

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120718\
 Data File : VX006345.D
 Acq On : 07 Dec 2018 14:18
 Operator : JC/MD
 Sample : J6252-16
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW10D-M16W4-11-27-18

Quant Time: Dec 10 09:59:58 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

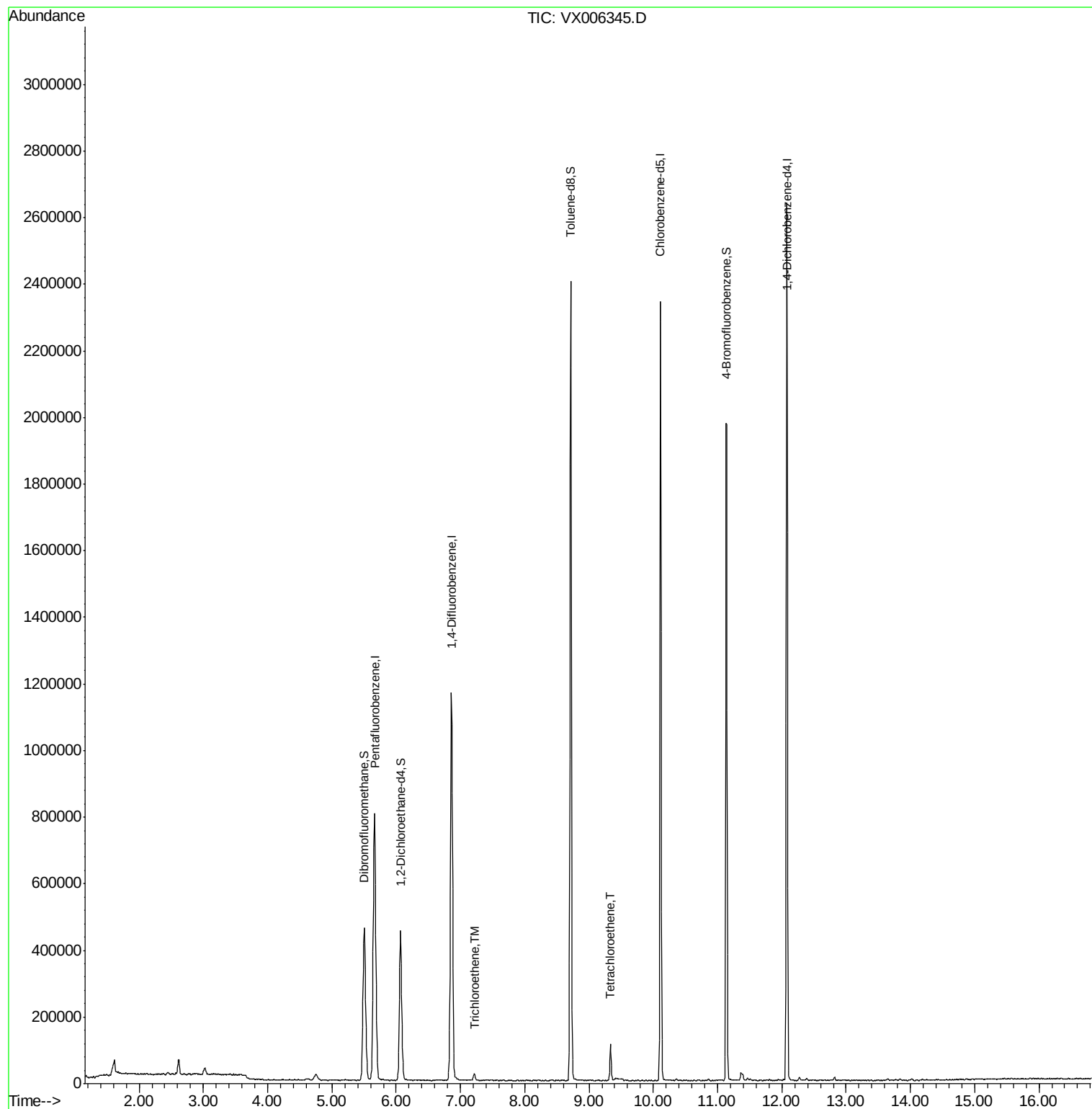
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	836549	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1271459	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1146306	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	558130	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	410712	48.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.18%	
35) Dibromofluoromethane	5.50	113	395700	48.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.14%	
50) Toluene-d8	8.71	98	1479110	49.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.80%	
62) 4-Bromofluorobenzene	11.13	95	545606	48.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.70%	
Target Compounds						
44) Trichloroethene	7.21	130	8403	0.865	ug/l	95
64) Tetrachloroethene	9.34	164	18954	2.196	ug/l	93

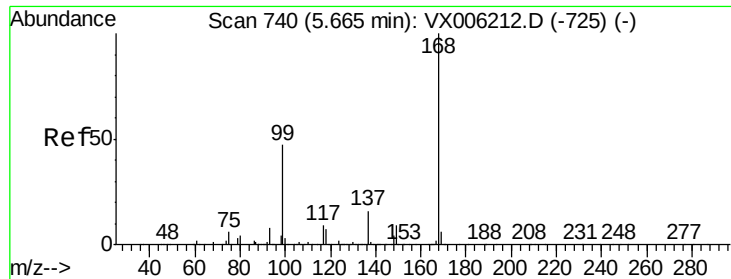
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX006345.D

Acq: 07 Dec 2018 14:18

Instrument :

MSVOA_X

ClientSampleId :

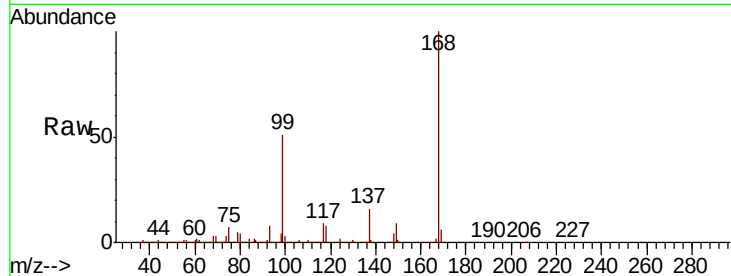
CPA-CPMW10D-M16W4-11-27-18

Tot Ion:168 Resp: 836549

Ion Ratio Lower Upper

168 100

99 51.1 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

300000

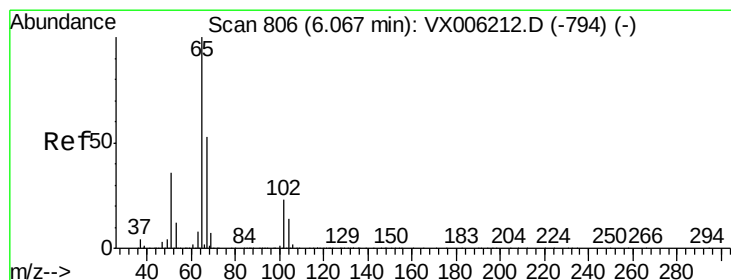
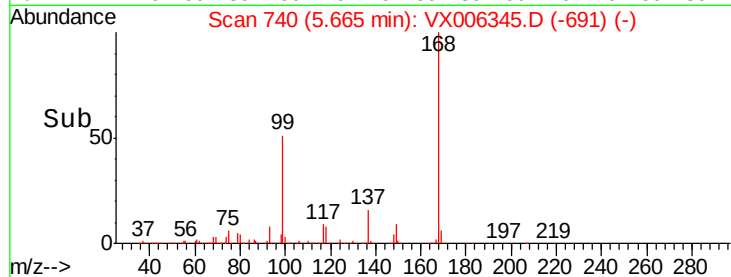
200000

100000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 48.094 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006345.D

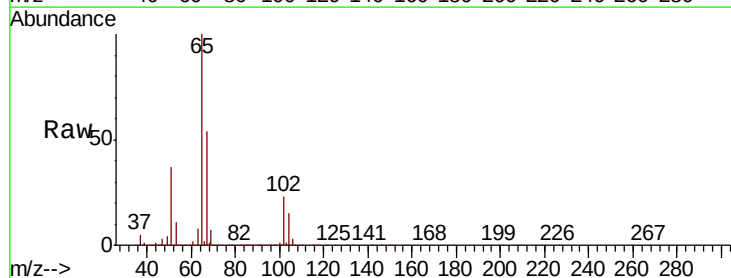
Acq: 07 Dec 2018 14:18

Tgt Ion: 65 Resp: 410712

Ion Ratio Lower Upper

65 100

67 54.3 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

150000

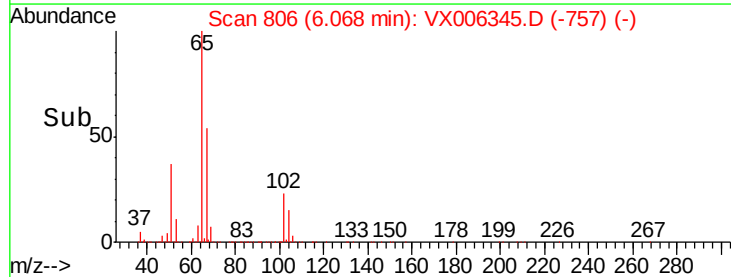
100000

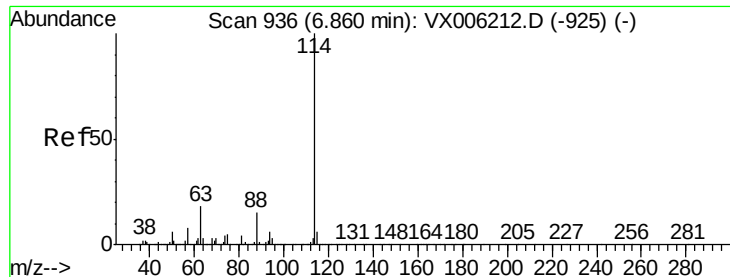
50000

0

Time-->

6.00 6.10 6.20

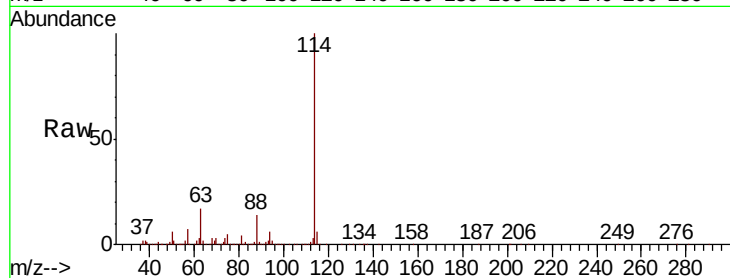




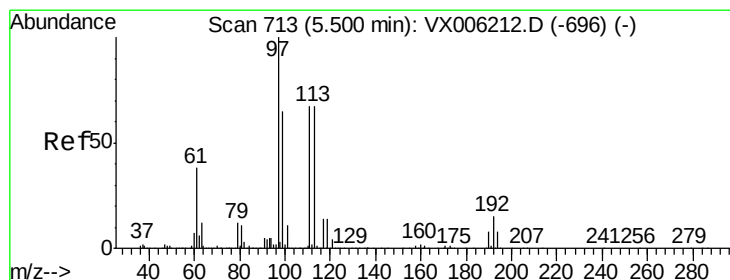
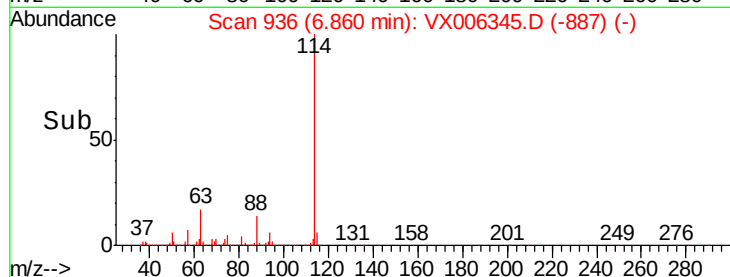
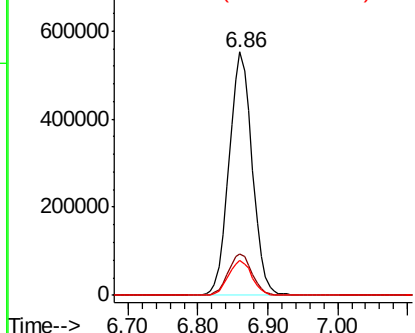
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX006345.D
Acq: 07 Dec 2018 14:18

Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW10D-M16W4-11-27-18

Tot Ion:114 Resp: 1271459
Ion Ratio Lower Upper
114 100
63 17.1 0.0 36.6
88 14.4 0.0 29.0

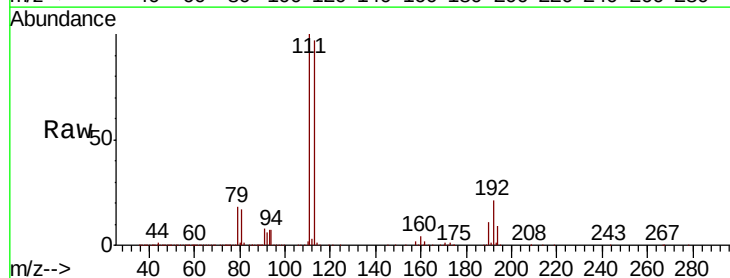


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

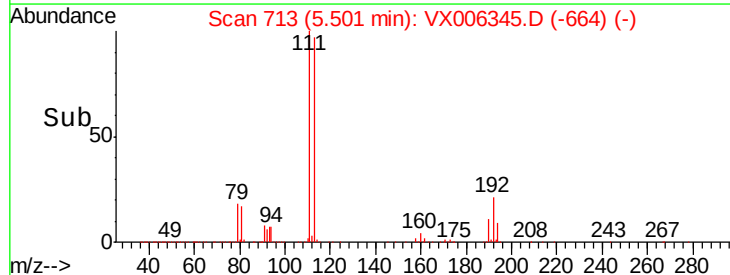
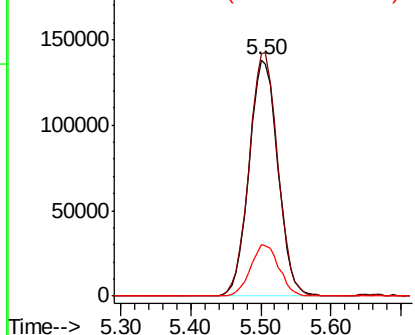


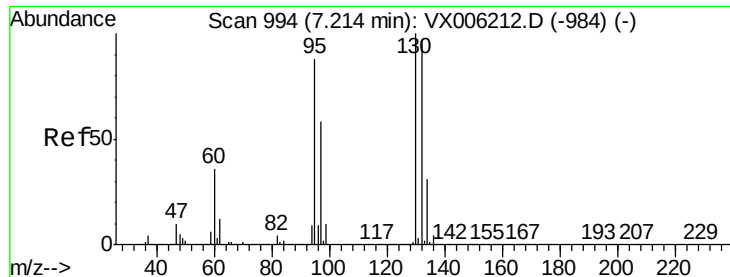
#35
Dibromofluoromethane
Concen: 48.067 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX006345.D
Acq: 07 Dec 2018 14:18

Tgt Ion:113 Resp: 395700
Ion Ratio Lower Upper
113 100
111 102.4 81.1 121.7
192 21.7 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





#44

Trichloroethene

Concen: 0.865 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX006345.D

Acq: 07 Dec 2018 14:18

Instrument :

MSVOA_X

ClientSampleId :

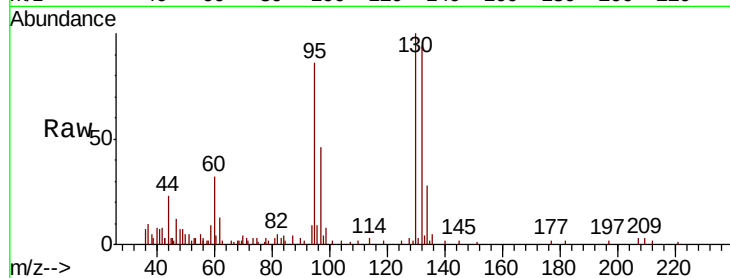
CPA-CPMW10D-M16W4-11-27-18

Tot Ion:130 Resp: 8403

Ion Ratio Lower Upper

130 100

95 83.0 0.0 175.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

4000

3000

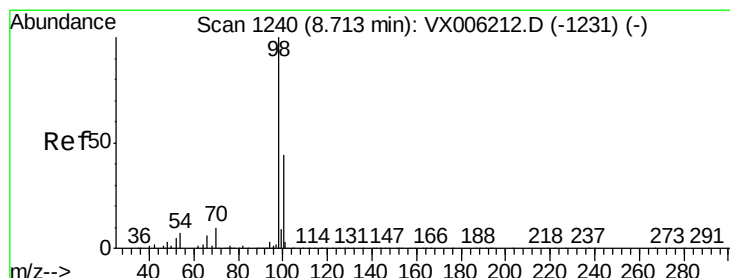
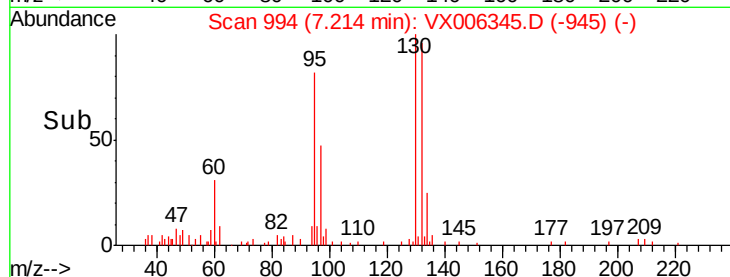
2000

1000

0

7.15 7.20 7.25 7.30

Time-->



#50

Toluene-d8

Concen: 49.396 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006345.D

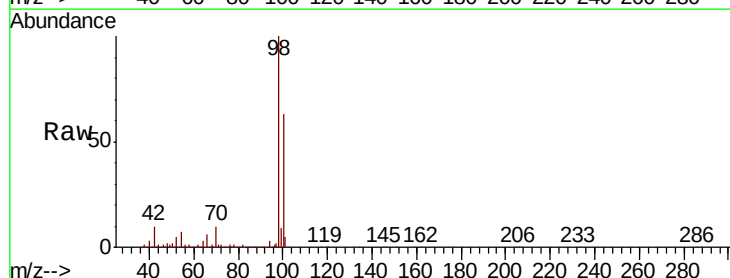
Acq: 07 Dec 2018 14:18

Tgt Ion: 98 Resp: 1479110

Ion Ratio Lower Upper

98 100

100 64.4 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

1000000

800000

600000

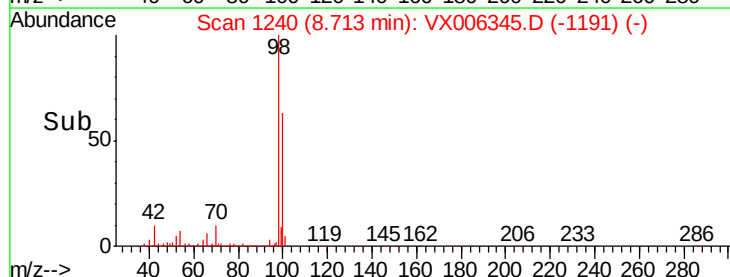
400000

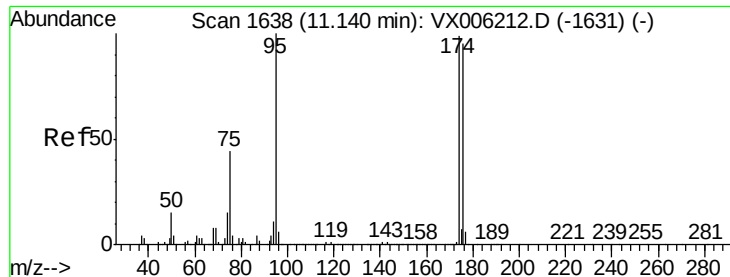
200000

0

8.60 8.70 8.80 8.90

Time-->





#62

4-Bromofluorobenzene

Concen: 48.353 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006345.D

Acq: 07 Dec 2018 14:18

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW10D-M16W4-11-27-18

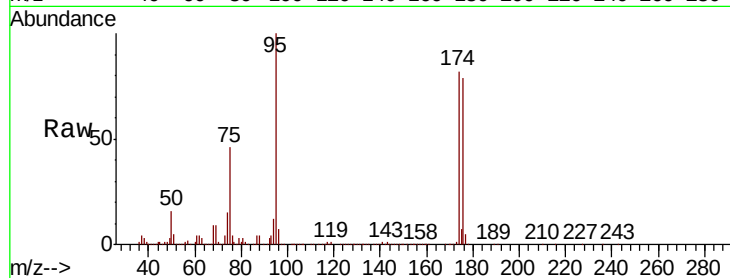
Tot Ion: 95 Resp: 545606

Ion Ratio Lower Upper

95 100

174 89.5 0.0 187.0

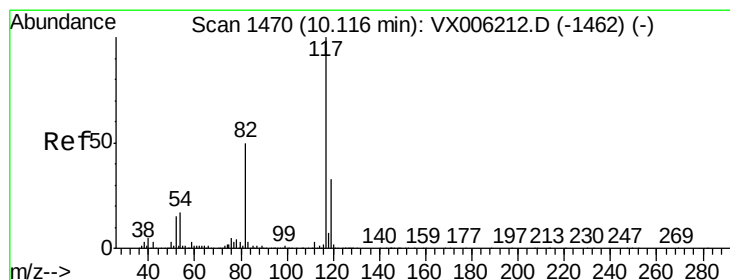
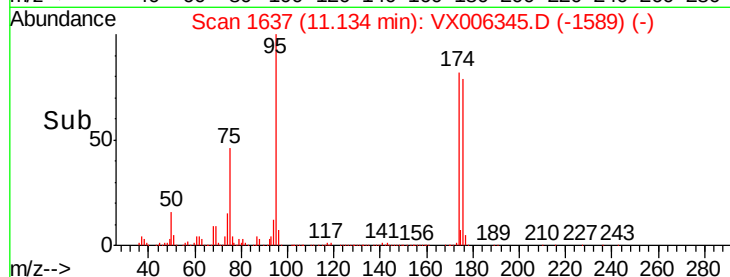
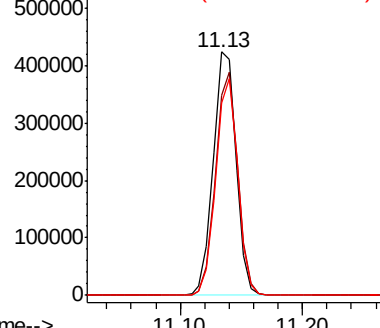
176 86.4 0.0 181.8



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: VX006345.D

Acq: 07 Dec 2018 14:18

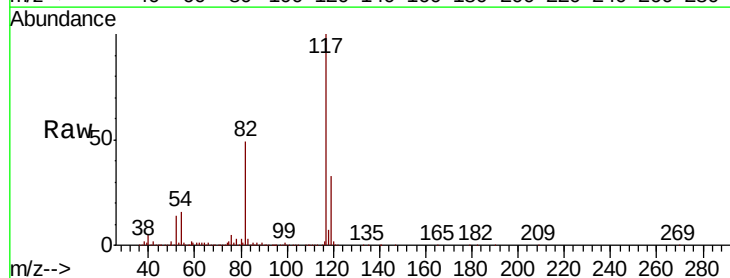
Tgt Ion: 117 Resp: 1146306

Ion Ratio Lower Upper

117 100

82 49.0 39.6 59.4

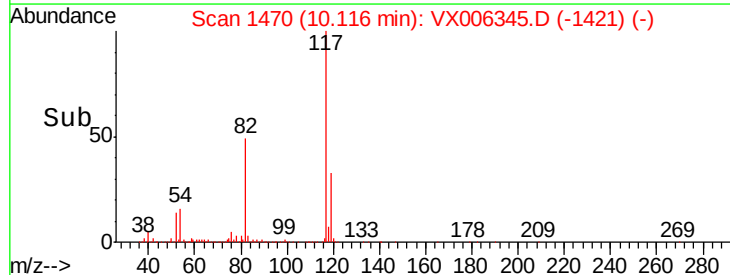
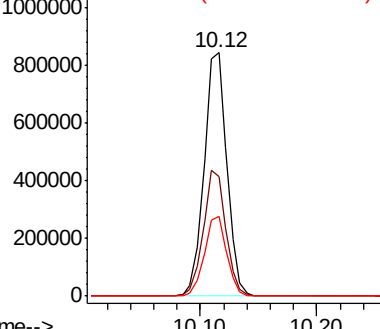
119 32.5 26.3 39.5

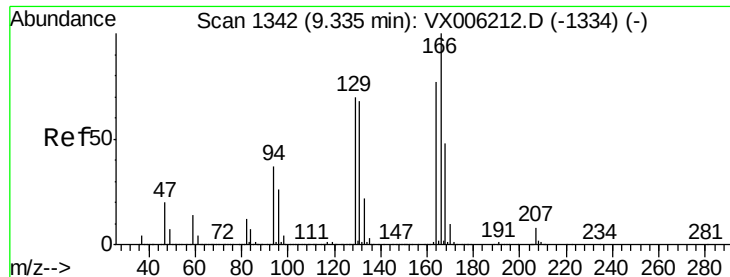


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

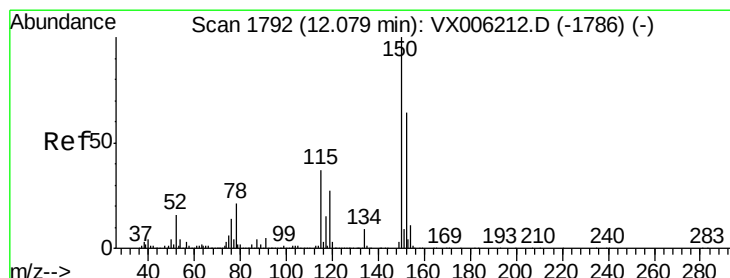
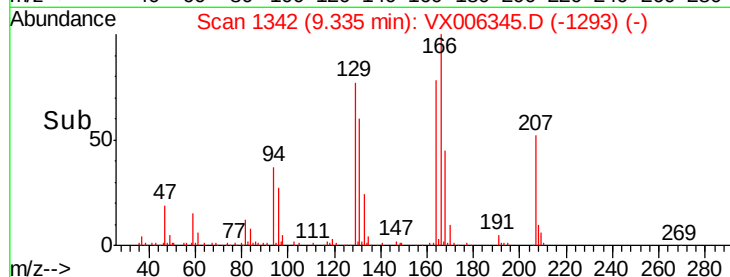
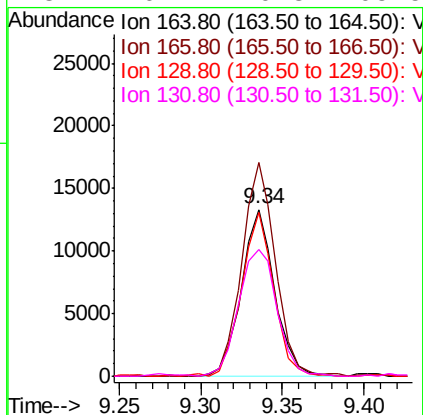
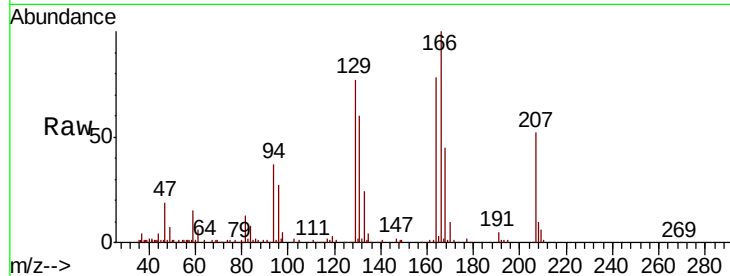




#64
Tetrachloroethene
Concen: 2.196 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006345.D
Acq: 07 Dec 2018 14:18

Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW10D-M16W4-11-27-18

Tot Ion:164 Resp: 18954
Ion Ratio Lower Upper
164 100
166 128.0 104.2 156.2
129 97.9 72.6 108.8
131 76.1 70.3 105.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006345.D
Acq: 07 Dec 2018 14:18

Tgt Ion:152 Resp: 558130
Ion Ratio Lower Upper
152 100
115 55.5 39.0 116.9
150 156.8 0.0 345.8

