

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041719\
 Data File : VX009027.D
 Acq On : 17 Apr 2019 20:04
 Operator : JC/SP
 Sample : K2449-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS036MW014-190415

Quant Time: Apr 18 04:13:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

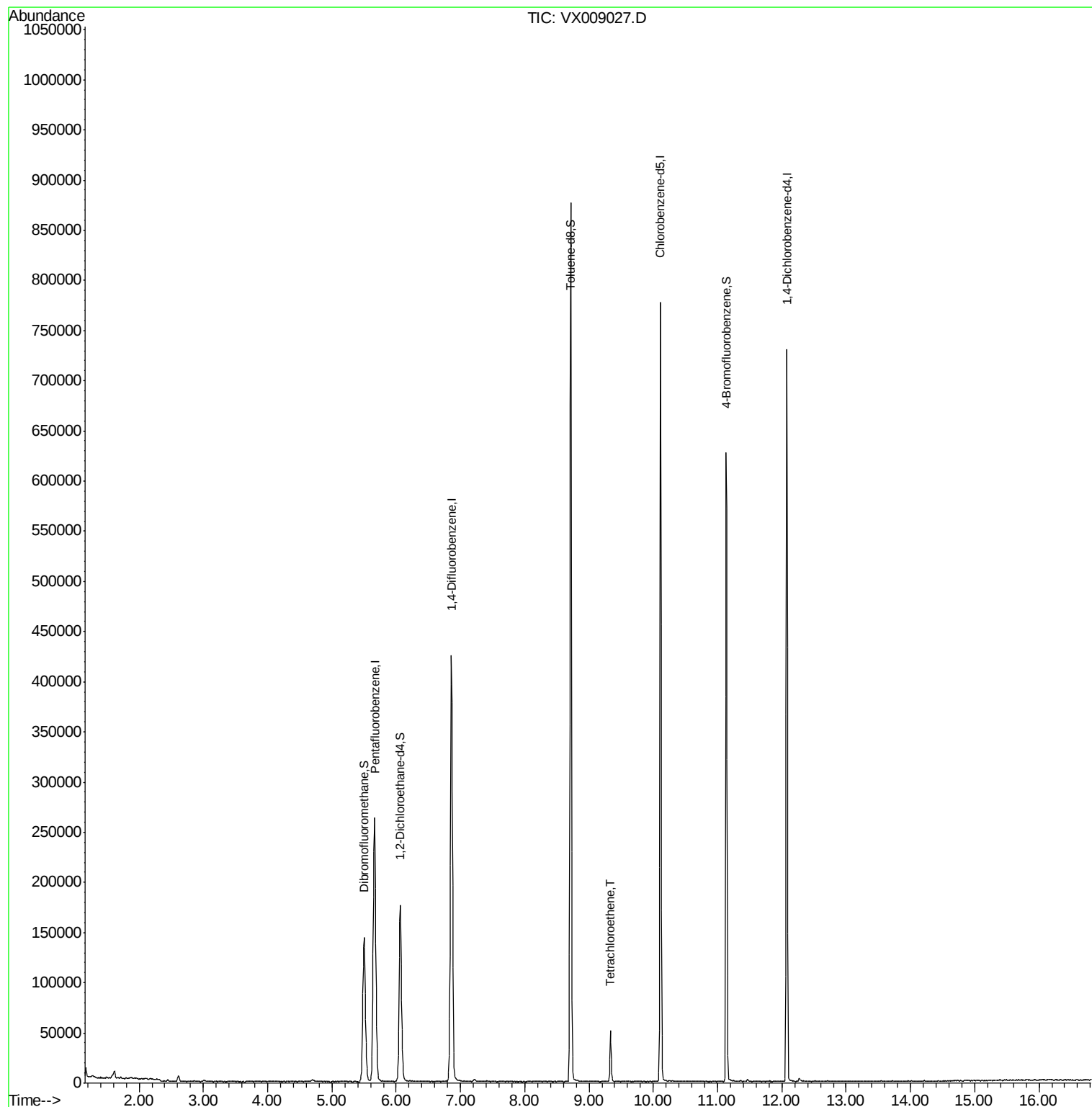
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	252439	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	405864	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	351975	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	149553	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	167127	46.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.96%	
35) Dibromofluoromethane	5.50	113	122869	47.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.34%	
50) Toluene-d8	8.71	98	506693	48.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.56%	
62) 4-Bromofluorobenzene	11.13	95	167754	45.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.50%	
Target Compounds						
64) Tetrachloroethene	9.34	164	9830	3.676	ug/l	Qvalue 96

(#) = 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. -0.00 min

Lab File: VX009027.D

Acq: 17 Apr 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

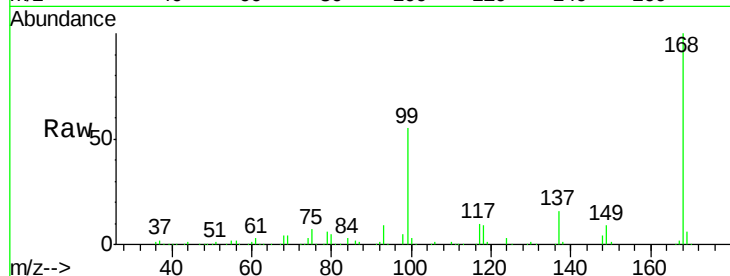
SS036MW014-190415

Tot Ion:168 Resp: 252439

Ion Ratio Lower Upper

168 100

99 54.6 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

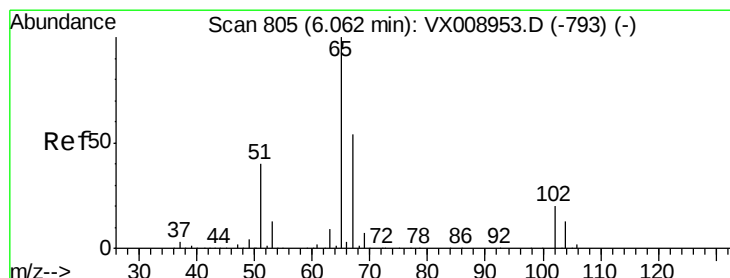
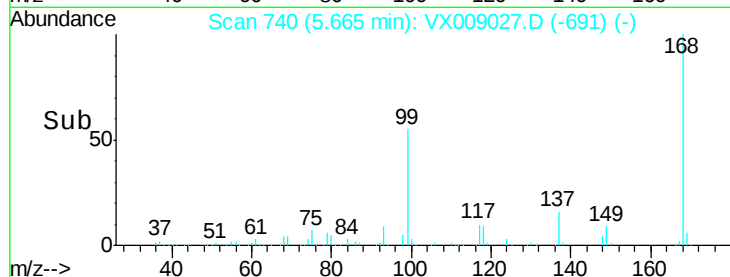
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 46.978 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009027.D

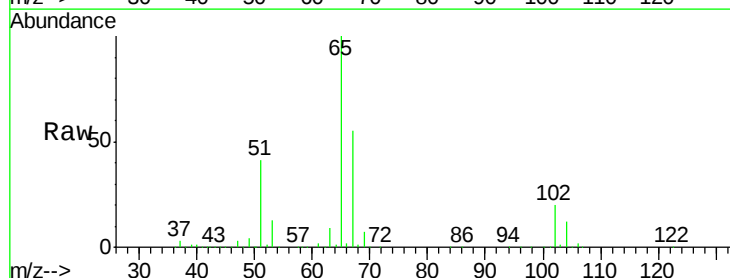
Acq: 17 Apr 2019 20:04

Tgt Ion: 65 Resp: 167127

Ion Ratio Lower Upper

65 100

67 54.8 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

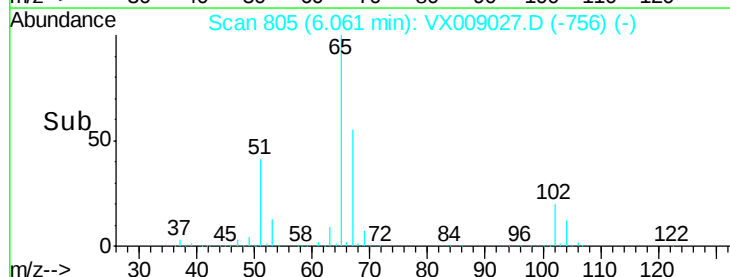
60000

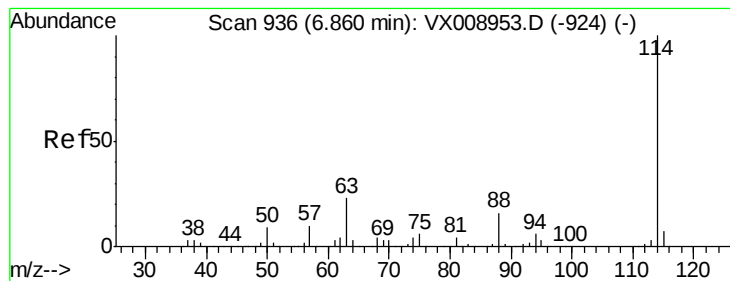
40000

20000

0

Time--> 5.90 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: VX009027.D

Acq: 17 Apr 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

SS036MW014-190415

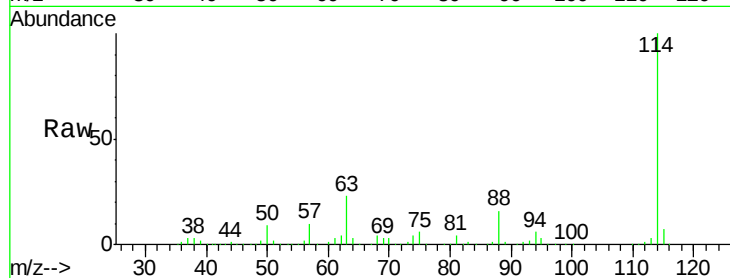
Tot Ion:114 Resp: 405864

Ion Ratio Lower Upper

114 100

63 22.9 0.0 46.0

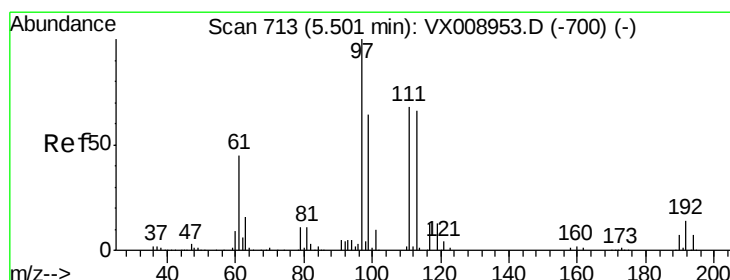
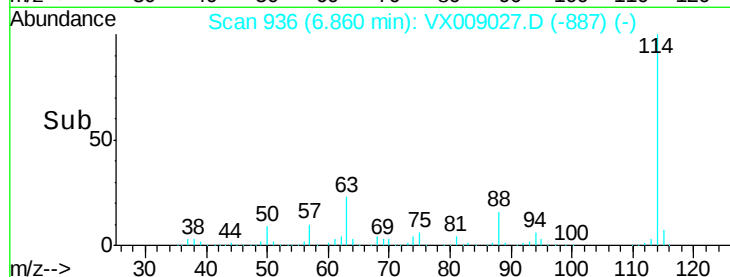
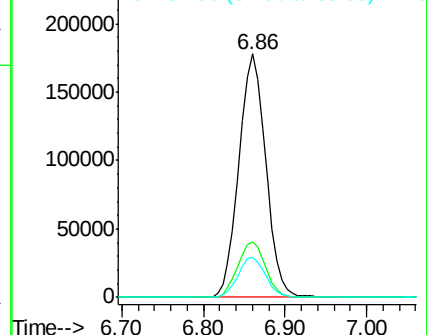
88 16.3 0.0 32.6



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: 47.171 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX009027.D

Acq: 17 Apr 2019 20:04

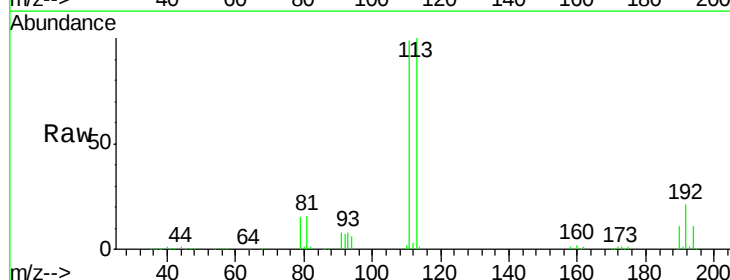
Tgt Ion:113 Resp: 122869

Ion Ratio Lower Upper

113 100

111 102.0 82.9 124.3

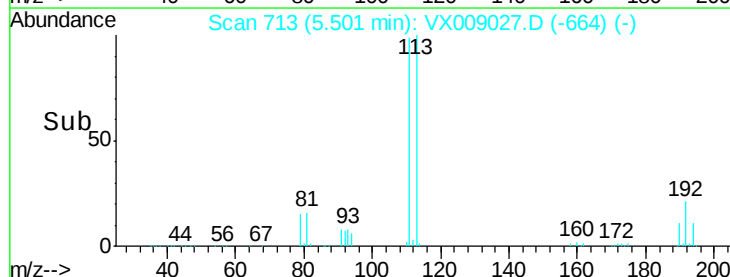
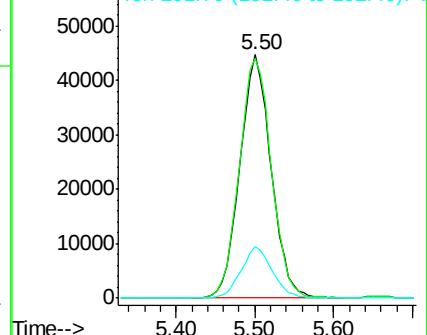
192 21.0 17.4 26.0

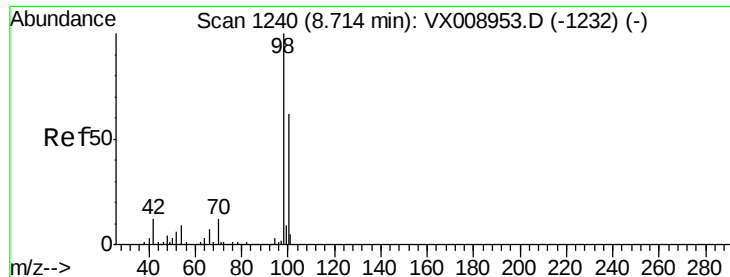


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.778 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009027.D

Acq: 17 Apr 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

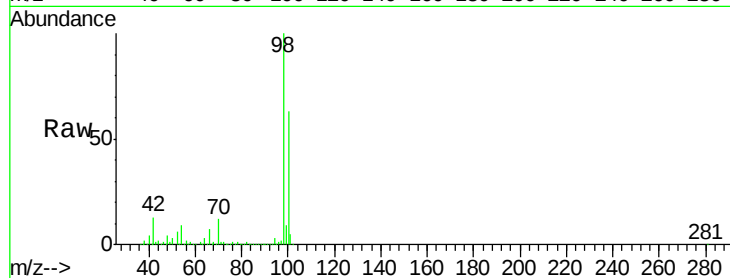
SS036MW014-190415

Tot Ion: 98 Resp: 506693

Ion Ratio Lower Upper

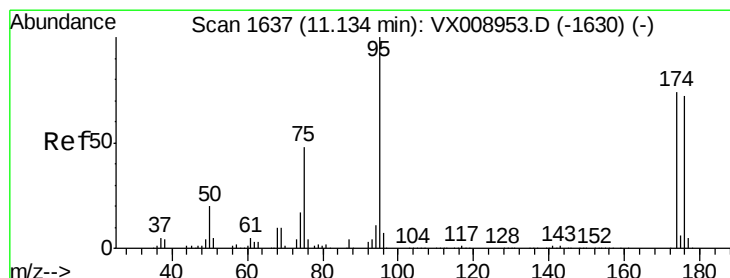
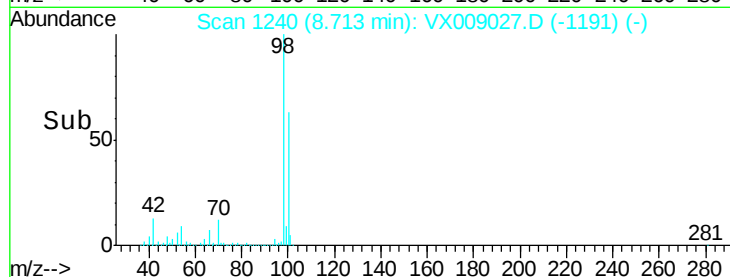
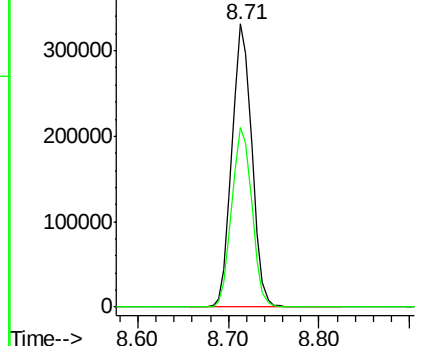
98 100

100 64.3 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 45.748 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009027.D

Acq: 17 Apr 2019 20:04

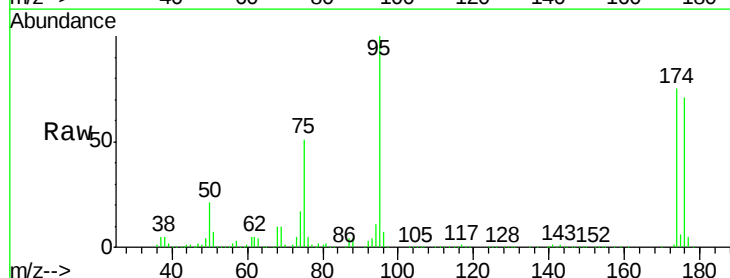
Tgt Ion: 95 Resp: 167754

Ion Ratio Lower Upper

95 100

174 78.4 0.0 159.6

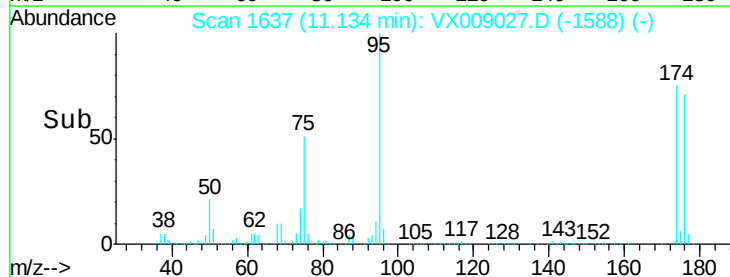
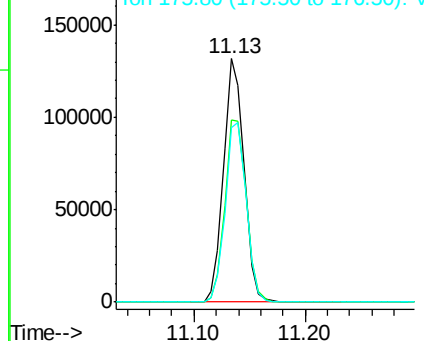
176 76.2 0.0 154.8

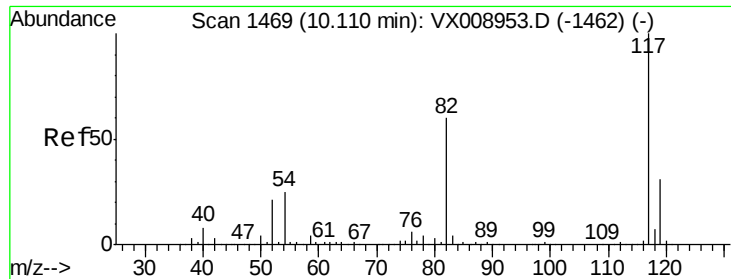


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

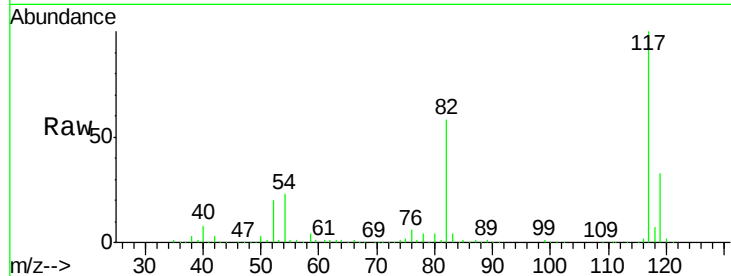




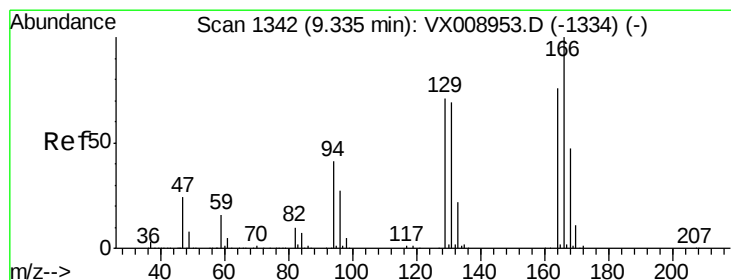
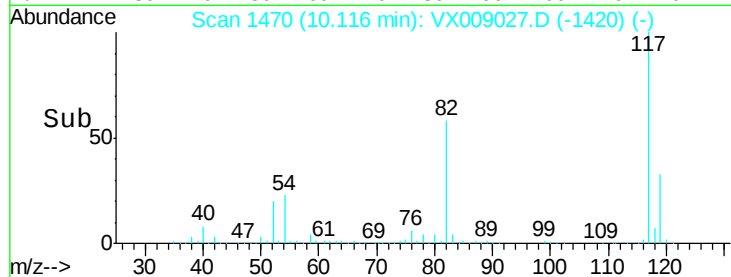
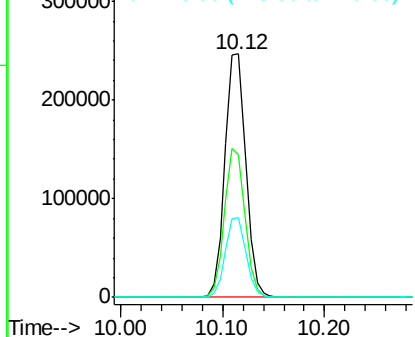
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX009027.D
Acq: 17 Apr 2019 20:04

Instrument :
MSVOA_X
ClientSampleId :
SS036MW014-190415

Tot Ion:117 Resp: 351975
Ion Ratio Lower Upper
117 100
82 58.4 48.2 72.4
119 32.7 25.0 37.6



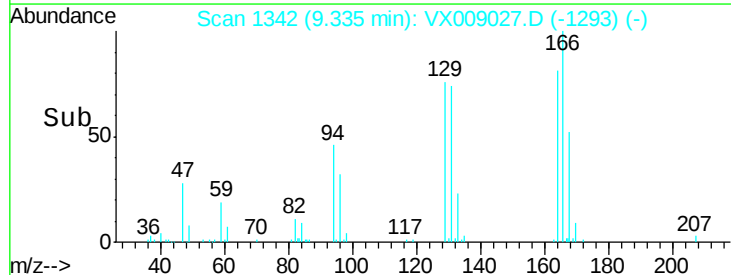
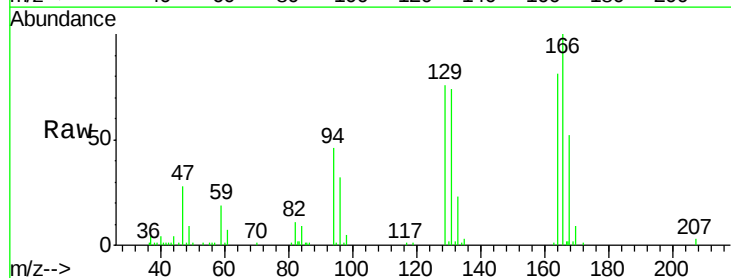
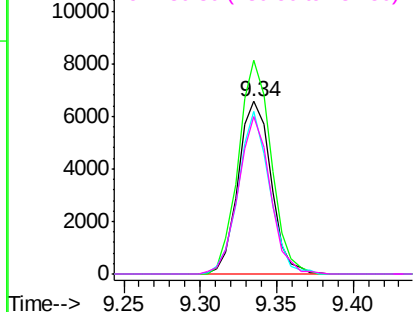
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

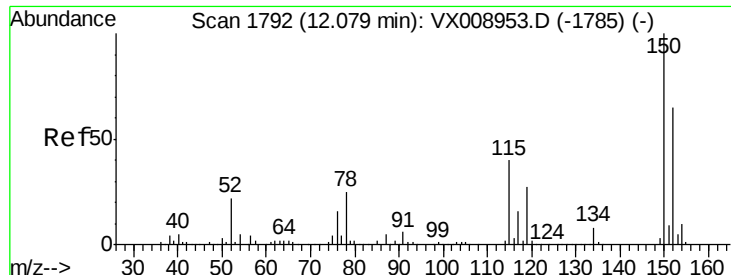


#64
Tetrachloroethene
Concen: 3.676 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009027.D
Acq: 17 Apr 2019 20:04

Tgt Ion:164 Resp: 9830
Ion Ratio Lower Upper
164 100
166 123.7 105.0 157.4
129 94.4 74.2 111.4
131 91.4 72.2 108.2

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

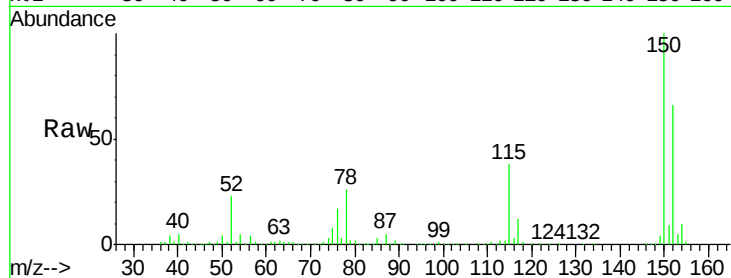




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX009027.D
 Acq: 17 Apr 2019 20:04

Instrument :
 MSVOA_X
 ClientSampleId :
 SS036MW014-190415

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.2	41.4	124.2
150	154.3	0.0	349.8



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

