

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121218\
 Data File : VX006451.D
 Acq On : 12 Dec 2018 17:59
 Operator : JC/MD
 Sample : J6358-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW307D-20181211

Quant Time: Dec 13 06:12:40 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	695702	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1079034	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	976931	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	460885	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	358175	50.43	ug/l	0.00
Spiked Amount			Recovery	=	100.86%	
35) Dibromofluoromethane	5.51	113	324238	46.41	ug/l	0.00
Spiked Amount			Recovery	=	92.82%	
50) Toluene-d8	8.71	98	1253430	49.32	ug/l	0.00
Spiked Amount			Recovery	=	98.64%	
62) 4-Bromofluorobenzene	11.13	95	461091	48.15	ug/l	0.00
Spiked Amount			Recovery	=	96.30%	

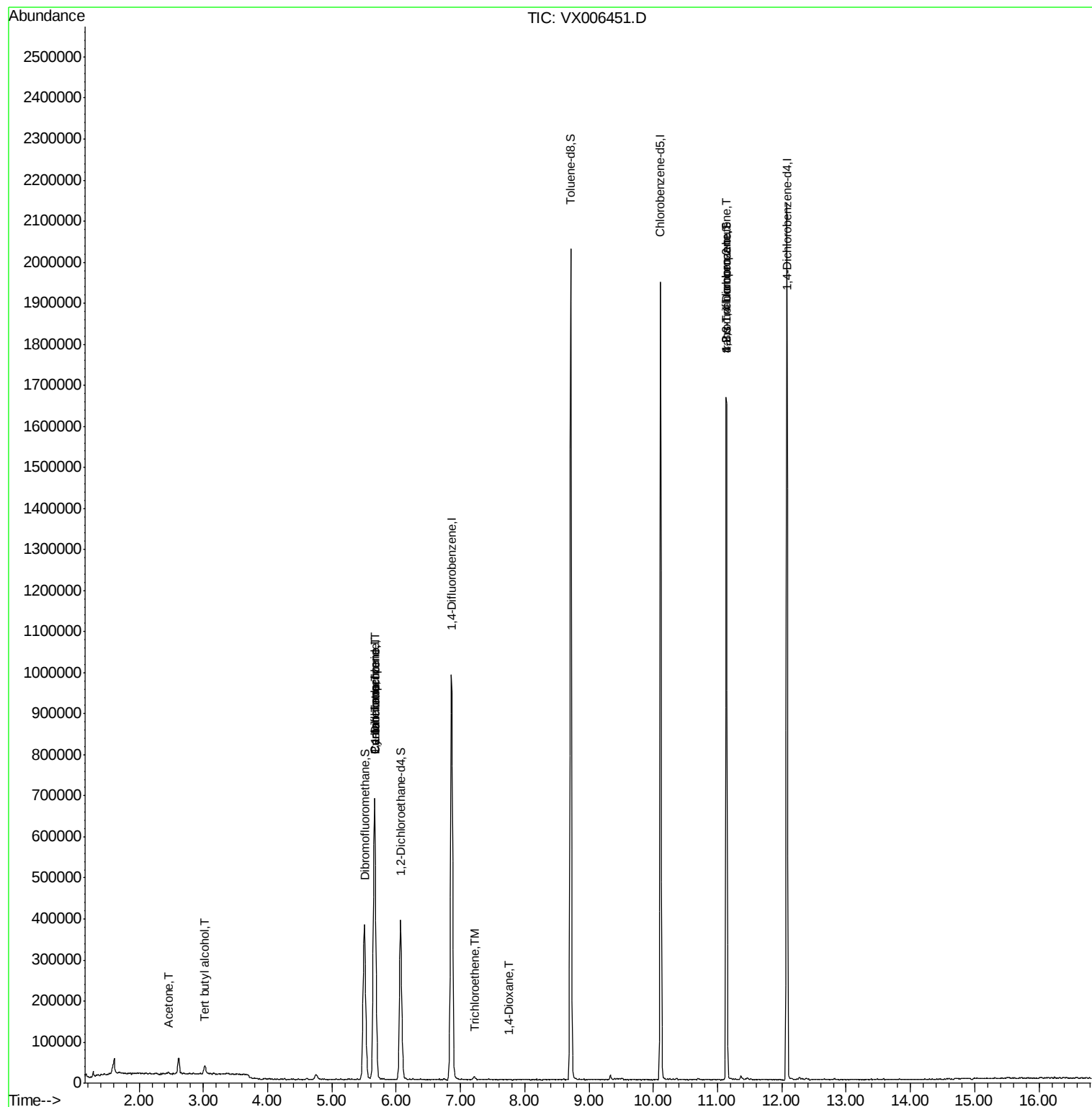
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.03	59	12830	6.606	ug/l #	76
16) Acetone	2.45	43	3692	1.108	ug/l	90
31) Cyclohexane	5.67	56	12078	1.177	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	46827	5.153	ug/l #	48
38) Carbon Tetrachloride	5.67	117	64878	6.069	ug/l #	16
44) Trichloroethene	7.21	130	2981	0.362	ug/l	99
49) 1,4-Dioxane	7.75	88	46	0.226	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	210445	23.657	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.13	75	210445	55.515	ug/l #	15

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

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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: VX006451.D

Acq: 12 Dec 2018 17:59

Instrument :

MSVOA_X

ClientSampleId :

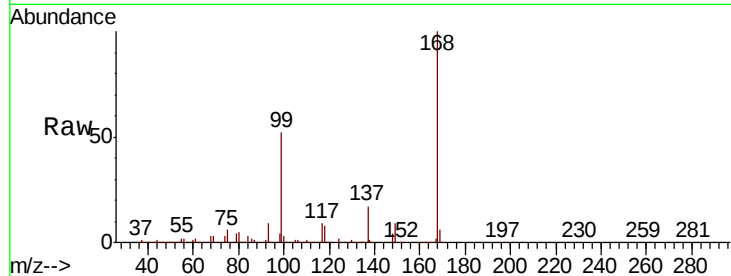
BPS1-TT-MW307D-20181211

Tot Ion:168 Resp: 695702

Ion Ratio Lower Upper

168 100

99 52.3 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

150000

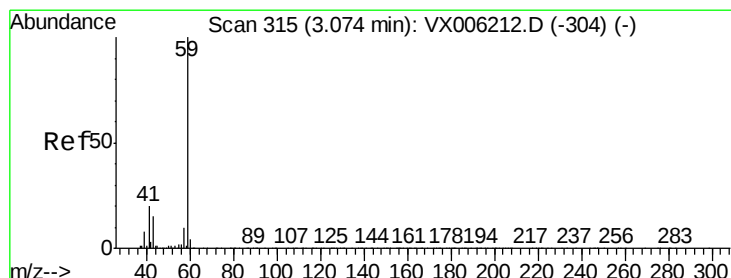
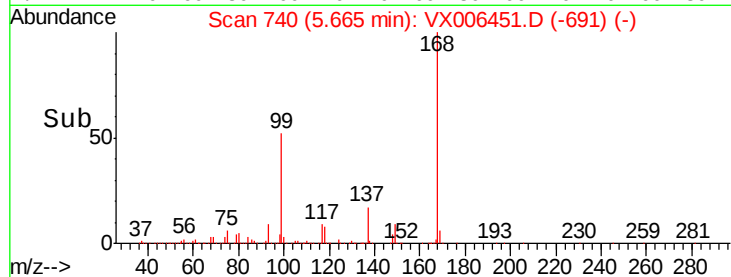
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 6.606 ug/l

RT: 3.03 min Scan# 307

Delta R.T. -0.05 min

Lab File: VX006451.D

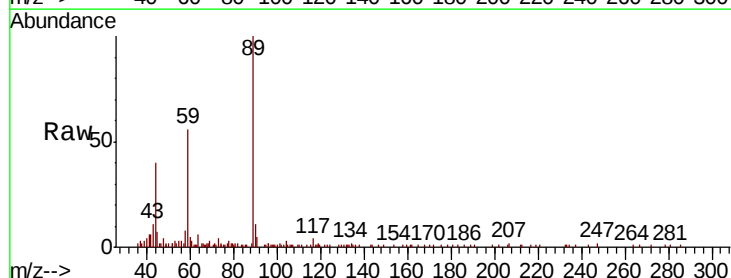
Acq: 12 Dec 2018 17:59

Tgt Ion: 59 Resp: 12830

Ion Ratio Lower Upper

59 100

57 1.3 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

6000

5000

4000

3000

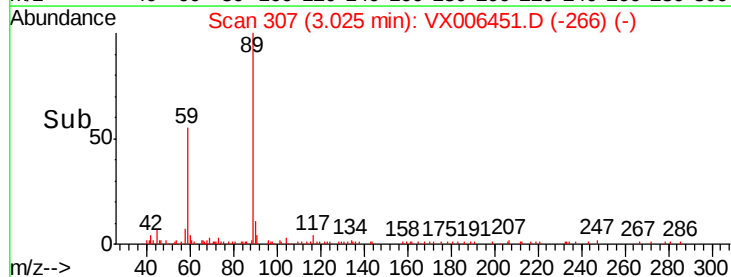
2000

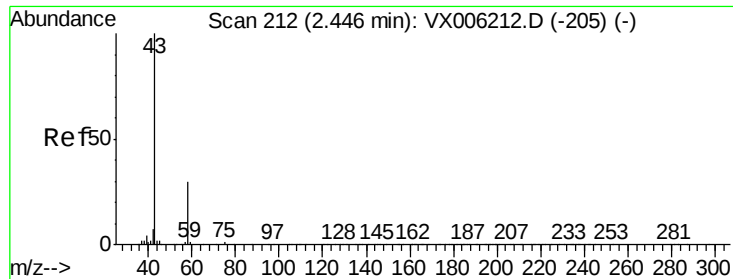
1000

0

Time-->

2.90 2.95 3.00 3.05 3.10

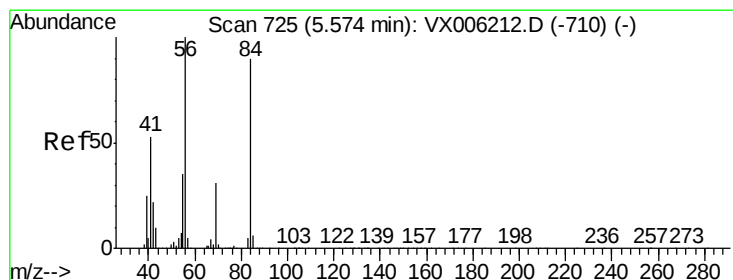
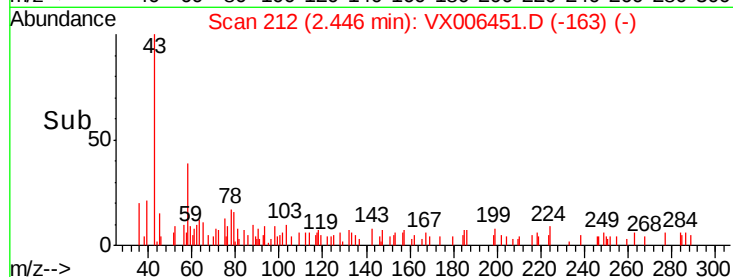
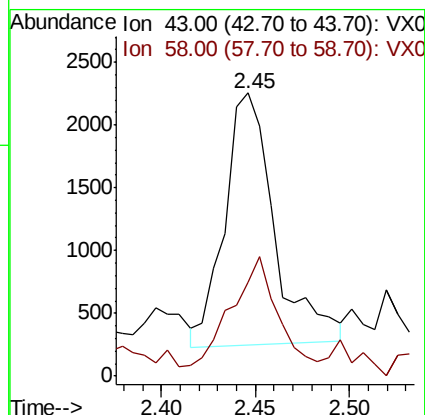
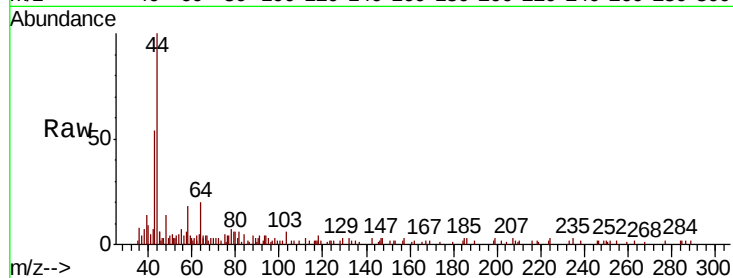




#16
Acetone
Concen: 1.108 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX006451.D
Acq: 12 Dec 2018 17:59

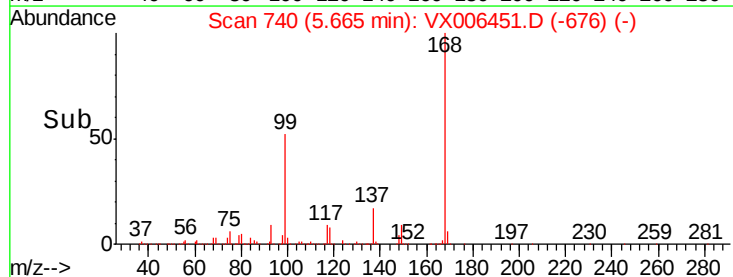
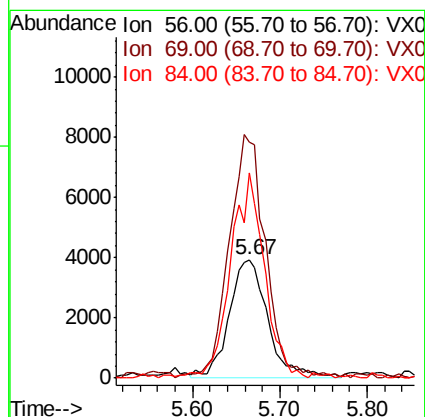
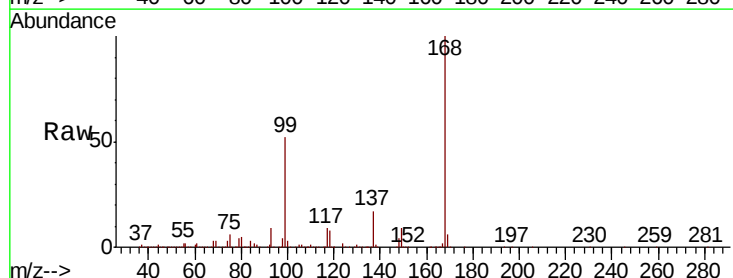
Instrument :
MSVOA_X
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BPS1-TT-MW307D-20181211

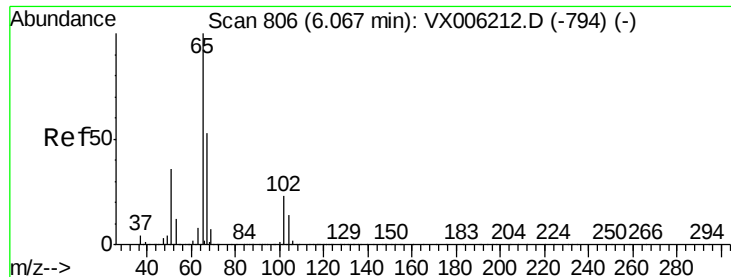
Tot Ion: 43 Resp: 3692
Ion Ratio Lower Upper
43 100
58 35.5 24.0 36.0



#31
Cyclohexane
Concen: 1.177 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX006451.D
Acq: 12 Dec 2018 17:59

Tgt Ion: 56 Resp: 12078
Ion Ratio Lower Upper
56 100
69 197.1 24.5 36.7#
84 171.9 71.8 107.6#





#33

1,2-Dichloroethane-d4

Concen: 50.433 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006451.D

Acq: 12 Dec 2018 17:59

Instrument :

MSVOA_X

ClientSampleId :

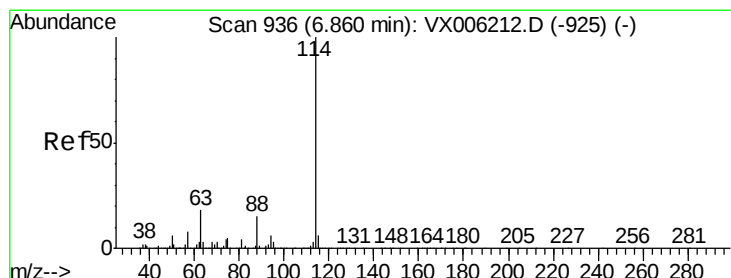
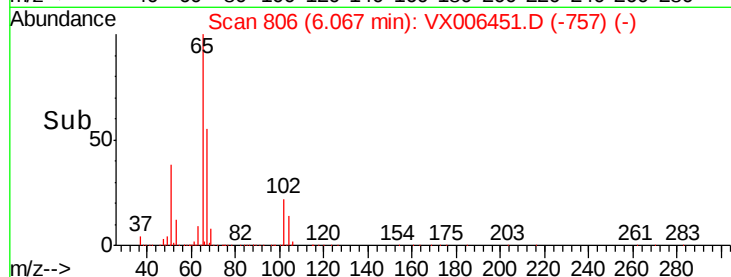
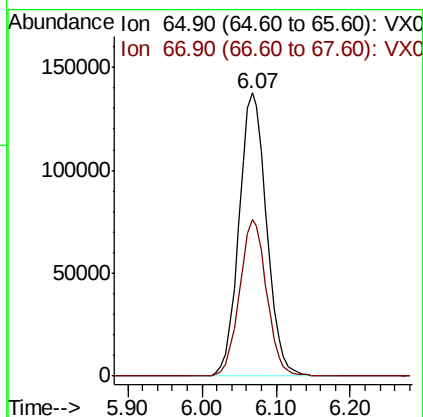
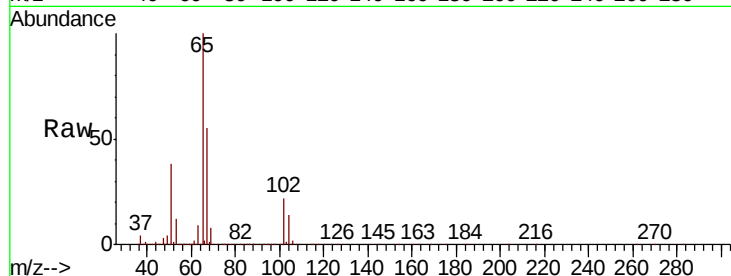
BPS1-TT-MW307D-20181211

Tot Ion: 65 Resp: 358175

Ion Ratio Lower Upper

65 100

67 54.2 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: VX006451.D

Acq: 12 Dec 2018 17:59

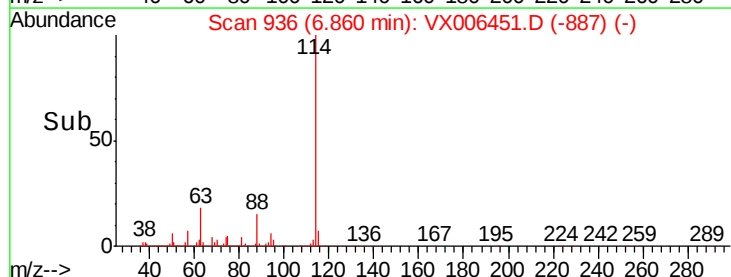
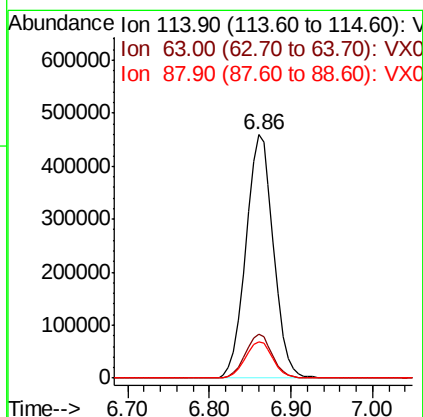
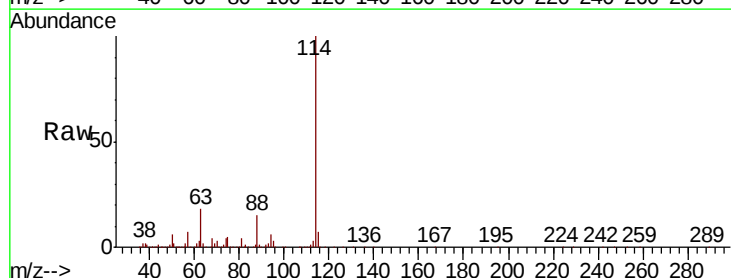
Tgt Ion: 114 Resp: 1079034

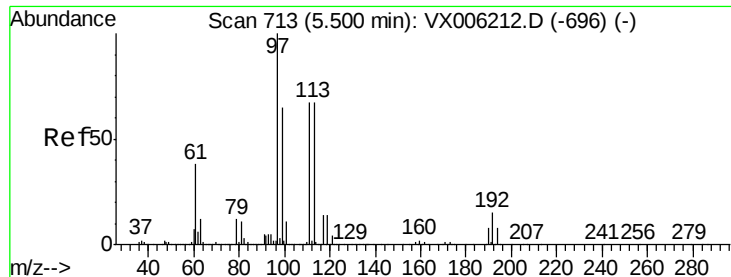
Ion Ratio Lower Upper

114 100

63 18.1 0.0 36.6

88 15.0 0.0 29.0





#35

Dibromofluoromethane

Concen: 46.410 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006451.D

Acq: 12 Dec 2018 17:59

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW307D-20181211

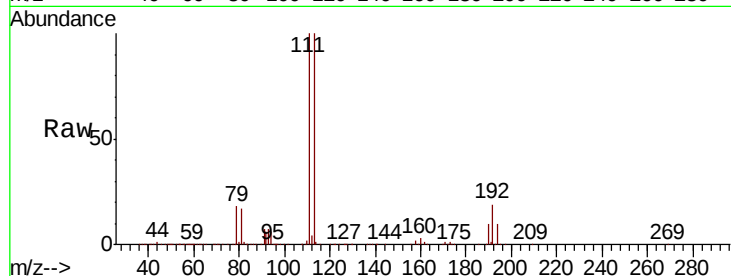
Tot Ion:113 Resp: 324238

Ion Ratio Lower Upper

113 100

111 103.3 81.1 121.7

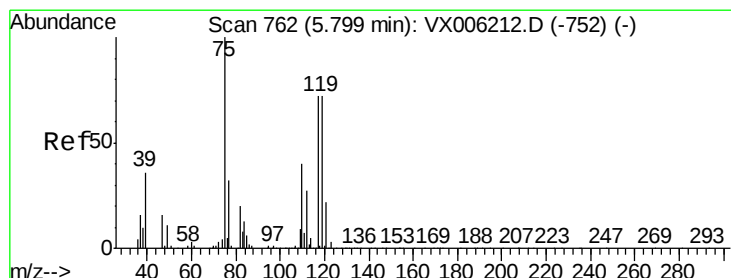
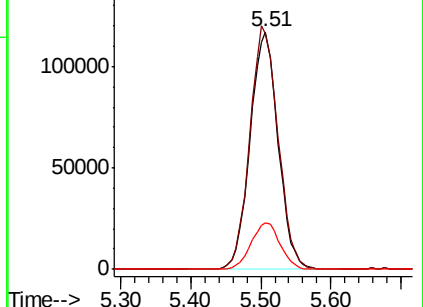
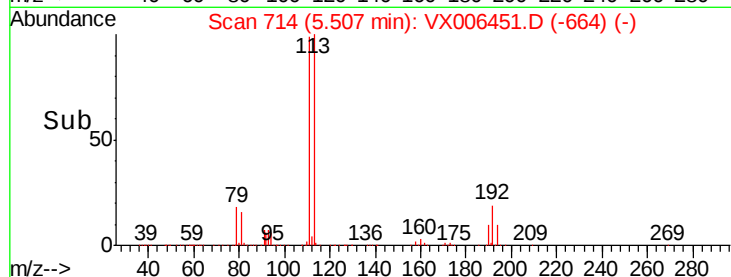
192 20.4 18.2 27.2



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: 5.153 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX006451.D

Acq: 12 Dec 2018 17:59

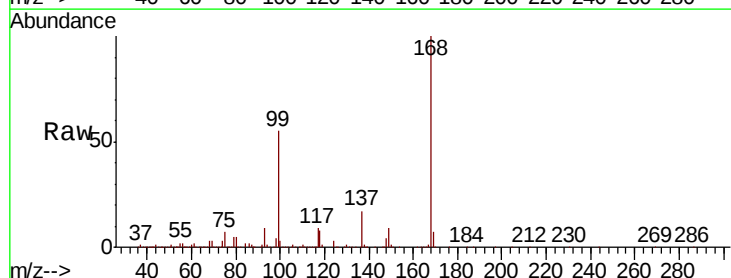
Tgt Ion: 75 Resp: 46827

Ion Ratio Lower Upper

75 100

110 9.9 20.4 61.3#

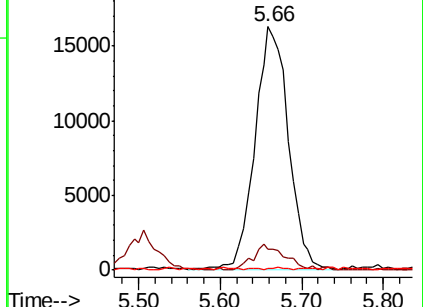
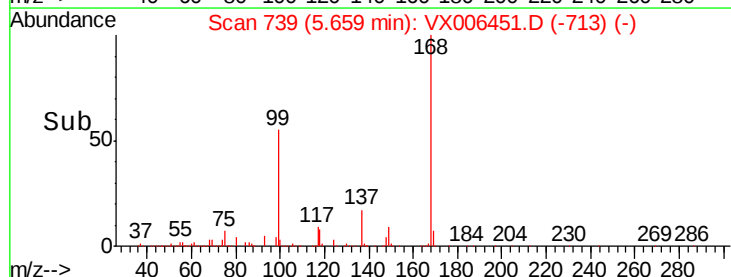
77 0.3 24.9 37.3#

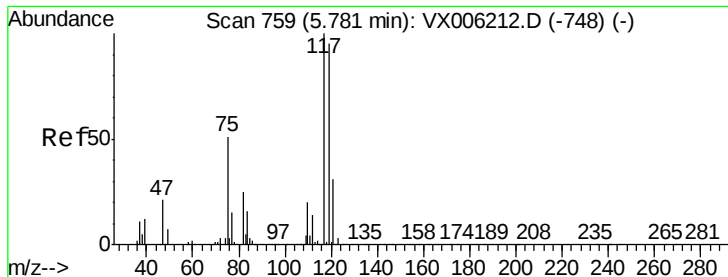


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.069 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX006451.D

Acq: 12 Dec 2018 17:59

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW307D-20181211

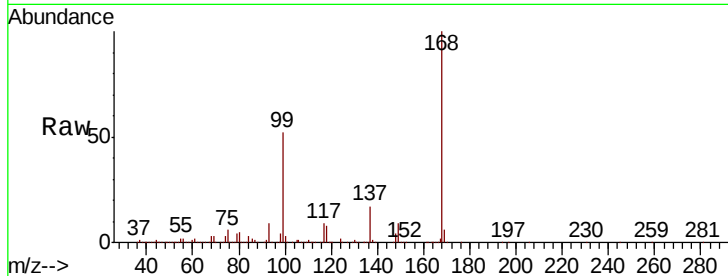
Tot Ion:117 Resp: 64878

Ion Ratio Lower Upper

117 100

119 4.3 75.8 113.8#

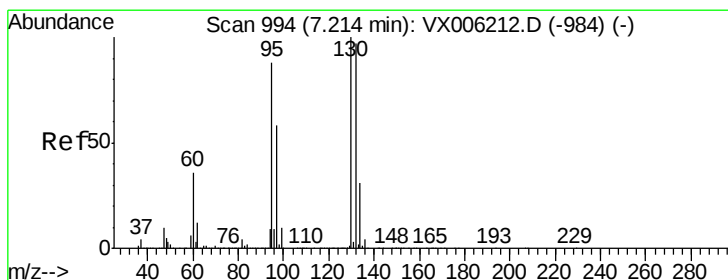
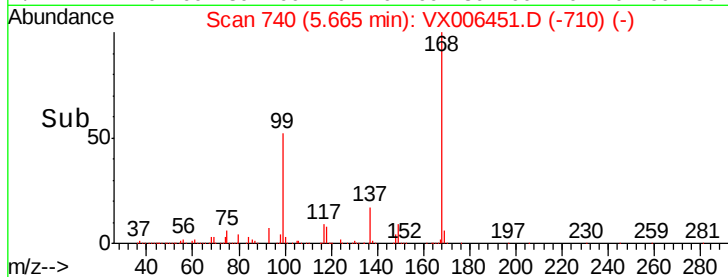
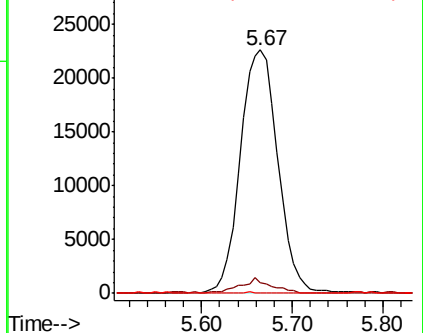
121 0.0 24.6 37.0#



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



#44

Trichloroethene

Concen: 0.362 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX006451.D

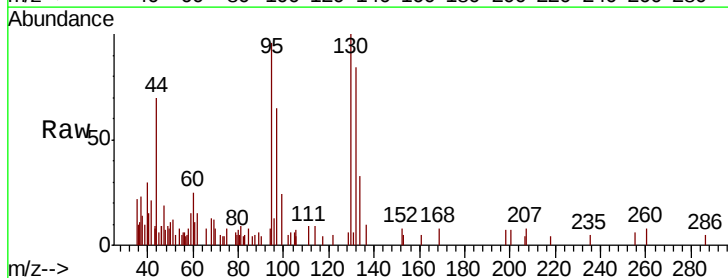
Acq: 12 Dec 2018 17:59

Tgt Ion:130 Resp: 2981

Ion Ratio Lower Upper

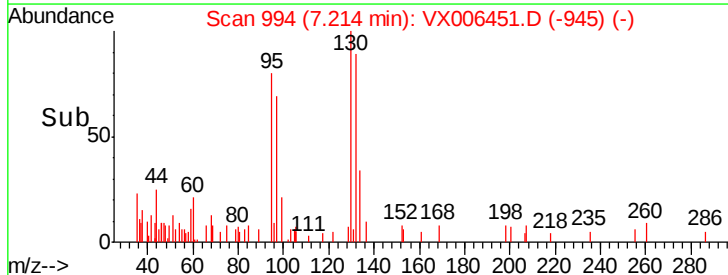
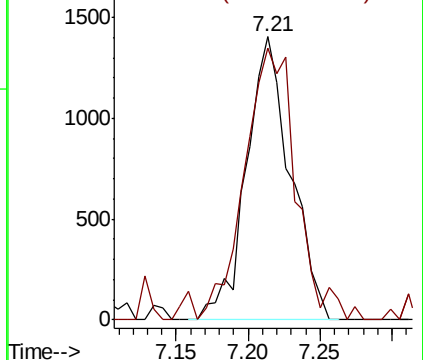
130 100

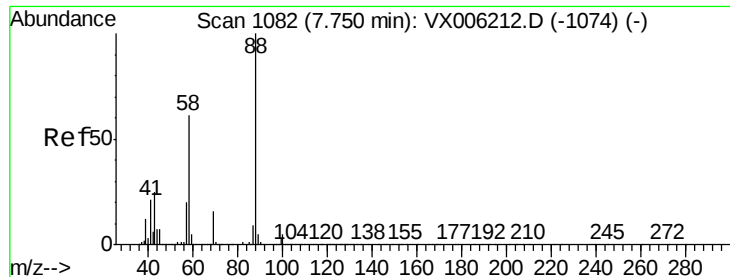
95 88.7 0.0 175.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#49

1,4-Dioxane

Concen: 0.226 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006451.D

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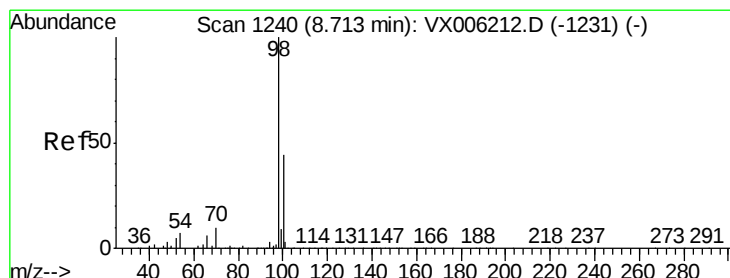
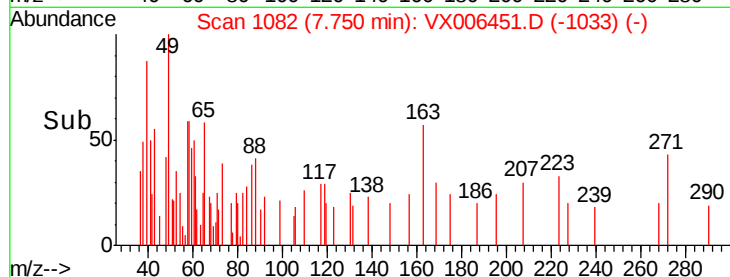
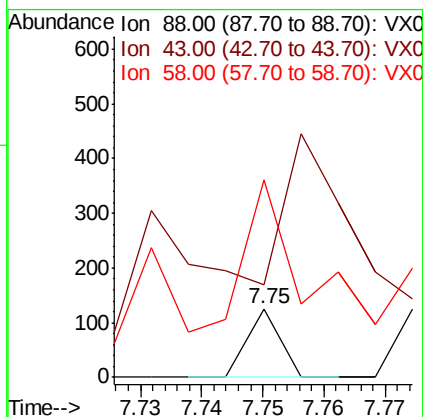
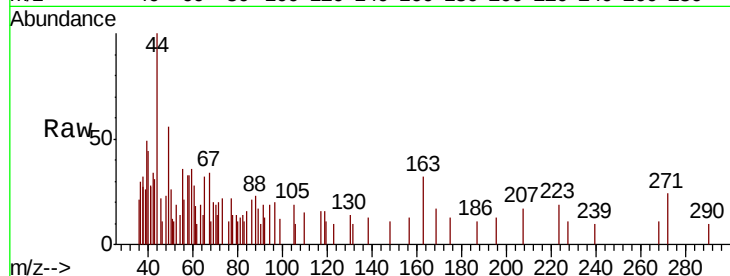
Tot Ion: 88 Resp: 46

Ion Ratio Lower Upper

88 100

43 1215.2 23.2 34.8#

58 382.6 51.4 77.0#



#50

Toluene-d8

Concen: 49.324 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006451.D

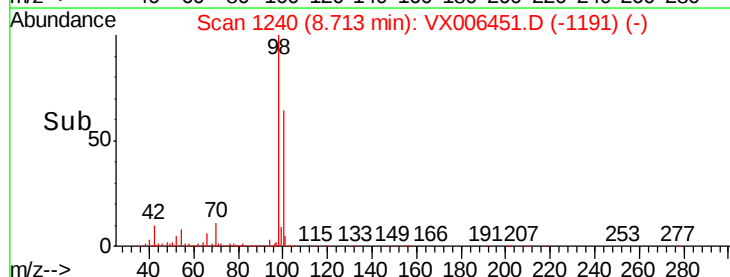
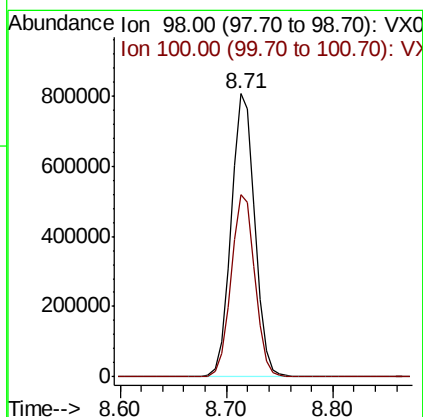
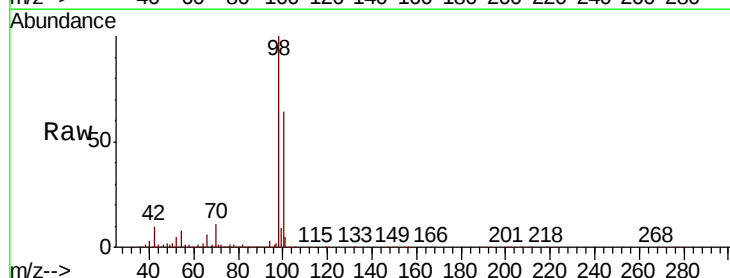
Acq: 12 Dec 2018 17:59

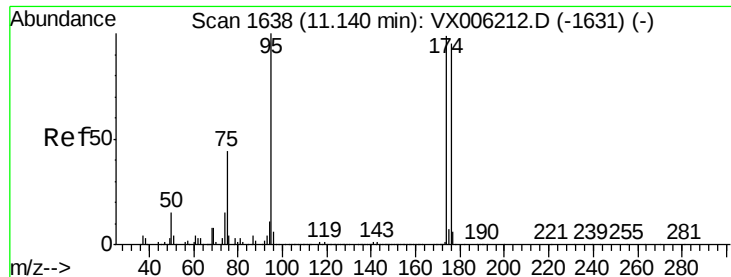
Tgt Ion: 98 Resp: 1253430

Ion Ratio Lower Upper

98 100

100 64.8 52.2 78.2





#62

4-Bromofluorobenzene

Concen: 48.150 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006451.D

Acq: 12 Dec 2018 17:59

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ClientSampleId :

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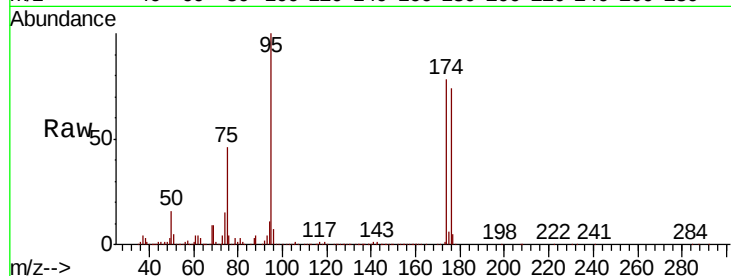
Tot Ion: 95 Resp: 461091

Ion Ratio Lower Upper

95 100

174 85.9 0.0 187.0

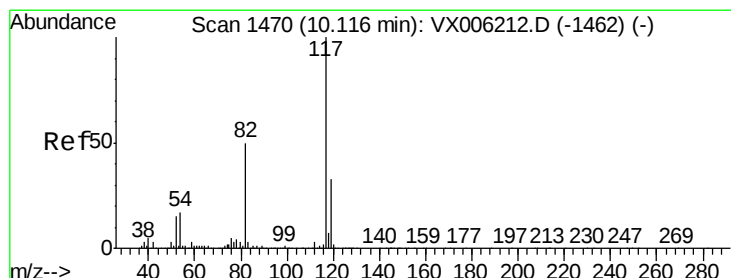
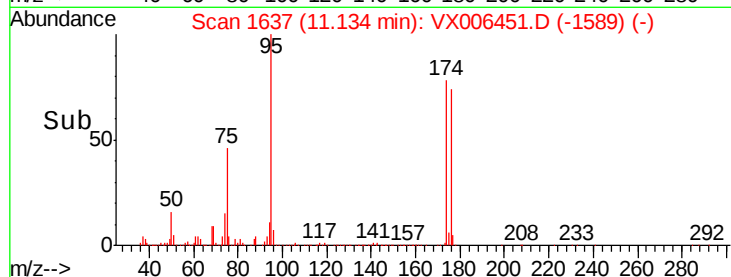
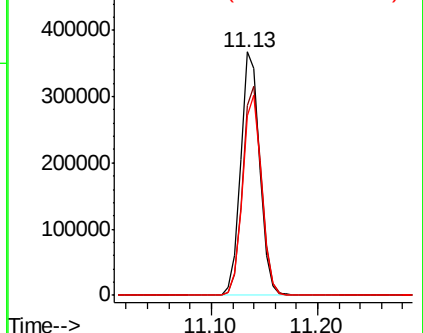
176 82.5 0.0 181.8



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: VX006451.D

Acq: 12 Dec 2018 17:59

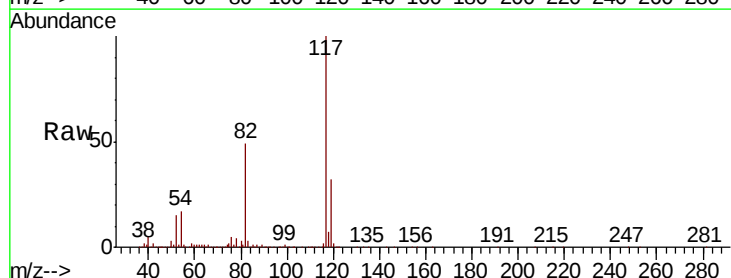
Tgt Ion: 117 Resp: 976931

Ion Ratio Lower Upper

117 100

82 49.4 39.6 59.4

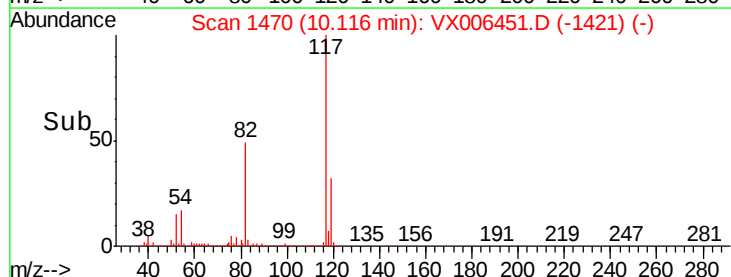
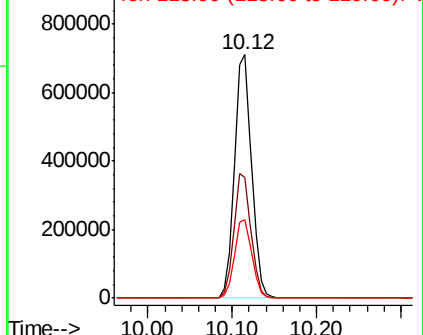
119 32.3 26.3 39.5

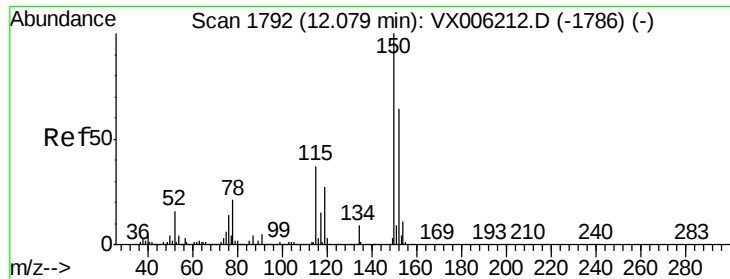


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006451.D

Acq: 12 Dec 2018 17:59

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW307D-20181211

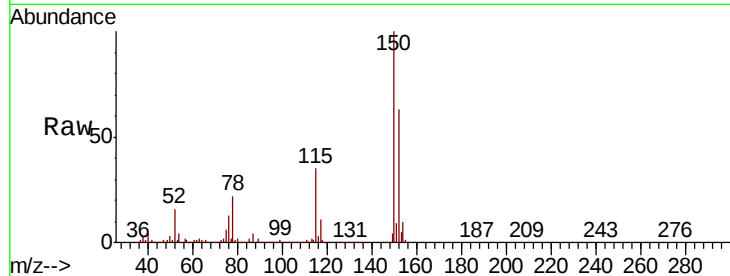
Tot Ion:152 Resp: 460885

Ion Ratio Lower Upper

152 100

115 56.6 39.0 116.9

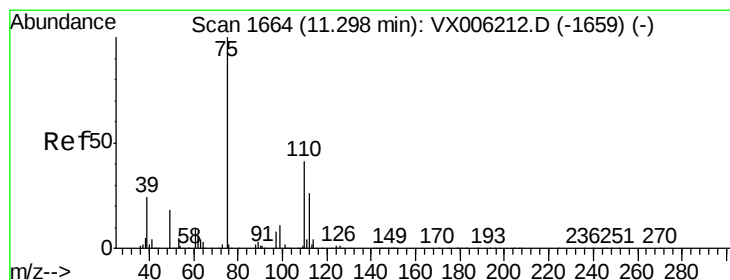
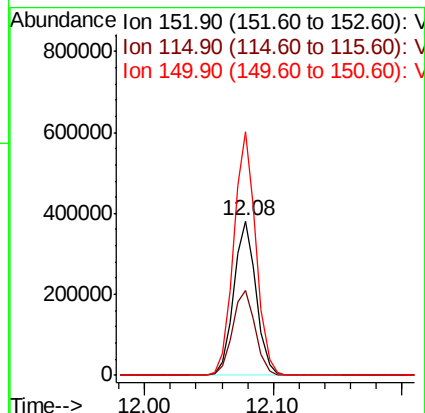
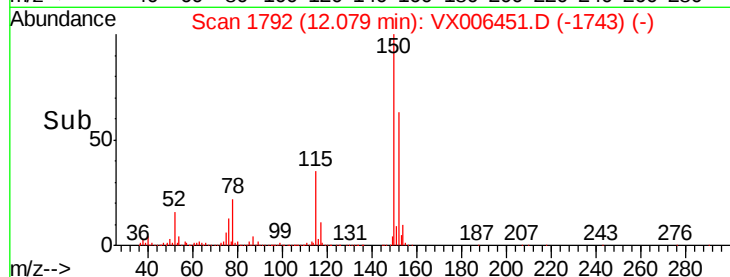
150 157.0 0.0 345.8



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: 23.657 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX006451.D

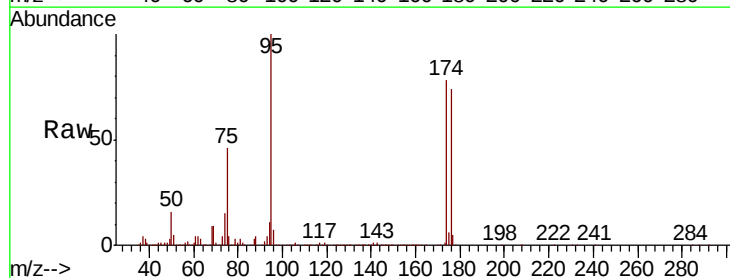
Acq: 12 Dec 2018 17:59

Tgt Ion: 75 Resp: 210445

Ion Ratio Lower Upper

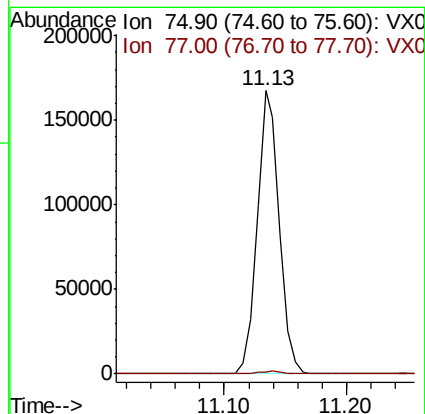
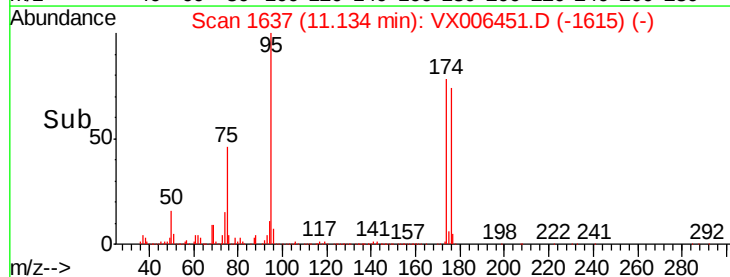
75 100

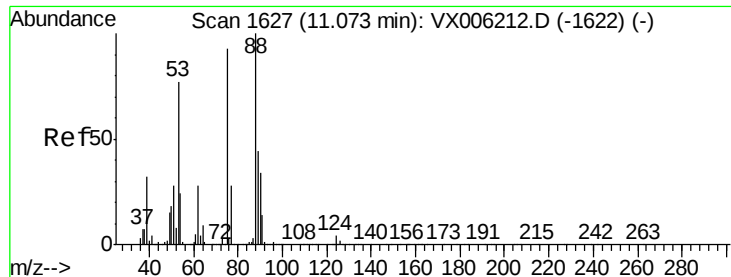
77 1.2 19.9 59.7#



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: 55.515 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006451.D

Acq: 12 Dec 2018 17:59

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW307D-20181211

Tot Ion: 75 Resp: 210445

Ion Ratio Lower Upper

75 100

53 0.0 64.4 96.6#

89 0.0 44.2 66.4#

