

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032119\
 Data File : VX008291.D
 Acq On : 21 Mar 2019 15:23
 Operator : JC/SP
 Sample : K1963-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW302S-20190314

Quant Time: Mar 22 09:15:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 13:15:13 2019
 Response via : Initial Calibration

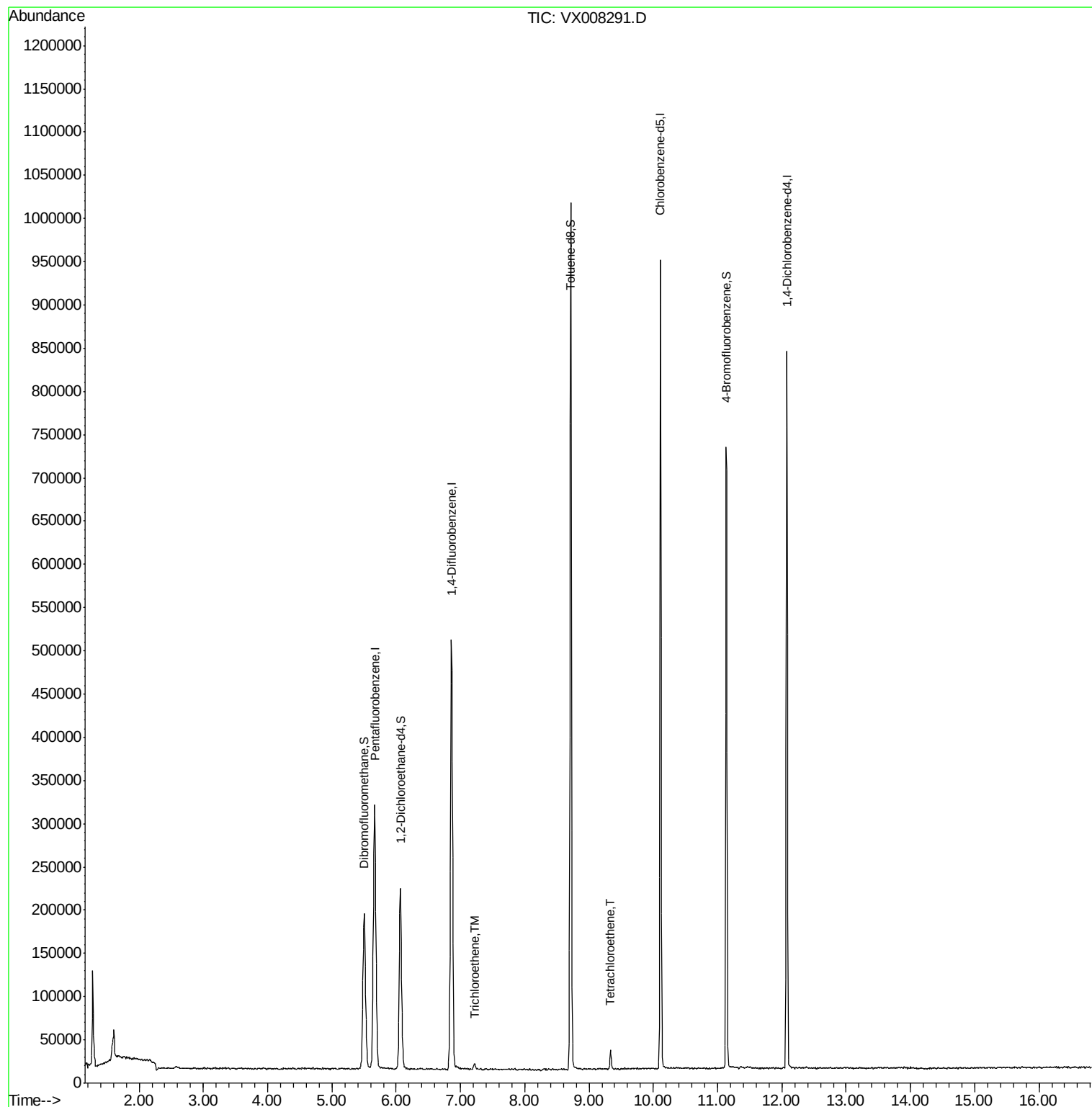
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	287425	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	475245	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	401657	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	160625	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	202571	46.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.60%	
35) Dibromofluoromethane	5.50	113	152014	47.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.56%	
50) Toluene-d8	8.71	98	584654	48.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.94%	
62) 4-Bromofluorobenzene	11.13	95	184596	44.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.90%	
Target Compounds						
44) Trichloroethene	7.21	130	2622	0.655	ug/l	98
64) Tetrachloroethene	9.34	164	3958	1.092	ug/l	97

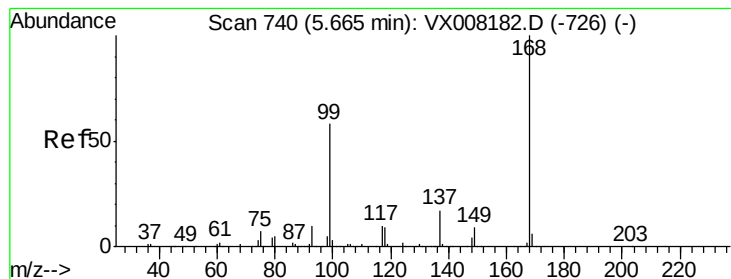
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX008291.D

Acq: 21 Mar 2019 15:23

Instrument :

MSVOA_X

ClientSampleId :

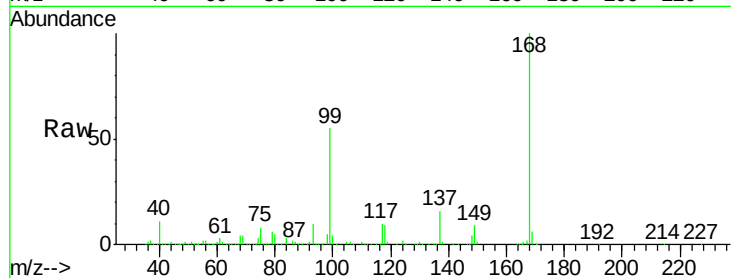
BPS1-TT-MW302S-20190314

Tot Ion:168 Resp: 287425

Ion Ratio Lower Upper

168 100

99 55.3 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

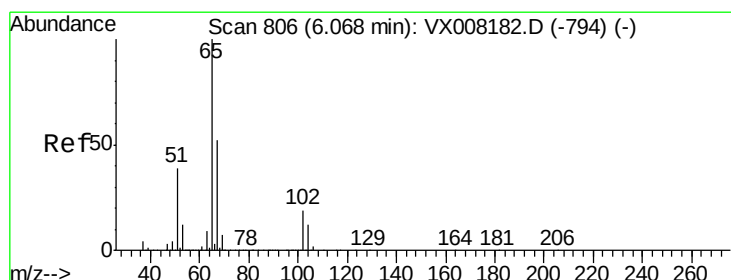
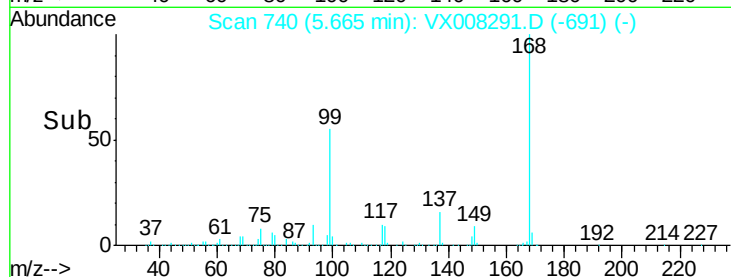
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 46.795 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX008291.D

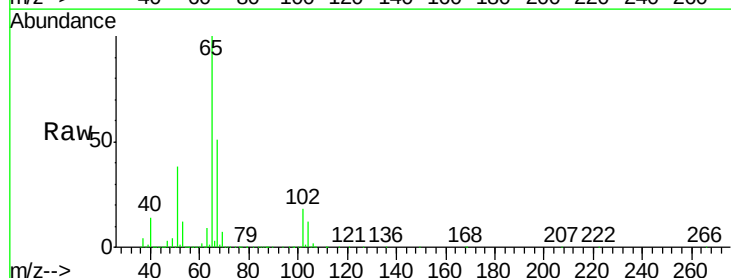
Acq: 21 Mar 2019 15:23

Tgt Ion: 65 Resp: 202571

Ion Ratio Lower Upper

65 100

67 52.4 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

80000

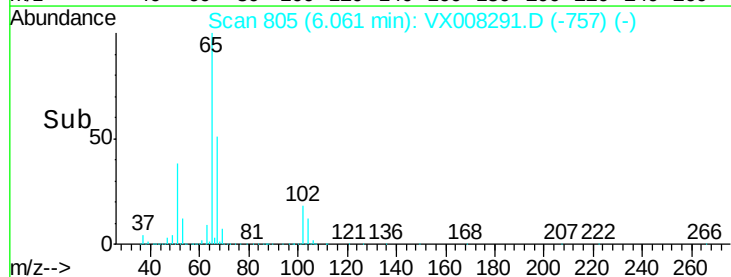
60000

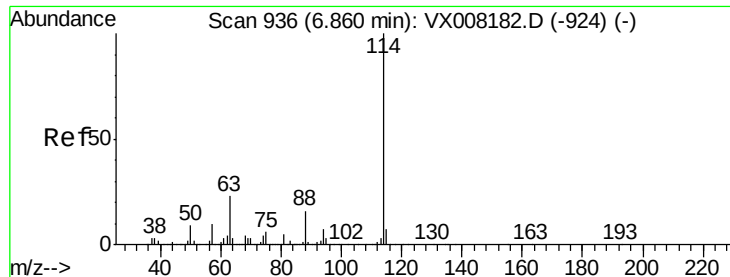
40000

20000

0

Time--> 5.90 6.00 6.10 6.20

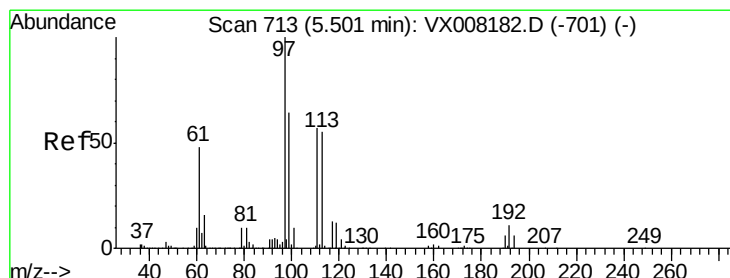
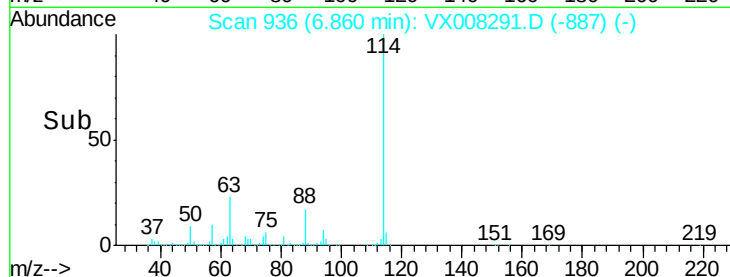
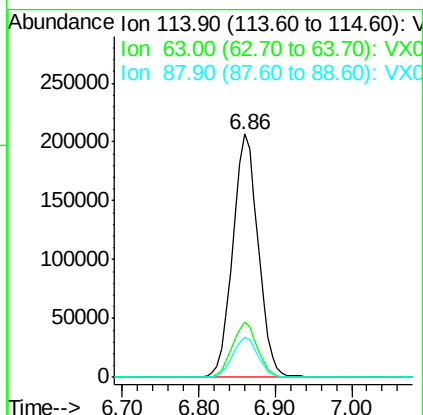
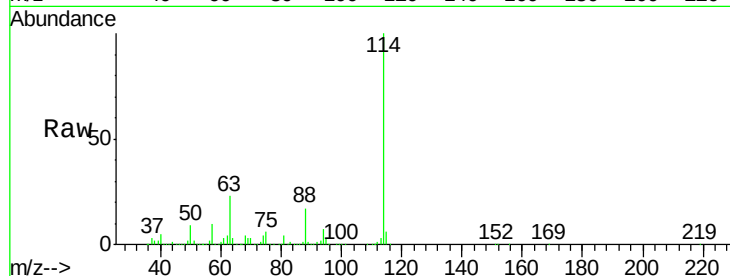




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008291.D
 Acq: 21 Mar 2019 15:23

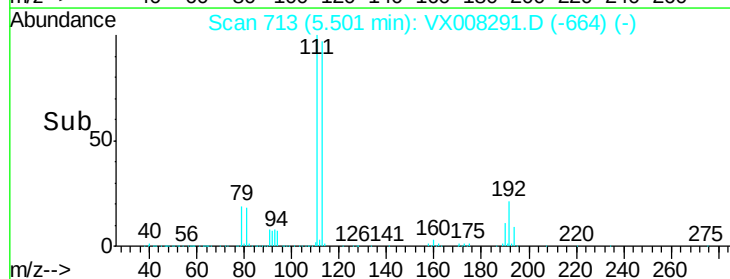
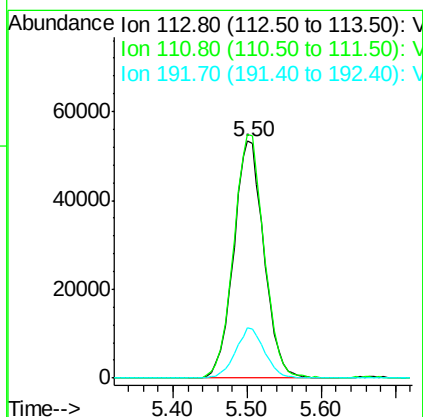
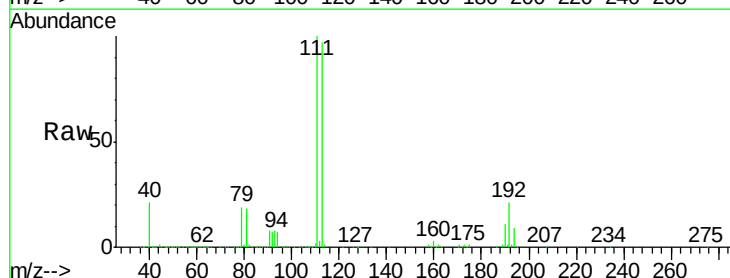
Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW302S-20190314

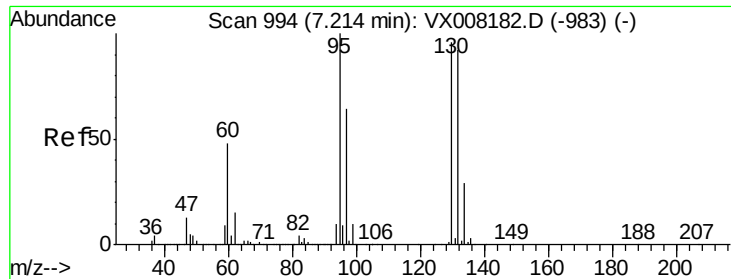
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.9	0.0	39.8
88	16.6	0.0	31.4



#35
 Dibromofluoromethane
 Concen: 47.781 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX008291.D
 Acq: 21 Mar 2019 15:23

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.4	122.0
192	20.4	19.4	29.0





#44

Trichloroethene

Concen: 0.655 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008291.D

Acq: 21 Mar 2019 15:23

Instrument :

MSVOA_X

ClientSampleId :

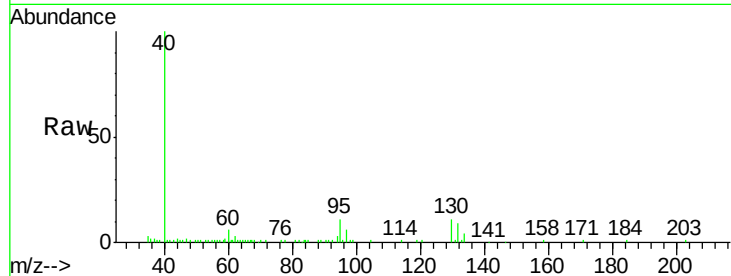
BPS1-TT-MW302S-20190314

Tot Ion:130 Resp: 2622

Ion Ratio Lower Upper

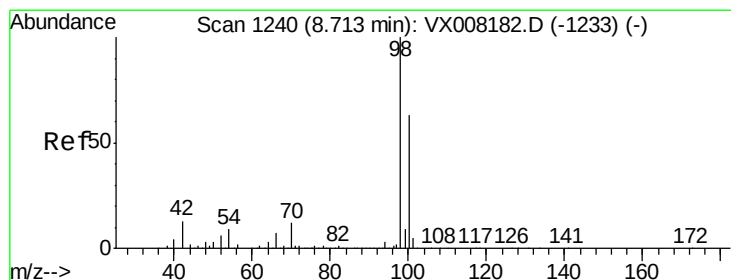
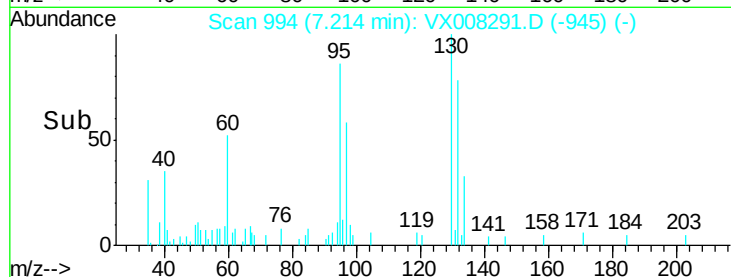
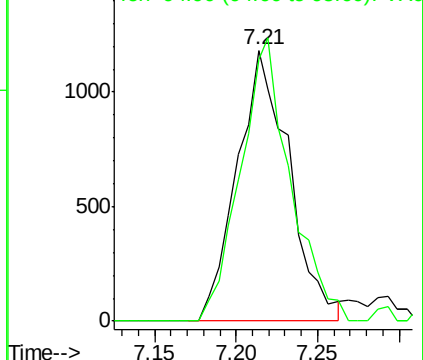
130 100

95 96.4 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 48.471 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008291.D

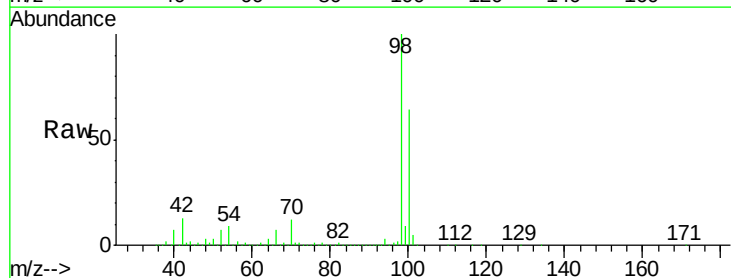
Acq: 21 Mar 2019 15:23

Tgt Ion: 98 Resp: 584654

Ion Ratio Lower Upper

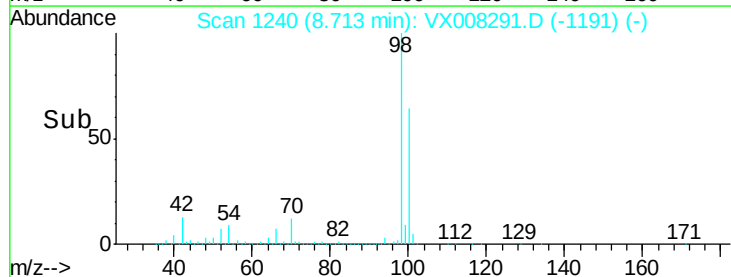
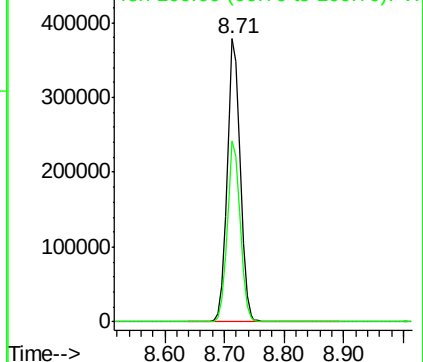
98 100

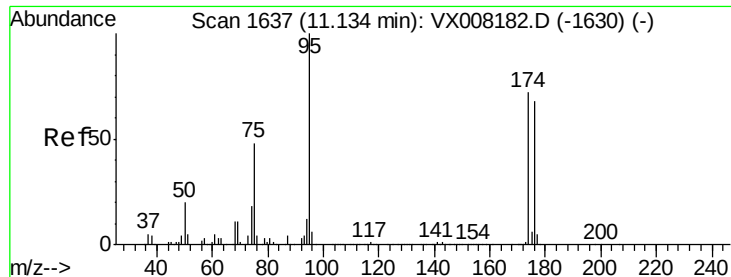
100 63.1 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 44.447 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008291.D

Acq: 21 Mar 2019 15:23

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW302S-20190314

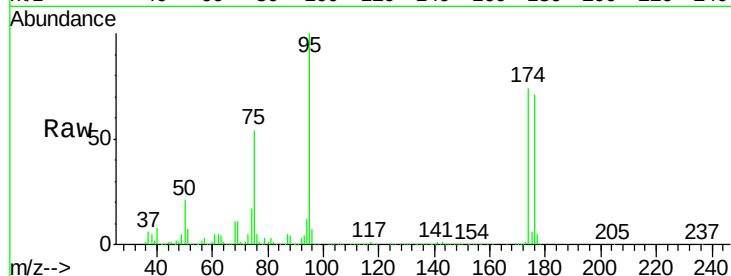
Tot Ion: 95 Resp: 184596

Ion Ratio Lower Upper

95 100

174 80.9 0.0 182.8

176 77.4 0.0 178.0

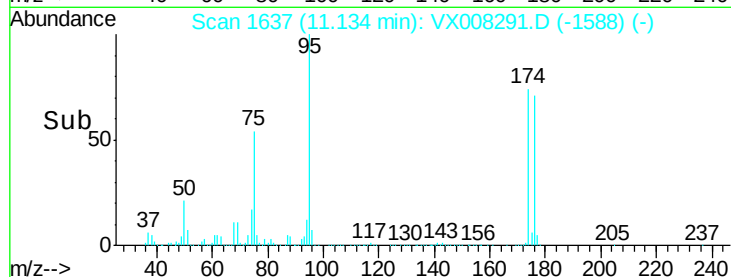


Abundance Ion 94.90 (94.60 to 95.60): VX008291.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX008291.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX008291.D (-1588) (-)

Time-->

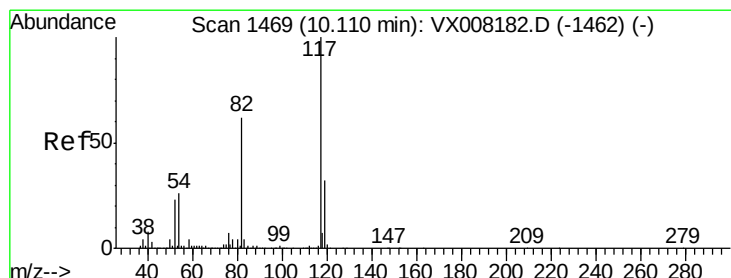


Abundance Ion 94.90 (94.60 to 95.60): VX008291.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX008291.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX008291.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: VX008291.D

Acq: 21 Mar 2019 15:23

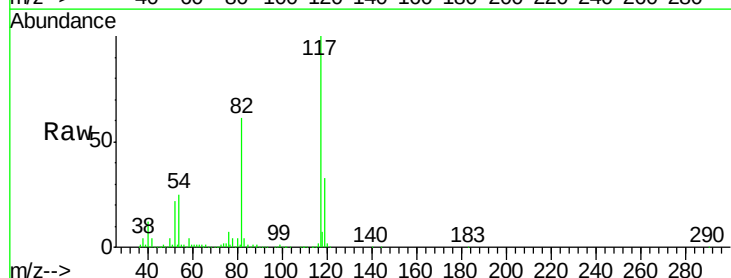
Tgt Ion: 117 Resp: 401657

Ion Ratio Lower Upper

117 100

82 60.9 44.3 66.5

119 32.8 25.3 37.9

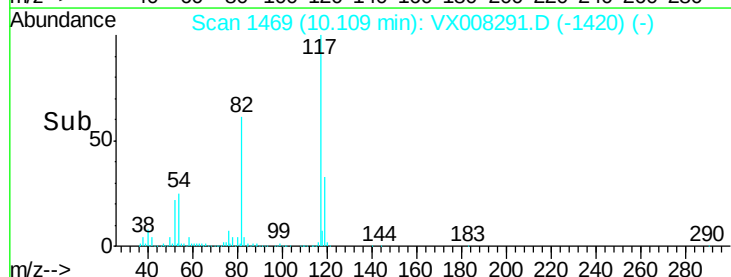


Abundance Ion 116.90 (116.60 to 117.60): VX008291.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX008291.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX008291.D (-1420) (-)

Time-->

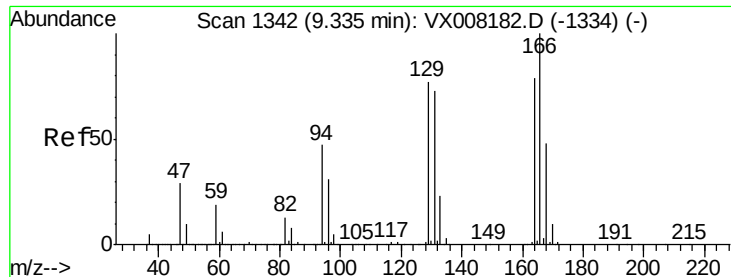


Abundance Ion 116.90 (116.60 to 117.60): VX008291.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX008291.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX008291.D (-1420) (-)

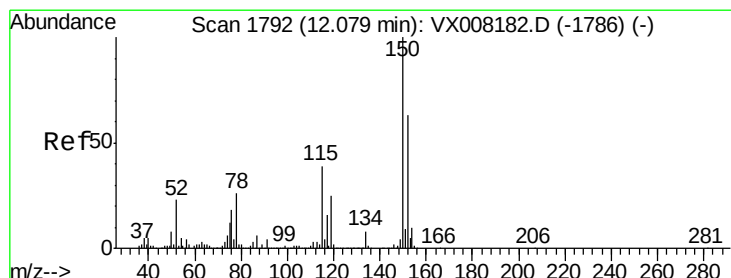
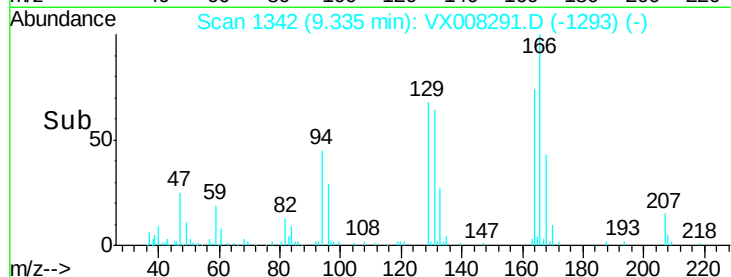
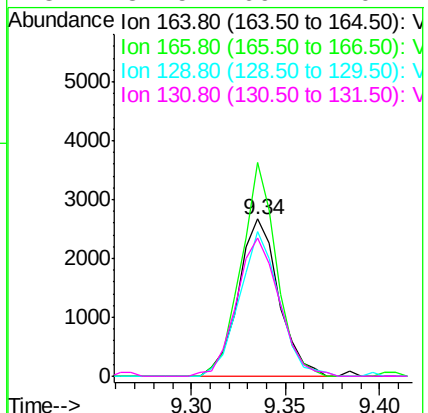
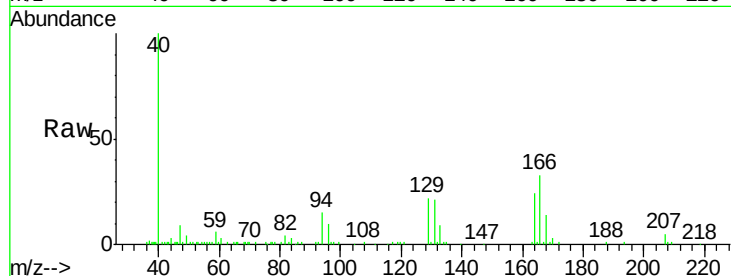
Time-->



#64
Tetrachloroethene
Concen: 1.092 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008291.D
Acq: 21 Mar 2019 15:23

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW302S-20190314

Tot Ion:164 Resp: 3958
Ion Ratio Lower Upper
164 100
166 135.7 103.4 155.0
129 91.8 72.2 108.4
131 87.5 69.4 104.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008291.D
Acq: 21 Mar 2019 15:23

Tgt Ion:152 Resp: 160625
Ion Ratio Lower Upper
152 100
115 59.4 38.6 115.7
150 157.0 0.0 348.4

