

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081518\
 Data File : VX004081.D
 Acq On : 15 Aug 2018 19:07
 Operator : JC/MD
 Sample : J4473-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY038PS033-180813

Quant Time: Aug 16 16:55:49 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	255658	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	389526	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	361098	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	187156	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	184519	51.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.46%	
35) Dibromofluoromethane	5.51	113	155064	53.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.38%	
50) Toluene-d8	8.72	98	557257	47.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.30%	
62) 4-Bromofluorobenzene	11.14	95	187202	43.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.34%	

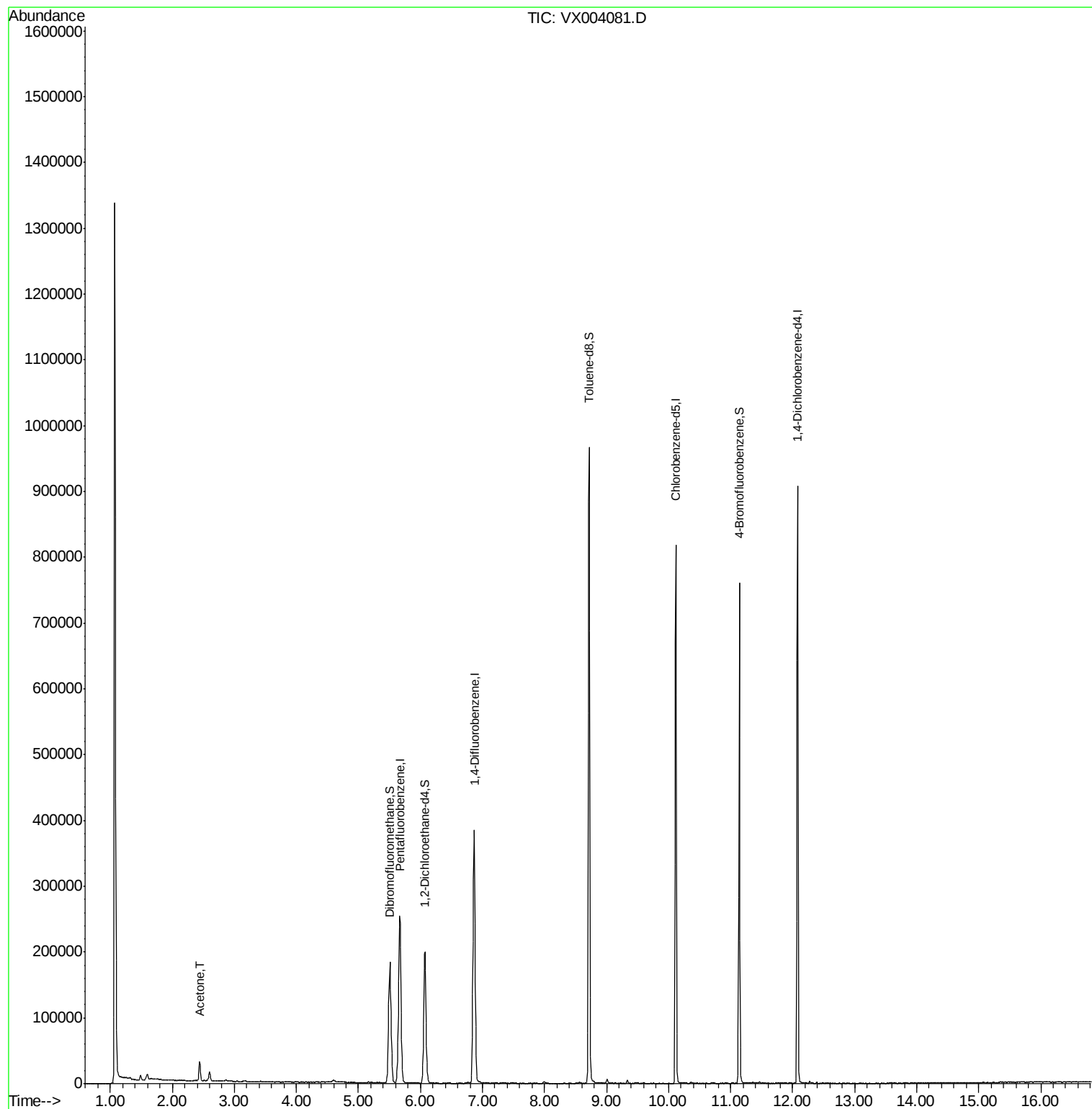
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.44	43	33158	17.70	ug/l	98

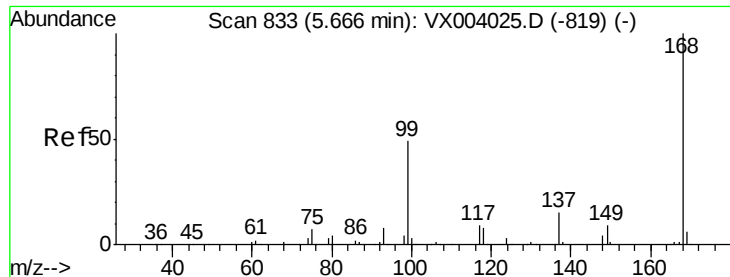
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX004081.D

Acq: 15 Aug 2018 19:07

Instrument :

MSVOA_X

ClientSampleId :

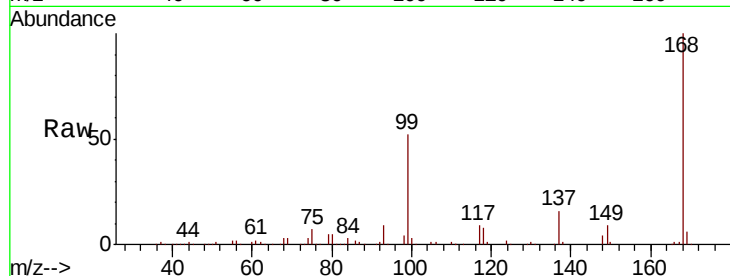
KY038PS033-180813

Tot Ion:168 Resp: 255658

Ion Ratio Lower Upper

168 100

99 51.7 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

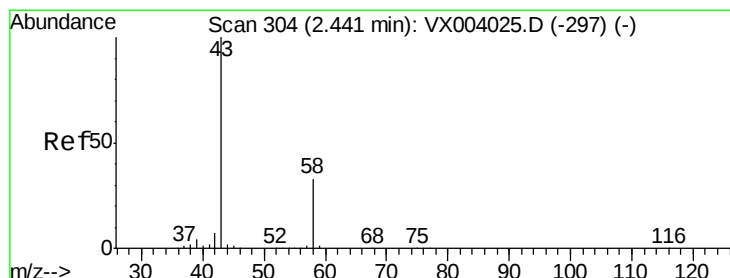
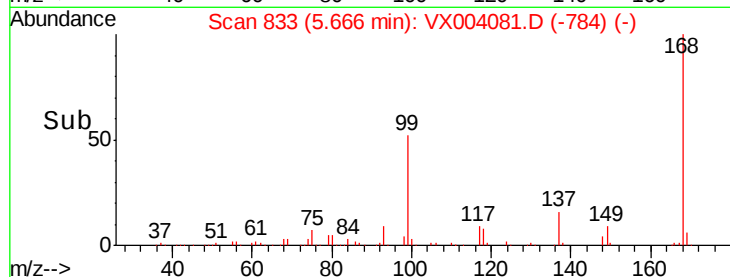
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 17.70 ug/l

RT: 2.44 min Scan# 304

Delta R.T. -0.00 min

Lab File: VX004081.D

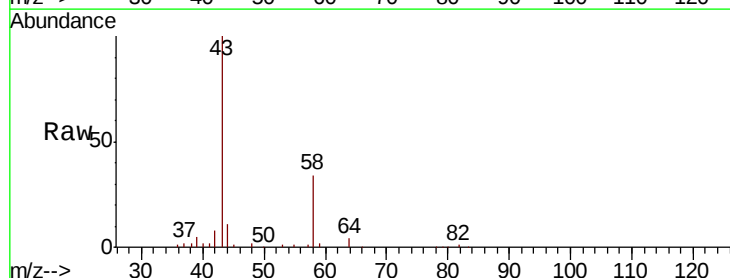
Acq: 15 Aug 2018 19:07

Tgt Ion: 43 Resp: 33158

Ion Ratio Lower Upper

43 100

58 33.9 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

20000

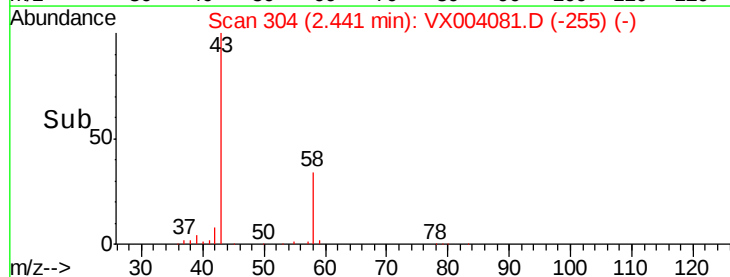
15000

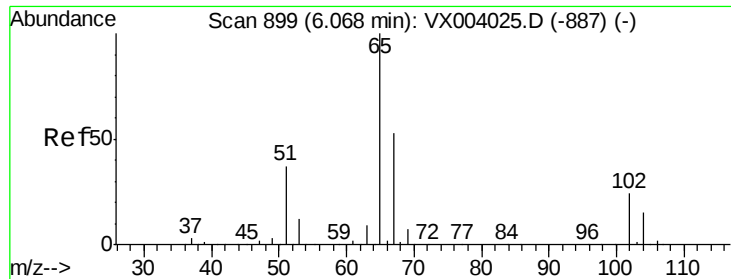
10000

5000

0

Time--> 2.40 2.50

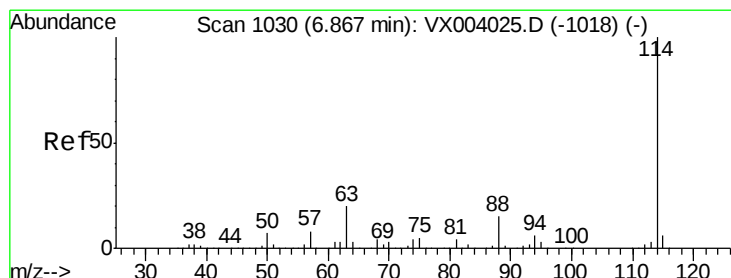
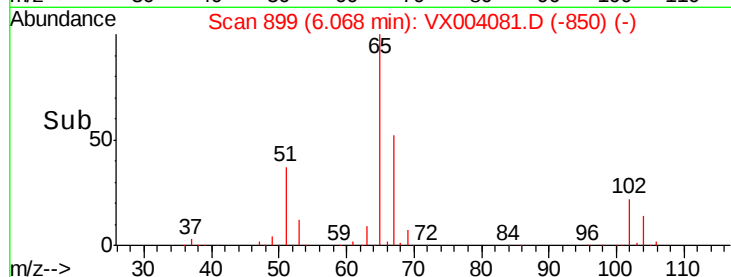
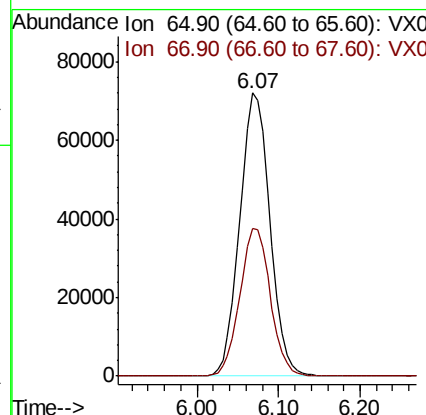
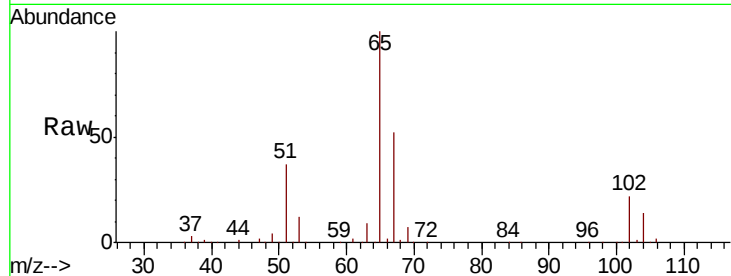




#33
 1,2-Dichloroethane-d4
 Concen: 51.23 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX004081.D
 Acq: 15 Aug 2018 19:07

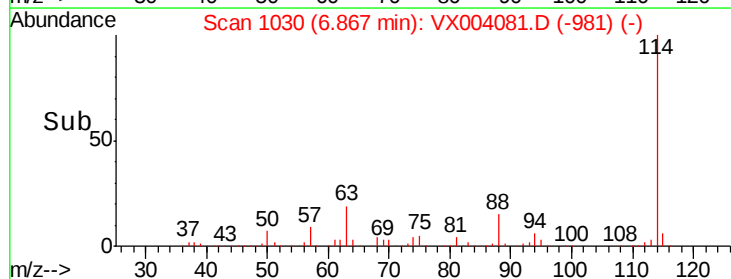
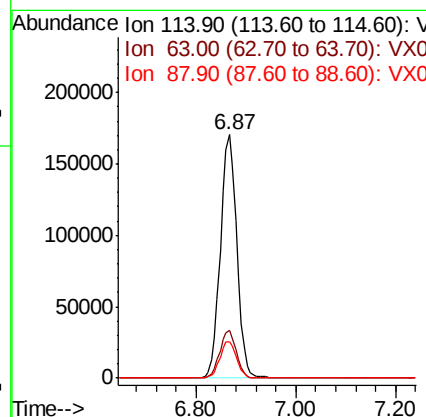
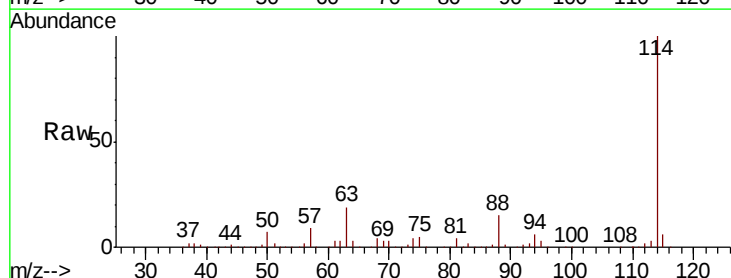
Instrument :
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 KY038PS033-180813

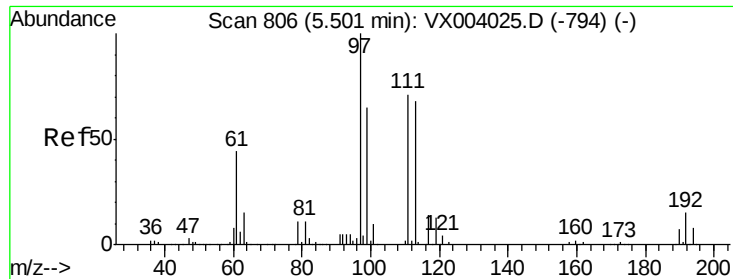
Tot Ion: 65 Resp: 184519
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX004081.D
 Acq: 15 Aug 2018 19:07

Tgt Ion: 114 Resp: 389526
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.0
 88 14.7 0.0 32.0

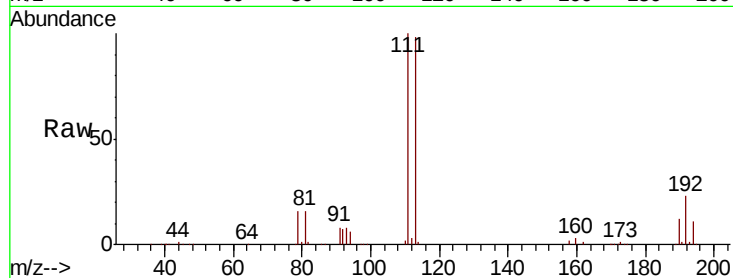




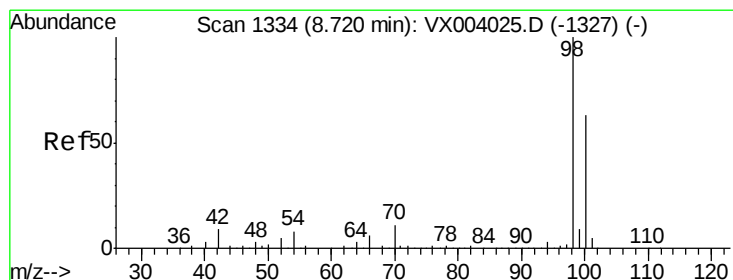
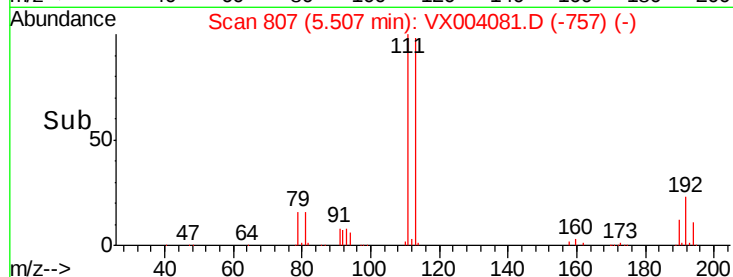
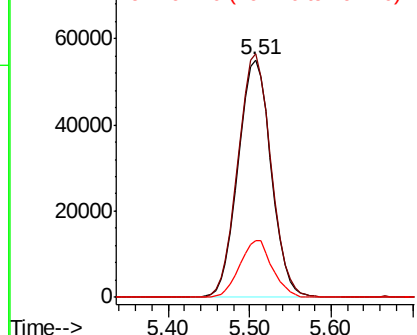
#35
Dibromofluoromethane
Concen: 53.19 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.01 min
Lab File: VX004081.D
Acq: 15 Aug 2018 19:07

Instrument :
MSVOA_X
ClientSampleId :
KY038PS033-180813

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.0	123.0
192	23.5	19.0	28.4

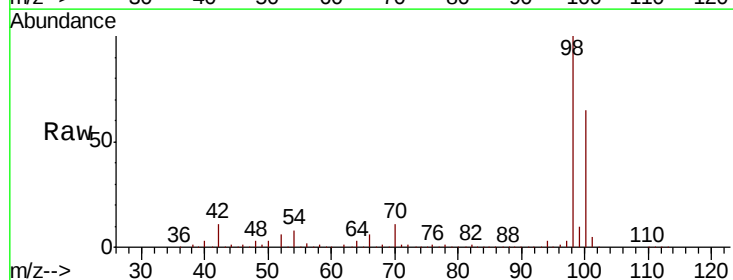


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

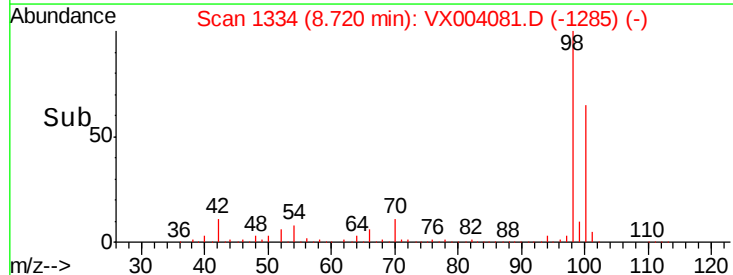
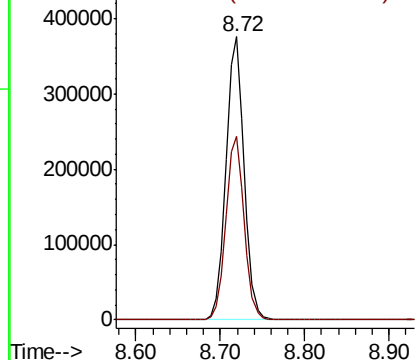


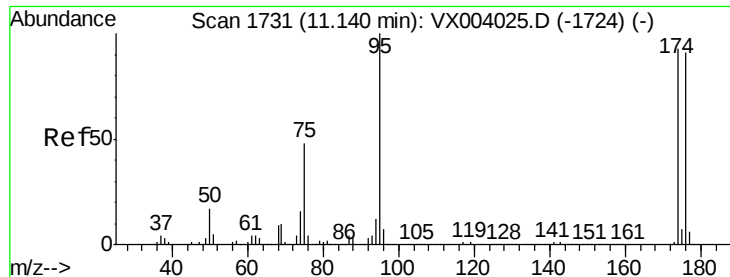
#50
Toluene-d8
Concen: 47.15 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX004081.D
Acq: 15 Aug 2018 19:07

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.3	53.3	79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 43.67 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004081.D

Acq: 15 Aug 2018 19:07

Instrument :

MSVOA_X

ClientSampleId :

KY038PS033-180813

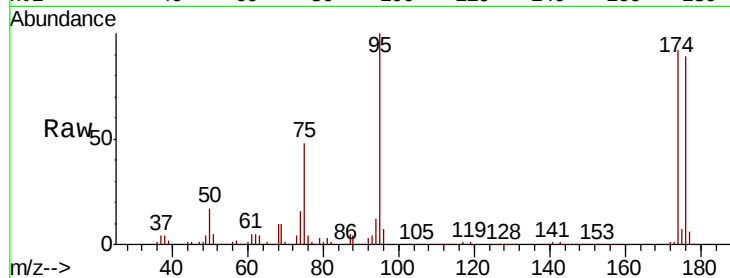
Tot Ion: 95 Resp: 187202

Ion Ratio Lower Upper

95 100

174 91.5 0.0 182.8

176 87.6 0.0 179.0



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

11.14

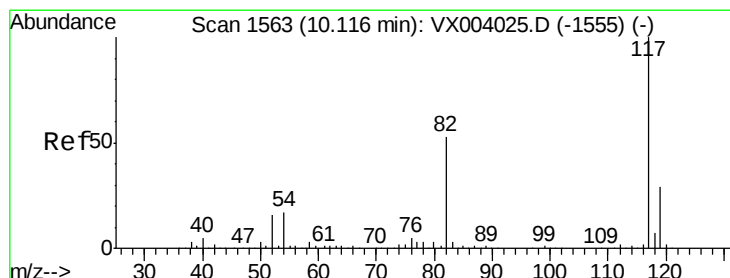
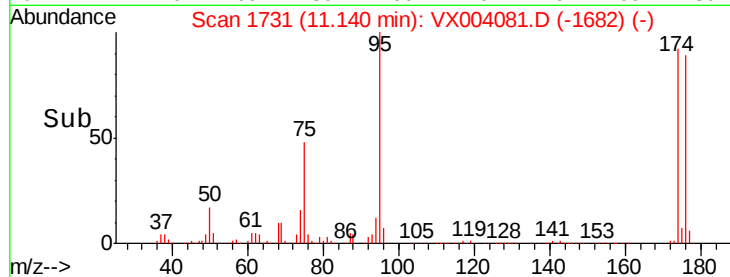
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX004081.D

Acq: 15 Aug 2018 19:07

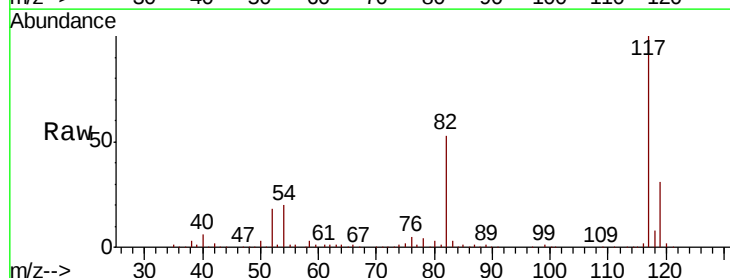
Tgt Ion: 117 Resp: 361098

Ion Ratio Lower Upper

117 100

82 52.6 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

10.12

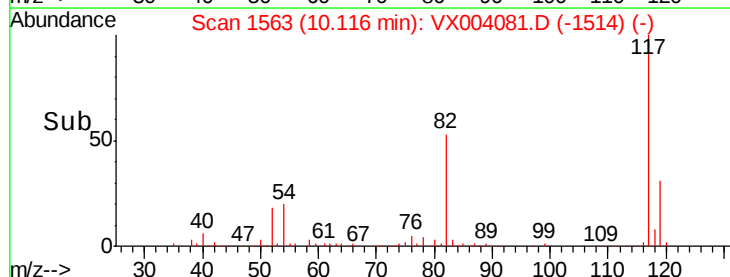
300000

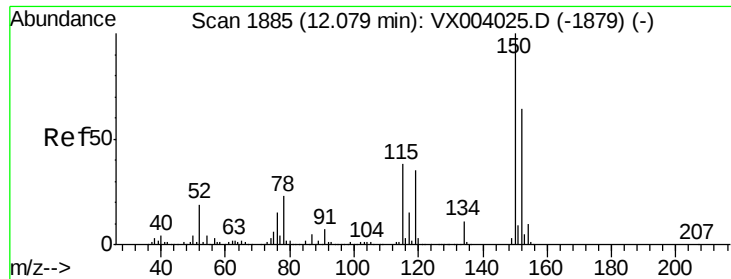
200000

100000

0

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX004081.D

Acq: 15 Aug 2018 19:07

Instrument :

MSVOA_X

ClientSampleId :

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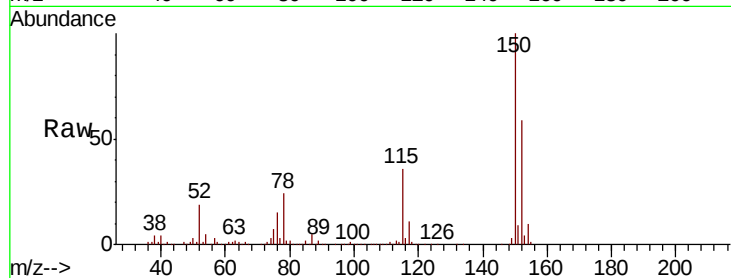
Tot Ion:152 Resp: 187156

Ion Ratio Lower Upper

152 100

115 56.0 39.1 117.3

150 158.8 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

