

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020419\
 Data File : VX007353.D
 Acq On : 04 Feb 2019 12:30
 Operator : JC/SP
 Sample : K1296-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-MW202I-20190129

Quant Time: Feb 05 00:16:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

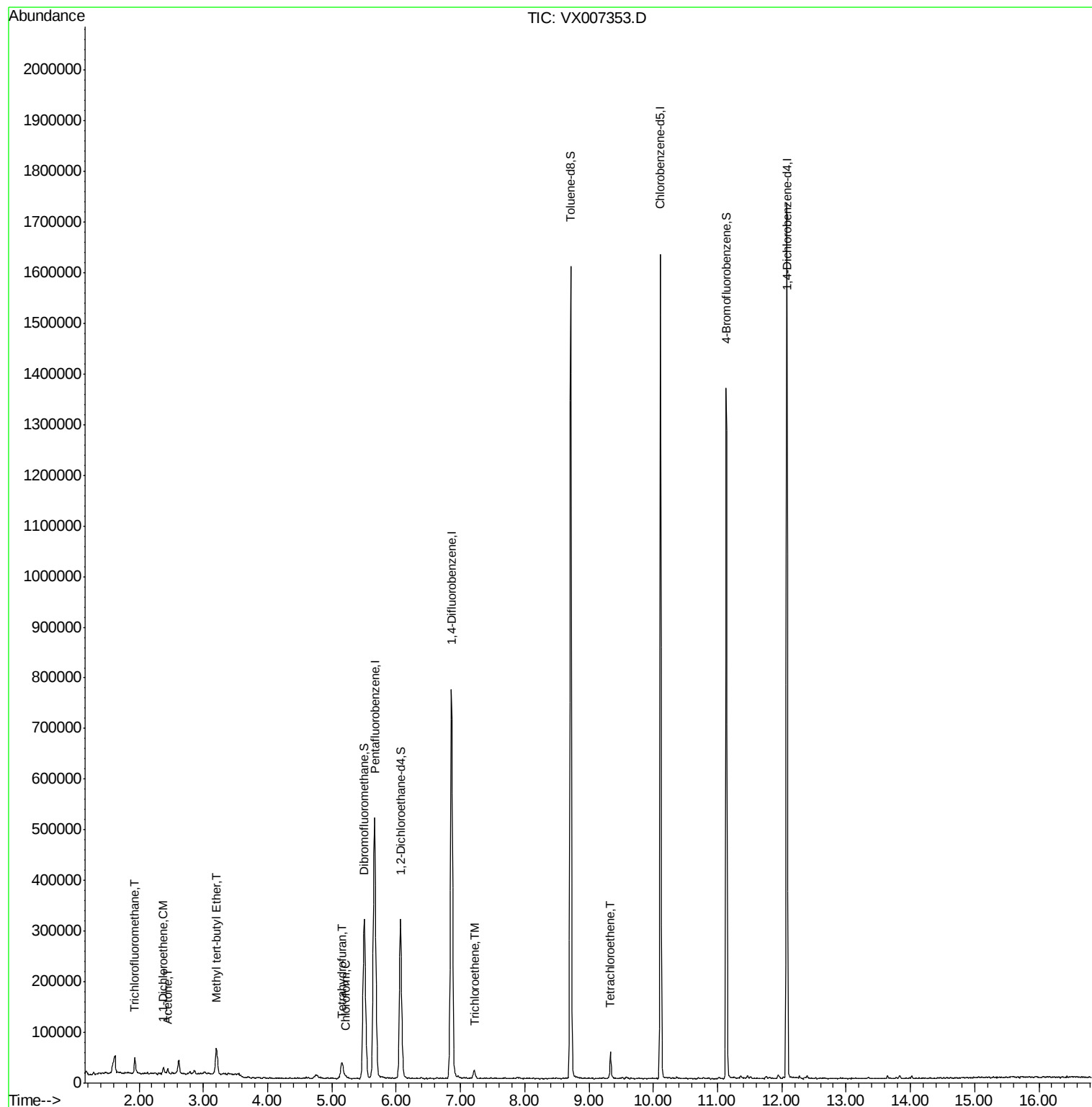
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	529538	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	821347	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	770275	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	372219	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	283692	50.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.94%	
35) Dibromofluoromethane	5.50	113	263170	49.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.48%	
50) Toluene-d8	8.71	98	980750	49.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.92%	
62) 4-Bromofluorobenzene	11.13	95	346868	47.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.84%	
Target Compounds						
					Qvalue	
7) Trichlorofluoromethane	1.93	101	22599	2.469	ug/l	100
12) 1,1-Dichloroethene	2.38	96	5180	1.025	ug/l	87
16) Acetone	2.45	43	7860	3.053	ug/l	92
19) Methyl tert-butyl Ether	3.20	73	56919	3.475	ug/l	98
29) Tetrahydrofuran	5.17	42	28874	12.530	ug/l	98
30) Chloroform	5.21	83	4514	0.497	ug/l #	71
44) Trichloroethene	7.21	130	6305	0.964	ug/l	99
64) Tetrachloroethene	9.34	164	10347	1.425	ug/l	93

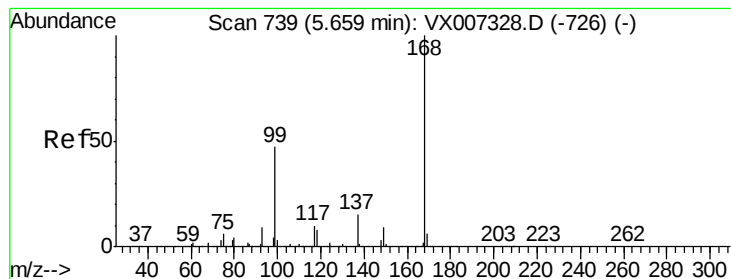
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007353.D

Acq: 04 Feb 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

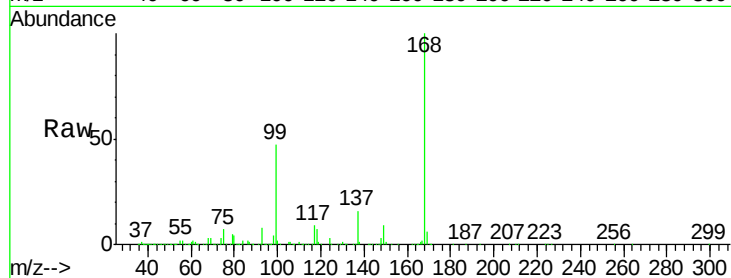
BP-TT-MW202I-20190129

Tot Ion:168 Resp: 529538

Ion Ratio Lower Upper

168 100

99 46.9 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

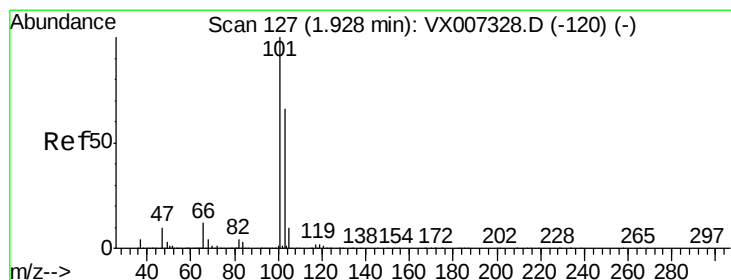
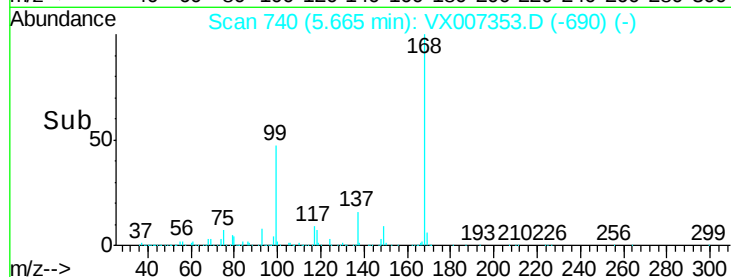
150000

100000

50000

0

Time-->



#7

Trichlorofluoromethane

Concen: 2.469 ug/l

RT: 1.93 min Scan# 128

Delta R.T. 0.01 min

Lab File: VX007353.D

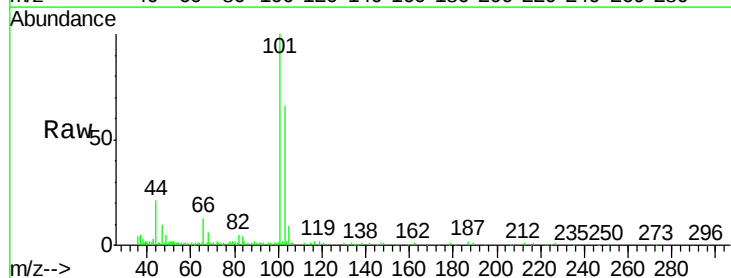
Acq: 04 Feb 2019 12:30

Tgt Ion:101 Resp: 22599

Ion Ratio Lower Upper

101 100

103 66.1 52.6 79.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

1.93

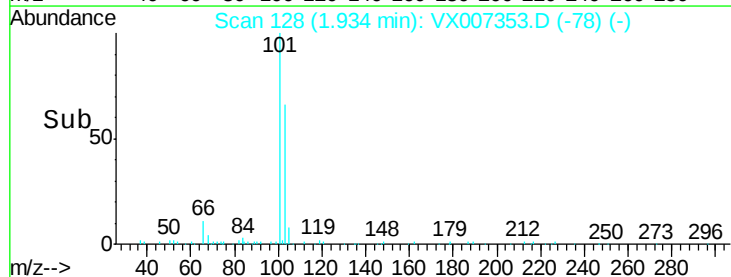
15000

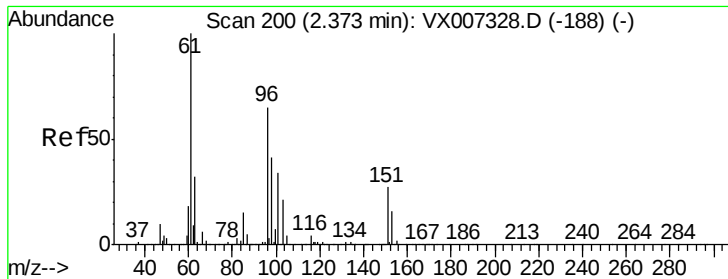
10000

5000

0

Time-->





#12

1,1-Dichloroethene

Concen: 1.025 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.01 min

Lab File: VX007353.D

Acq: 04 Feb 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW202I-20190129

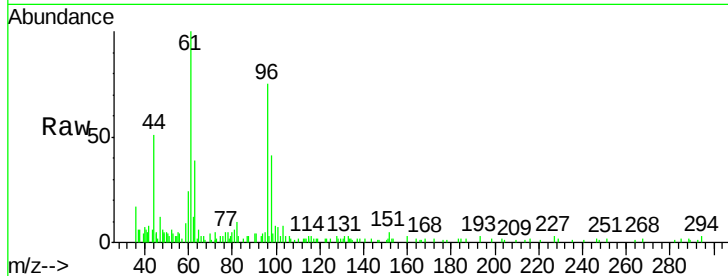
Tot Ion: 96 Resp: 5180

Ion Ratio Lower Upper

96 100

61 136.4 123.0 184.4

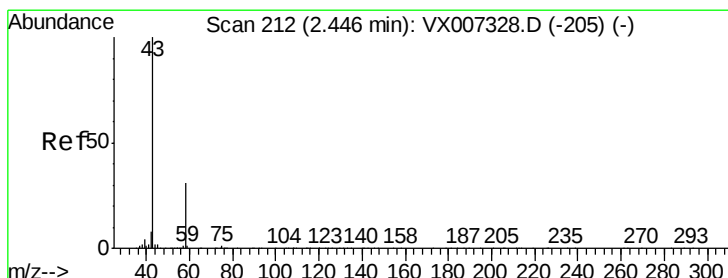
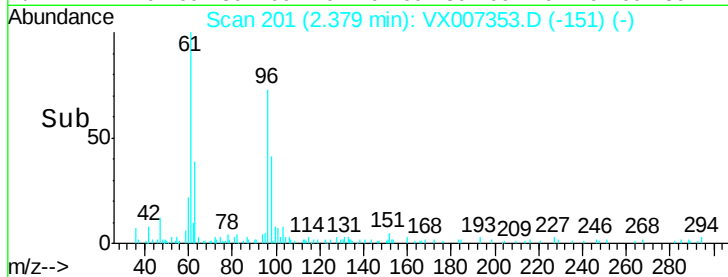
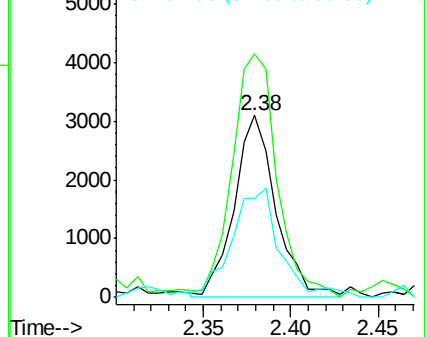
98 53.0 50.9 76.3



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#16

Acetone

Concen: 3.053 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007353.D

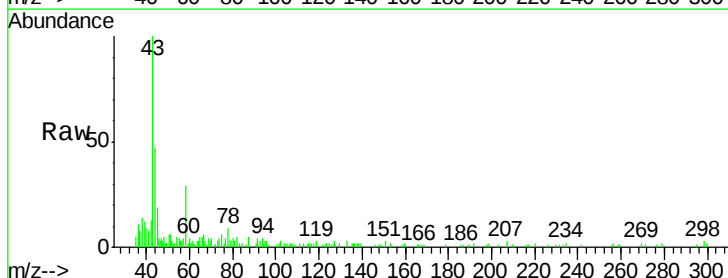
Acq: 04 Feb 2019 12:30

Tgt Ion: 43 Resp: 7860

Ion Ratio Lower Upper

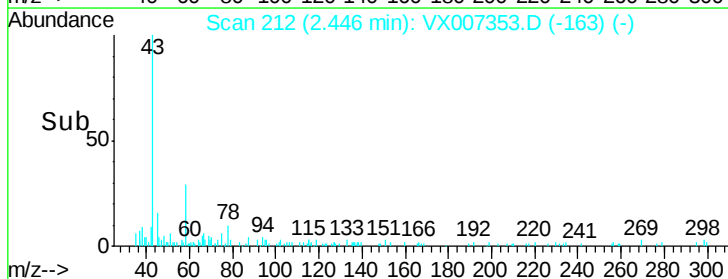
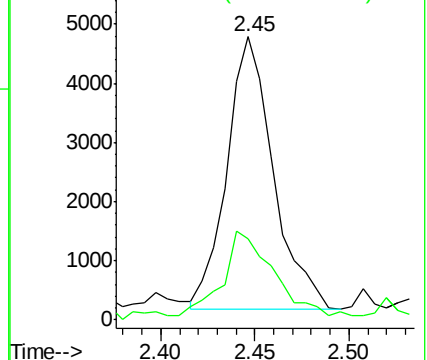
43 100

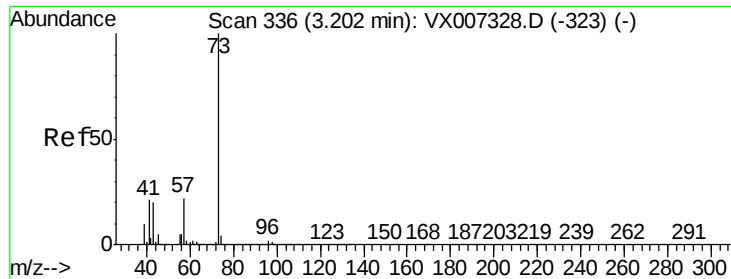
58 26.6 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

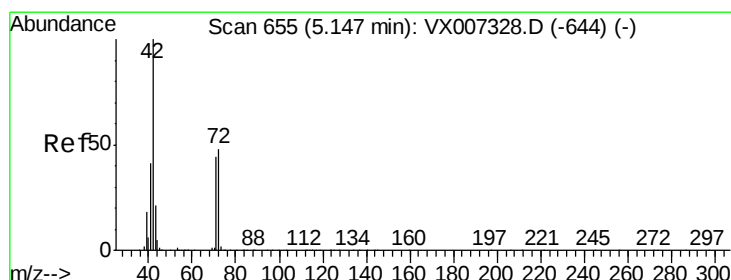
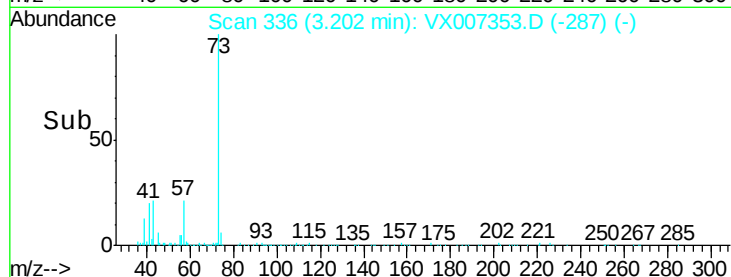
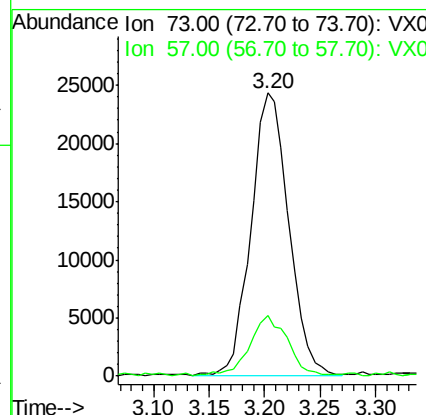
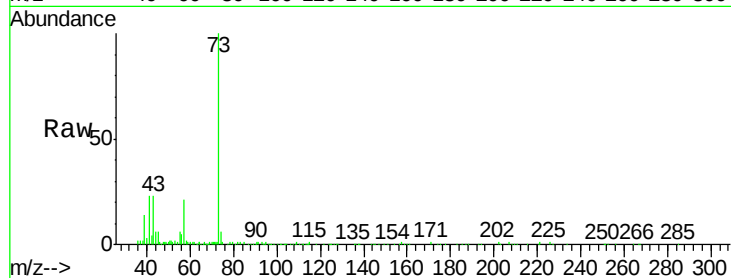




#19
Methvl tert-butvl Ether
Concen: 3.475 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX007353.D
Acq: 04 Feb 2019 12:30

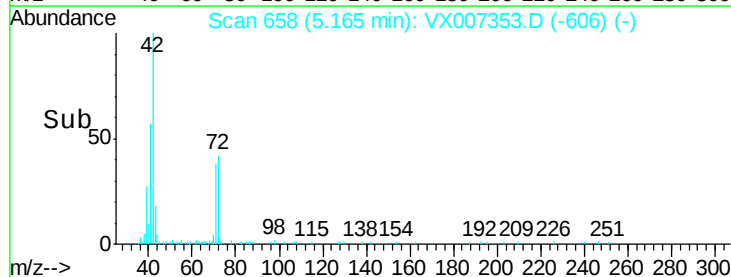
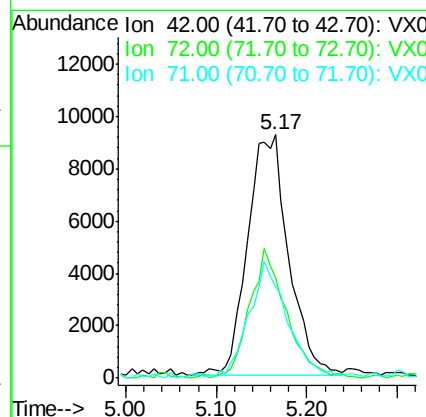
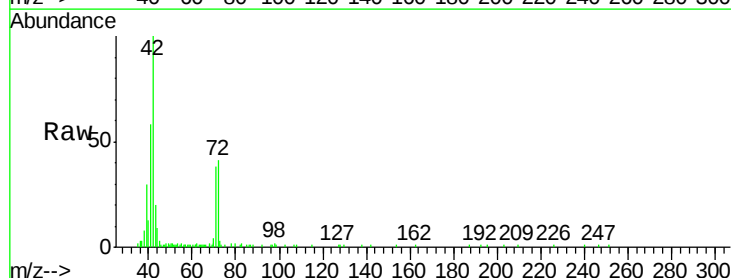
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW202I-20190129

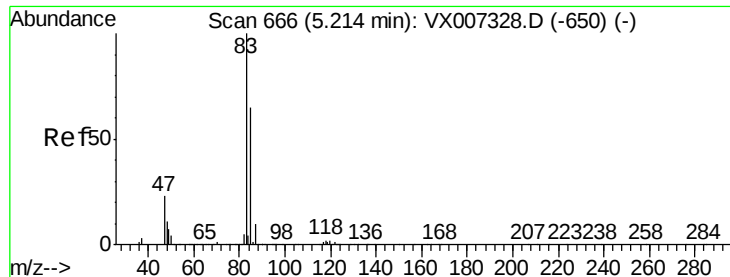
Tot Ion: 73 Resp: 56919
Ion Ratio Lower Upper
73 100
57 21.2 17.8 26.8



#29
Tetrahydrofuran
Concen: 12.530 ug/l
RT: 5.17 min Scan# 658
Delta R.T. 0.02 min
Lab File: VX007353.D
Acq: 04 Feb 2019 12:30

Tgt Ion: 42 Resp: 28874
Ion Ratio Lower Upper
42 100
72 48.3 37.6 56.4
71 44.0 34.6 51.8

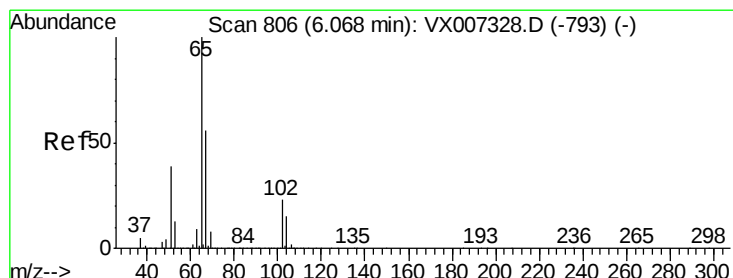
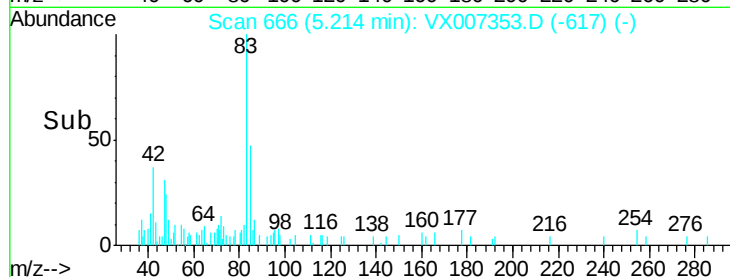
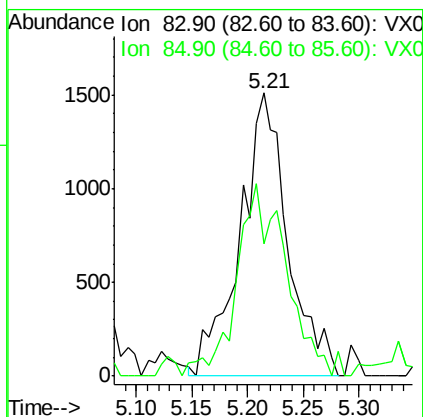
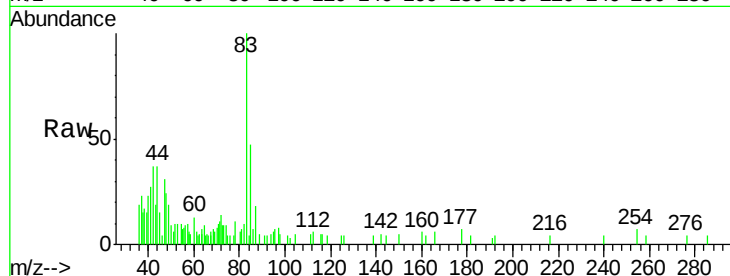




#30
Chloroform
Concen: 0.497 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX007353.D
Acq: 04 Feb 2019 12:30

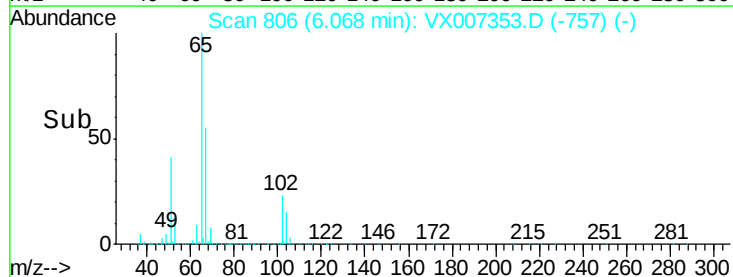
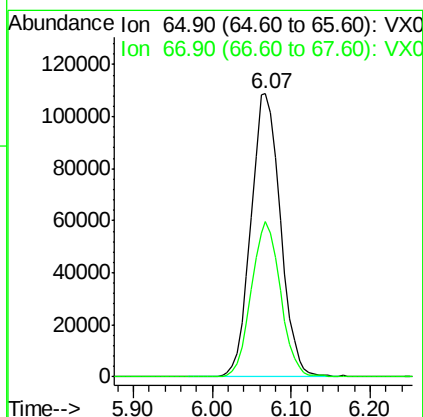
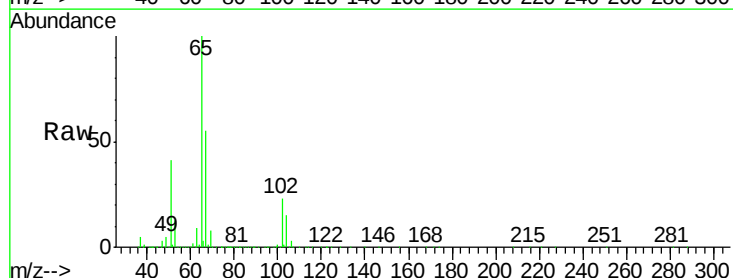
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW202I-20190129

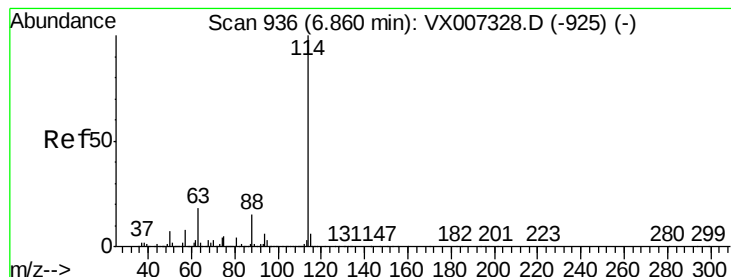
Tot Ion: 83 Resp: 4514
Ion Ratio Lower Upper
83 100
85 41.9 51.6 77.4#



#33
1,2-Dichloroethane-d4
Concen: 50.473 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX007353.D
Acq: 04 Feb 2019 12:30

Tgt Ion: 65 Resp: 283692
Ion Ratio Lower Upper
65 100
67 54.0 0.0 108.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007353.D

Acq: 04 Feb 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW202I-20190129

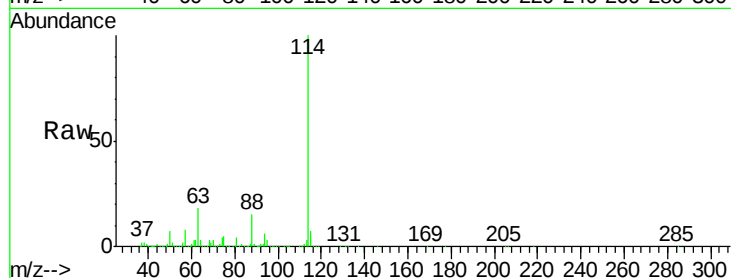
Tot Ion:114 Resp: 821347

Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.6

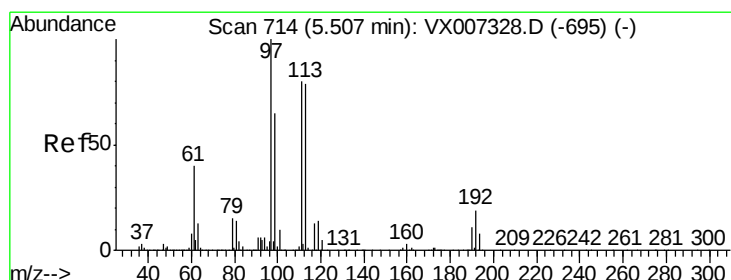
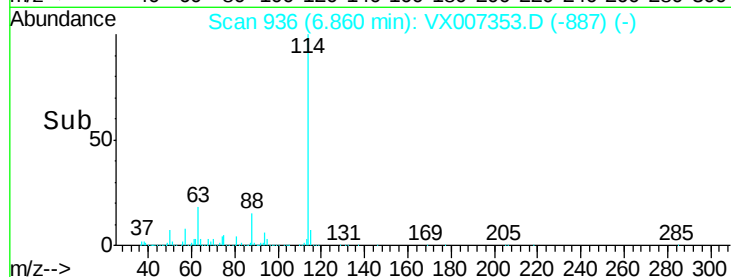
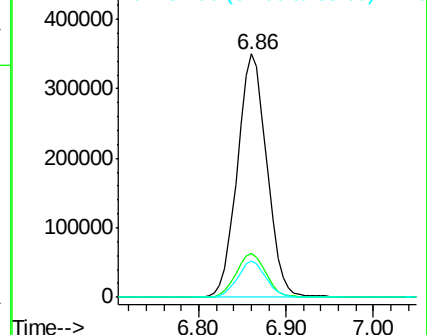
88 15.1 0.0 29.6



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: 49.244 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX007353.D

Acq: 04 Feb 2019 12:30

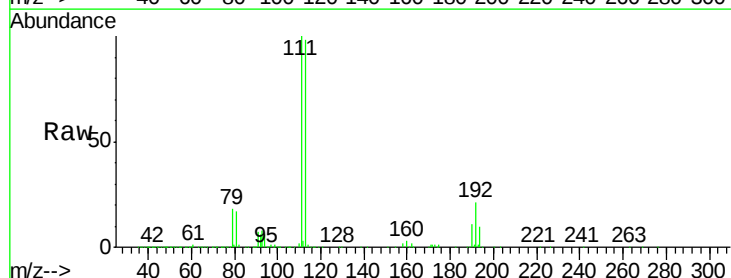
Tgt Ion:113 Resp: 263170

Ion Ratio Lower Upper

113 100

111 101.4 81.8 122.8

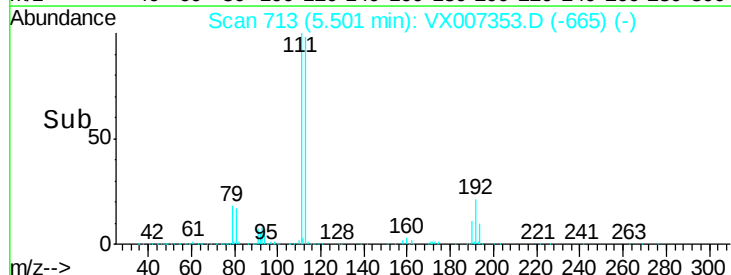
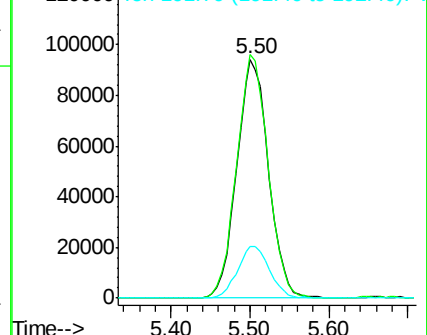
192 21.9 18.5 27.7

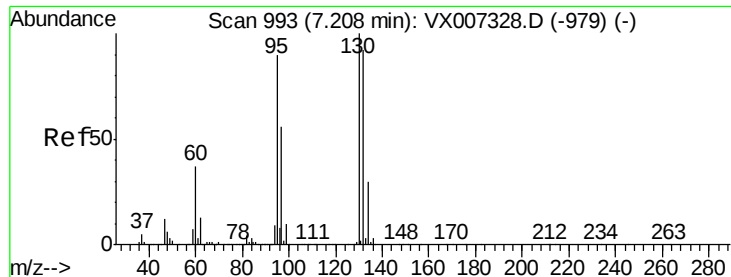


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 0.964 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.01 min

Lab File: VX007353.D

Acq: 04 Feb 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

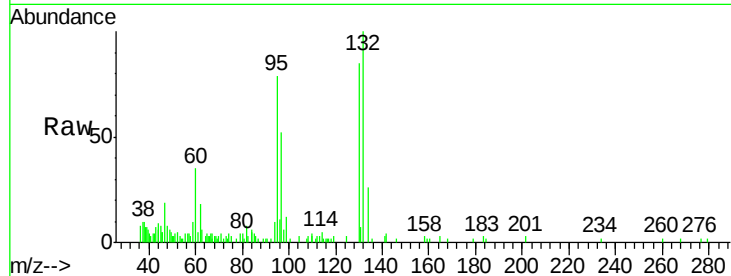
BP-TT-MW202I-20190129

Tot Ion:130 Resp: 6305

Ion Ratio Lower Upper

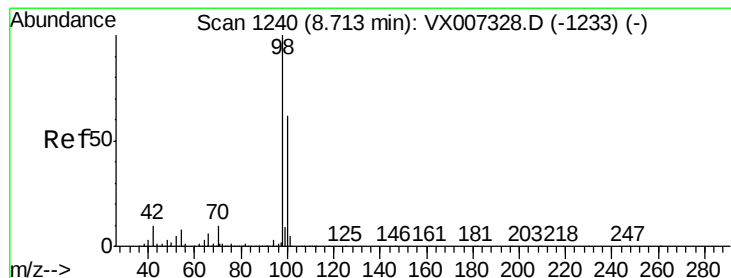
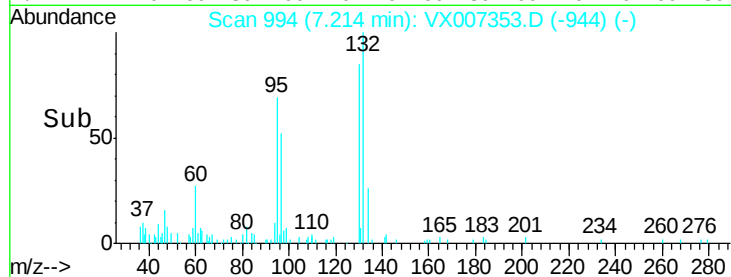
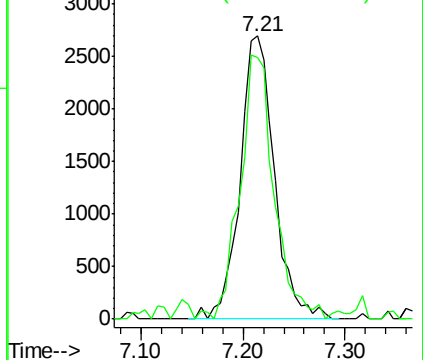
130 100

95 89.5 0.0 180.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 49.463 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007353.D

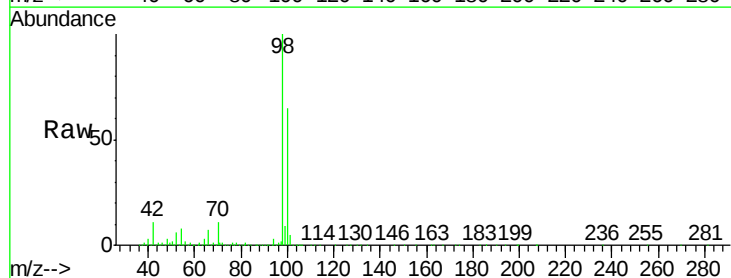
Acq: 04 Feb 2019 12:30

Tgt Ion: 98 Resp: 980750

Ion Ratio Lower Upper

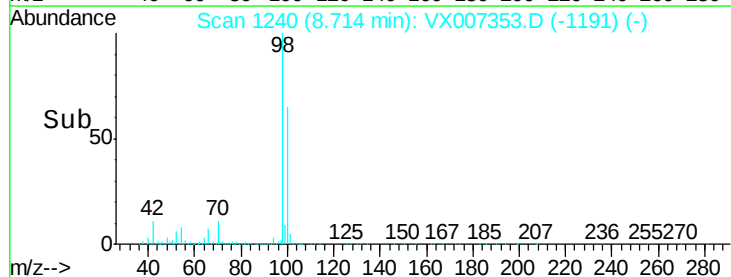
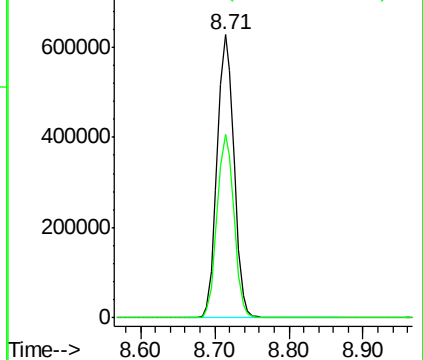
98 100

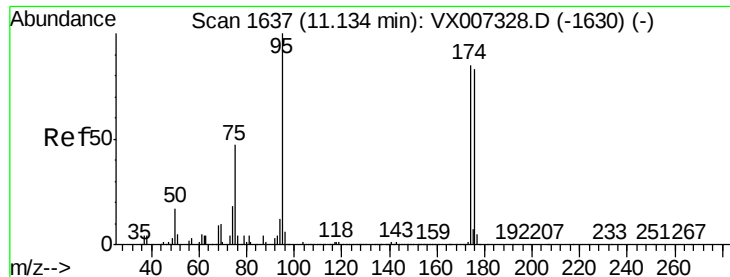
100 64.7 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 47.915 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007353.D

Acq: 04 Feb 2019 12:30

Instrument :

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ClientSampleId :

BP-TT-MW202I-20190129

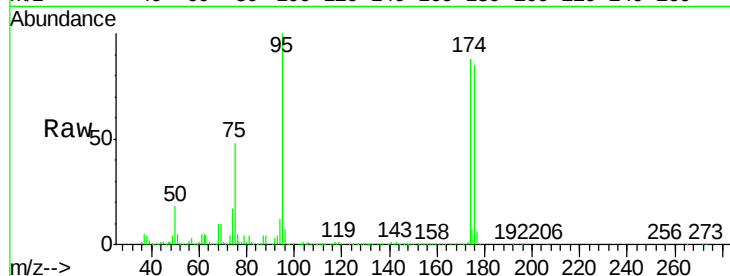
Tot Ion: 95 Resp: 346868

Ion Ratio Lower Upper

95 100

174 93.8 0.0 189.2

176 89.9 0.0 186.2

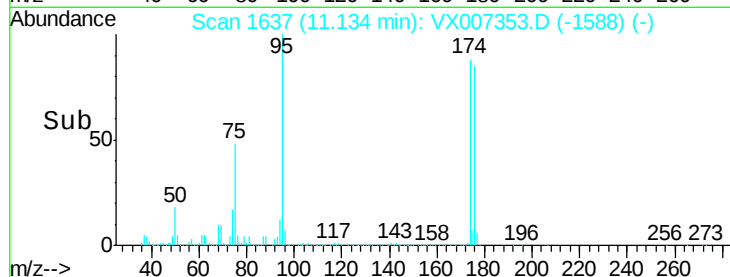


Abundance Ion 94.90 (94.60 to 95.60): VX007328.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX007328.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX007328.D (-1630) (-)

Time-->

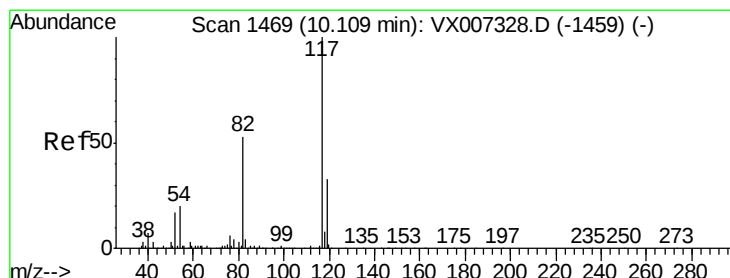


Abundance Ion 94.90 (94.60 to 95.60): VX007353.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX007353.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX007353.D (-1588) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX007353.D

Acq: 04 Feb 2019 12:30

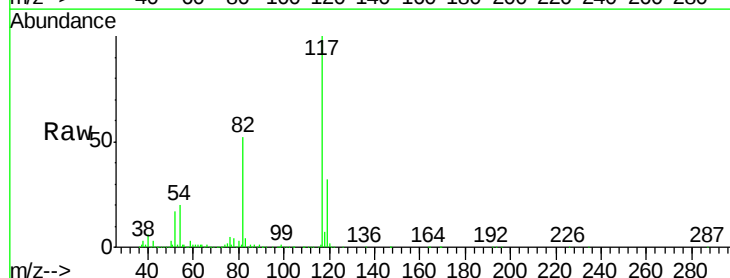
Tgt Ion: 117 Resp: 770275

Ion Ratio Lower Upper

117 100

82 51.9 42.1 63.1

119 31.5 26.5 39.7

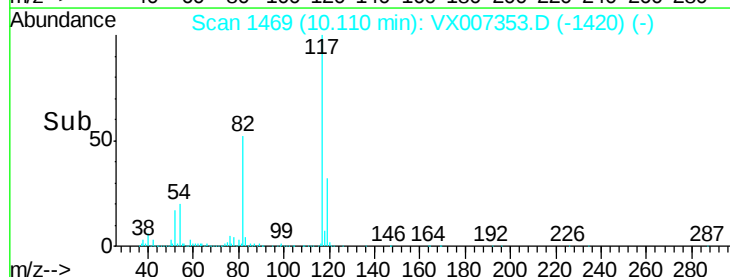


Abundance Ion 116.90 (116.60 to 117.60): VX007328.D (-1459) (-)

Ion 82.00 (81.70 to 82.70): VX007328.D (-1459) (-)

Ion 118.90 (118.60 to 119.60): VX007328.D (-1459) (-)

Time-->

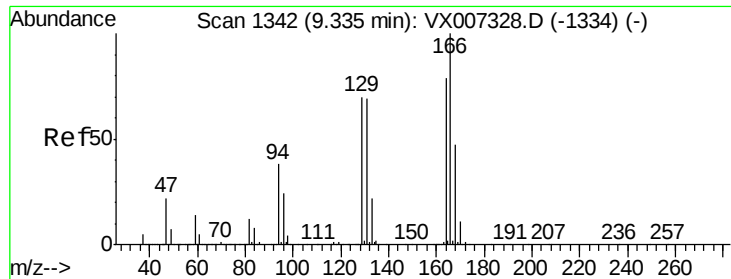


Abundance Ion 116.90 (116.60 to 117.60): VX007353.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX007353.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX007353.D (-1420) (-)

Time-->



#64

Tetrachloroethene

Concen: 1.425 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX007353.D

Acq: 04 Feb 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW202I-20190129

Tot Ion:164 Resp: 10347

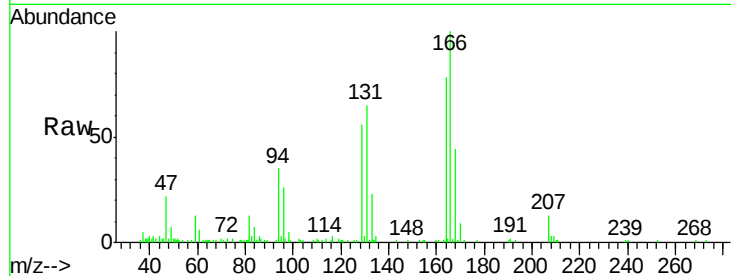
Ion Ratio Lower Upper

164 100

166 127.7 101.0 151.4

129 70.8 70.5 105.7

131 82.5 69.8 104.6

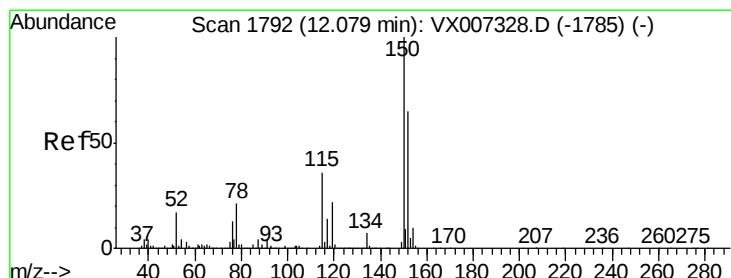
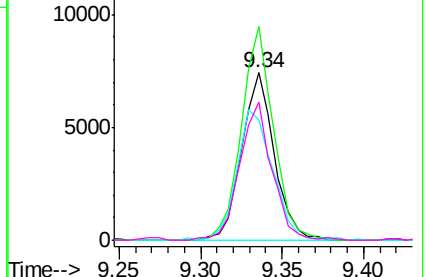
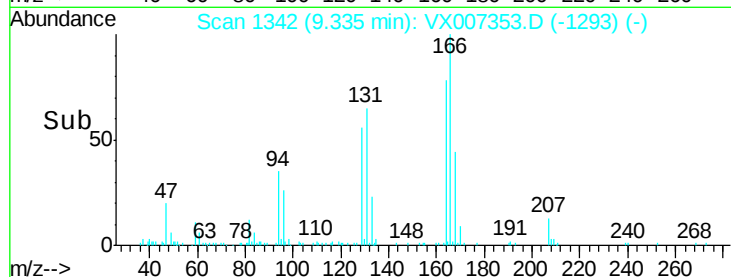


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): 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: VX007353.D

Acq: 04 Feb 2019 12:30

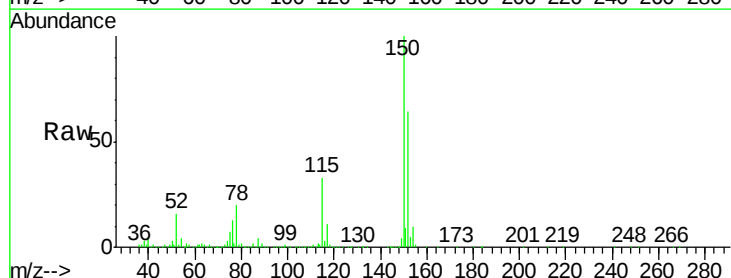
Tgt Ion:152 Resp: 372219

Ion Ratio Lower Upper

152 100

115 54.1 38.0 114.0

150 154.5 0.0 346.4



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

