

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021419\
 Data File : VX007520.D
 Acq On : 13 Feb 2019 15:10
 Operator : JC/SP
 Sample : K1460-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-20190205

Quant Time: Feb 14 03:06:54 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

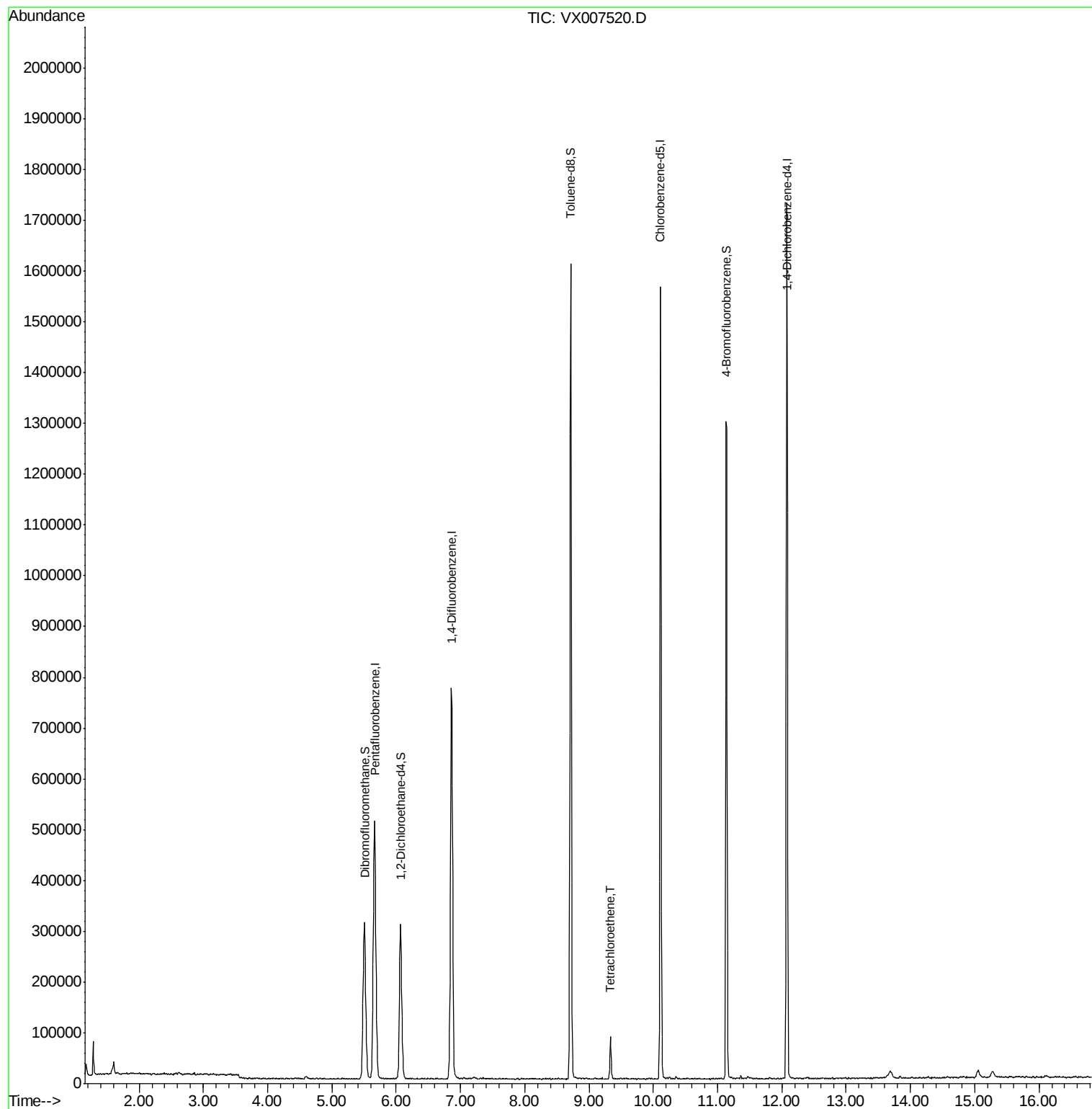
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	520189	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	815139	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	761526	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	365091	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	282642	51.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.38%	
35) Dibromofluoromethane	5.50	113	264649	49.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.80%	
50) Toluene-d8	8.71	98	967117	49.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.30%	
62) 4-Bromofluorobenzene	11.13	95	345078	48.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.06%	
Target Compounds						
64) Tetrachloroethene	9.34	164	16705	2.327	ug/l	Qvalue 94

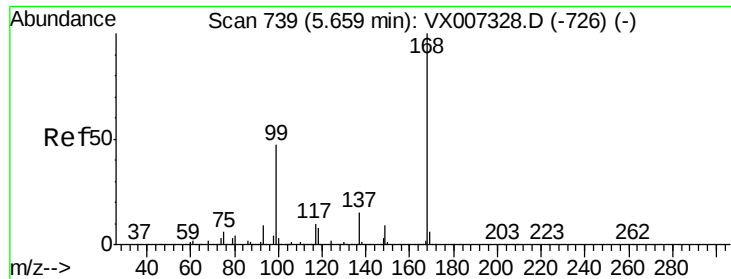
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007520.D

Acq: 13 Feb 2019 15:10

Instrument :

MSVOA_X

ClientSampleId :

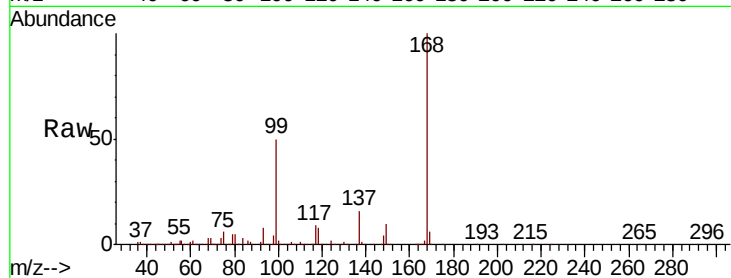
TB-20190205

Tot Ion:168 Resp: 520189

Ion Ratio Lower Upper

168 100

99 50.0 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

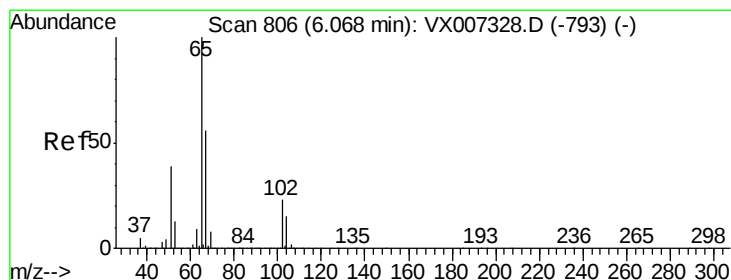
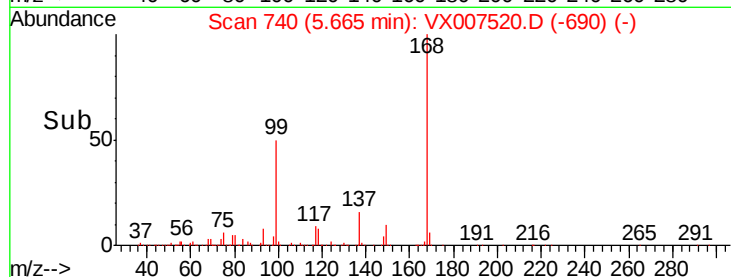
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 51.190 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007520.D

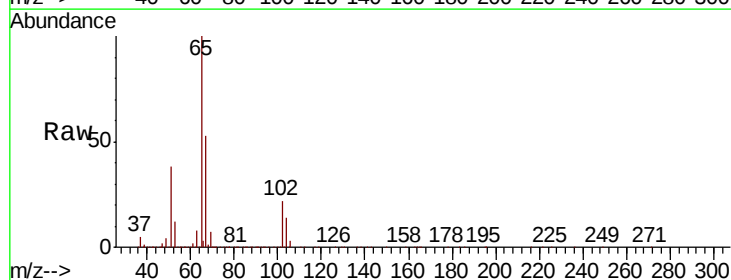
Acq: 13 Feb 2019 15:10

Tgt Ion: 65 Resp: 282642

Ion Ratio Lower Upper

65 100

67 53.9 0.0 108.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

120000

100000

80000

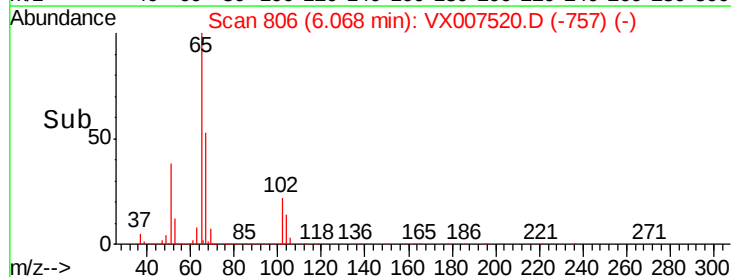
60000

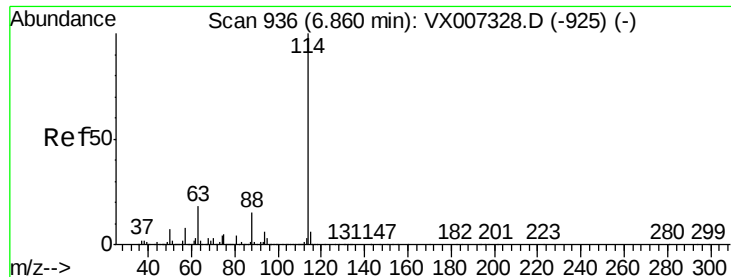
40000

20000

0

Time--> 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007520.D

Acq: 13 Feb 2019 15:10

Instrument :

MSVOA_X

ClientSampleId :

TB-20190205

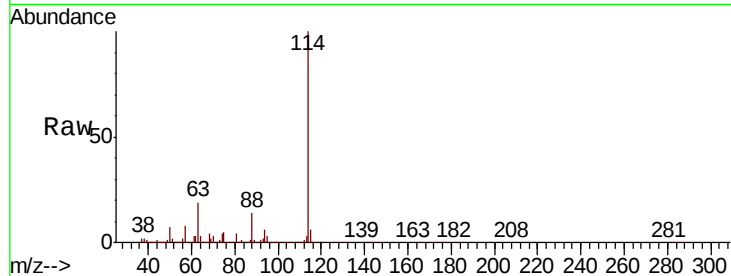
Tot Ion:114 Resp: 815139

Ion Ratio Lower Upper

114 100

63 18.5 0.0 35.6

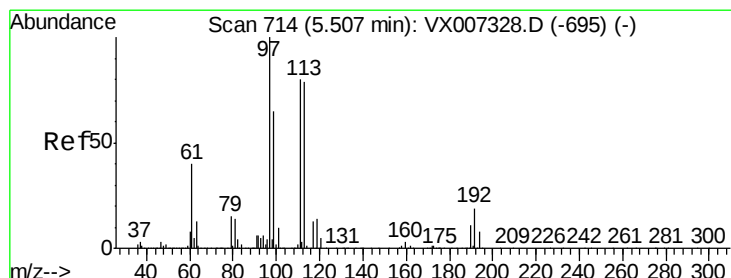
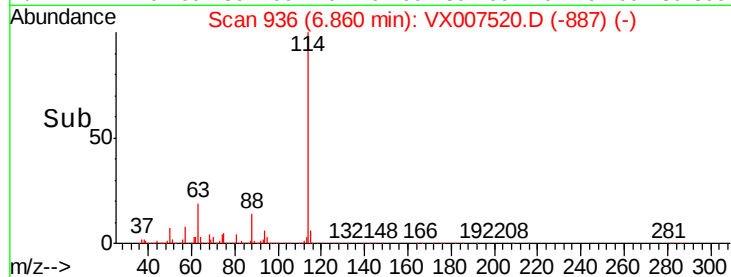
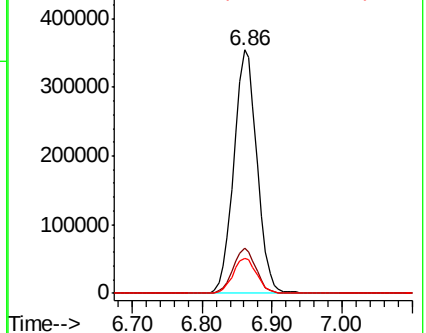
88 14.4 0.0 29.6



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: 49.898 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX007520.D

Acq: 13 Feb 2019 15:10

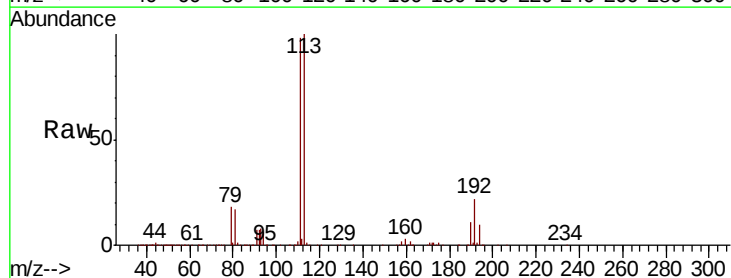
Tgt Ion:113 Resp: 264649

Ion Ratio Lower Upper

113 100

111 101.3 81.8 122.8

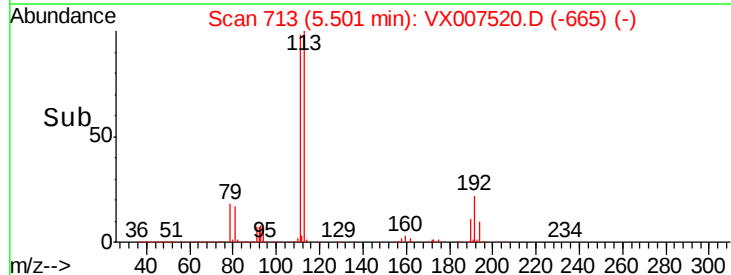
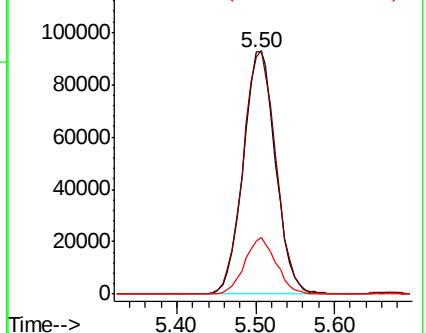
192 22.7 18.5 27.7

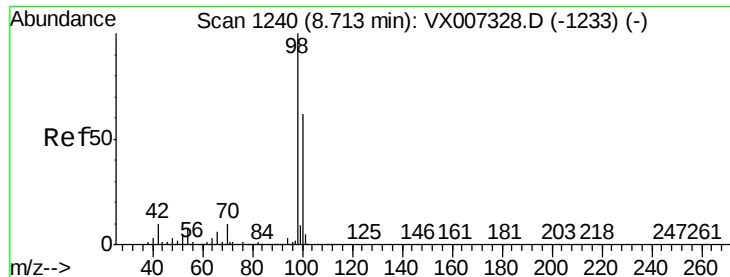


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.147 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007520.D

Acq: 13 Feb 2019 15:10

Instrument :

MSVOA_X

ClientSampleId :

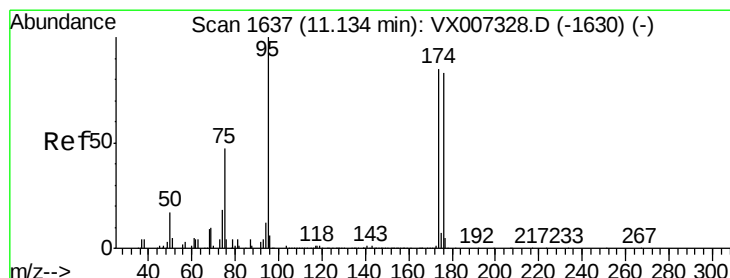
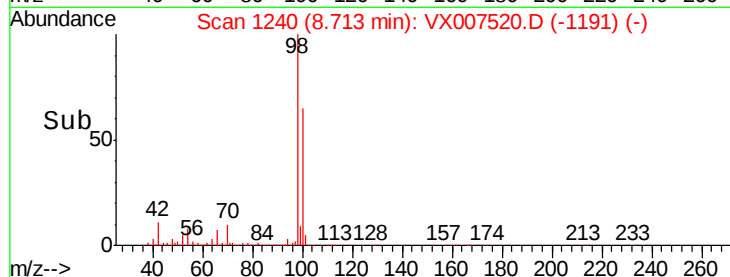
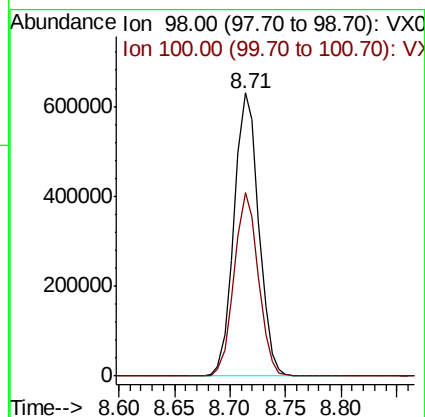
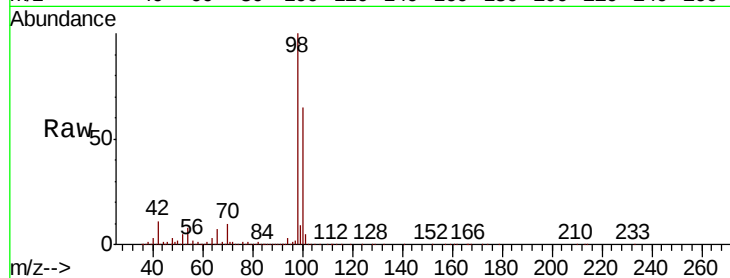
TB-20190205

Tot Ion: 98 Resp: 967117

Ion Ratio Lower Upper

98 100

100 63.6 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 48.031 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007520.D

Acq: 13 Feb 2019 15:10

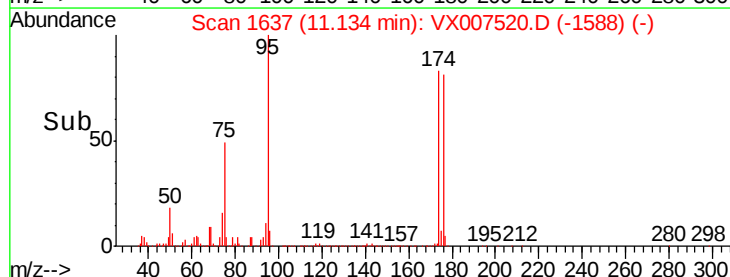
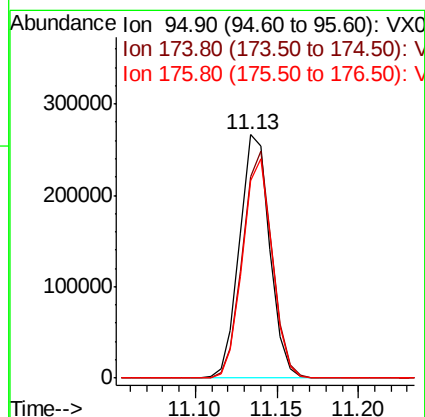
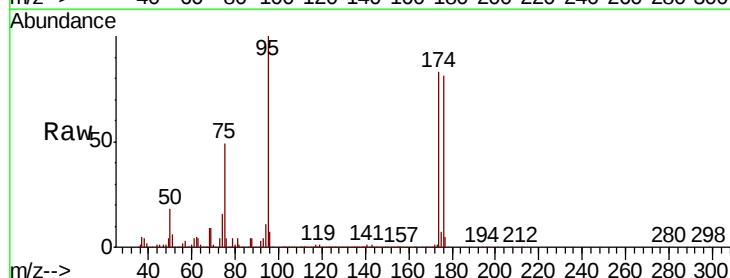
Tgt Ion: 95 Resp: 345078

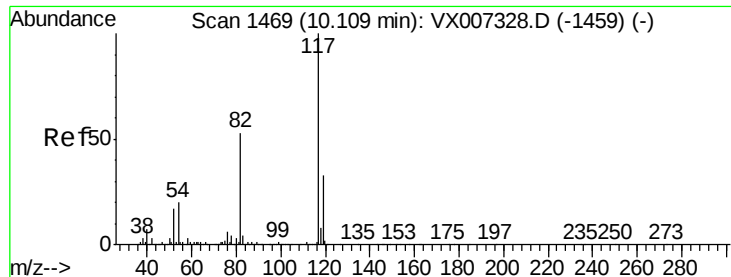
Ion Ratio Lower Upper

95 100

174 91.6 0.0 189.2

176 88.9 0.0 186.2

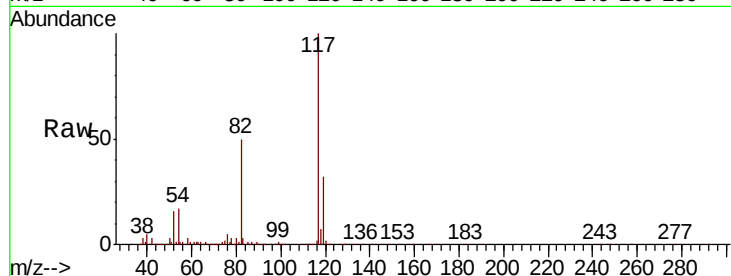




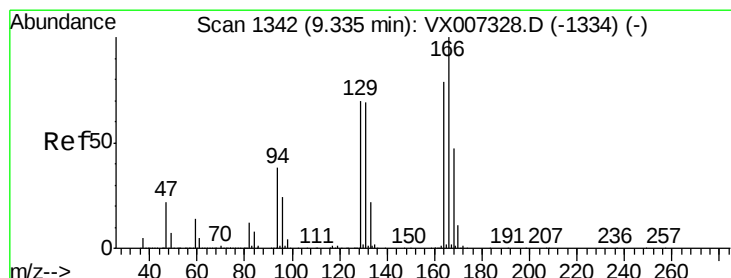
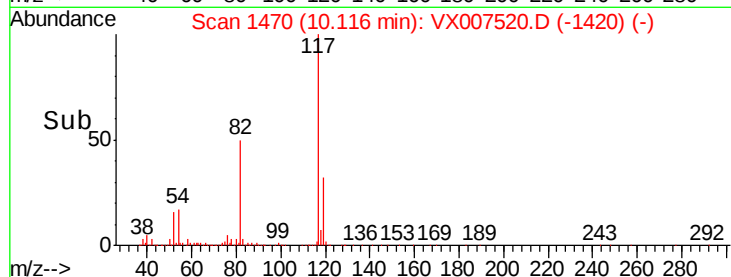
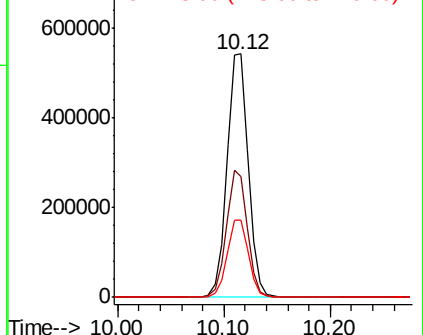
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007520.D
Acq: 13 Feb 2019 15:10

Instrument :
MSVOA_X
ClientSampleId :
TB-20190205

Tot Ion:117 Resp: 761526
Ion Ratio Lower Upper
117 100
82 49.5 42.1 63.1
119 31.6 26.5 39.7

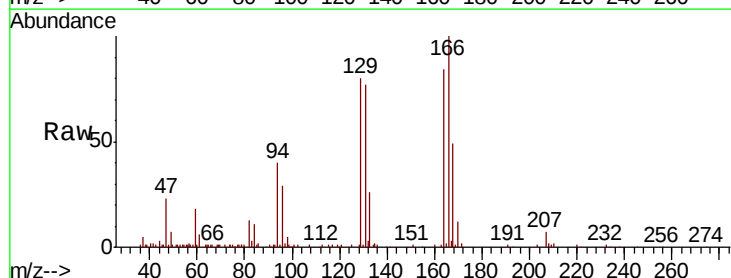


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

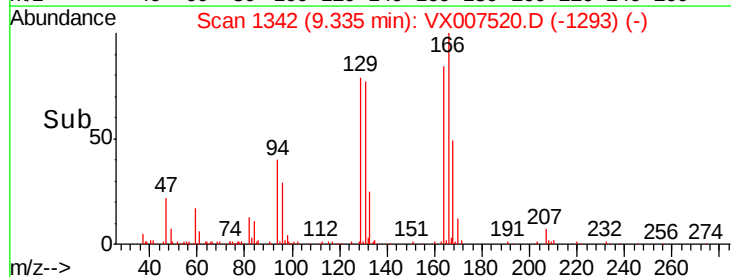
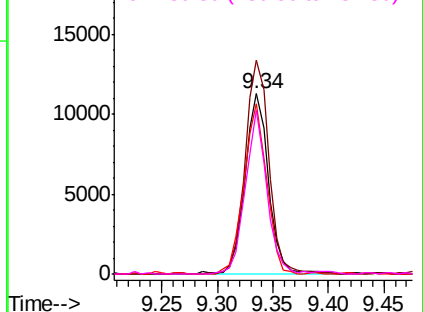


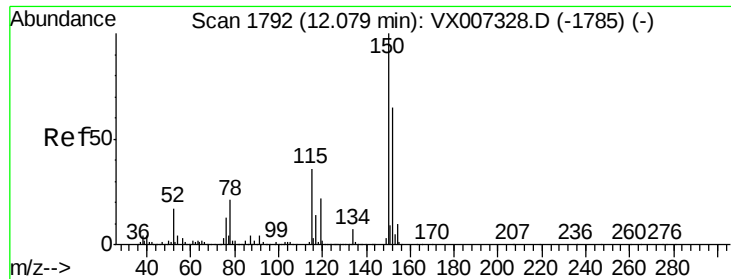
#64
Tetrachloroethene
Concen: 2.327 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007520.D
Acq: 13 Feb 2019 15:10

Tgt Ion:164 Resp: 16705
Ion Ratio Lower Upper
164 100
166 118.6 101.0 151.4
129 94.5 70.5 105.7
131 91.0 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: VX007520.D

Acq: 13 Feb 2019 15:10

Instrument :

MSVOA_X

ClientSampleId :

TB-20190205

Tot Ion:152 Resp: 365091

Ion Ratio Lower Upper

152 100

115 55.2 38.0 114.0

150 156.7 0.0 346.4

