

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041619\
 Data File : VX008985.D
 Acq On : 16 Apr 2019 14:18
 Operator : JC/SP
 Sample : K2387-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY062MW145-190410

Quant Time: Apr 17 05:31:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 09:35:21 2019
 Response via : Initial Calibration

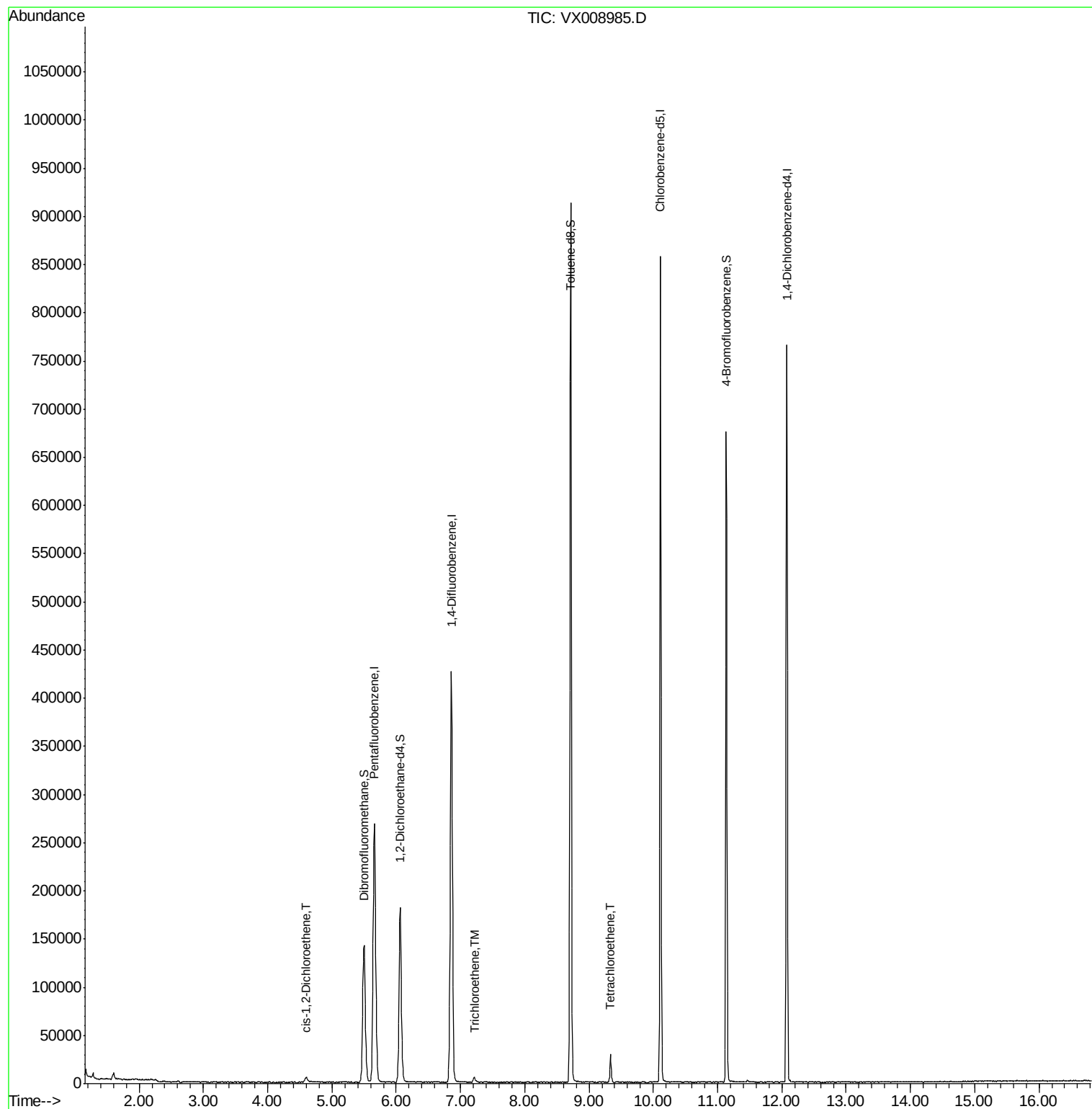
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	259278	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	415720	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	363833	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	157564	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	168546	46.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.26%	
35) Dibromofluoromethane	5.50	113	123310	46.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.44%	
50) Toluene-d8	8.71	98	520619	48.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.86%	
62) 4-Bromofluorobenzene	11.13	95	178051	47.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.80%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	2931	0.870	ug/l	91
44) Trichloroethene	7.22	130	1870	0.602	ug/l	74
64) Tetrachloroethene	9.34	164	5513	1.995	ug/l	94

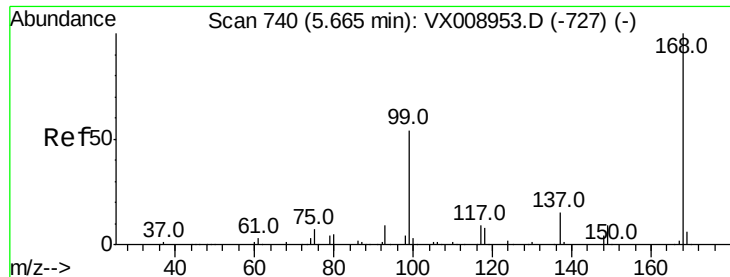
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX008985.D

Acq: 16 Apr 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

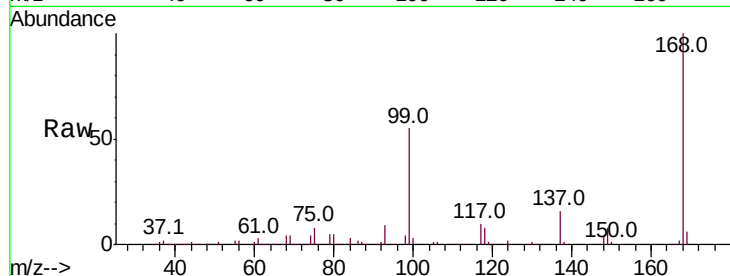
KY062MW145-190410

Tot Ion:168 Resp: 259278

Ion Ratio Lower Upper

168 100

99 55.0 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

60000

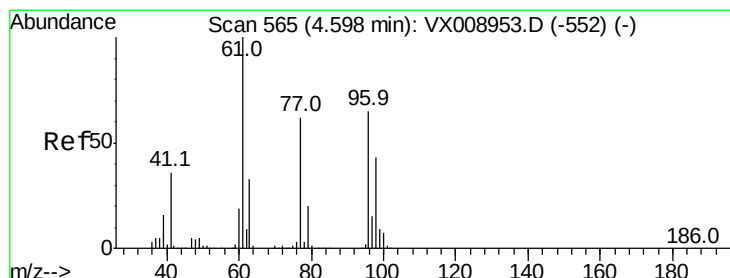
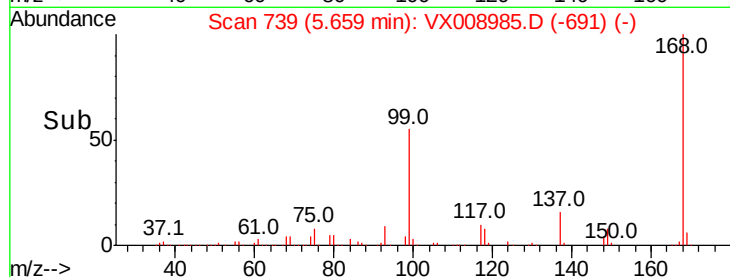
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 0.870 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX008985.D

Acq: 16 Apr 2019 14:18

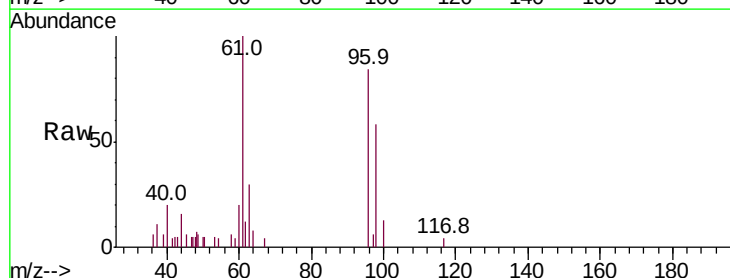
Tgt Ion: 96 Resp: 2931

Ion Ratio Lower Upper

96 100

61 151.9 0.0 322.0

98 75.2 0.0 128.4



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

2000

1500

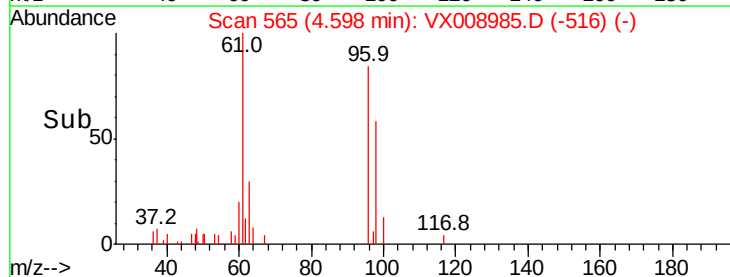
1000

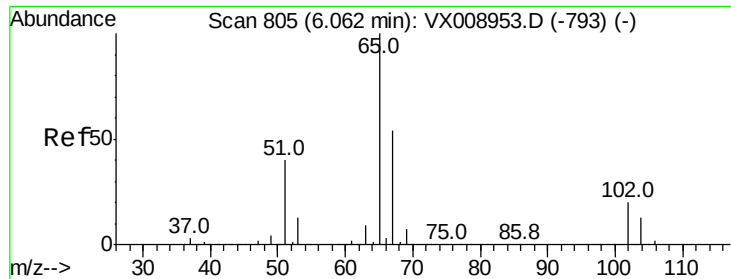
500

0

Time-->

4.50 4.55 4.60 4.65 4.70

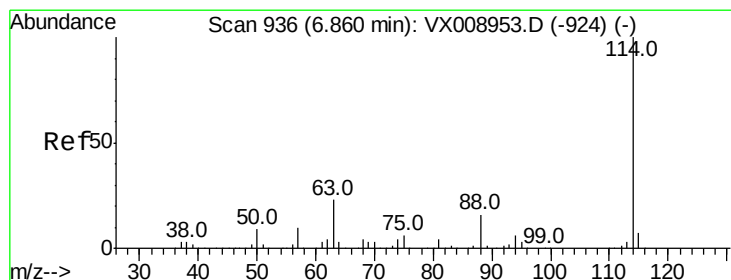
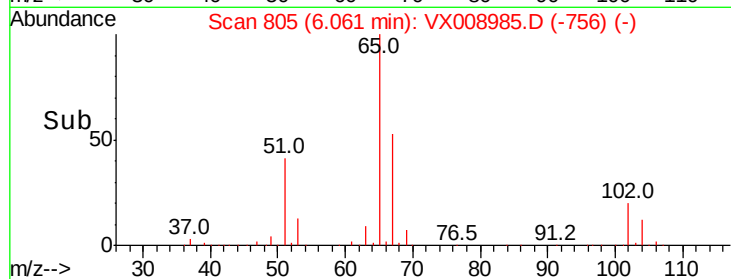
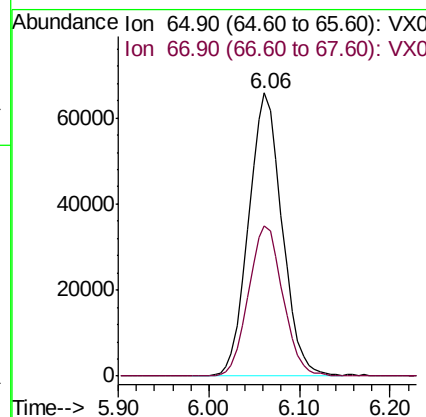
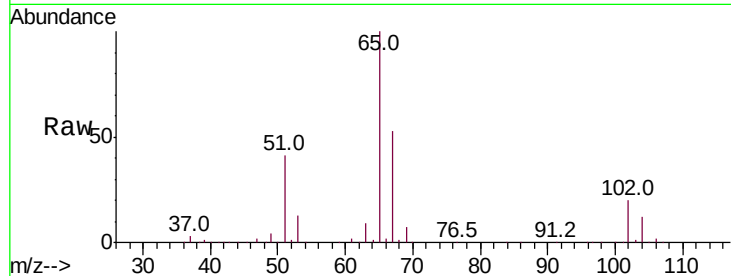




#33
 1,2-Dichloroethane-d4
 Concen: 46.127 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008985.D
 Acq: 16 Apr 2019 14:18

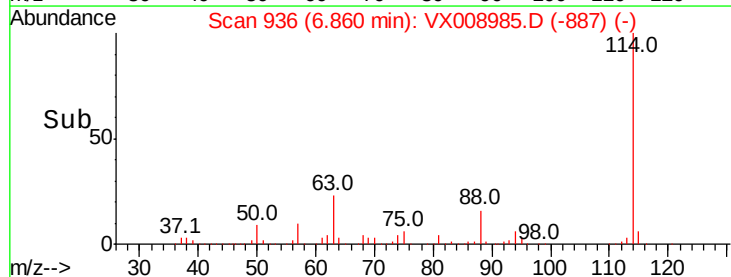
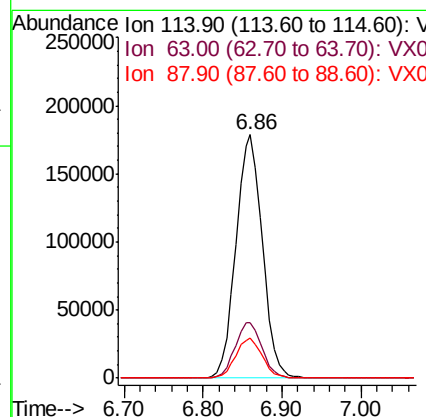
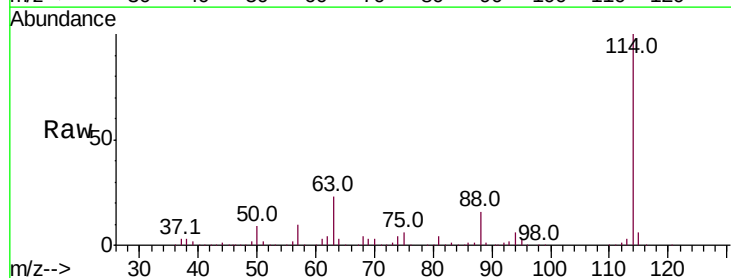
Instrument :
 MSVOA_X
 ClientSampleId :
 KY062MW145-190410

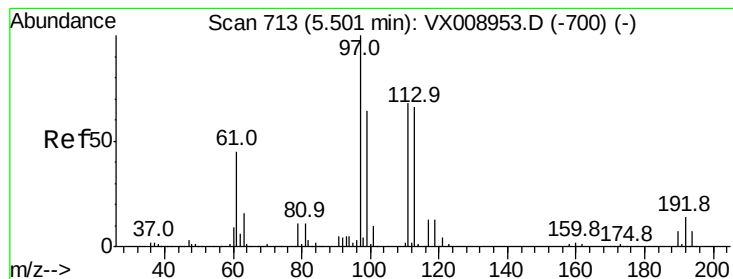
Tot Ion: 65 Resp: 168546
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008985.D
 Acq: 16 Apr 2019 14:18

Tgt Ion: 114 Resp: 415720
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 46.0
 88 16.3 0.0 32.6





#35

Dibromofluoromethane

Concen: 46.218 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008985.D

Acq: 16 Apr 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

KY062MW145-190410

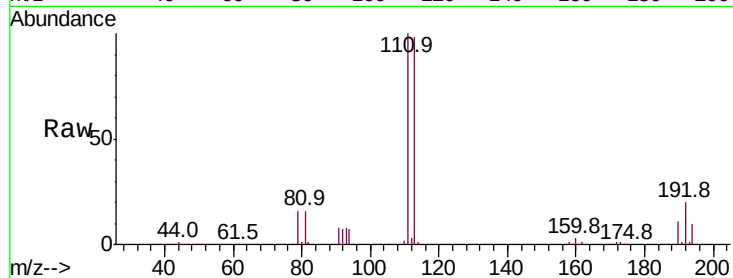
Tot Ion:113 Resp: 123310

Ion Ratio Lower Upper

113 100

111 103.4 82.9 124.3

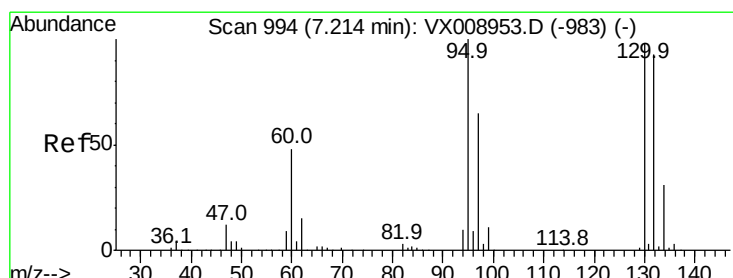
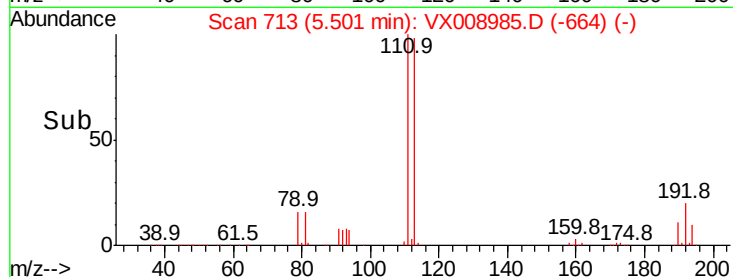
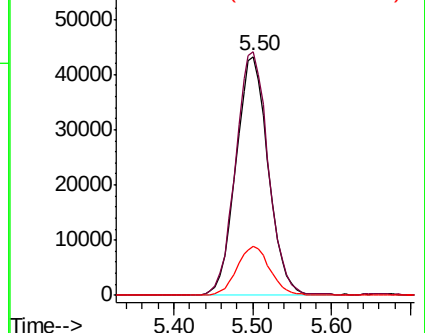
192 21.0 17.4 26.0



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



#44

Trichloroethene

Concen: 0.602 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX008985.D

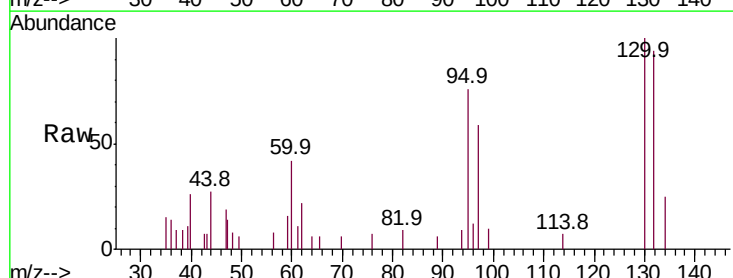
Acq: 16 Apr 2019 14:18

Tgt Ion:130 Resp: 1870

Ion Ratio Lower Upper

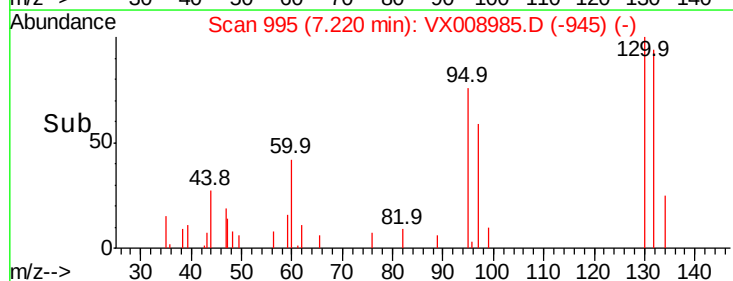
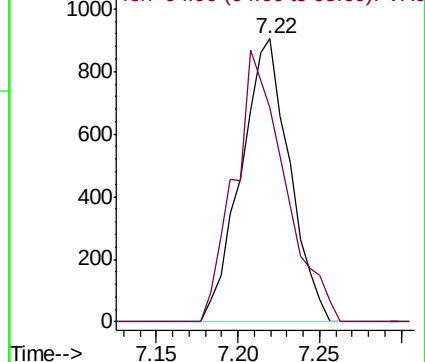
130 100

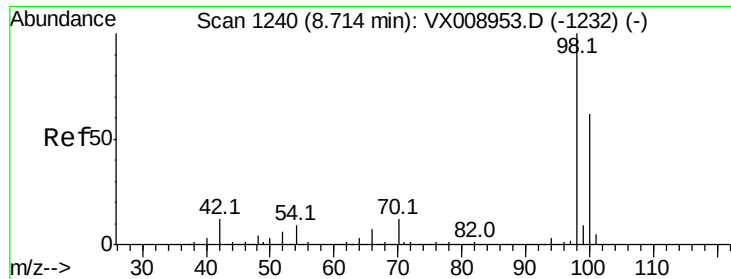
95 75.6 0.0 203.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

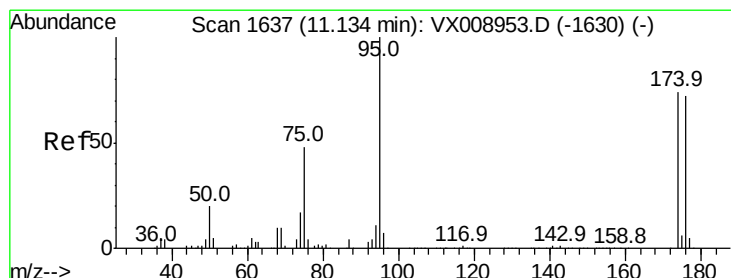
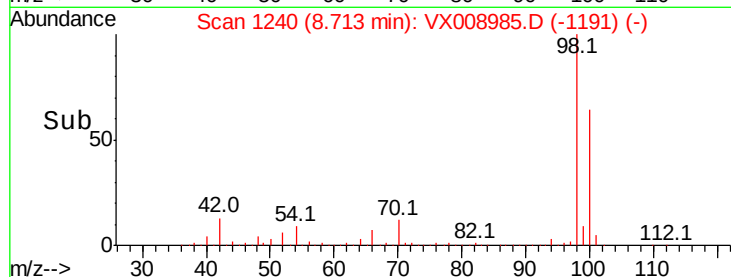
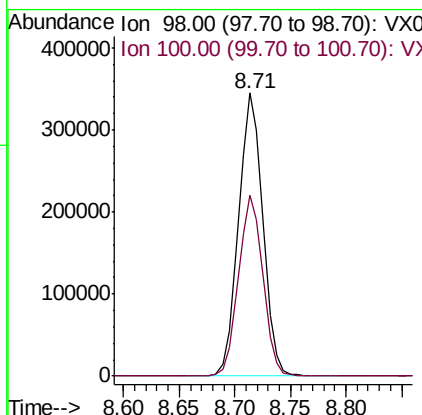
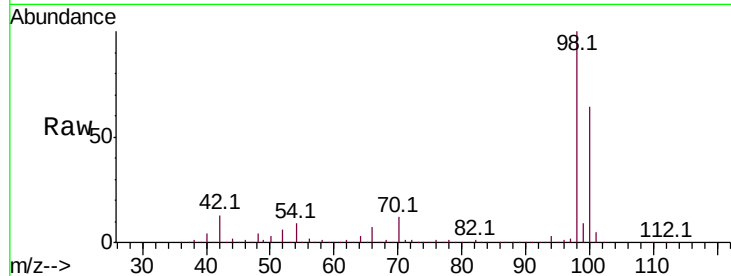




#50
Toluene-d8
Concen: 48.930 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008985.D
Acq: 16 Apr 2019 14:18

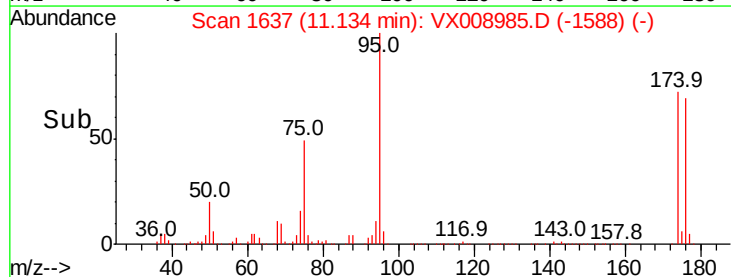
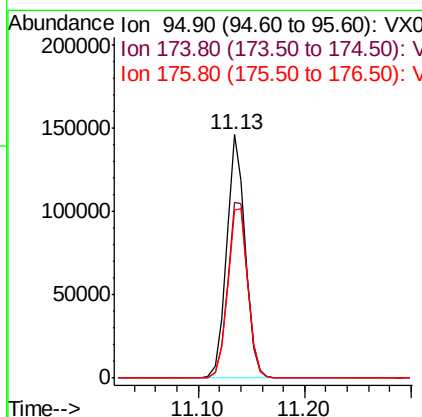
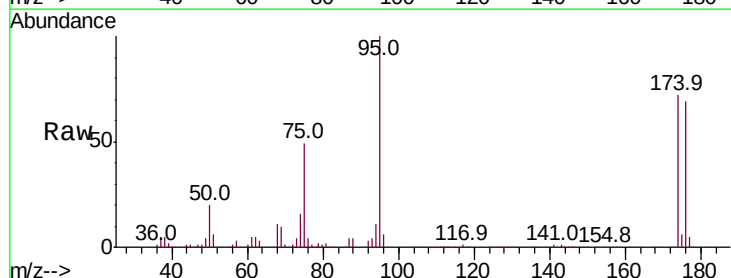
Instrument :
MSVOA_X
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KY062MW145-190410

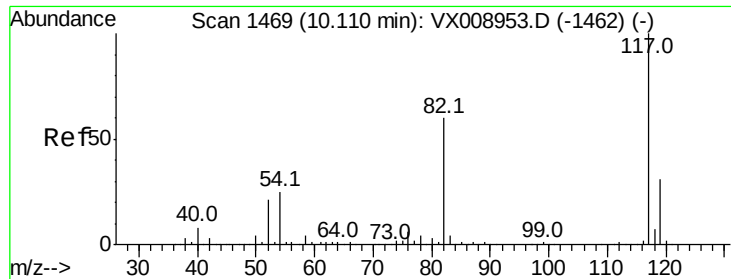
Tot Ion: 98 Resp: 520619
Ion Ratio Lower Upper
98 100
100 64.2 51.4 77.2



#62
4-Bromofluorobenzene
Concen: 47.405 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008985.D
Acq: 16 Apr 2019 14:18

Tgt Ion: 95 Resp: 178051
Ion Ratio Lower Upper
95 100
174 78.4 0.0 159.6
176 75.4 0.0 154.8

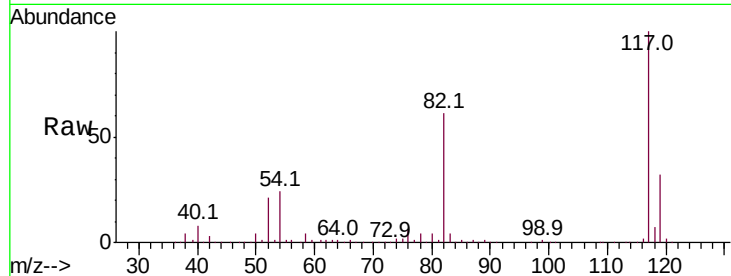




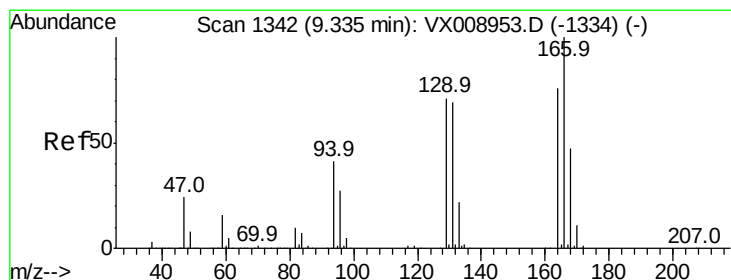
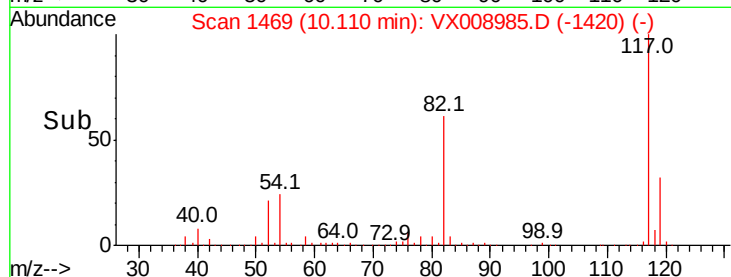
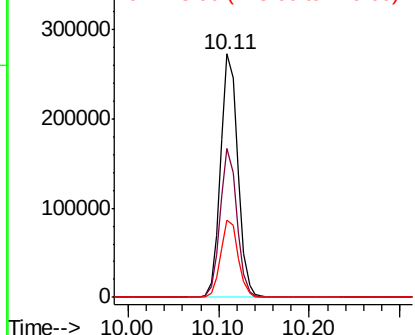
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008985.D
Acq: 16 Apr 2019 14:18

Instrument :
MSVOA_X
ClientSampleId :
KY062MW145-190410

Tot Ion:117 Resp: 363833
Ion Ratio Lower Upper
117 100
82 61.0 48.2 72.4
119 32.0 25.0 37.6

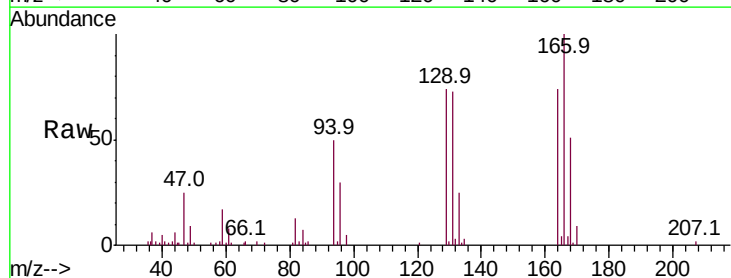


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

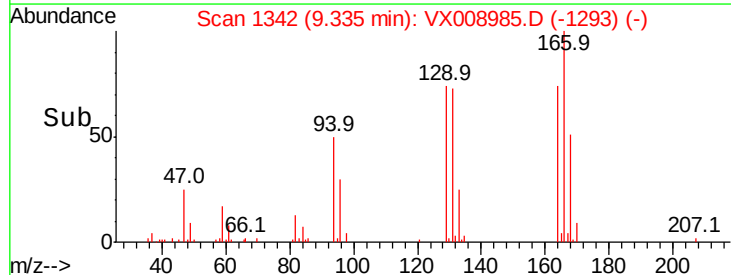
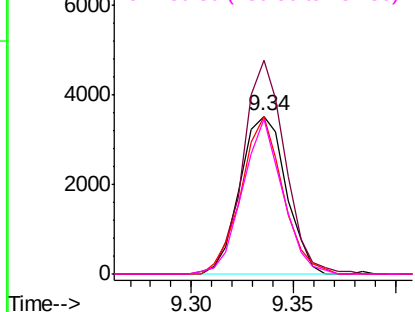


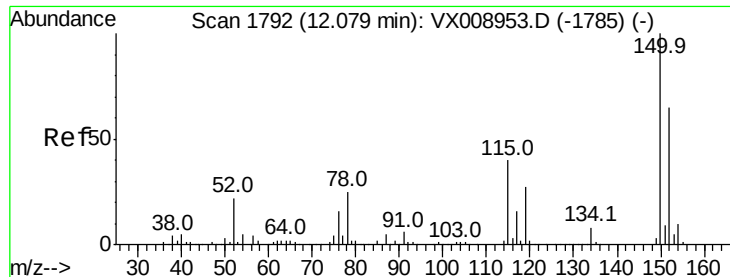
#64
Tetrachloroethene
Concen: 1.995 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008985.D
Acq: 16 Apr 2019 14:18

Tgt Ion:164 Resp: 5513
Ion Ratio Lower Upper
164 100
166 135.6 105.0 157.4
129 99.8 74.2 111.4
131 98.6 72.2 108.2



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



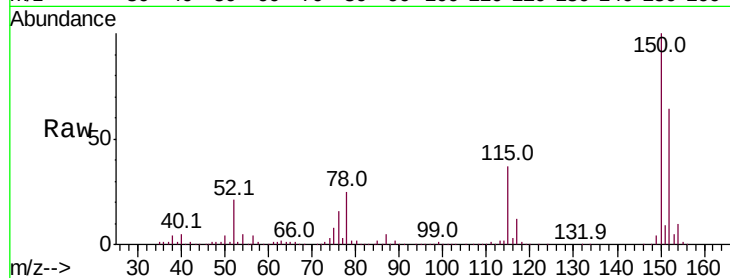


#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX008985.D
 Acq: 16 Apr 2019 14:18

Instrument :
 MSVOA_X
 ClientSampleId :
 KY062MW145-190410

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.6	41.4	124.2
150	157.1	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

