

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041719\
 Data File : VX009007.D
 Acq On : 17 Apr 2019 12:17
 Operator : JC/SP
 Sample : K2425-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY038PS027-190415

Quant Time: Apr 18 01:53:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

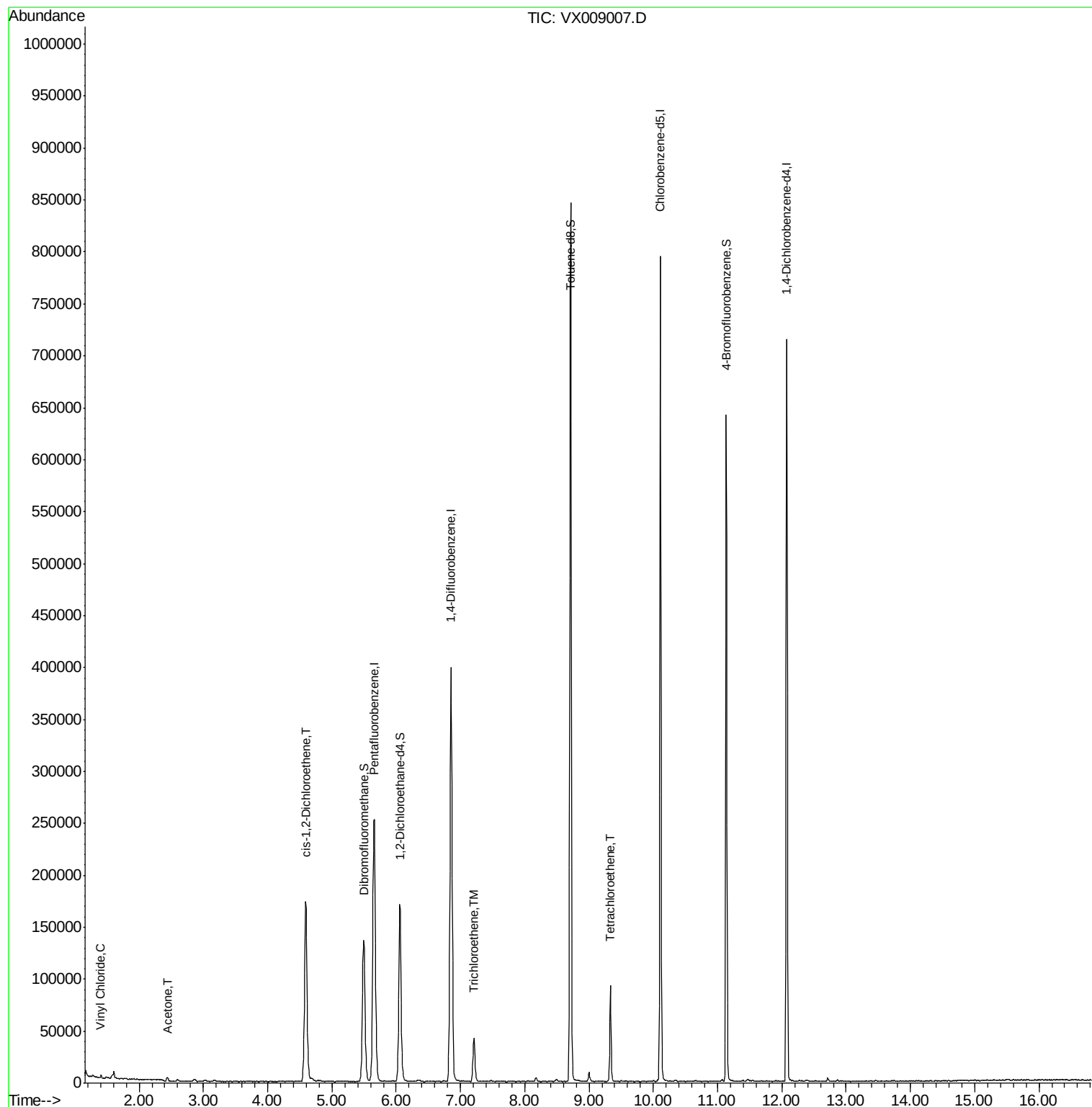
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	247850	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	390620	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	338658	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	144984	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	159168	45.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.14%	
35) Dibromofluoromethane	5.49	113	117625	46.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.84%	
50) Toluene-d8	8.71	98	486180	48.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.26%	
62) 4-Bromofluorobenzene	11.13	95	162750	46.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.24%	
Target Compounds						
4) Vinyl Chloride	1.41	62	2274	0.667	ug/l	99
16) Acetone	2.44	43	4198	2.318	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	109498	34.019	ug/l	90
44) Trichloroethene	7.21	130	16303	5.583	ug/l	96
64) Tetrachloroethene	9.34	164	18477	7.182	ug/l	98

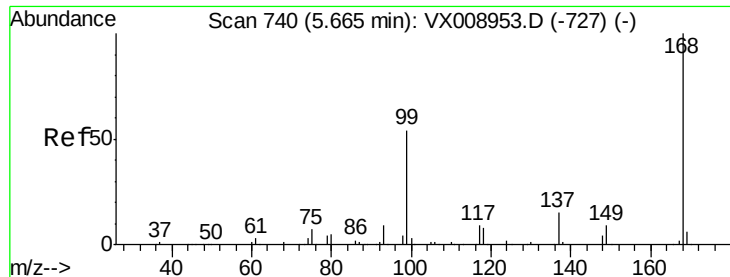
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:47:58 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009007.D

Acq: 17 Apr 2019 12:17

Instrument :

MSVOA_X

ClientSampleId :

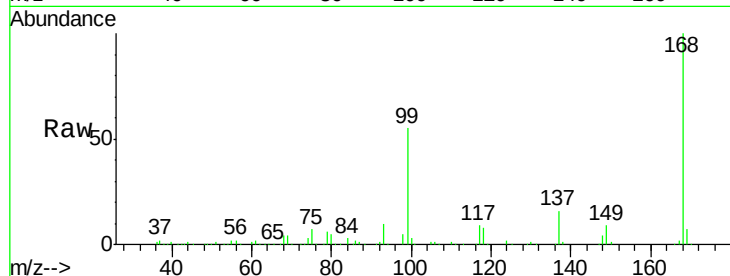
KY038PS027-190415

Tot Ion:168 Resp: 247850

Ion Ratio Lower Upper

168 100

99 55.4 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

80000

60000

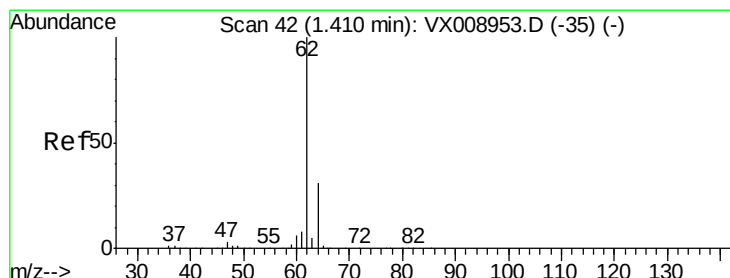
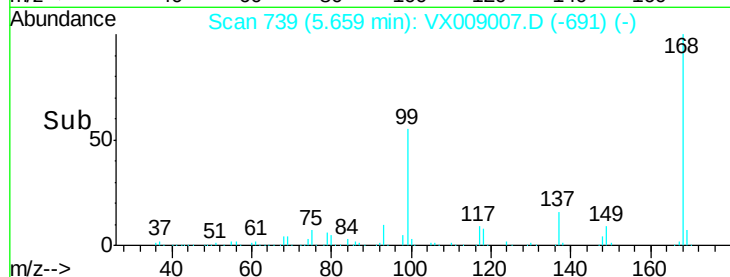
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 0.667 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009007.D

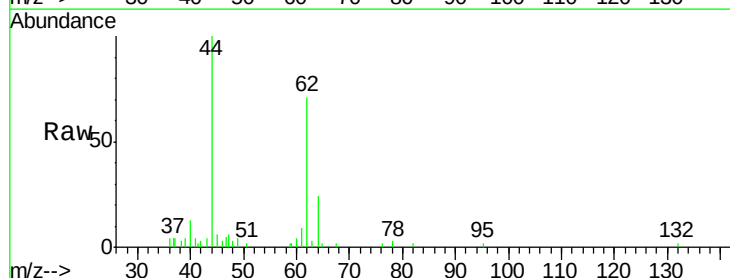
Acq: 17 Apr 2019 12:17

Tgt Ion: 62 Resp: 2274

Ion Ratio Lower Upper

62 100

64 30.4 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

2000

1500

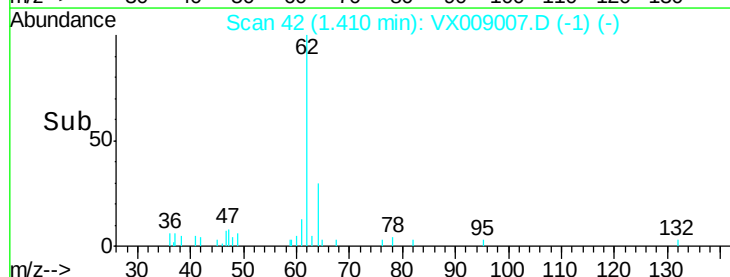
1000

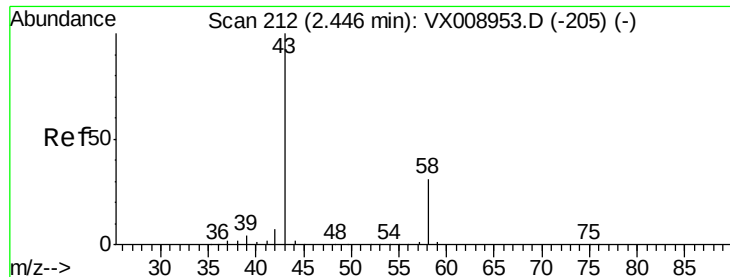
500

0

Time-->

1.35 1.40 1.45





#16

Acetone

Concen: 2.318 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009007.D

Acq: 17 Apr 2019 12:17

Instrument :

MSVOA_X

ClientSampleId :

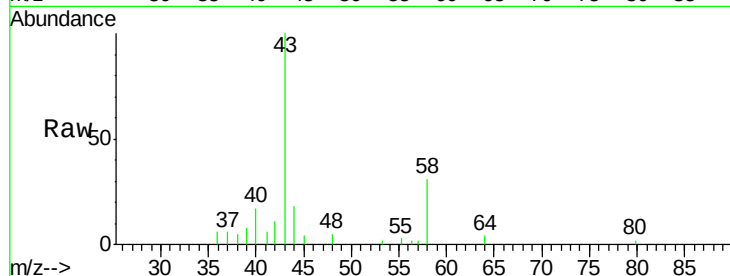
KY038PS027-190415

Tot Ion: 43 Resp: 4198

Ion Ratio Lower Upper

43 100

58 31.2 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

2500

2000

1500

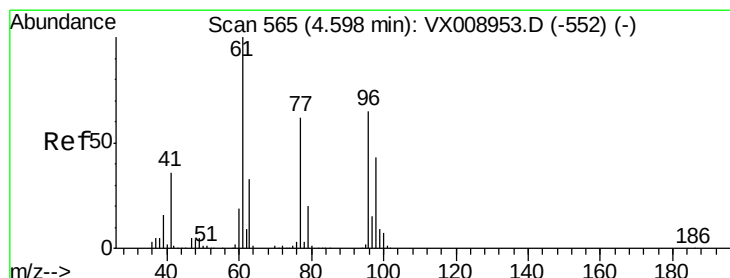
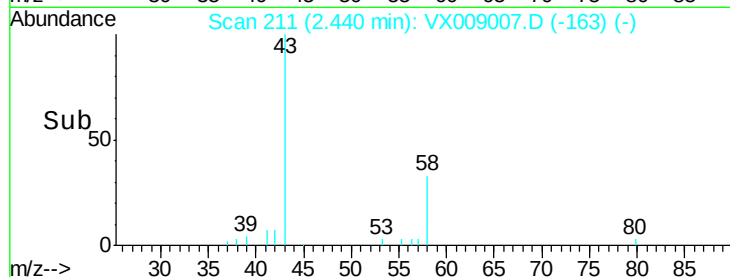
1000

500

0

Time-->

2.35 2.40 2.45 2.50



#27

cis-1,2-Dichloroethene

Concen: 34.019 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.01 min

Lab File: VX009007.D

Acq: 17 Apr 2019 12:17

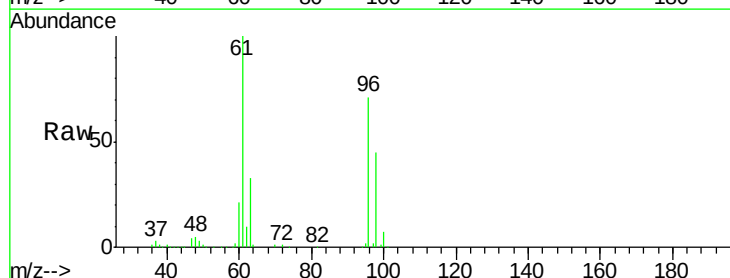
Tgt Ion: 96 Resp: 109498

Ion Ratio Lower Upper

96 100

61 142.9 0.0 322.0

98 63.6 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

4.59

60000

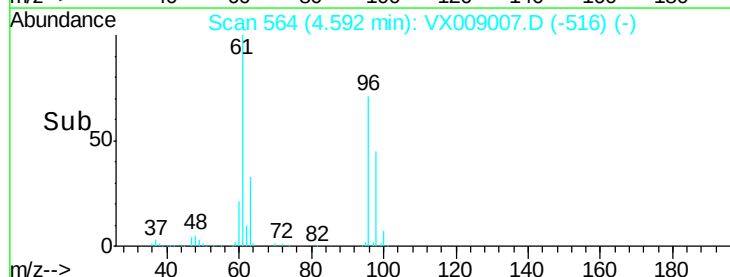
40000

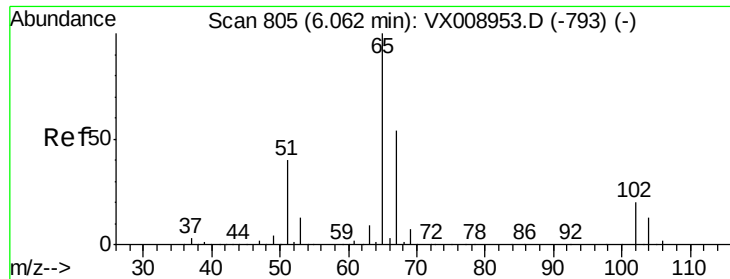
20000

0

Time-->

4.50 4.60 4.70

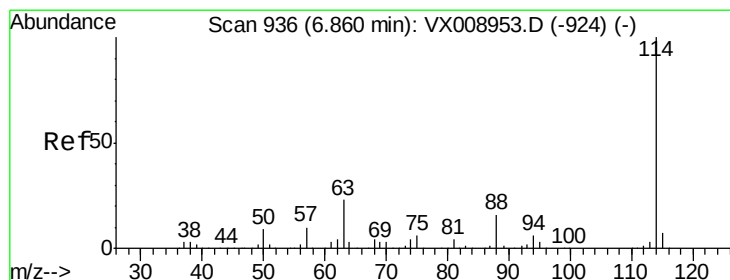
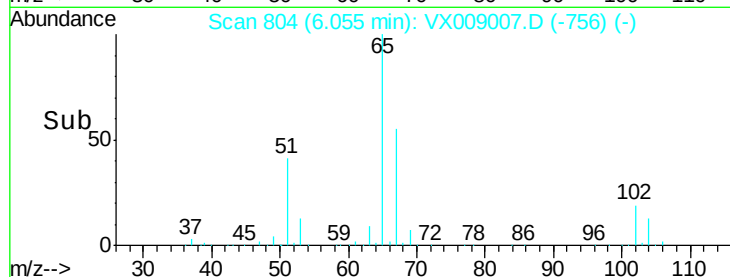
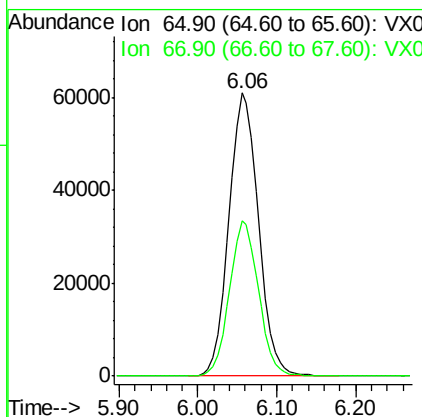
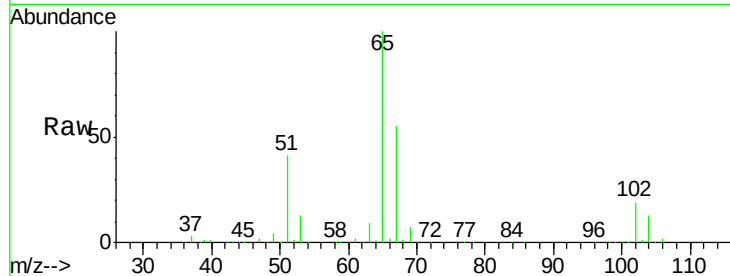




#33
 1,2-Dichloroethane-d4
 Concen: 45.569 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX009007.D
 Acq: 17 Apr 2019 12:17

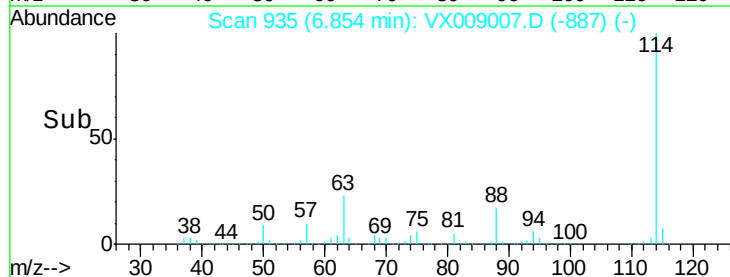
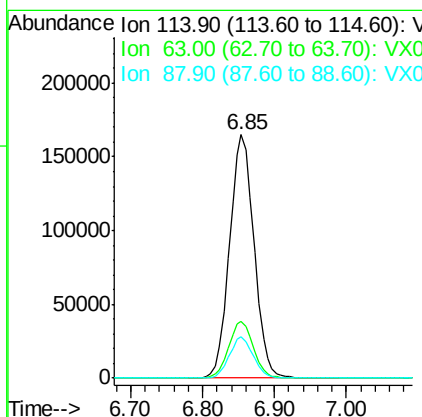
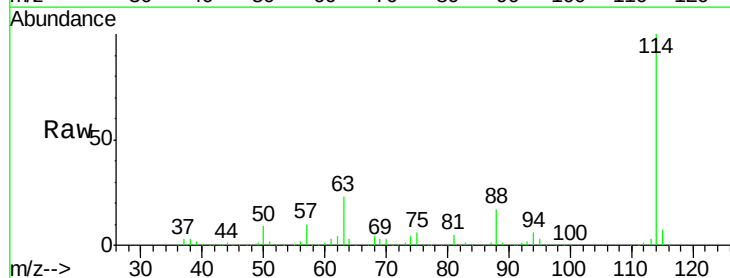
Instrument :
 MSVOA_X
 ClientSampleId :
 KY038PS027-190415

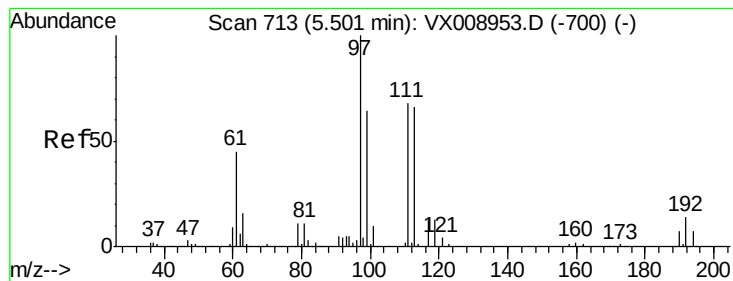
Tot Ion: 65 Resp: 159168
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX009007.D
 Acq: 17 Apr 2019 12:17

Tgt Ion: 114 Resp: 390620
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 46.0
 88 16.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 46.920 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX009007.D

Acq: 17 Apr 2019 12:17

Instrument :

MSVOA_X

ClientSampleId :

KY038PS027-190415

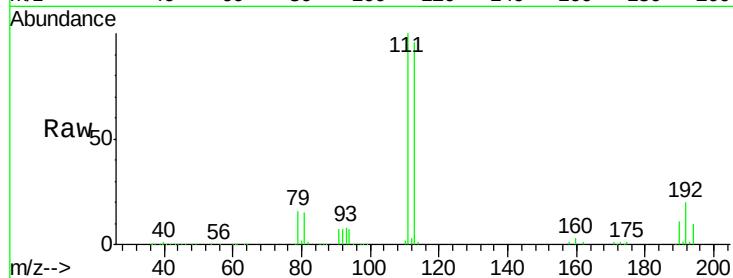
Tot Ion:113 Resp: 117625

Ion Ratio Lower Upper

113 100

111 103.0 82.9 124.3

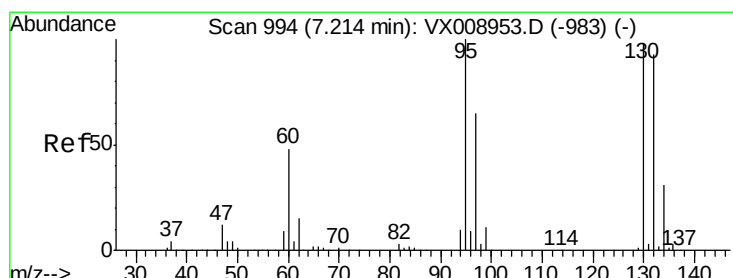
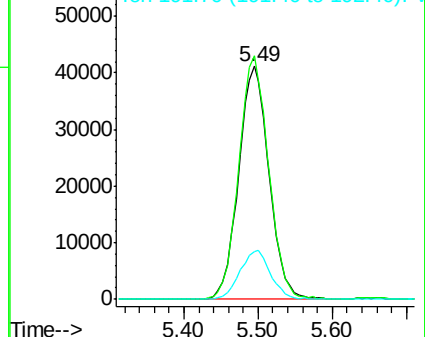
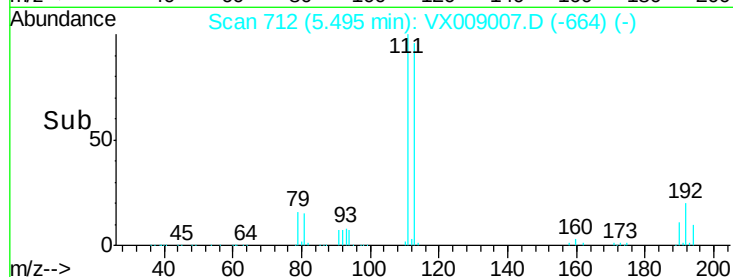
192 21.1 17.4 26.0



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: 5.583 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX009007.D

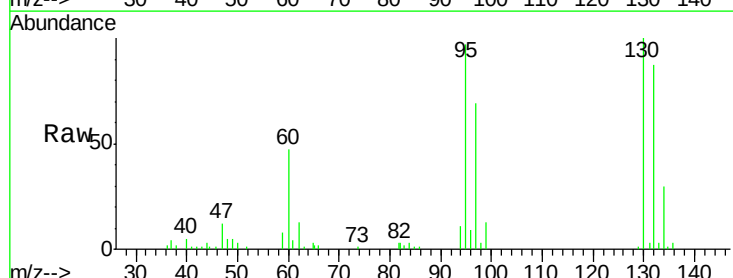
Acq: 17 Apr 2019 12:17

Tgt Ion:130 Resp: 16303

Ion Ratio Lower Upper

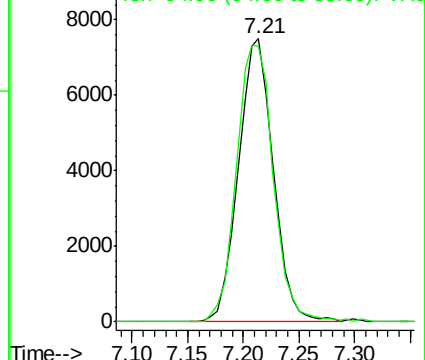
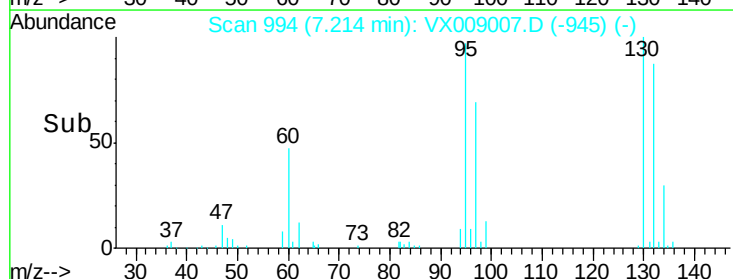
130 100

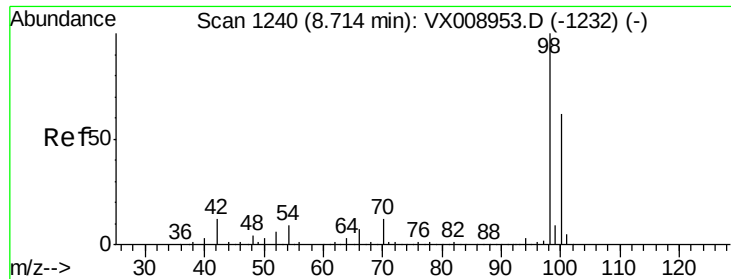
95 97.5 0.0 203.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 48.629 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009007.D

Acq: 17 Apr 2019 12:17

Instrument :

MSVOA_X

ClientSampleId :

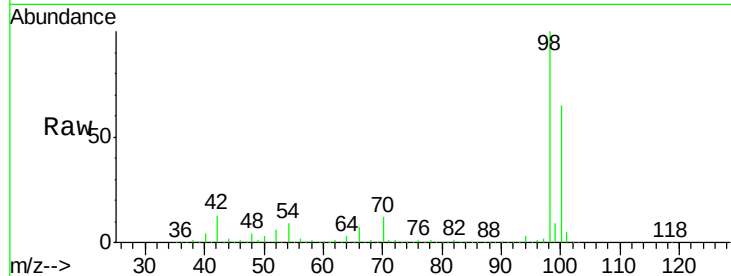
KY038PS027-190415

Tot Ion: 98 Resp: 486180

Ion Ratio Lower Upper

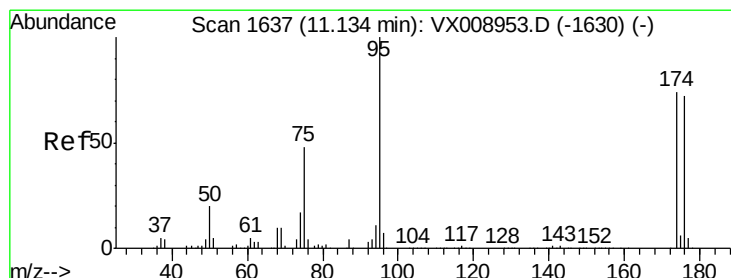
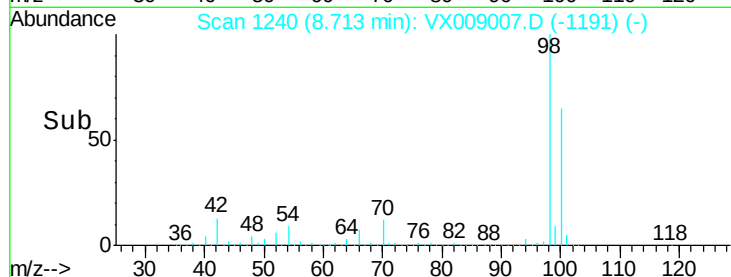
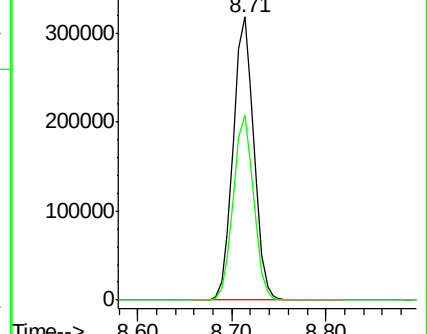
98 100

100 64.5 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 46.115 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009007.D

Acq: 17 Apr 2019 12:17

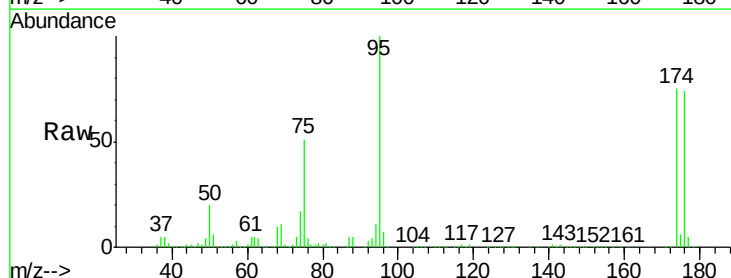
Tgt Ion: 95 Resp: 162750

Ion Ratio Lower Upper

95 100

174 79.6 0.0 159.6

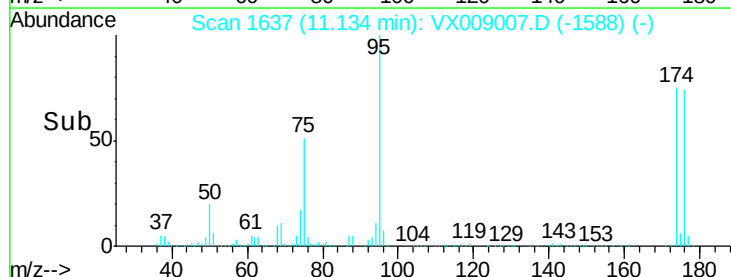
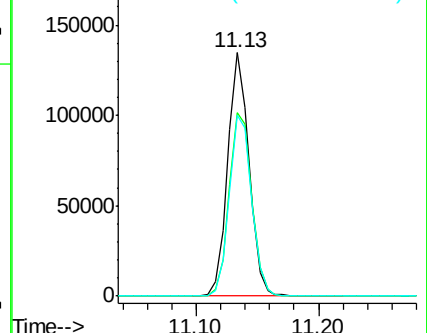
176 77.4 0.0 154.8

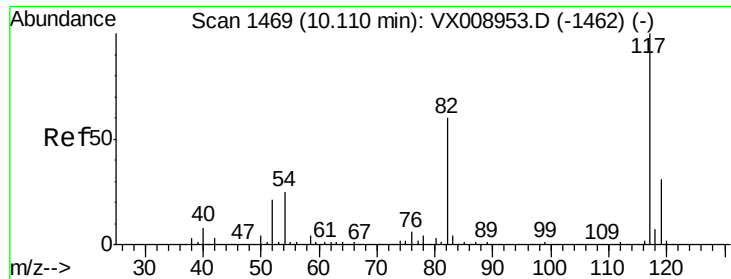


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

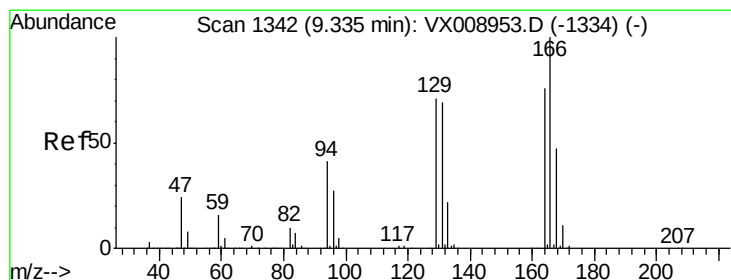
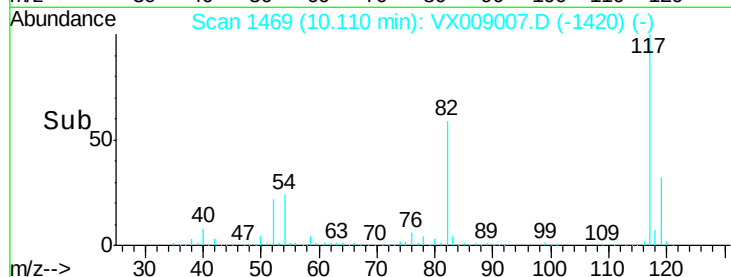
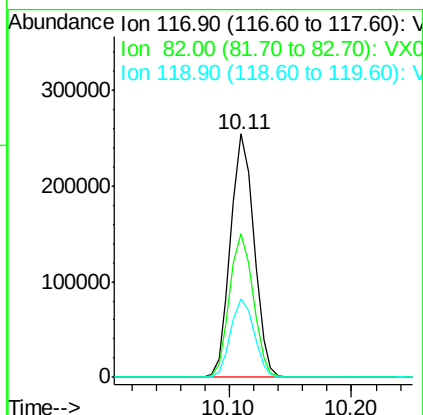
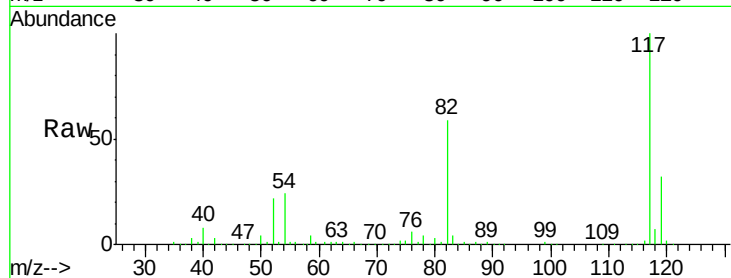




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009007.D
Acq: 17 Apr 2019 12:17

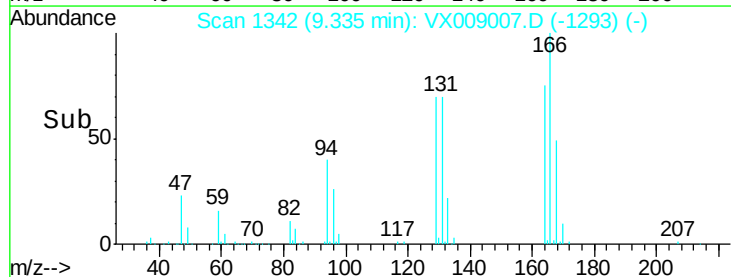
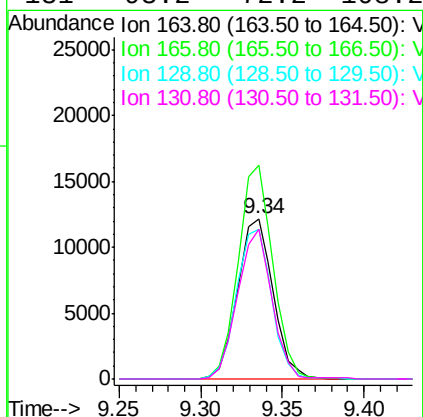
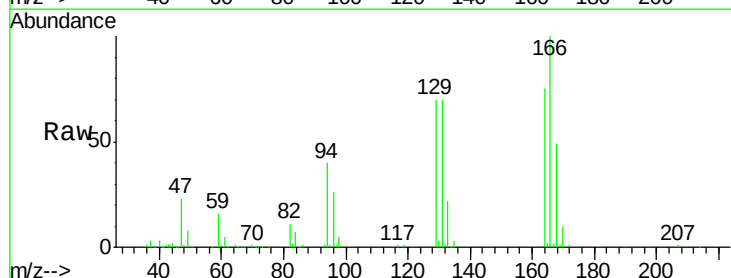
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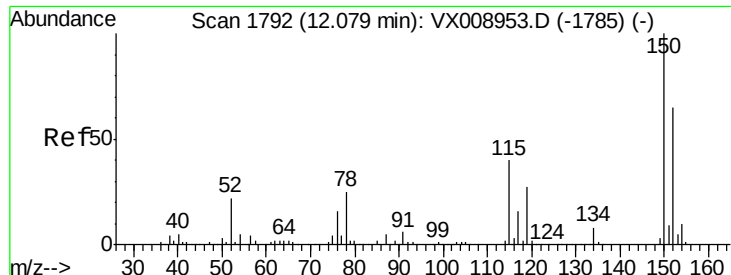
Tot Ion:117 Resp: 338658
Ion Ratio Lower Upper
117 100
82 59.2 48.2 72.4
119 32.1 25.0 37.6



#64
Tetrachloroethene
Concen: 7.182 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009007.D
Acq: 17 Apr 2019 12:17

Tgt Ion:164 Resp: 18477
Ion Ratio Lower Upper
164 100
166 133.4 105.0 157.4
129 93.7 74.2 111.4
131 93.2 72.2 108.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009007.D

Acq: 17 Apr 2019 12:17

Instrument :

MSVOA_X

ClientSampleId :

KY038PS027-190415

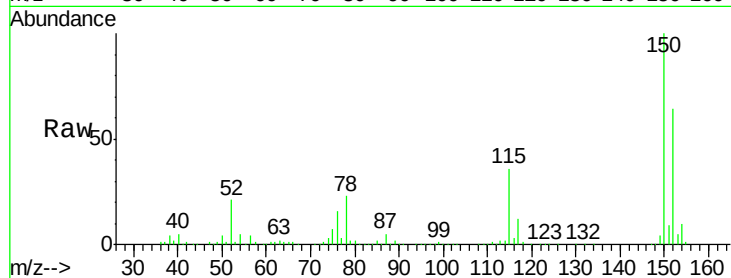
Tot Ion:152 Resp: 144984

Ion Ratio Lower Upper

152 100

115 59.6 41.4 124.2

150 156.0 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

