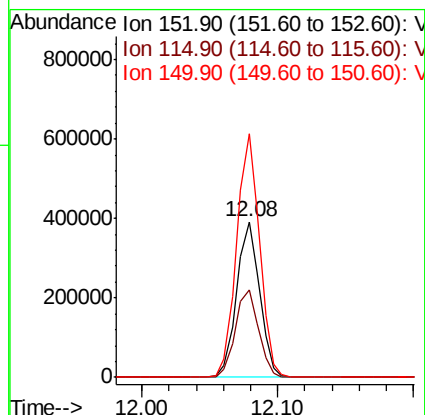
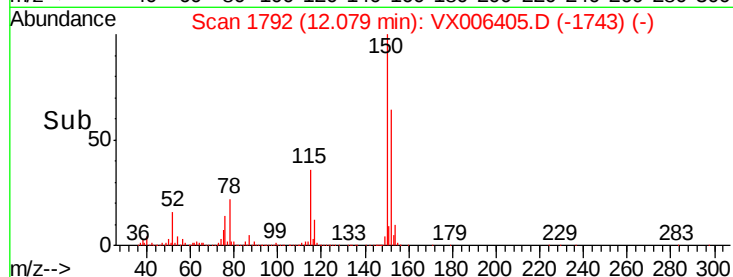
150 156.1 0.0 345.8



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: 24.101 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX006405.D

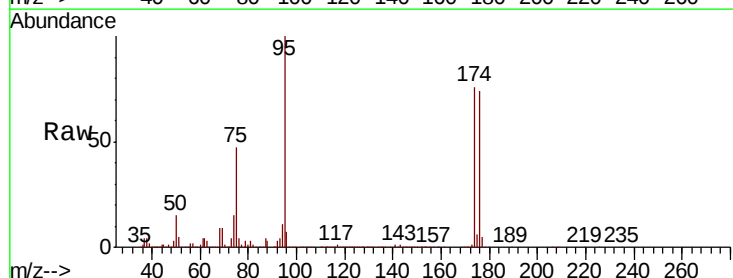
Acq: 11 Dec 2018 07:45

Tgt Ion: 75 Resp: 213925

Ion Ratio Lower Upper

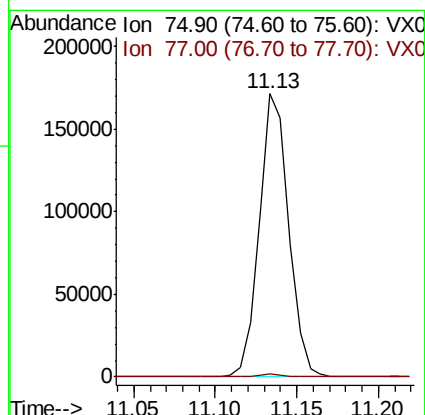
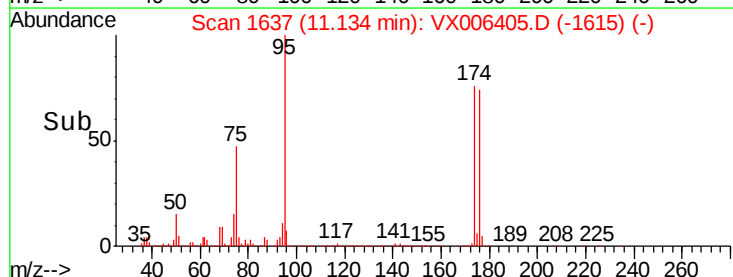
75 100

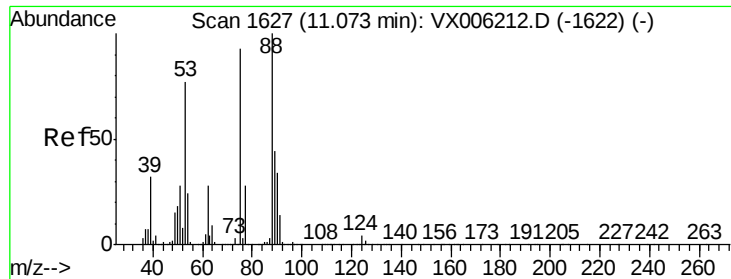
77 1.2 19.9 59.7#



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: 56.558 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006405.D

Acq: 11 Dec 2018 07:45

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW303D-20181207

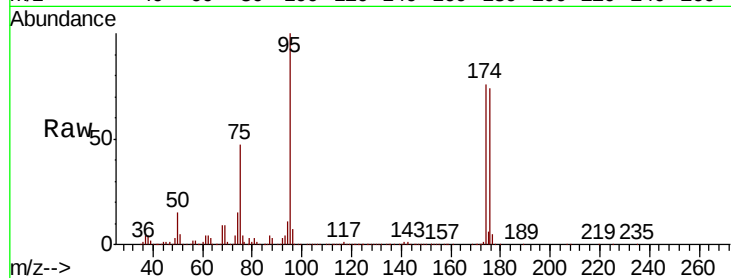
Tgt Ion: 75 Resp: 213925

Ion Ratio Lower Upper

75 100

53 0.1 64.4 96.6#

89 0.0 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

