

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111318\
 Data File : VX005958.D
 Acq On : 13 Nov 2018 19:27
 Operator : JC/MD
 Sample : J5931-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY038PS027-181112

Quant Time: Nov 14 09:29:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

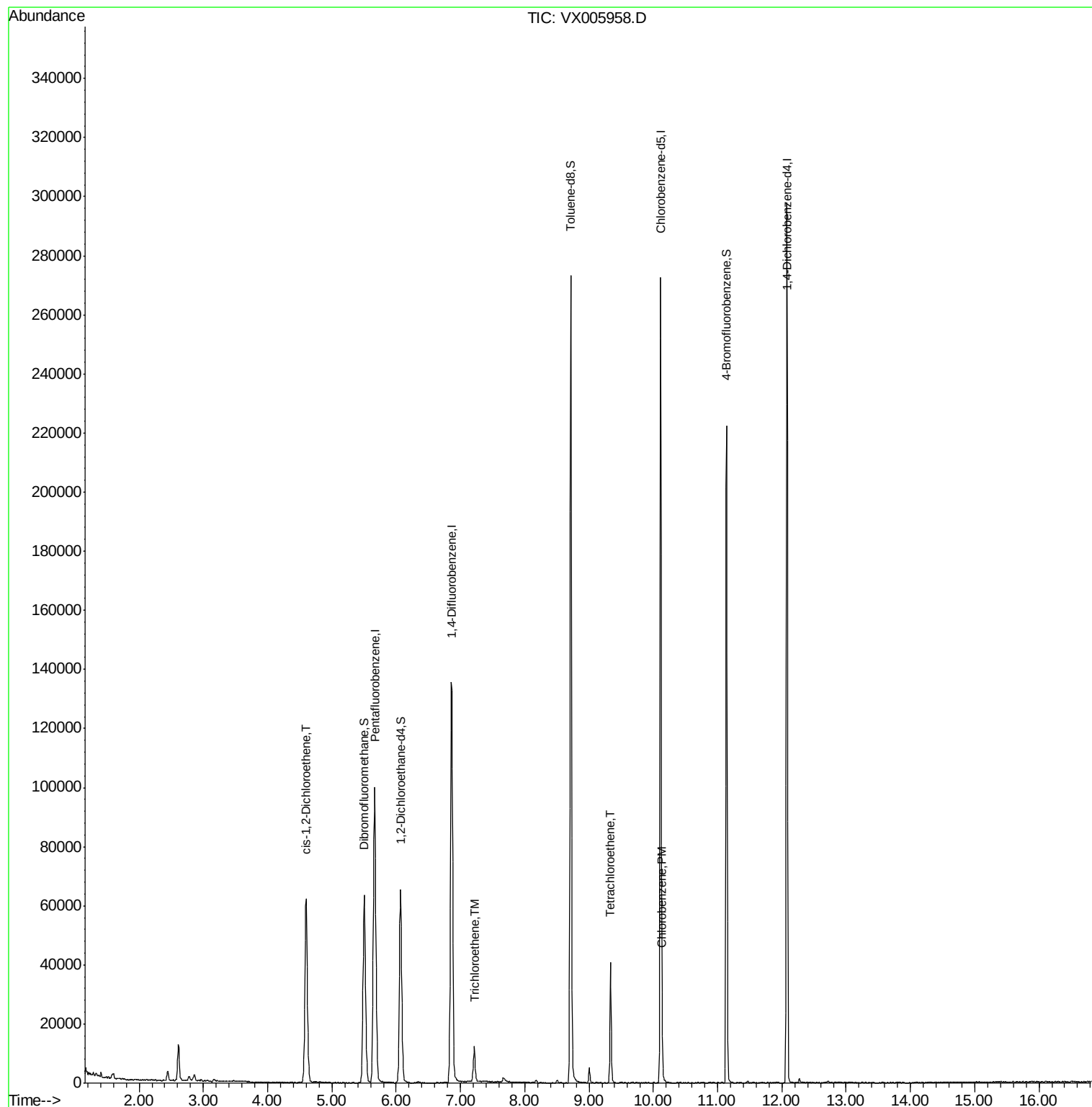
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	95395	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	133965	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	124862	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	60758	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	63543	57.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.88%	
35) Dibromofluoromethane	5.50	113	50793	55.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.50%	
50) Toluene-d8	8.71	98	163984	54.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.26%	
62) 4-Bromofluorobenzene	11.14	95	55792	51.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.46%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	39455	40.178	ug/l	91
44) Trichloroethene	7.21	130	4279	4.475	ug/l	96
64) Tetrachloroethene	9.34	164	8077	7.598	ug/l	98
65) Chlorobenzene	10.14	112	3544	1.417	ug/l	96

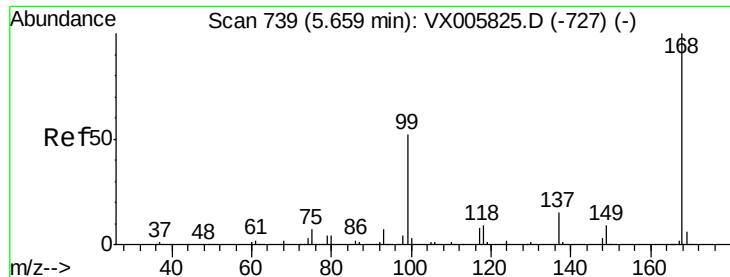
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005958.D

Acq: 13 Nov 2018 19:27

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MSVOA_X

ClientSampleId :

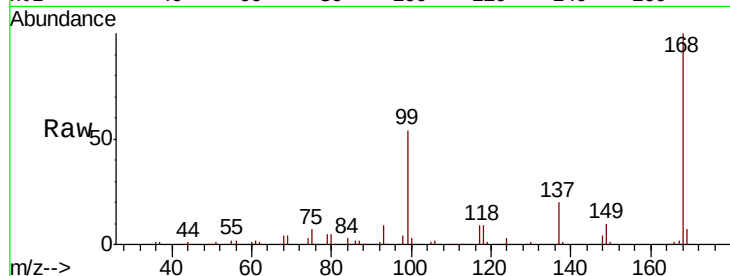
KY038PS027-181112

Tot Ion:168 Resp: 95395

Ion Ratio Lower Upper

168 100

99 53.8 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

40000

30000

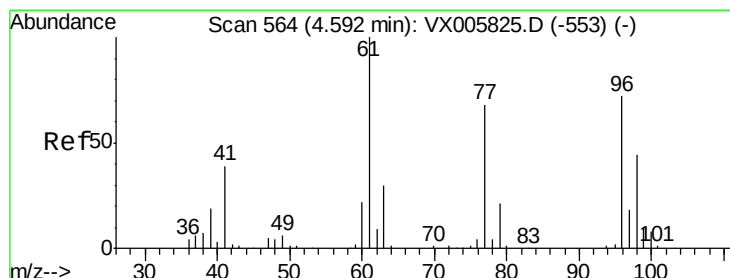
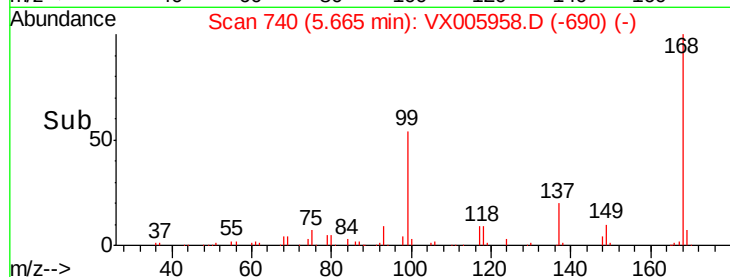
20000

10000

0

Time-->

5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 40.178 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.01 min

Lab File: VX005958.D

Acq: 13 Nov 2018 19:27

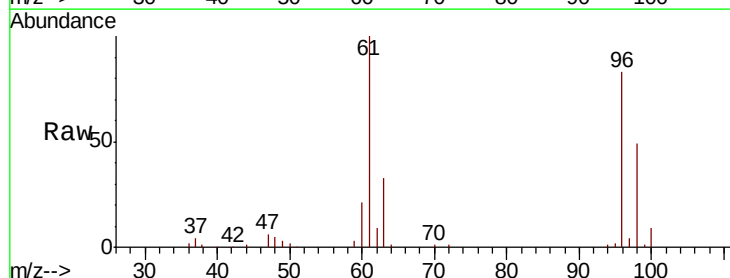
Tgt Ion: 96 Resp: 39455

Ion Ratio Lower Upper

96 100

61 137.7 0.0 304.6

98 66.1 0.0 127.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

25000

20000

15000

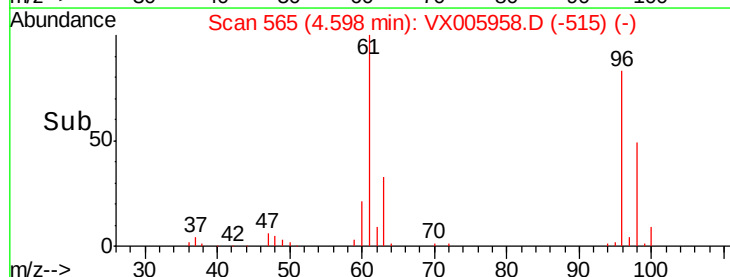
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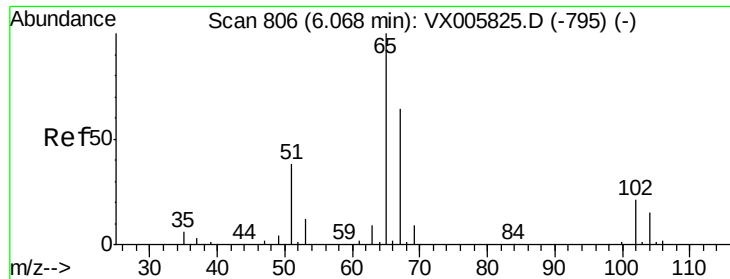
5000

0

Time-->

4.50 4.60 4.70

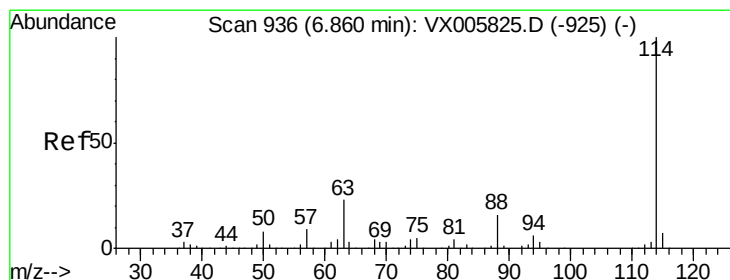
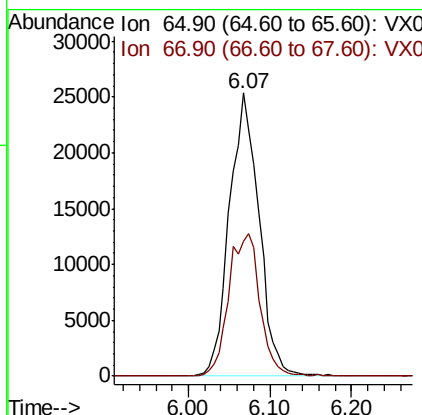
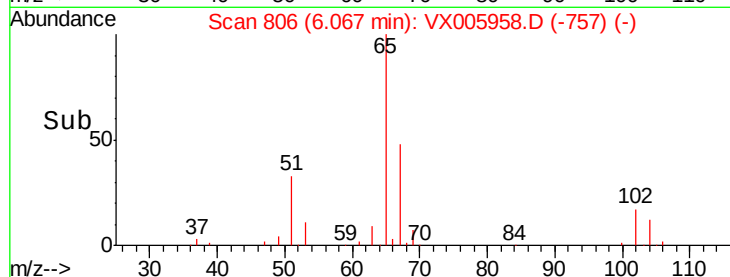
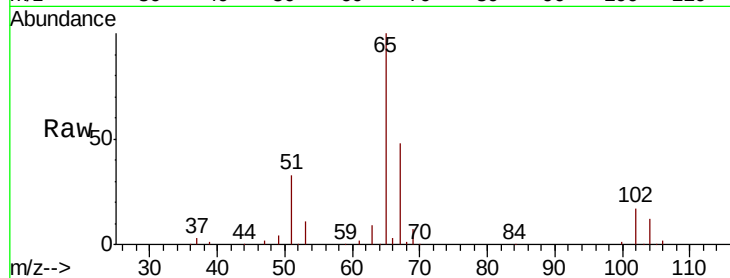




#33
 1,2-Dichloroethane-d4
 Concen: 57.941 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005958.D
 Acq: 13 Nov 2018 19:27

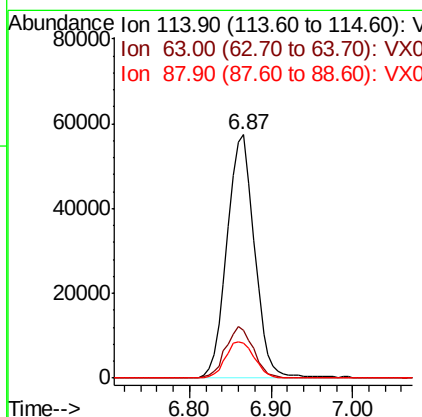
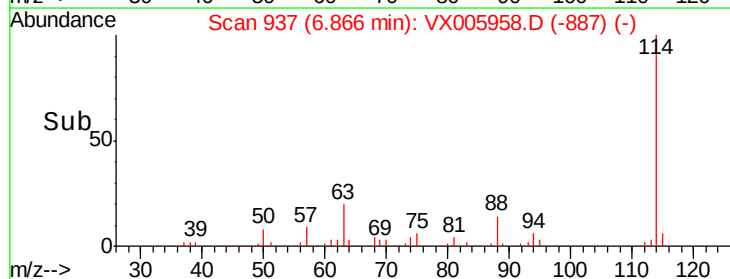
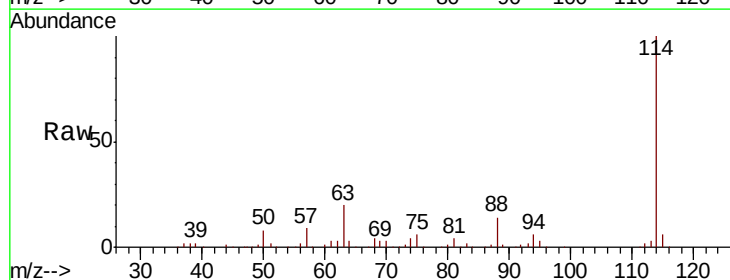
Instrument :
 MSVOA_X
 ClientSampleId :
 KY038PS027-181112

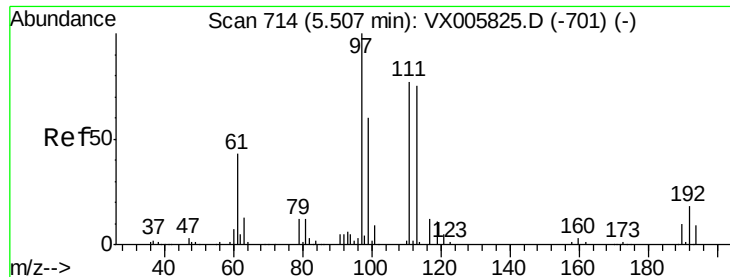
Tot Ion: 65 Resp: 63543
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX005958.D
 Acq: 13 Nov 2018 19:27

Tgt Ion: 114 Resp: 133965
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 42.8
 88 14.5 0.0 31.2

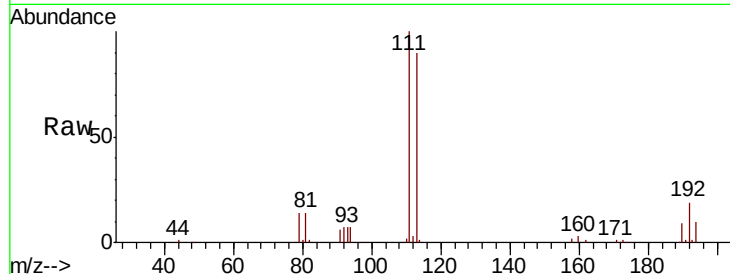




#35
 Dibromofluoromethane
 Concen: 55.745 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: VX005958.D
 Acq: 13 Nov 2018 19:27

Instrument :
 MSVOA_X
 ClientSampleId :
 KY038PS027-181112

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.3	82.3	123.5
192	23.0	17.9	26.9

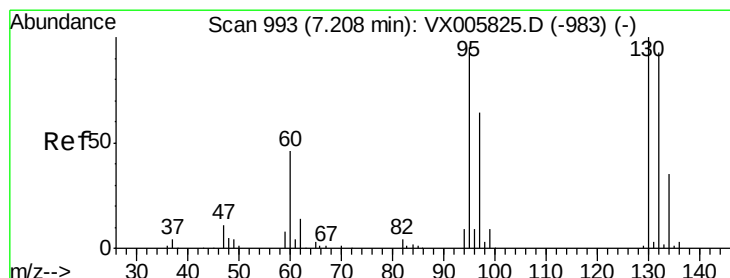
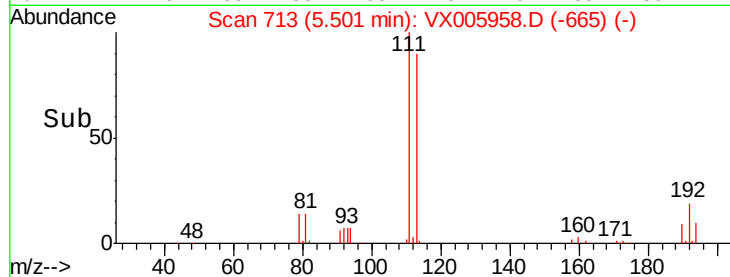
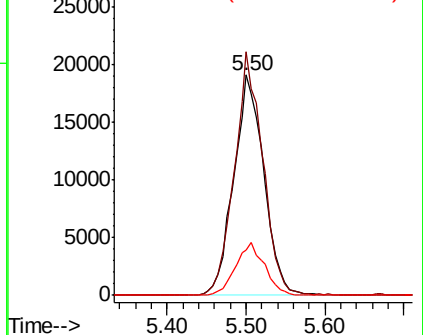


Abundance

Ion 112.80 (112.50 to 113.50): V

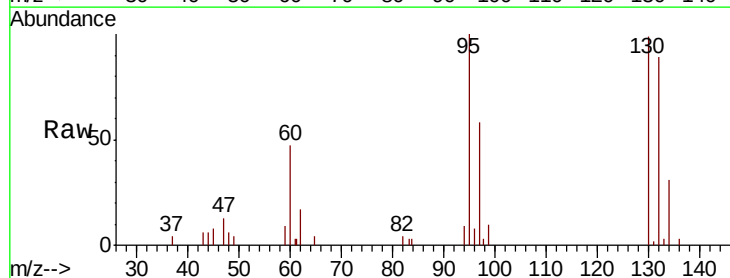
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#44
 Trichloroethene
 Concen: 4.475 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: VX005958.D
 Acq: 13 Nov 2018 19:27

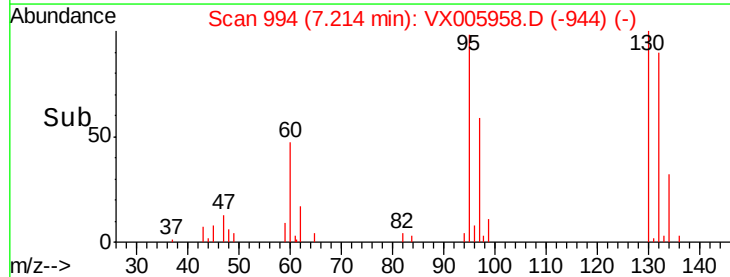
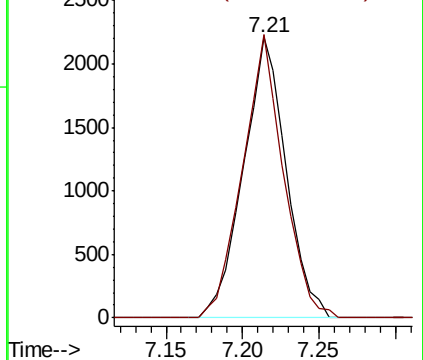
Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.9	0.0	194.2

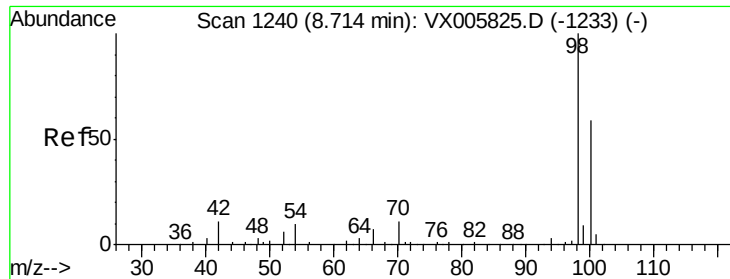


Abundance

Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 54.134 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005958.D

Acq: 13 Nov 2018 19:27

Instrument :

MSVOA_X

ClientSampleId :

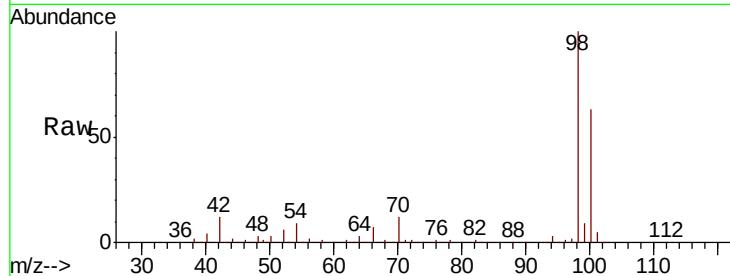
KY038PS027-181112

Tot Ion: 98 Resp: 163984

Ion Ratio Lower Upper

98 100

100 62.9 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

120000

100000

80000

60000

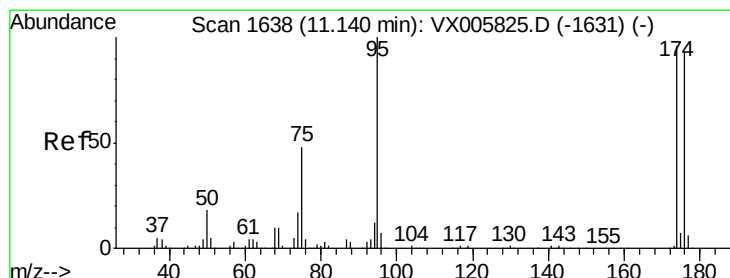
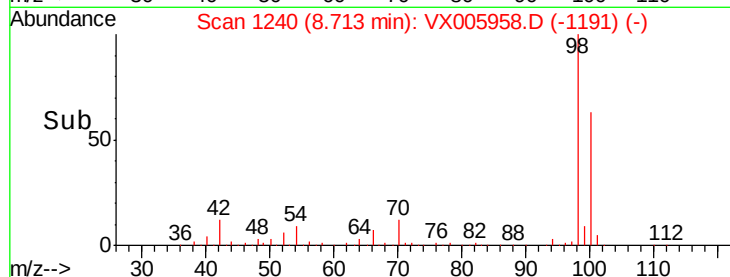
40000

20000

0

8.60 8.70 8.80 8.90

Time-->



#62

4-Bromofluorobenzene

Concen: 51.227 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005958.D

Acq: 13 Nov 2018 19:27

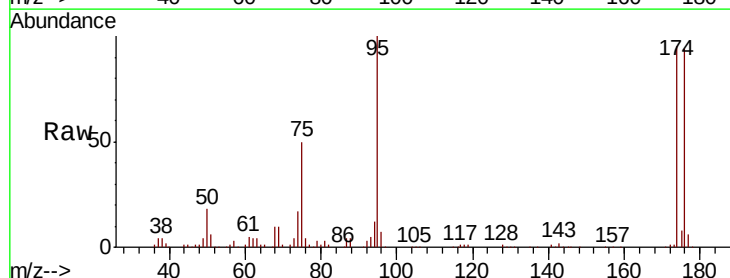
Tgt Ion: 95 Resp: 55792

Ion Ratio Lower Upper

95 100

174 92.0 0.0 184.4

176 88.0 0.0 177.4



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

60000

50000

40000

30000

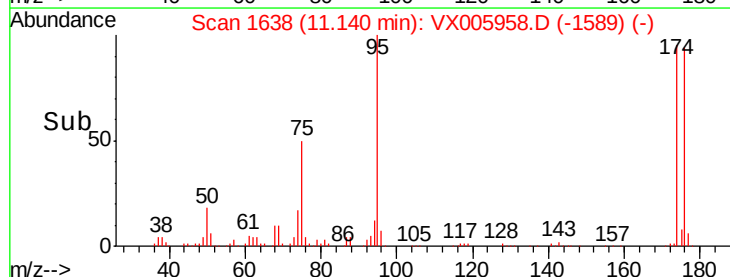
20000

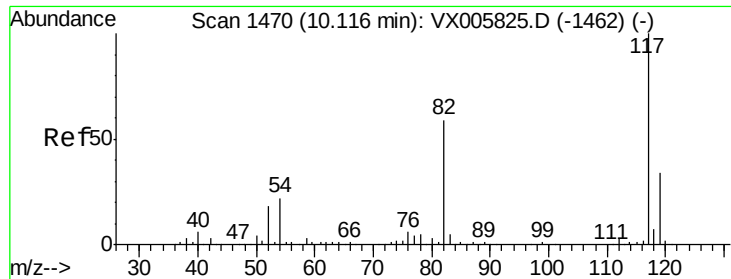
10000

0

11.10 11.20

Time-->

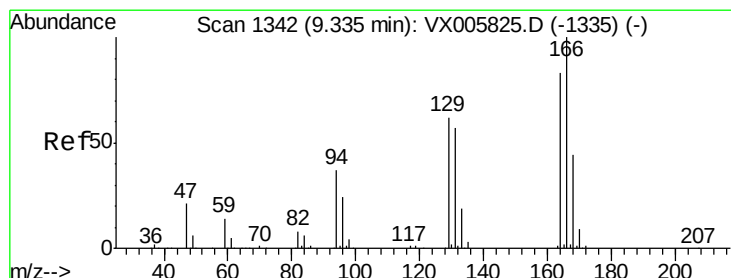
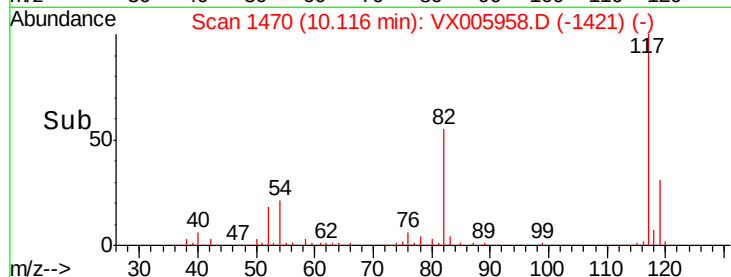
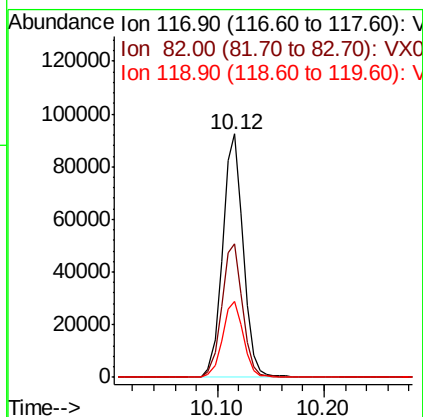
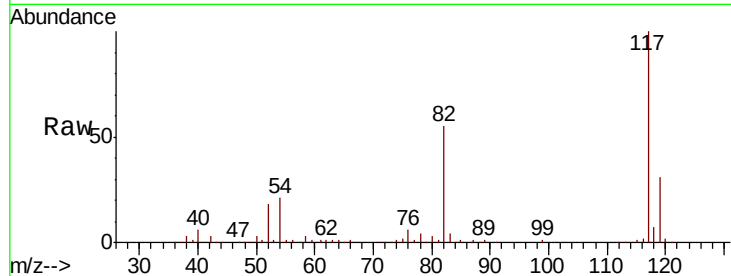




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005958.D
Acq: 13 Nov 2018 19:27

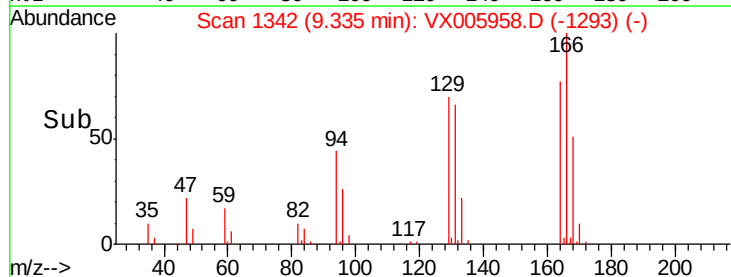
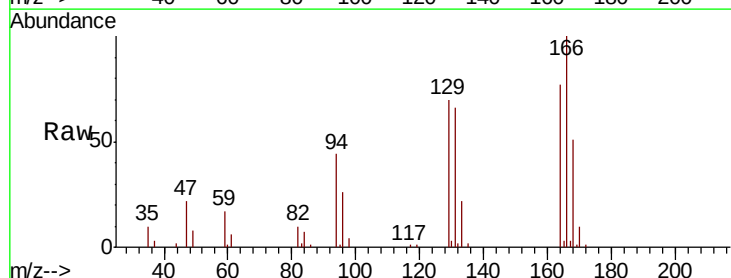
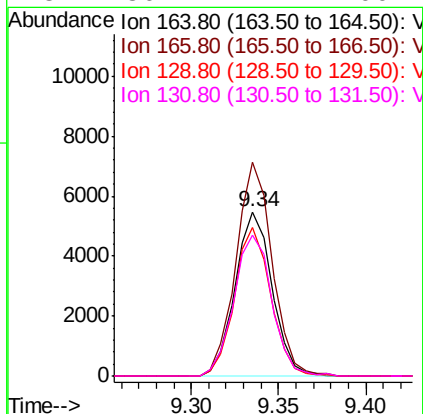
Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-181112

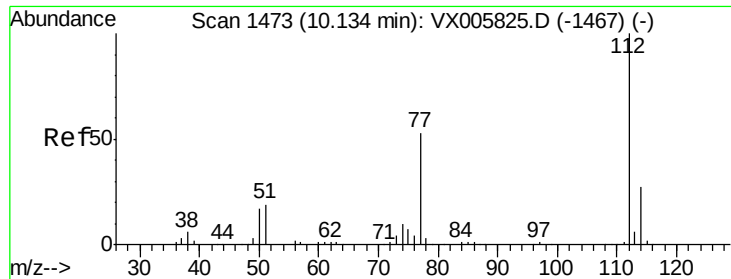
Tot Ion:117 Resp: 124862
Ion Ratio Lower Upper
117 100
82 54.6 44.1 66.1
119 31.3 26.2 39.2



#64
Tetrachloroethene
Concen: 7.598 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005958.D
Acq: 13 Nov 2018 19:27

Tgt Ion:164 Resp: 8077
Ion Ratio Lower Upper
164 100
166 130.3 101.9 152.9
129 90.6 72.6 109.0
131 86.2 71.1 106.7

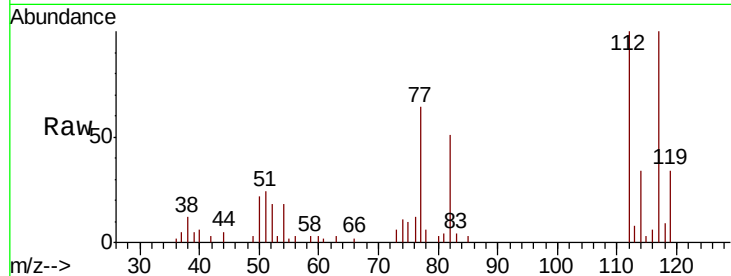




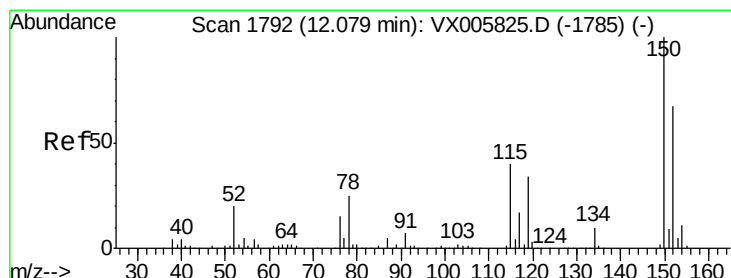
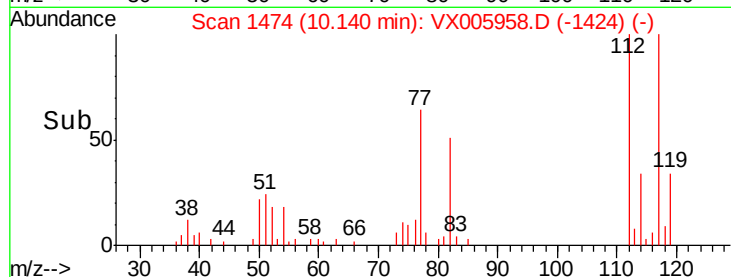
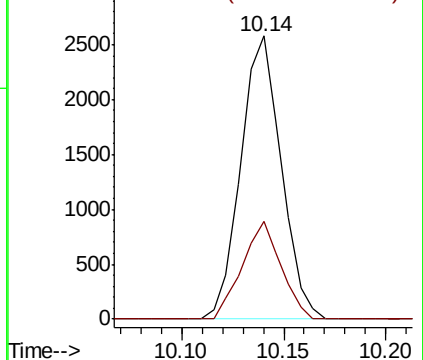
#65
Chlorobenzene
Concen: 1.417 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX005958.D
Acq: 13 Nov 2018 19:27

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-181112

Tot Ion:112 Resp: 3544
Ion Ratio Lower Upper
112 100
114 34.4 25.8 38.6

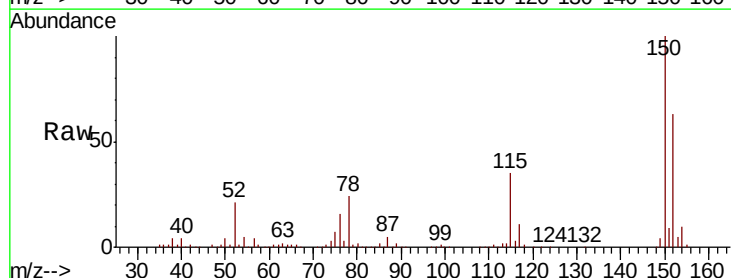


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005958.D
Acq: 13 Nov 2018 19:27

Tgt Ion:152 Resp: 60758
Ion Ratio Lower Upper
152 100
115 55.6 39.4 118.1
150 157.7 0.0 346.4



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

