

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081518\
 Data File : VX004082.D
 Acq On : 15 Aug 2018 19:34
 Operator : JC/MD
 Sample : J4473-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY038PS034-180813

Quant Time: Aug 16 16:56:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	257384	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	389595	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	370877	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	186404	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	187920	51.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.64%	
35) Dibromofluoromethane	5.51	113	157885	54.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.30%	
50) Toluene-d8	8.72	98	560923	47.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.90%	
62) 4-Bromofluorobenzene	11.14	95	184871	43.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.24%	

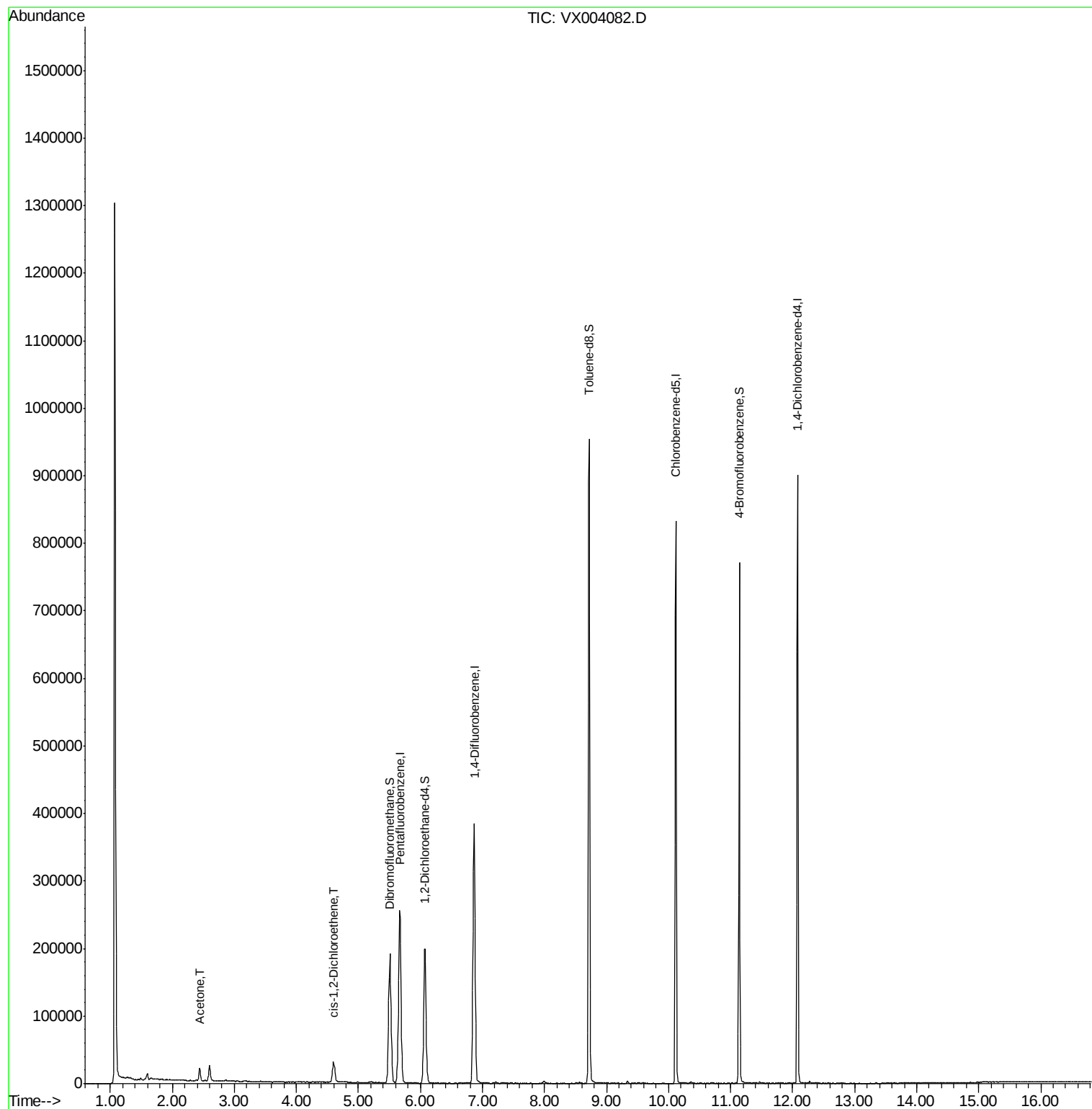
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.44	43	20695	10.98	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	19569	5.66	ug/l	95

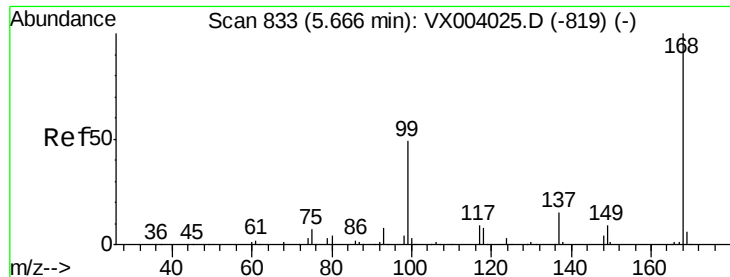
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX004082.D

Acq: 15 Aug 2018 19:34

Instrument :

MSVOA_X

ClientSampleId :

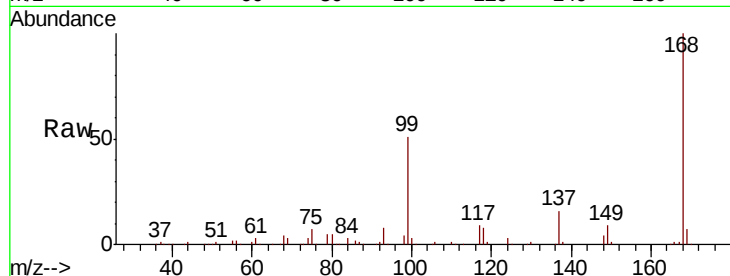
KY038PS034-180813

Tot Ion:168 Resp: 257384

Ion Ratio Lower Upper

168 100

99 50.9 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

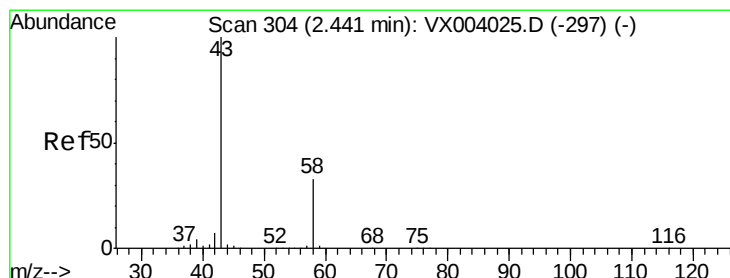
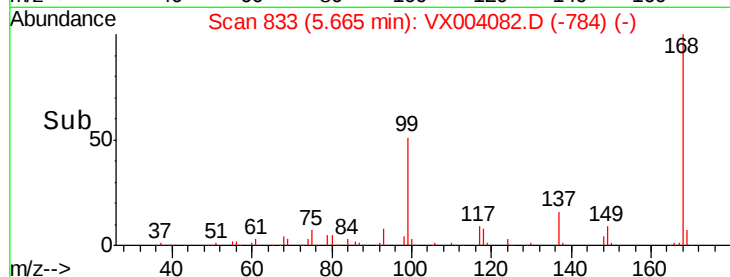
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 10.98 ug/l

RT: 2.44 min Scan# 304

Delta R.T. -0.00 min

Lab File: VX004082.D

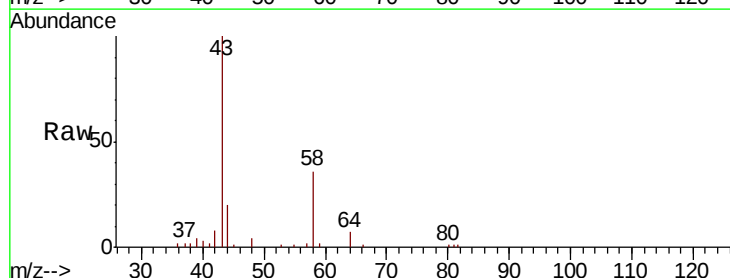
Acq: 15 Aug 2018 19:34

Tgt Ion: 43 Resp: 20695

Ion Ratio Lower Upper

43 100

58 36.0 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

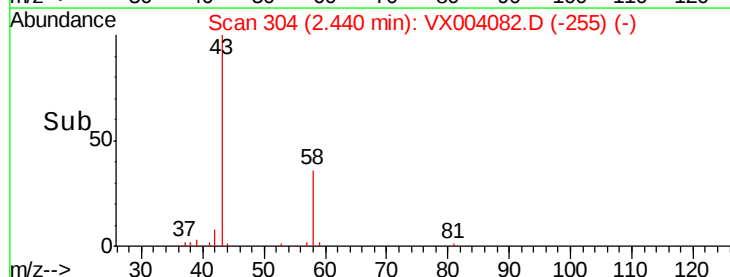
2.44

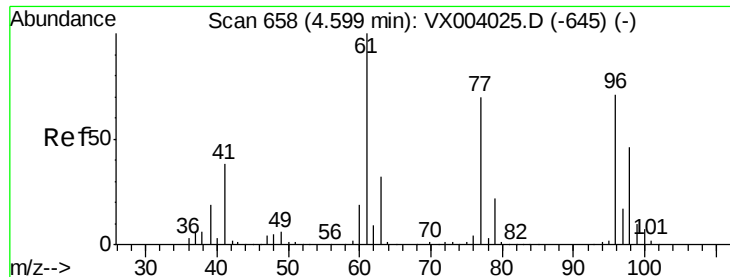
10000

5000

0

Time--> 2.35 2.40 2.45 2.50 2.55





#27

cis-1,2-Dichloroethene

Concen: 5.66 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX004082.D

Acq: 15 Aug 2018 19:34

Instrument :

MSVOA_X

ClientSampleId :

KY038PS034-180813

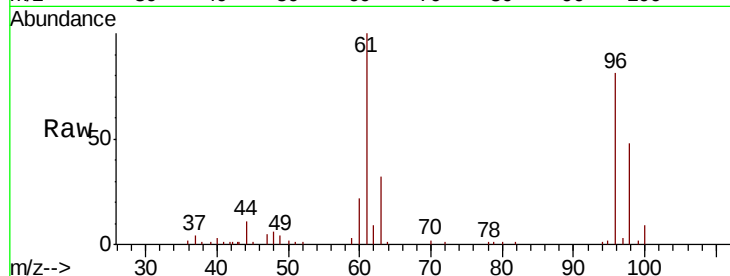
Tot Ion: 96 Resp: 19569

Ion Ratio Lower Upper

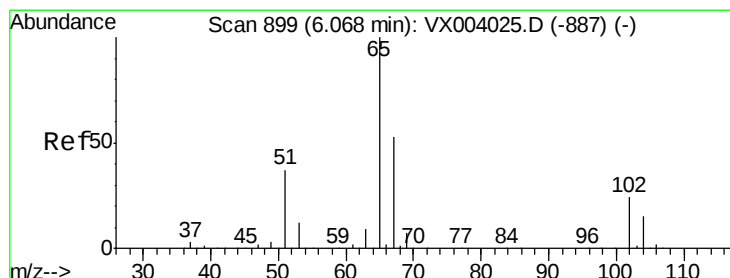
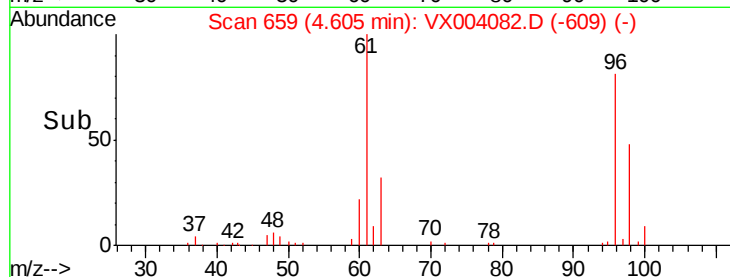
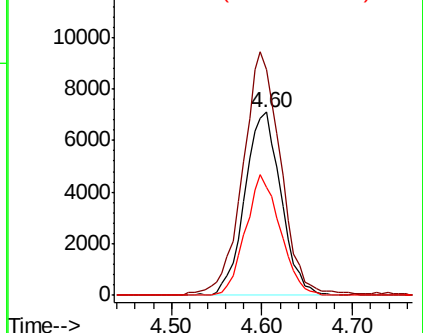
96 100

61 139.8 0.0 293.0

98 63.2 0.0 131.8



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



#33

1,2-Dichloroethane-d4

Concen: 51.82 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.00 min

Lab File: VX004082.D

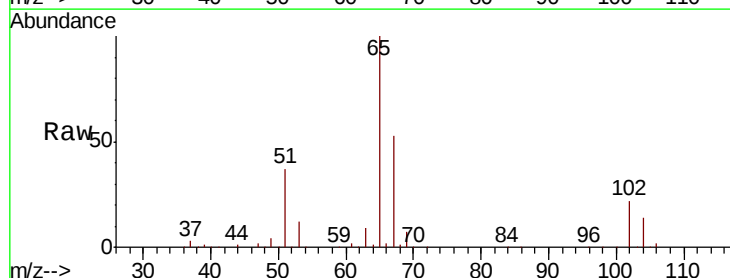
Acq: 15 Aug 2018 19:34

Tgt Ion: 65 Resp: 187920

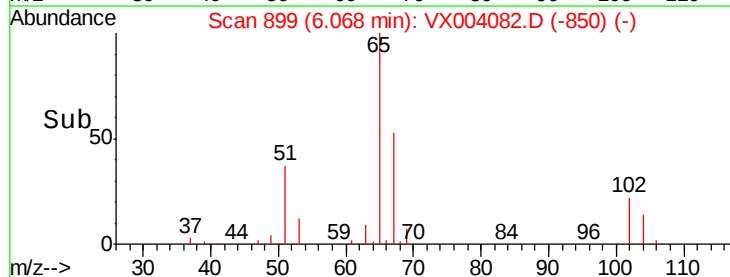
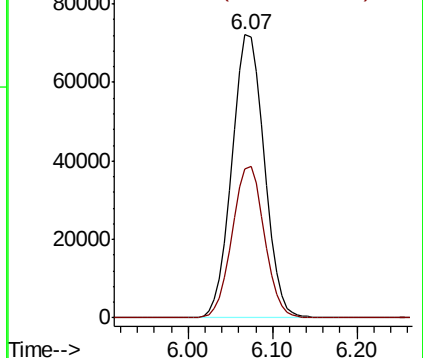
Ion Ratio Lower Upper

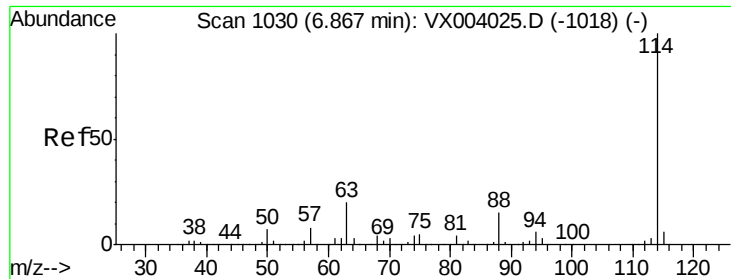
65 100

67 53.2 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

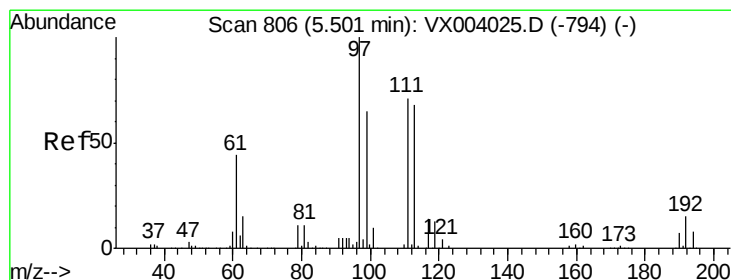
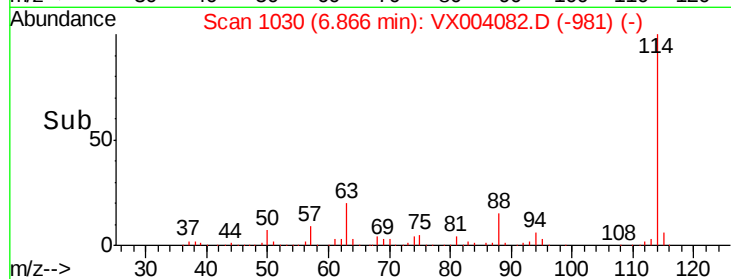
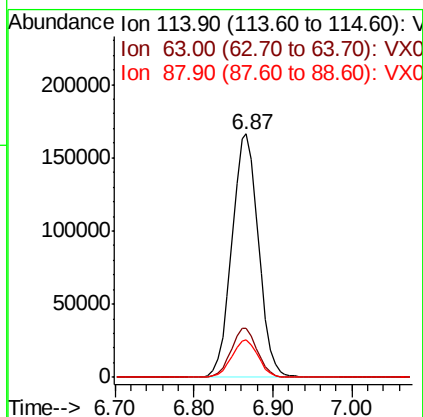
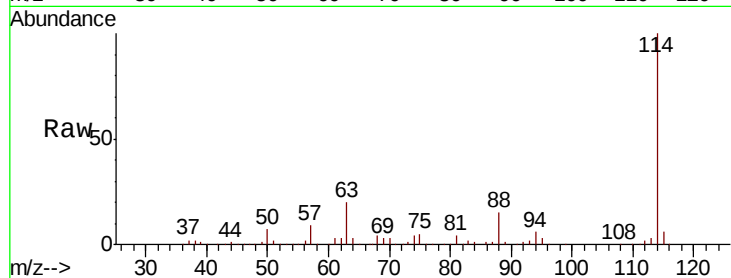




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX004082.D
 Acq: 15 Aug 2018 19:34

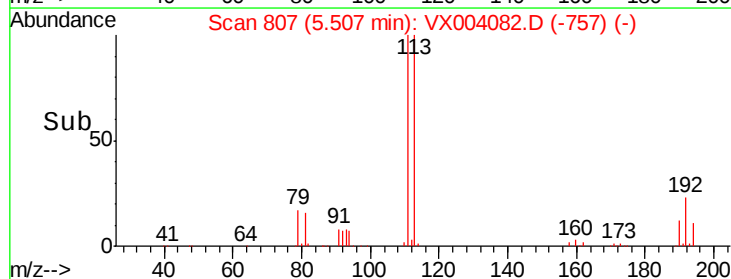
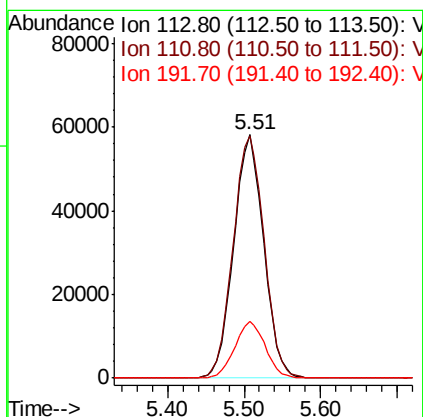
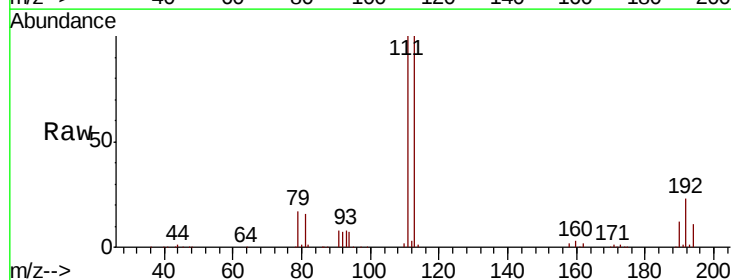
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 KY038PS034-180813

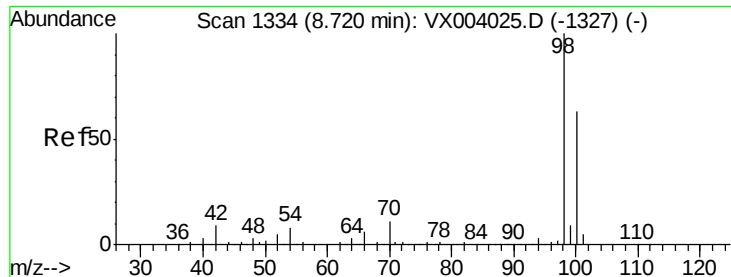
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	39.0
88	15.5	0.0	32.0



#35
 Dibromofluoromethane
 Concen: 54.15 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX004082.D
 Acq: 15 Aug 2018 19:34

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.0	123.0
192	23.4	19.0	28.4





#50

Toluene-d8

Concen: 47.45 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX004082.D

Acq: 15 Aug 2018 19:34

Instrument :

MSVOA_X

ClientSampleId :

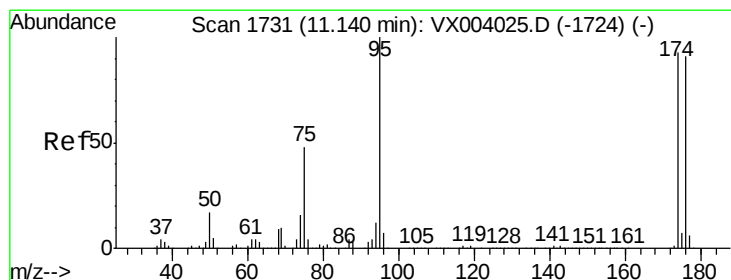
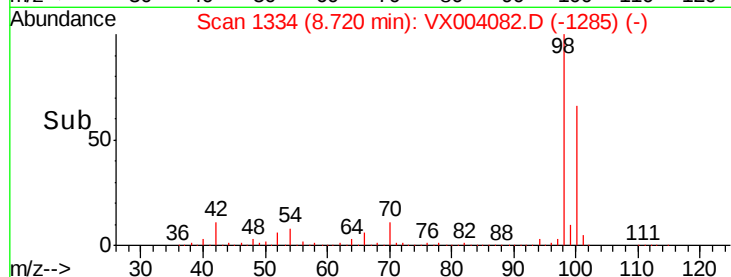
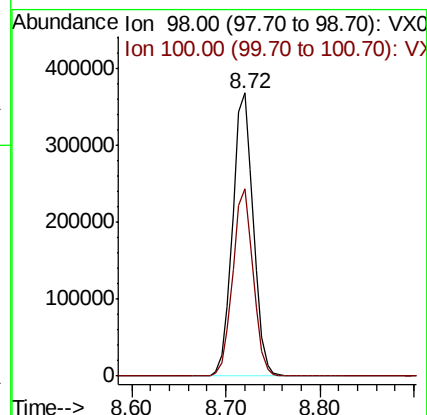
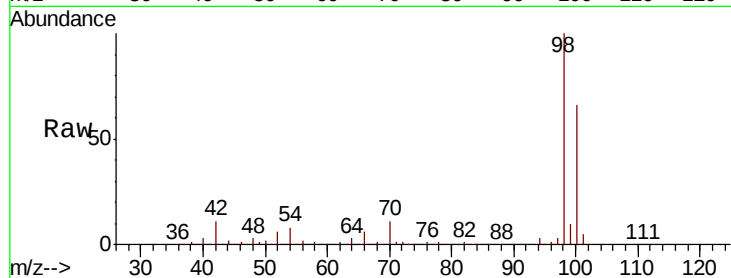
KY038PS034-180813

Tot Ion: 98 Resp: 560923

Ion Ratio Lower Upper

98 100

100 65.3 53.3 79.9



#62

4-Bromofluorobenzene

Concen: 43.12 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004082.D

Acq: 15 Aug 2018 19:34

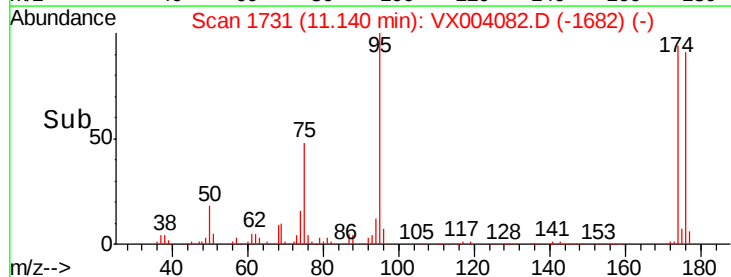
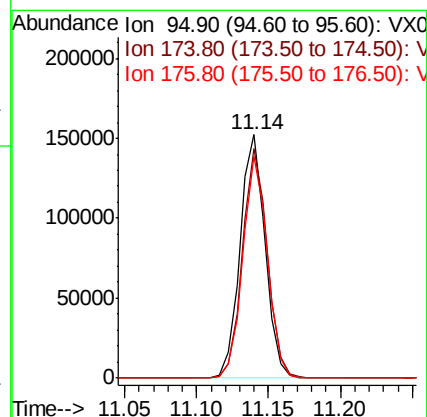
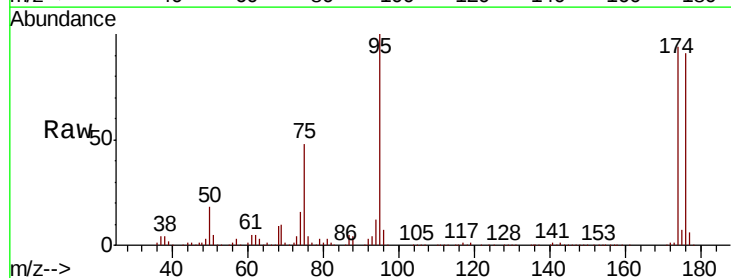
Tgt Ion: 95 Resp: 184871

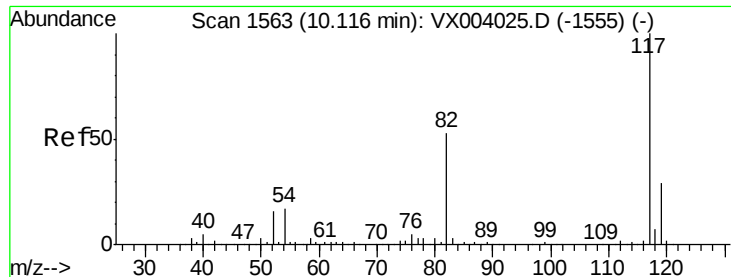
Ion Ratio Lower Upper

95 100

174 93.2 0.0 182.8

176 89.1 0.0 179.0





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX004082.D

Acq: 15 Aug 2018 19:34

Instrument :

MSVOA_X

ClientSampleId :

KY038PS034-180813

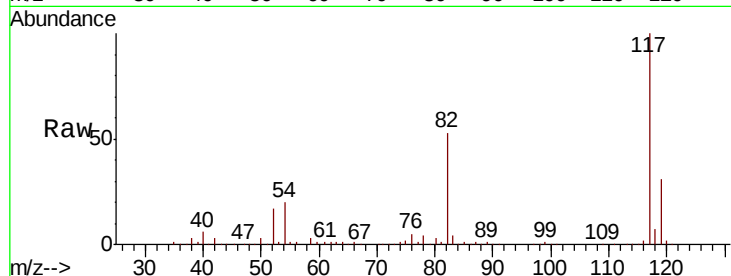
Tot Ion:117 Resp: 370877

Ion Ratio Lower Upper

117 100

82 52.7 45.4 68.0

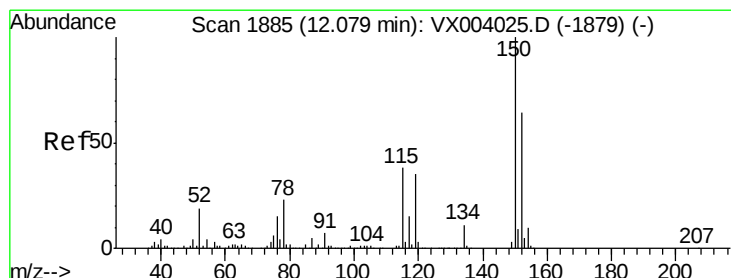
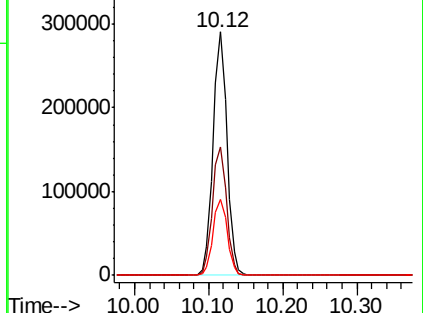
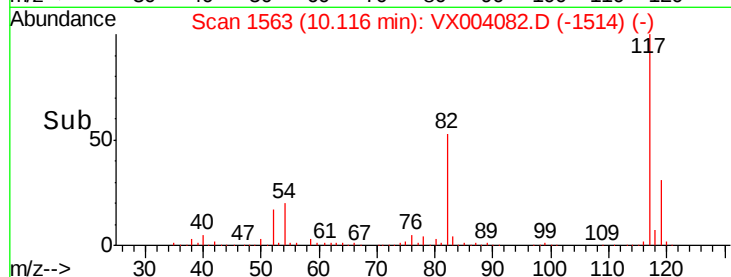
119 31.4 26.6 40.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX004082.D

Acq: 15 Aug 2018 19:34

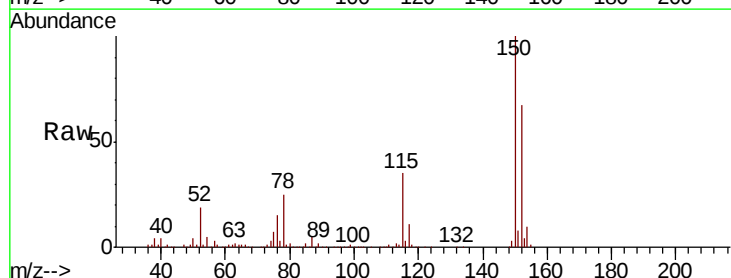
Tgt Ion:152 Resp: 186404

Ion Ratio Lower Upper

152 100

115 55.0 39.1 117.3

150 158.1 0.0 349.2



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

