

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042319\
 Data File : VX009120.D
 Acq On : 23 Apr 2019 14:53
 Operator : JC/SP
 Sample : K2537-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS036MW003-190422

Quant Time: Apr 24 05:29:03 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

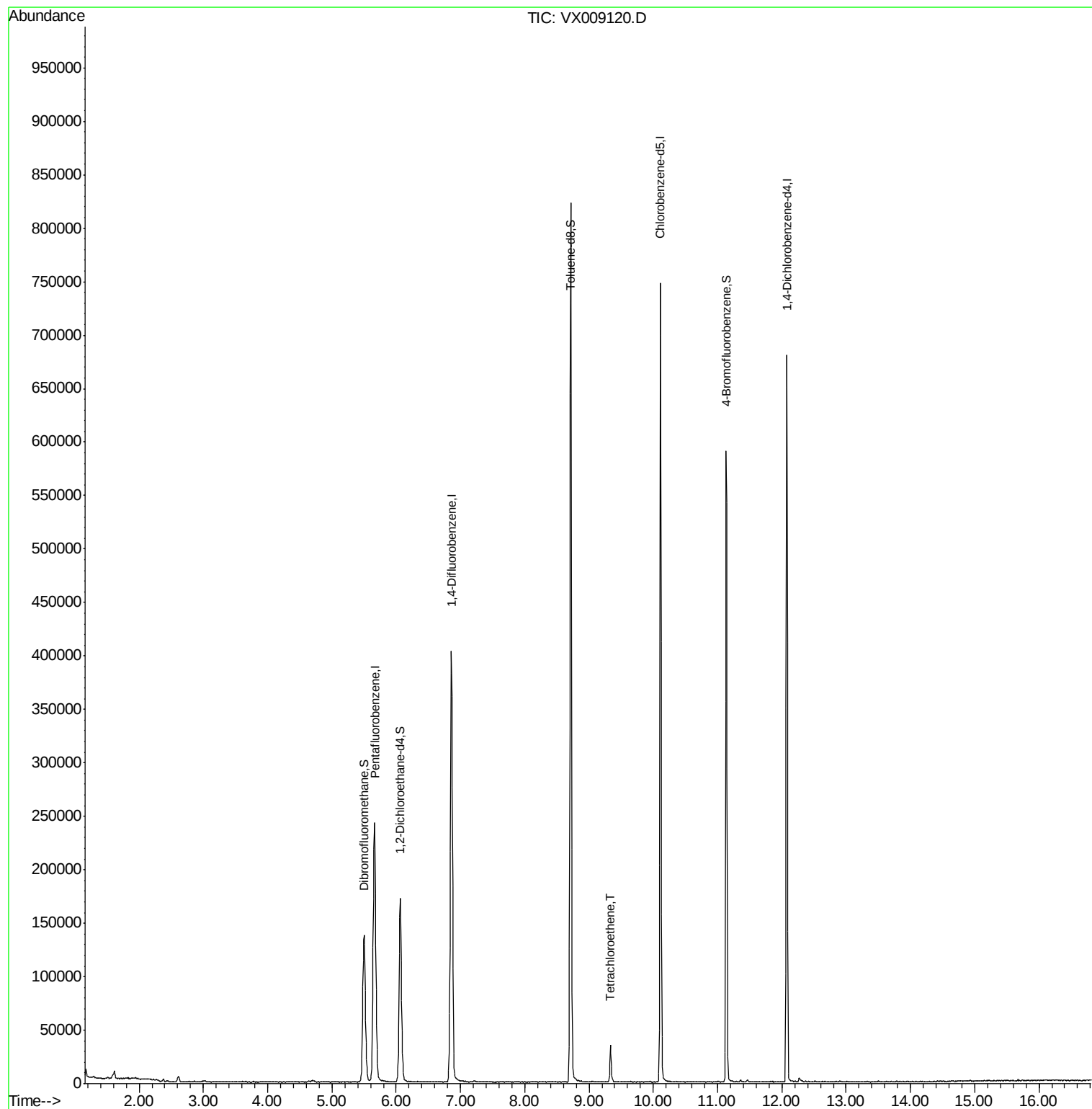
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	237014	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	392762	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	335059	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	140592	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	162066	48.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.04%	
35) Dibromofluoromethane	5.50	113	118958	47.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.38%	
50) Toluene-d8	8.71	98	480182	47.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.54%	
62) 4-Bromofluorobenzene	11.13	95	156002	43.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.92%	
Target Compounds						
64) Tetrachloroethene	9.34	164	6397	2.513	ug/l	Qvalue 93

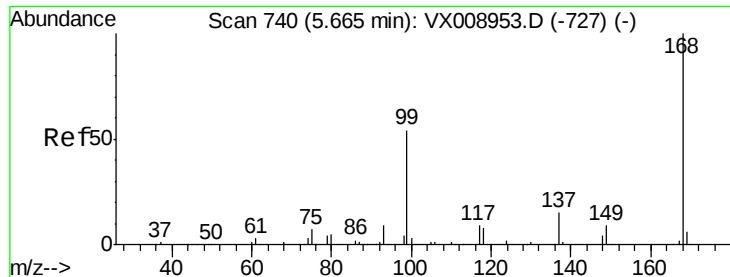
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX009120.D

Acq: 23 Apr 2019 14:53

Instrument :

MSVOA_X

ClientSampleId :

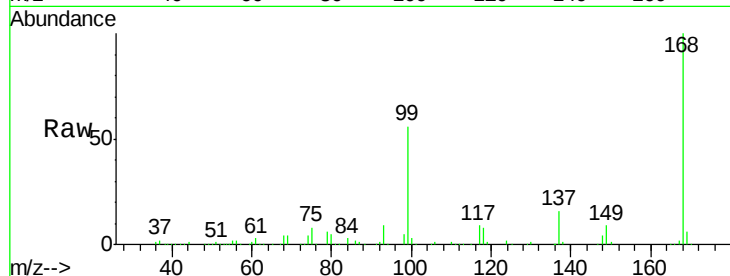
SS036MW003-190422

Tot Ion:168 Resp: 237014

Ion Ratio Lower Upper

168 100

99 55.7 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

80000

60000

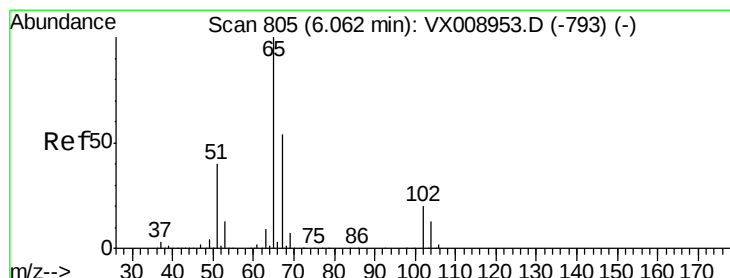
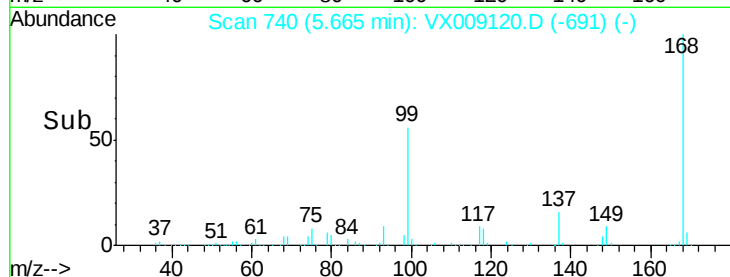
40000

20000

0

5.60 5.70 5.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.520 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009120.D

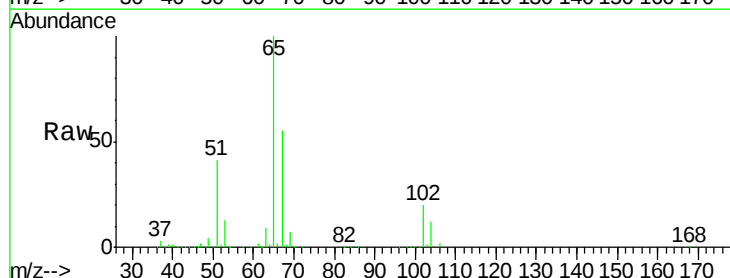
Acq: 23 Apr 2019 14:53

Tgt Ion: 65 Resp: 162066

Ion Ratio Lower Upper

65 100

67 54.5 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

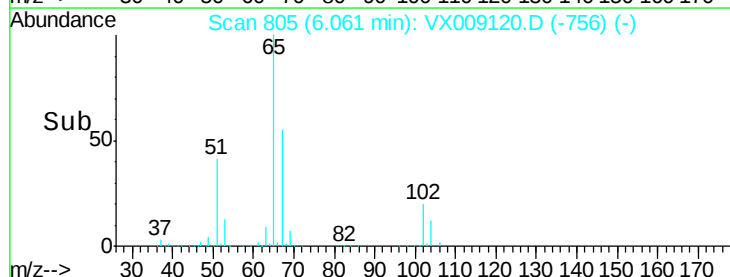
40000

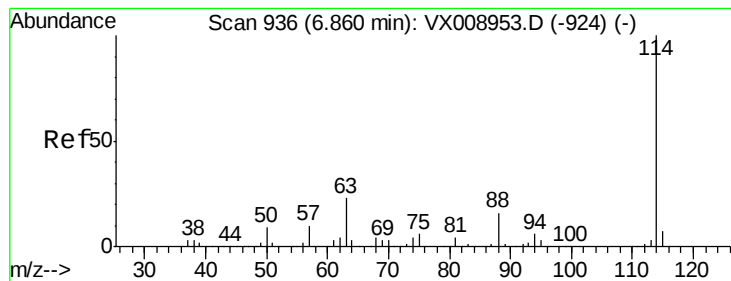
20000

0

5.90 6.00 6.10 6.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX009120.D

Acq: 23 Apr 2019 14:53

Instrument :

MSVOA_X

ClientSampleId :

SS036MW003-190422

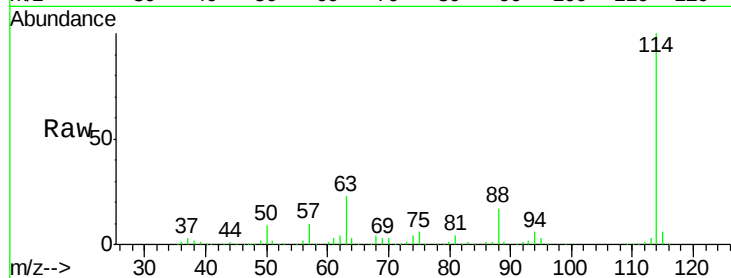
Tot Ion:114 Resp: 392762

Ion Ratio Lower Upper

114 100

63 22.9 0.0 46.0

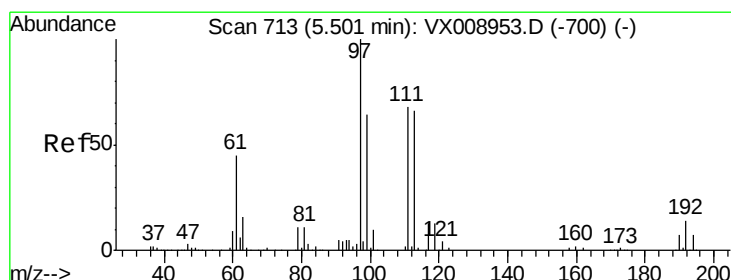
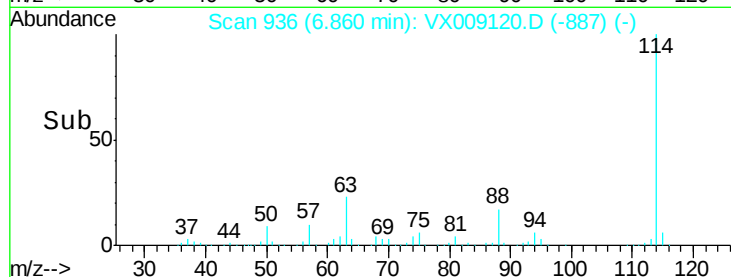
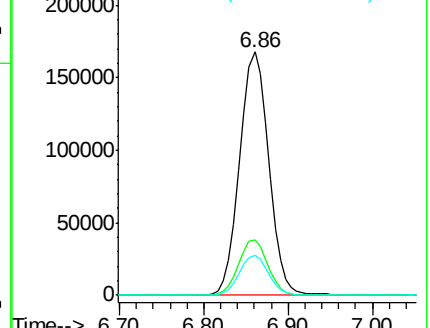
88 16.6 0.0 32.6



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: 47.193 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX009120.D

Acq: 23 Apr 2019 14:53

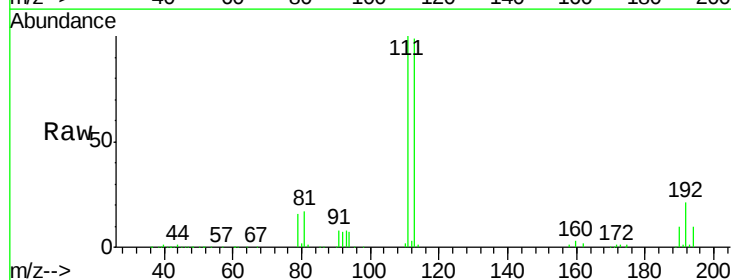
Tgt Ion:113 Resp: 118958

Ion Ratio Lower Upper

113 100

111 102.8 82.9 124.3

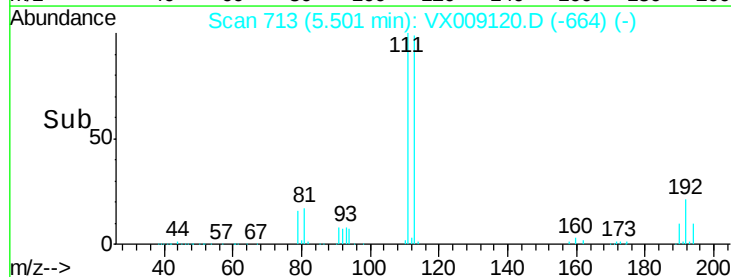
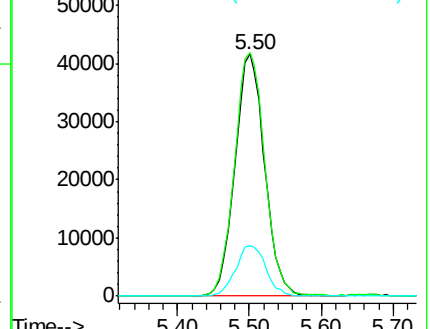
192 21.4 17.4 26.0

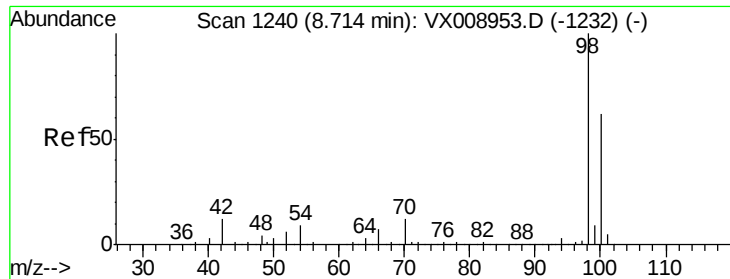


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.767 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009120.D

Acq: 23 Apr 2019 14:53

Instrument :

MSVOA_X

ClientSampleId :

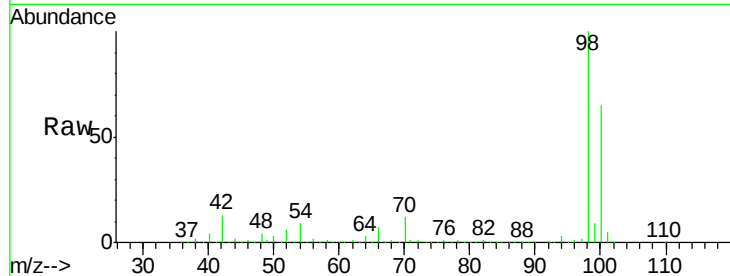
SS036MW003-190422

Tot Ion: 98 Resp: 480182

Ion Ratio Lower Upper

98 100

100 64.6 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.71

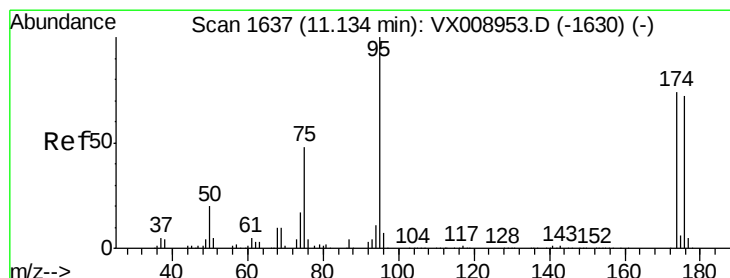
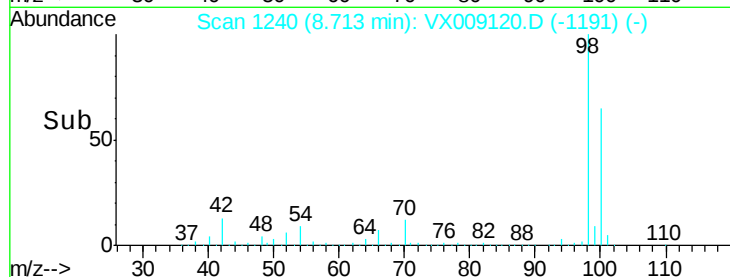
300000

200000

100000

0

Time--> 8.60 8.70 8.80



#62

4-Bromofluorobenzene

Concen: 43.962 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009120.D

Acq: 23 Apr 2019 14:53

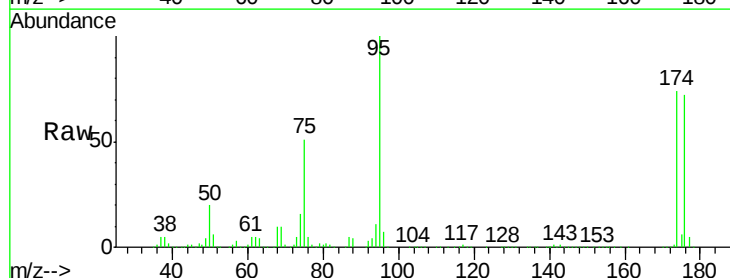
Tgt Ion: 95 Resp: 156002

Ion Ratio Lower Upper

95 100

174 79.8 0.0 159.6

176 77.3 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

11.13

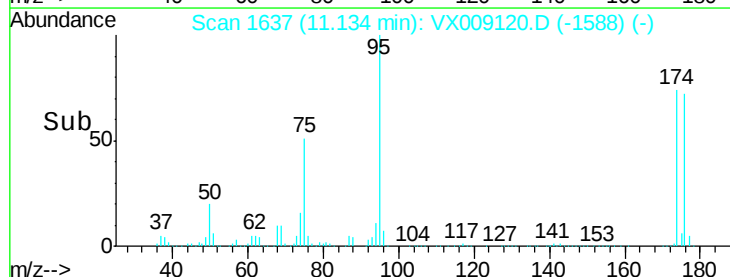
150000

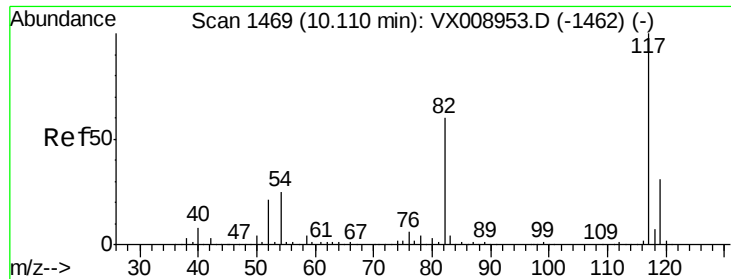
100000

50000

0

Time--> 11.10 11.20

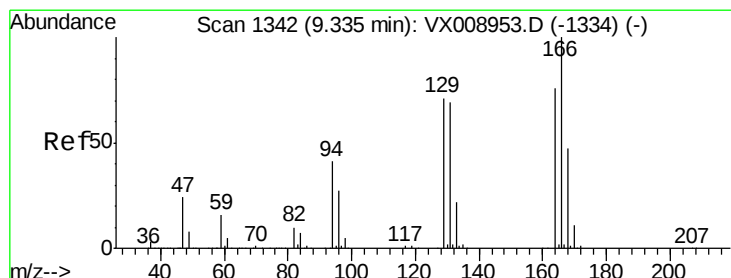
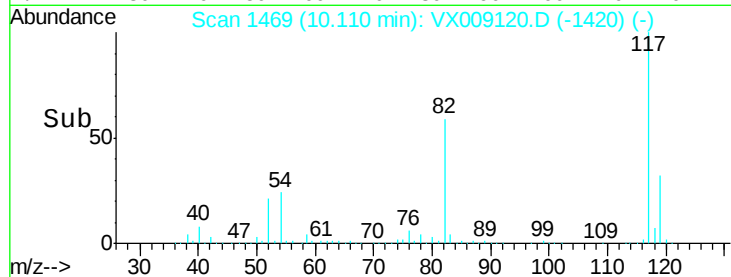
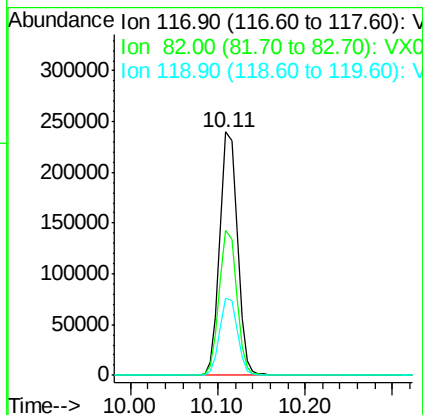
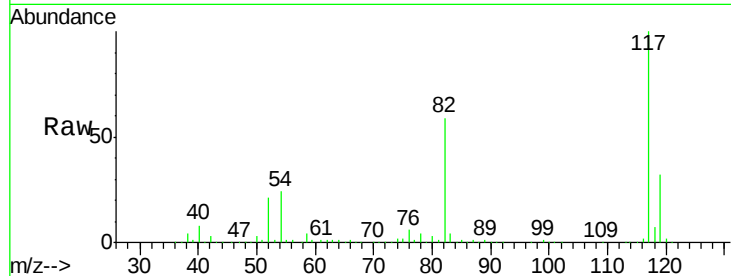




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009120.D
Acq: 23 Apr 2019 14:53

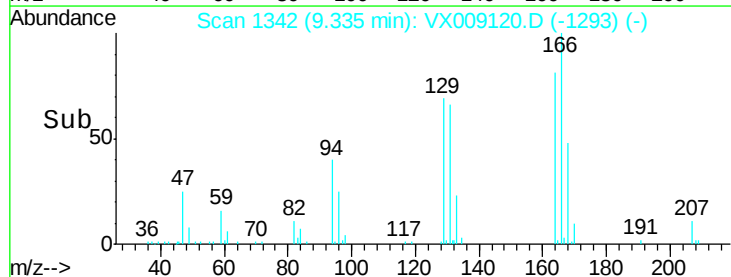
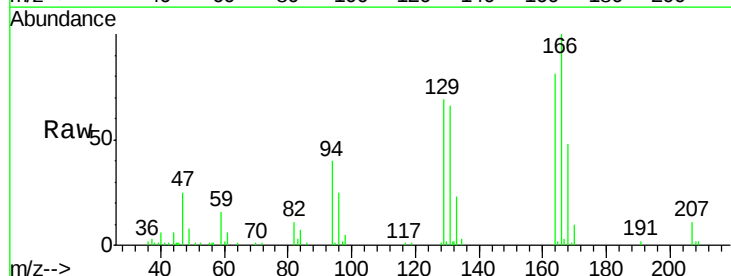
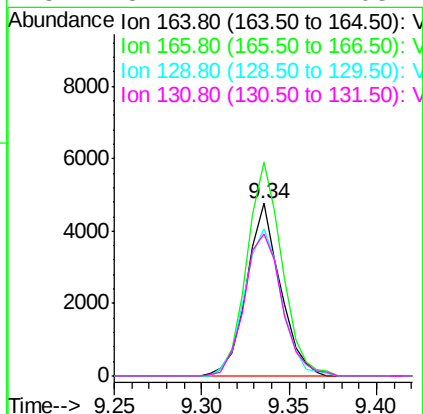
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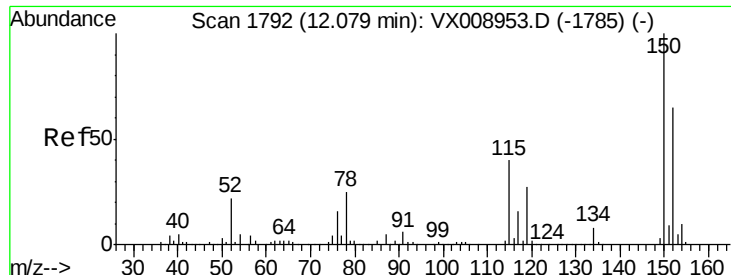
Tot Ion:117 Resp: 335059
Ion Ratio Lower Upper
117 100
82 59.4 48.2 72.4
119 31.7 25.0 37.6



#64
Tetrachloroethene
Concen: 2.513 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009120.D
Acq: 23 Apr 2019 14:53

Tgt Ion:164 Resp: 6397
Ion Ratio Lower Upper
164 100
166 124.0 105.0 157.4
129 85.5 74.2 111.4
131 82.4 72.2 108.2

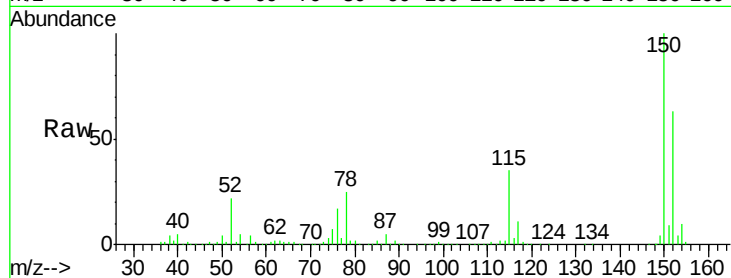




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX009120.D
 Acq: 23 Apr 2019 14:53

Instrument :
 MSVOA_X
 ClientSampleId :
 SS036MW003-190422

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.5	41.4	124.2
150	156.0	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

