

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030719\
 Data File : VX007893.D
 Acq On : 07 Mar 2019 19:24
 Operator : JC/SP
 Sample : K1793-15
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE108D1-20190306

Quant Time: Mar 08 06:57:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

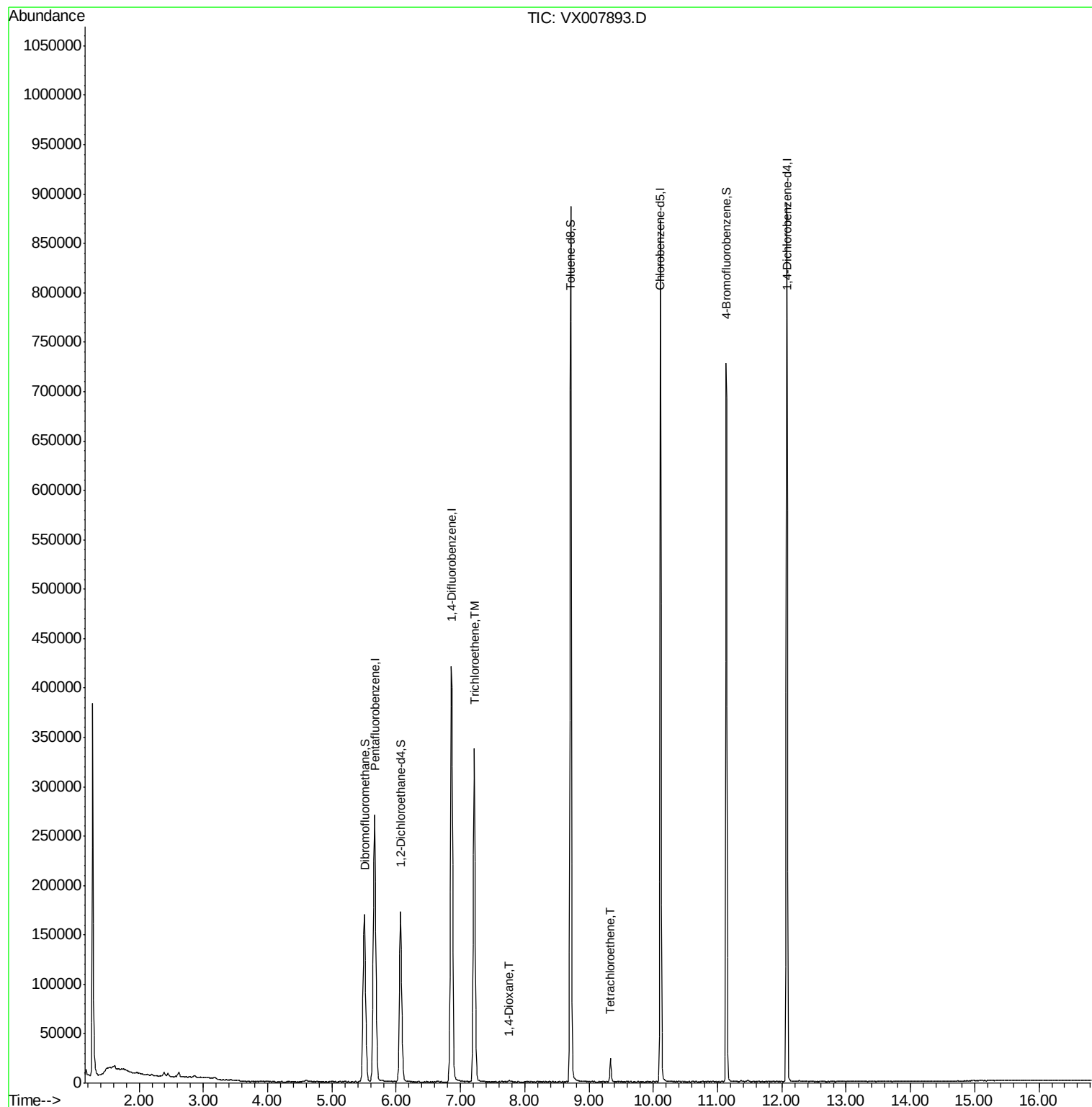
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	280402	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	439704	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	414686	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	196108	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	157427	53.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.44%	
35) Dibromofluoromethane	5.50	113	145697	51.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.60%	
50) Toluene-d8	8.71	98	533696	51.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.34%	
62) 4-Bromofluorobenzene	11.13	95	195130	53.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.76%	
Target Compounds						
44) Trichloroethene	7.21	130	136514	41.793	ug/l	99
49) 1,4-Dioxane	7.76	88	913	12.089	ug/l	93
64) Tetrachloroethene	9.34	164	4904	1.427	ug/l	96

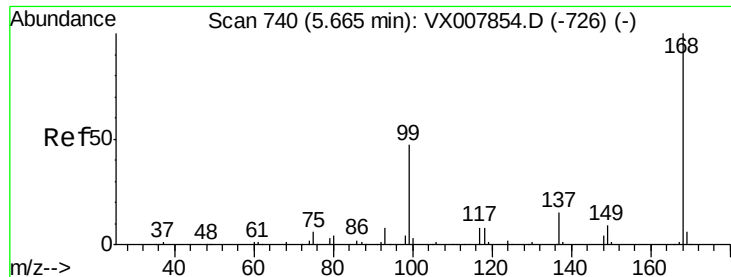
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007893.D

Acq: 07 Mar 2019 19:24

Instrument :

MSVOA_X

ClientSampleId :

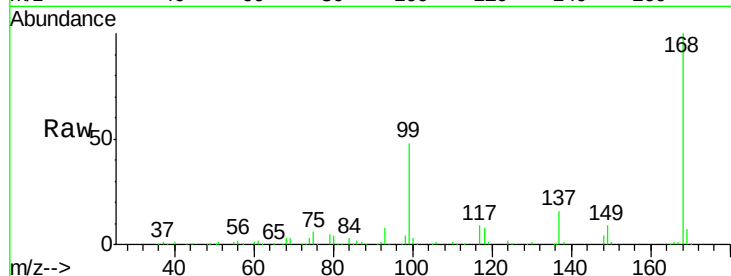
RE108D1-20190306

Tot Ion:168 Resp: 280402

Ion Ratio Lower Upper

168 100

99 47.7 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

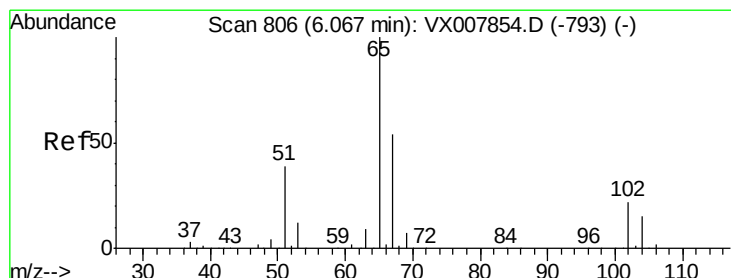
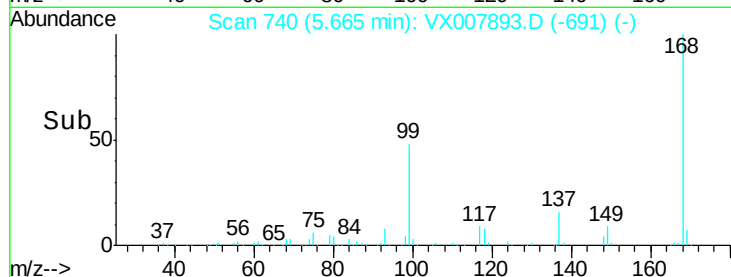
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 53.221 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007893.D

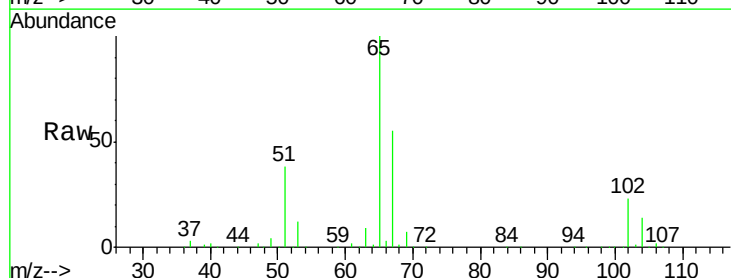
Acq: 07 Mar 2019 19:24

Tgt Ion: 65 Resp: 157427

Ion Ratio Lower Upper

65 100

67 54.2 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

60000

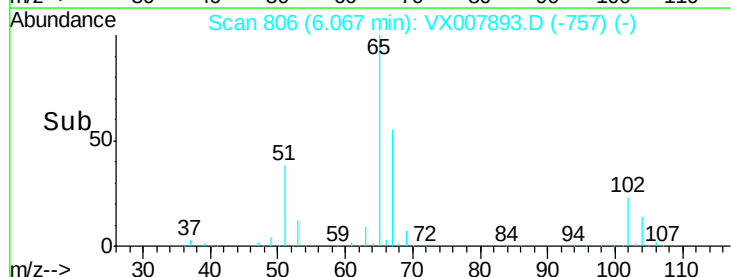
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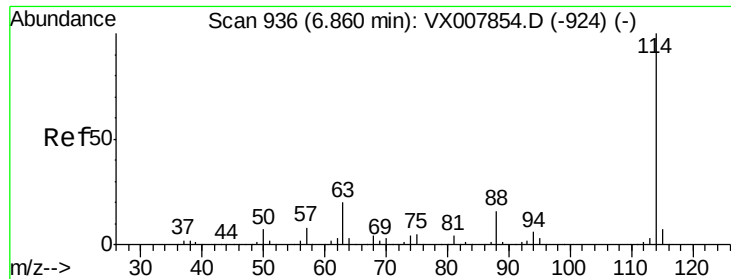
20000

0

Time-->

5.90 6.00 6.10 6.20 6.30

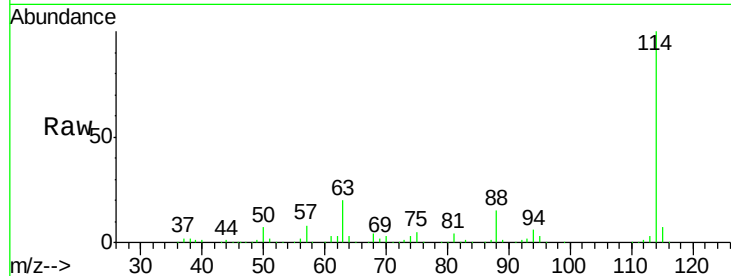




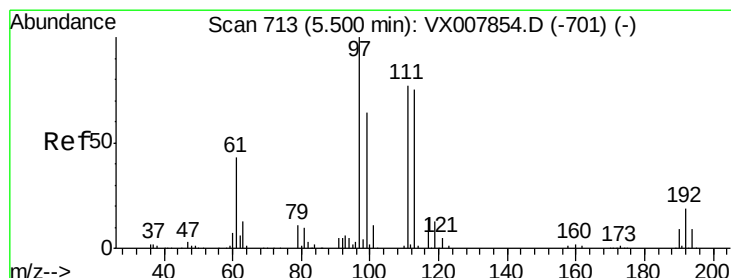
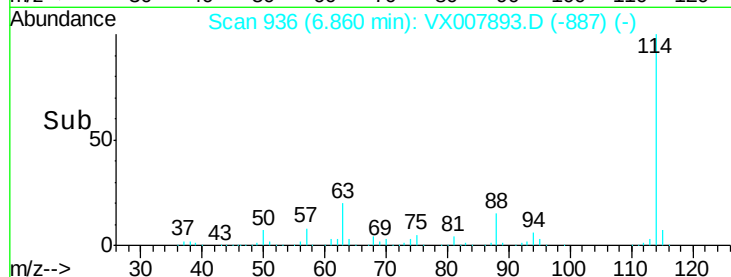
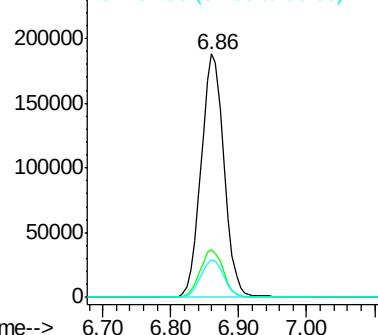
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX007893.D
Acq: 07 Mar 2019 19:24

Instrument :
MSVOA_X
ClientSampleId :
RE108D1-20190306

Tot Ion:114 Resp: 439704
Ion Ratio Lower Upper
114 100
63 19.6 0.0 39.8
88 15.4 0.0 31.4

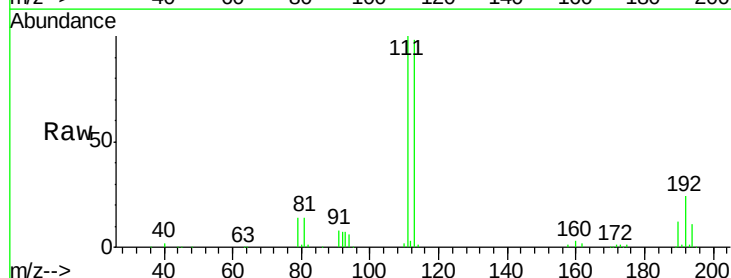


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

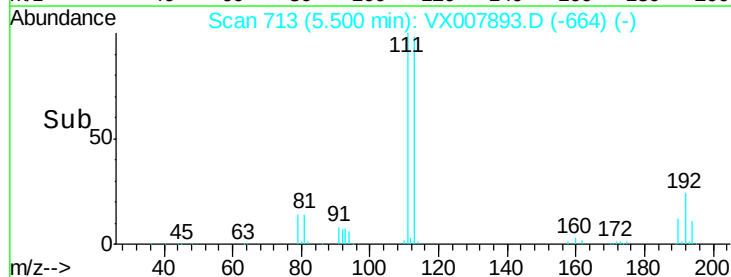
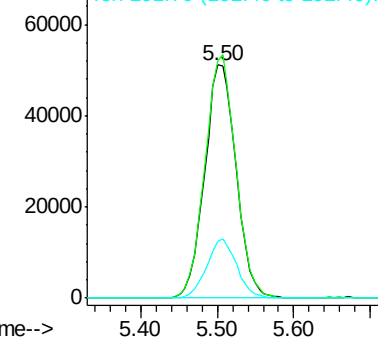


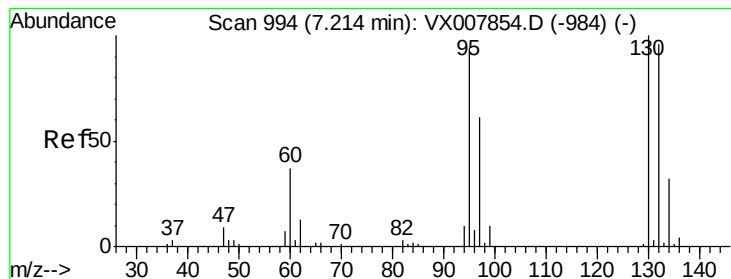
#35
Dibromofluoromethane
Concen: 51.801 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX007893.D
Acq: 07 Mar 2019 19:24

Tgt Ion:113 Resp: 145697
Ion Ratio Lower Upper
113 100
111 102.5 81.4 122.0
192 24.2 19.4 29.0



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





#44

Trichloroethene

Concen: 41.793 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX007893.D

Acq: 07 Mar 2019 19:24

Instrument :

MSVOA_X

ClientSampleId :

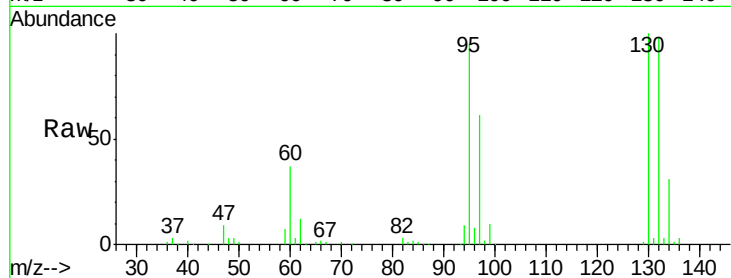
RE108D1-20190306

Tot Ion:130 Resp: 136514

Ion Ratio Lower Upper

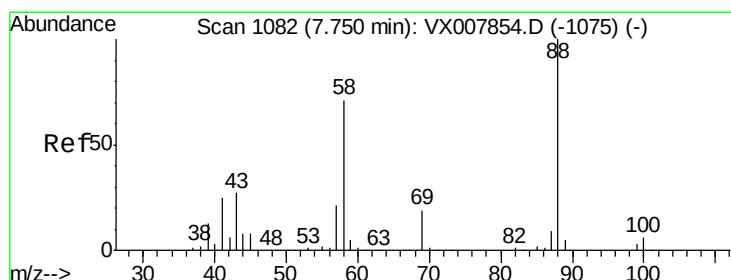
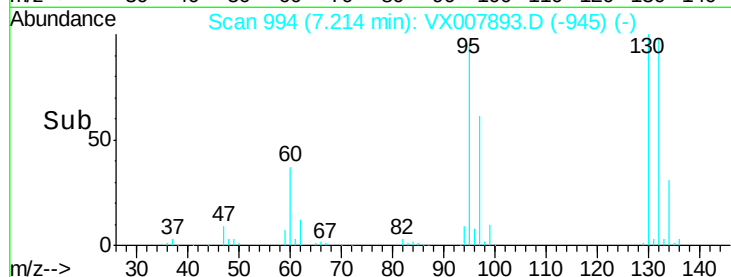
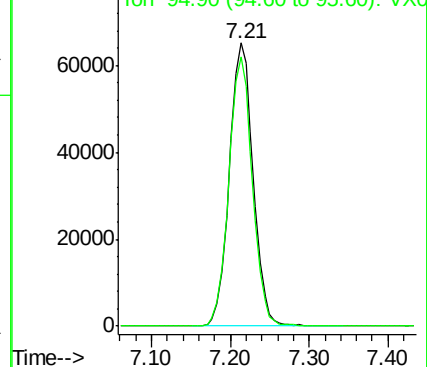
130 100

95 95.1 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#49

1,4-Dioxane

Concen: 12.089 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. 0.01 min

Lab File: VX007893.D

Acq: 07 Mar 2019 19:24

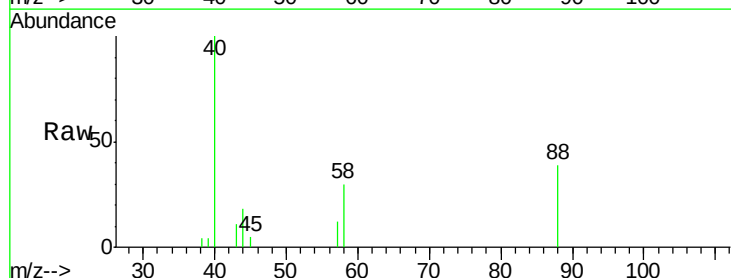
Tgt Ion: 88 Resp: 913

Ion Ratio Lower Upper

88 100

43 34.6 25.1 37.7

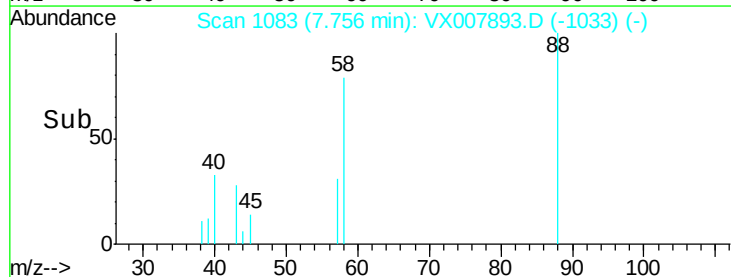
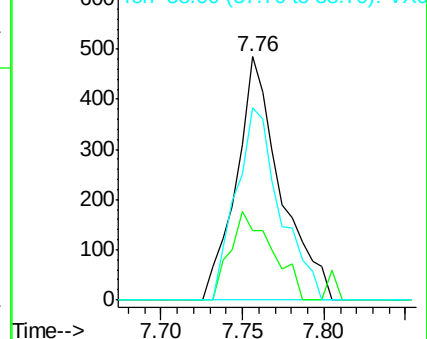
58 78.4 57.8 86.6

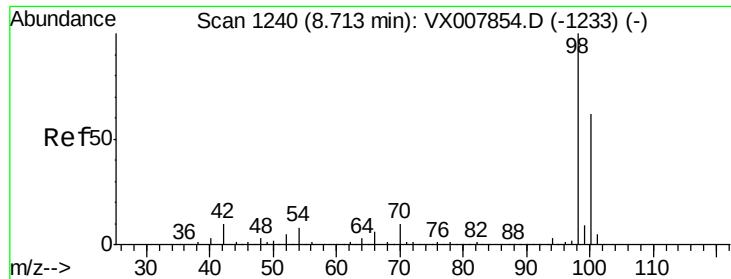


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

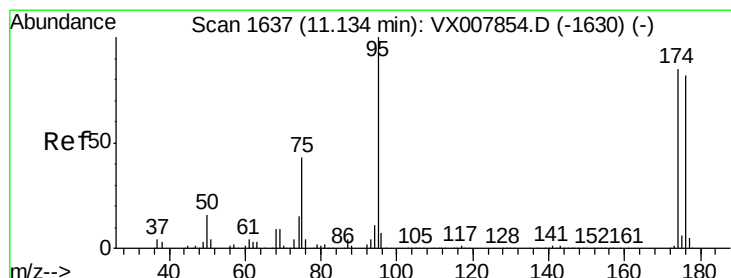
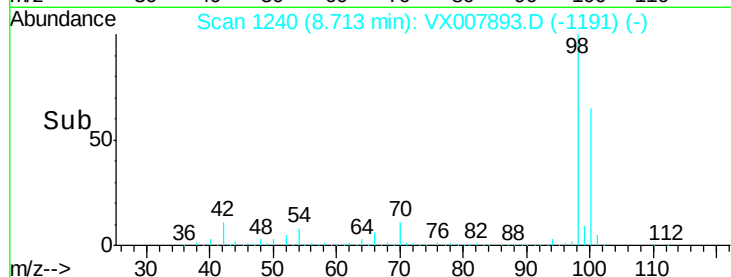
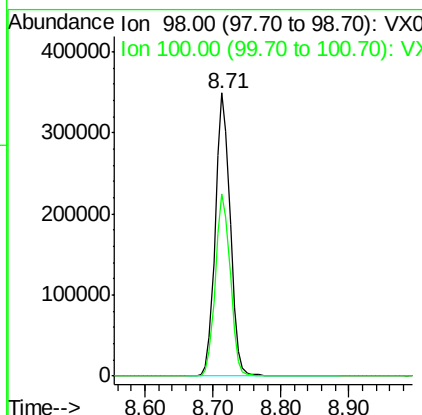
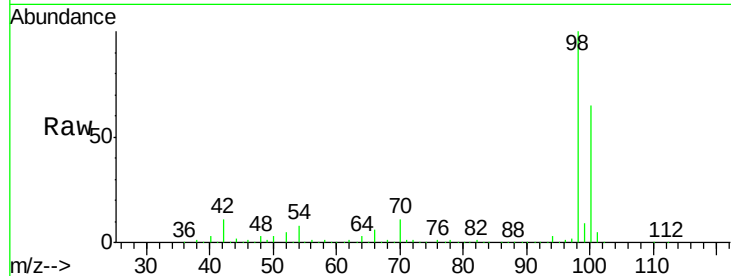




#50
Toluene-d8
Concen: 51.667 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007893.D
Acq: 07 Mar 2019 19:24

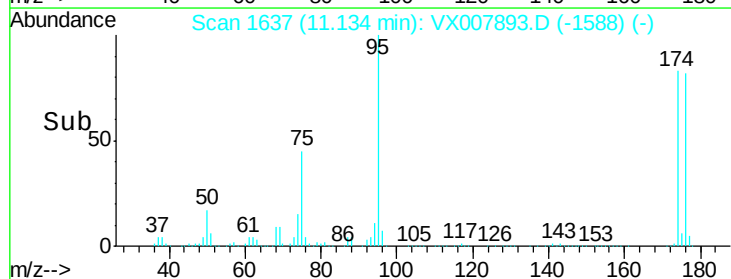
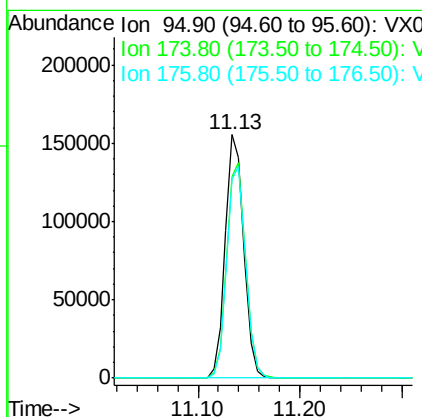
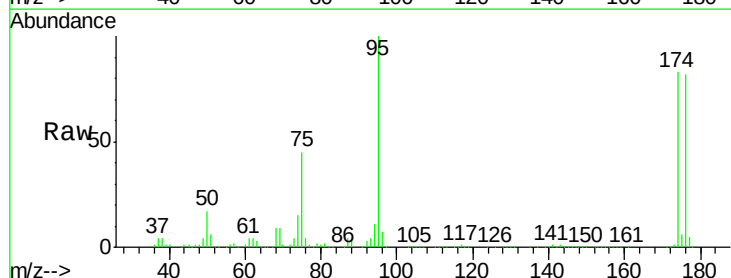
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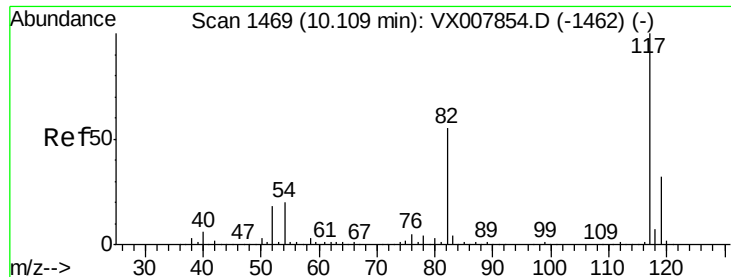
Tot Ion: 98 Resp: 533696
Ion Ratio Lower Upper
98 100
100 64.6 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 53.880 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007893.D
Acq: 07 Mar 2019 19:24

Tgt Ion: 95 Resp: 195130
Ion Ratio Lower Upper
95 100
174 90.7 0.0 182.8
176 88.2 0.0 178.0

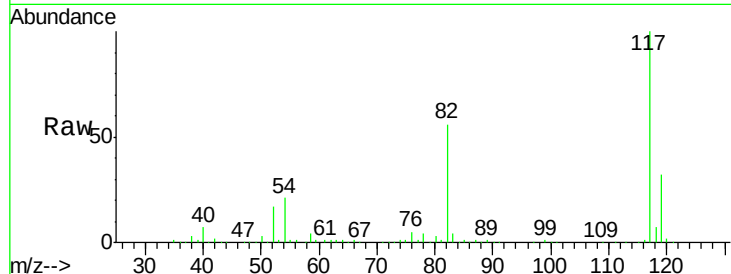




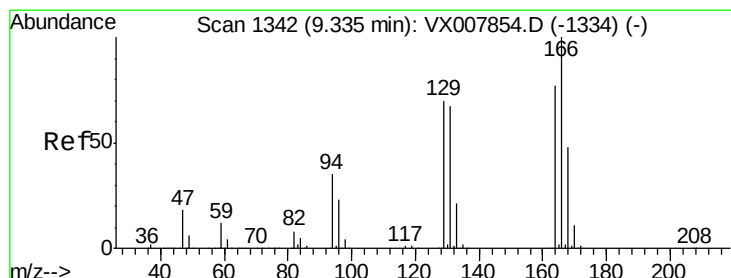
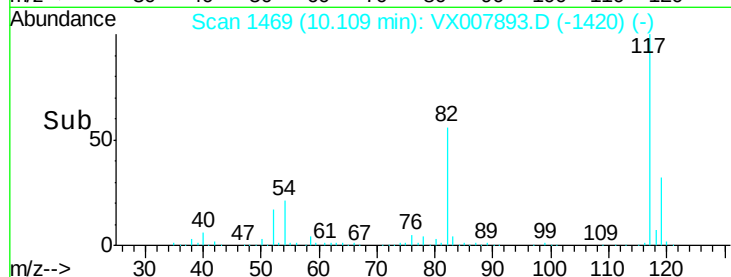
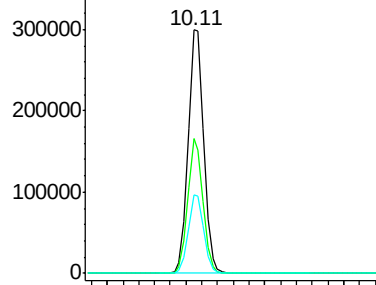
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007893.D
Acq: 07 Mar 2019 19:24

Instrument :
MSVOA_X
ClientSampleId :
RE108D1-20190306

Tot Ion:117 Resp: 414686
Ion Ratio Lower Upper
117 100
82 55.6 44.3 66.5
119 32.0 25.3 37.9



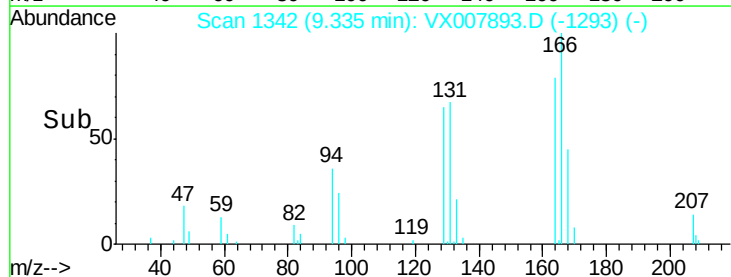
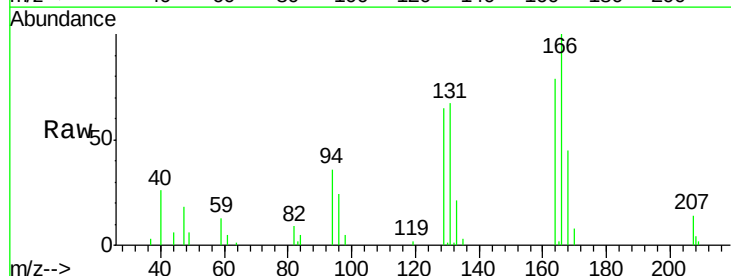
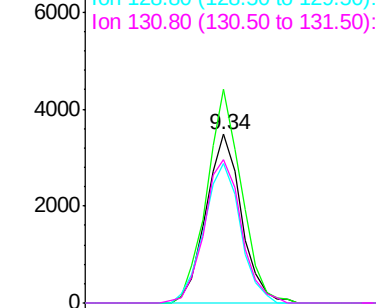
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

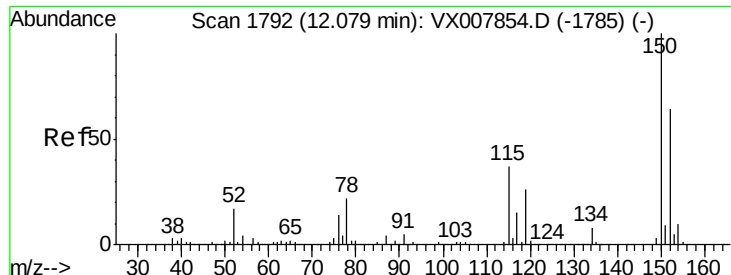


#64
Tetrachloroethene
Concen: 1.427 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007893.D
Acq: 07 Mar 2019 19:24

Tgt Ion:164 Resp: 4904
Ion Ratio Lower Upper
164 100
166 126.7 103.4 155.0
129 82.7 72.2 108.4
131 84.8 69.4 104.2

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: VX007893.D
 Acq: 07 Mar 2019 19:24

Instrument :
 MSVOA_X
 ClientSampleId :
 RE108D1-20190306

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.3	38.6	115.7
150	157.2	0.0	348.4

