

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041618\
 Data File : VX000929.D
 Acq On : 16 Apr 2018 19:40
 Operator : JC/MD
 Sample : J2308-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY038PS033-180409

Quant Time: Apr 17 06:49:31 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	270156	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	364199	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	338151	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	221668	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	160482	47.11	ug/l	0.00
Spiked Amount			Recovery	=	94.22%	
35) Dibromofluoromethane	5.51	113	127586	45.47	ug/l	0.00
Spiked Amount			Recovery	=	90.94%	
50) Toluene-d8	8.72	98	507216	48.55	ug/l	0.00
Spiked Amount			Recovery	=	97.10%	
62) 4-Bromofluorobenzene	11.15	95	197603	45.72	ug/l	0.00
Spiked Amount			Recovery	=	91.44%	

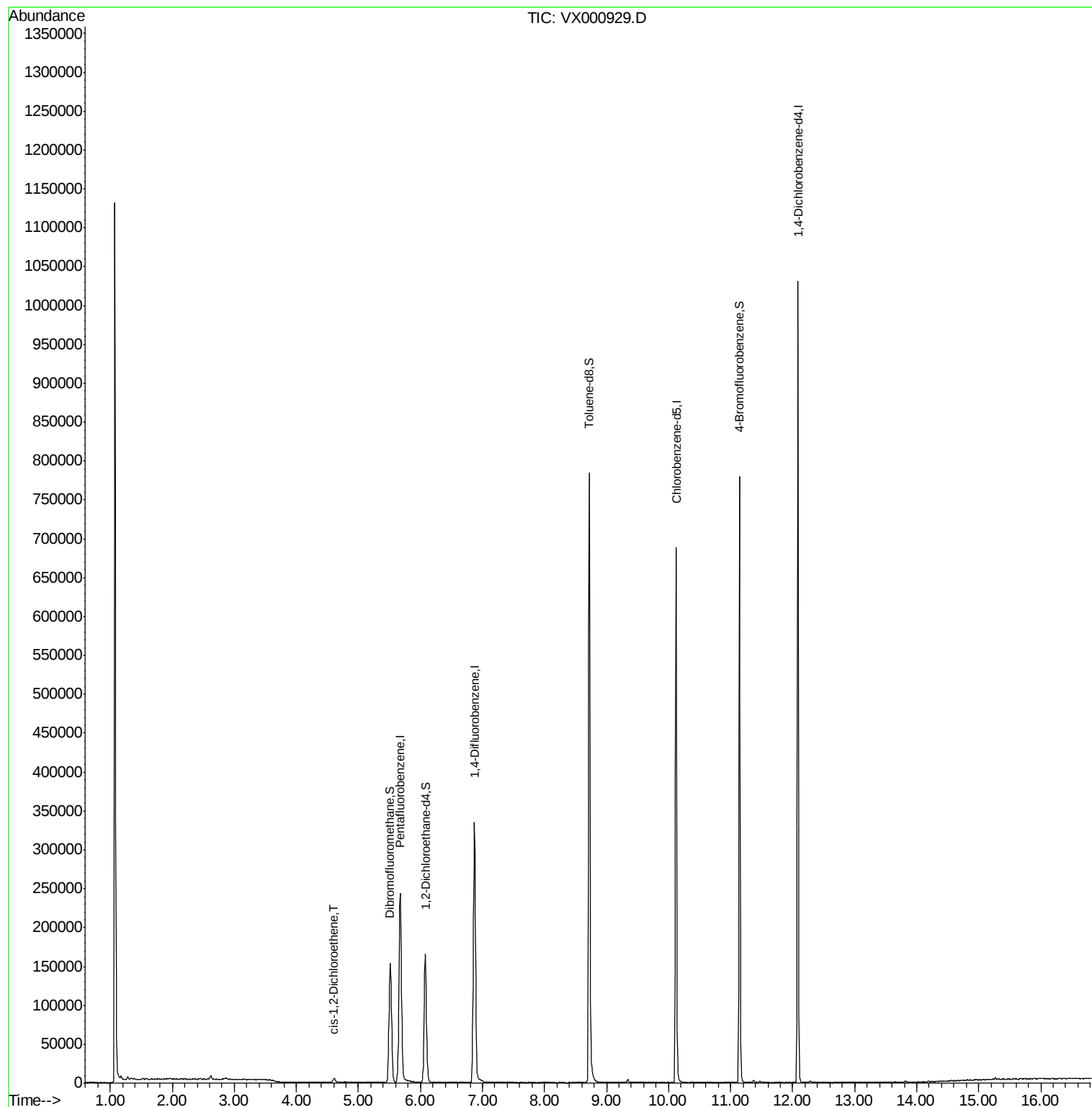
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
27) cis-1,2-Dichloroethene	4.60	96	3237	1.04	ug/l	86

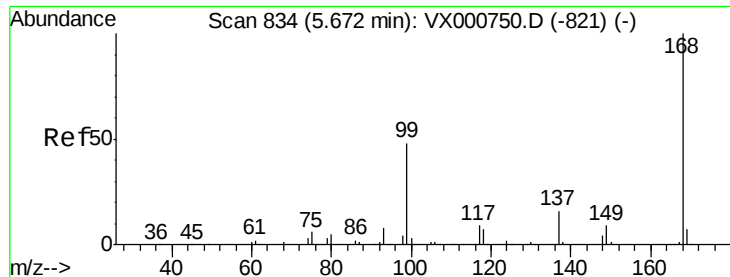
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX000929.D

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ClientSampleId :

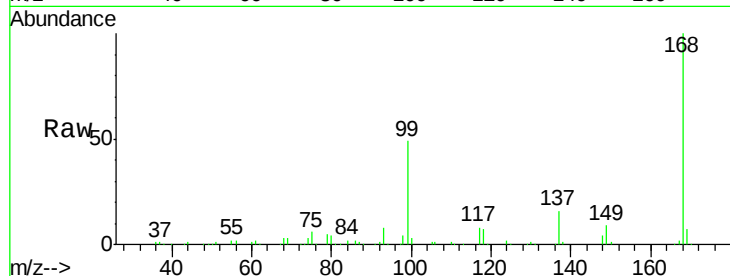
KY038PS033-180409

Tot Ion:168 Resp: 270156

Ion Ratio Lower Upper

168 100

99 49.2 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

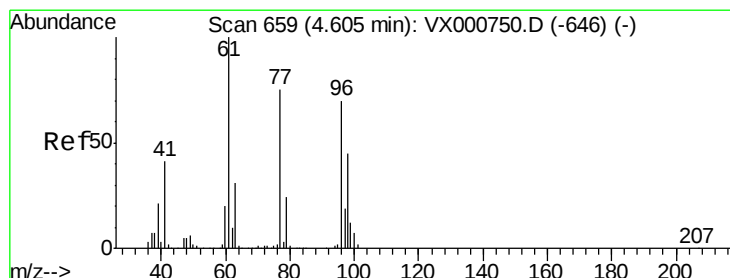
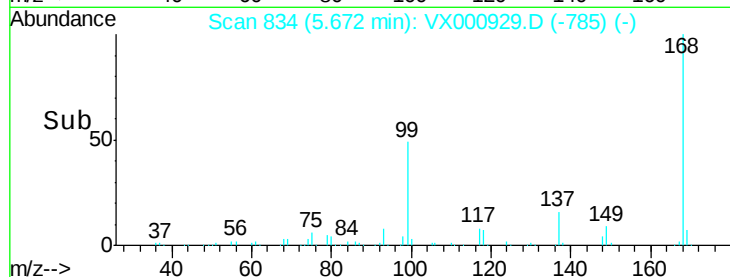
40000

20000

0

Time-->

5.60 5.80



#27

cis-1,2-Dichloroethene

Concen: 1.04 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX000929.D

Acq: 16 Apr 2018 19:40

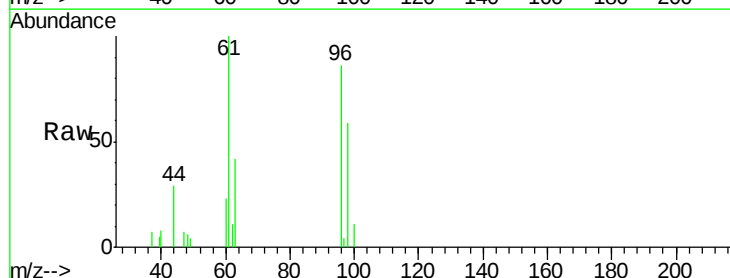
Tgt Ion: 96 Resp: 3237

Ion Ratio Lower Upper

96 100

61 124.2 0.0 292.4

98 69.0 0.0 130.2



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

1500

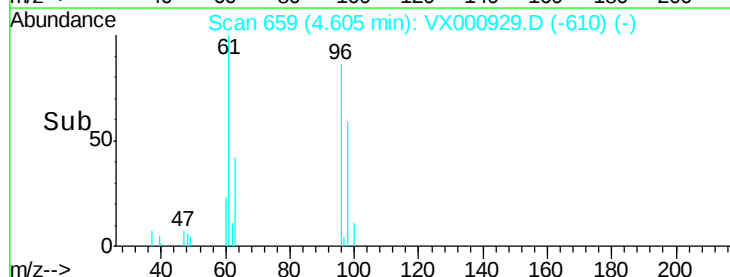
1000

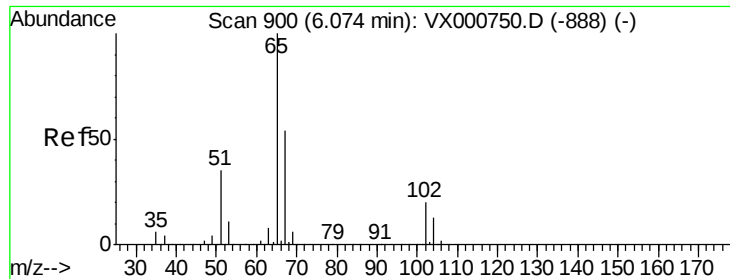
500

0

Time-->

4.50 4.55 4.60 4.65 4.70





#33

1,2-Dichloroethane-d4

Concen: 47.11 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX000929.D

Acq: 16 Apr 2018 19:40

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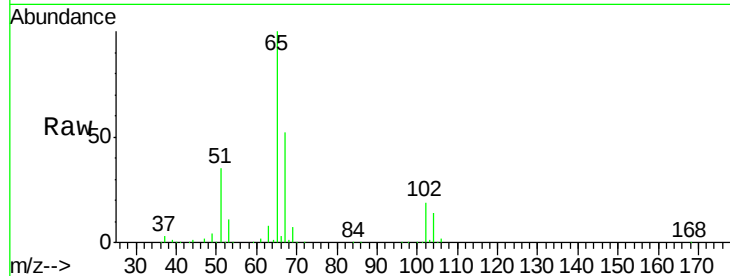
KY038PS033-180409

Tot Ion: 65 Resp: 160482

Ion Ratio Lower Upper

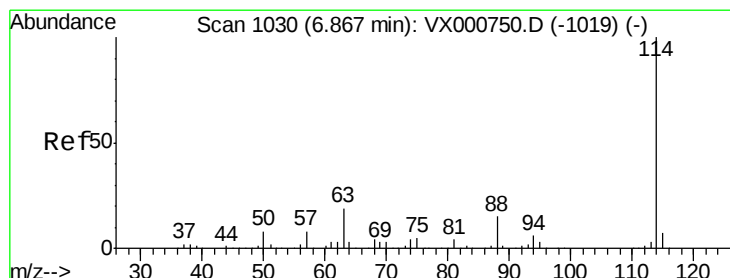
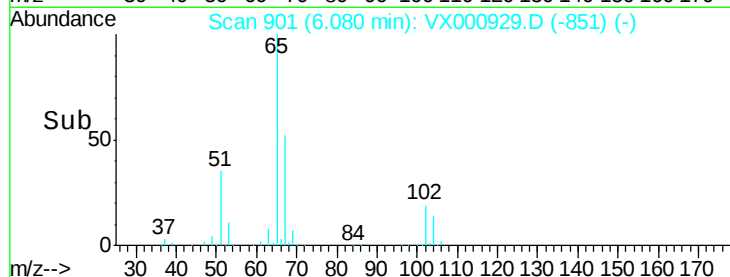
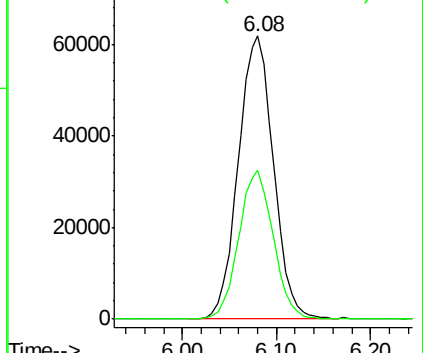
65 100

67 51.7 0.0 103.8



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# 1031

Delta R.T. 0.01 min

Lab File: VX000929.D

Acq: 16 Apr 2018 19:40

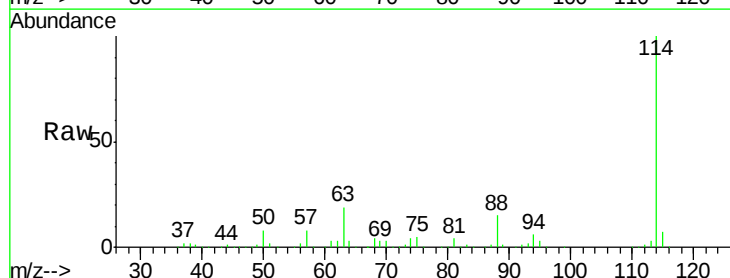
Tgt Ion: 114 Resp: 364199

Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.4

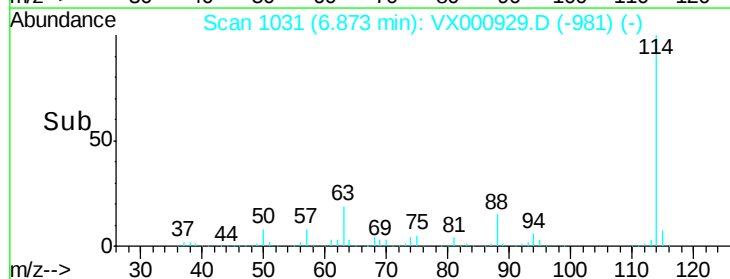
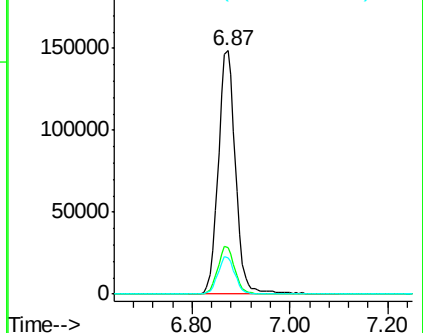
88 14.9 0.0 31.0

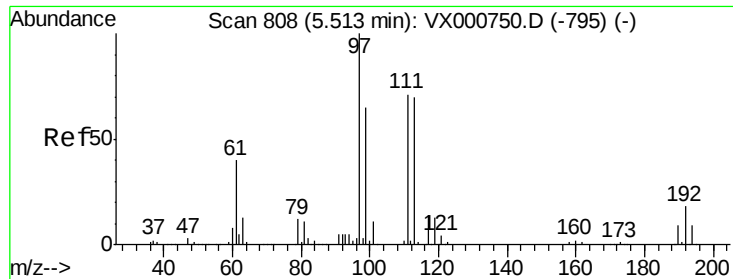


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

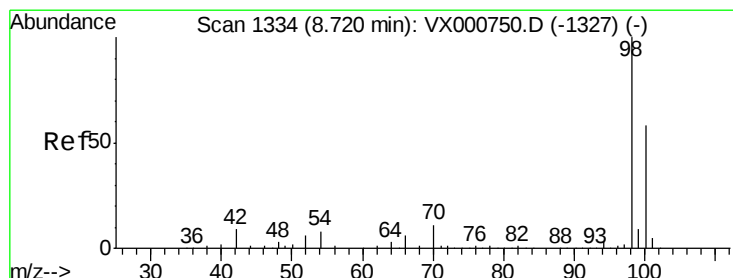
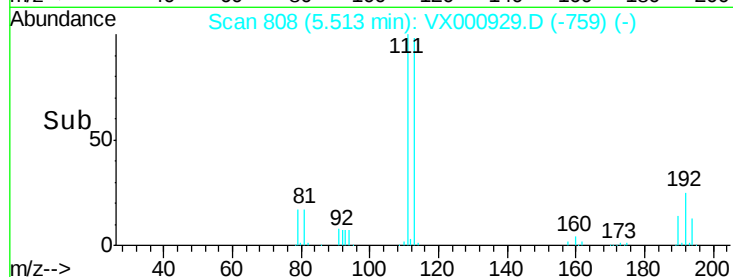
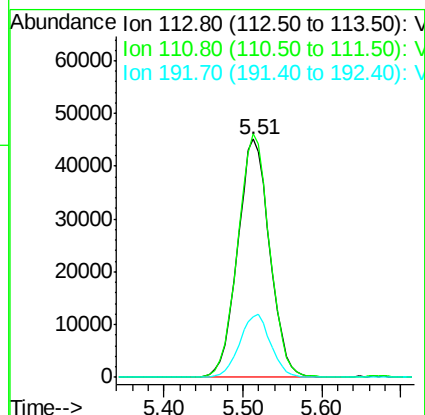
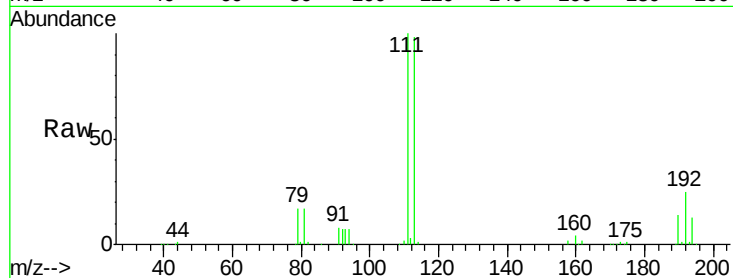




#35
 Dibromofluoromethane
 Concen: 45.47 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX000929.D
 Acq: 16 Apr 2018 19:40

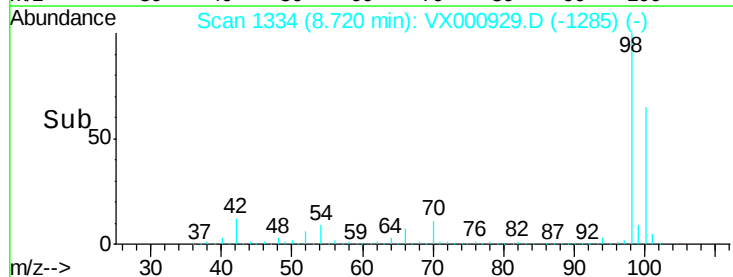
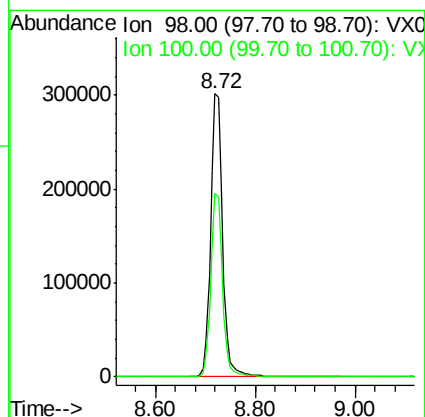
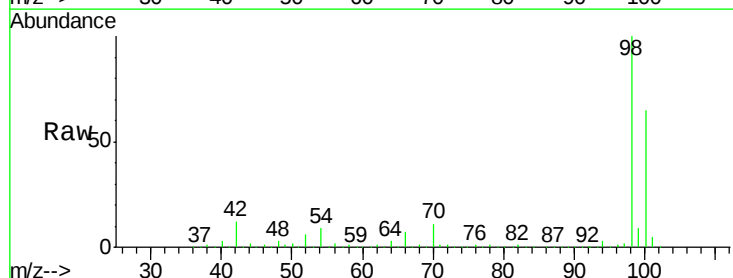
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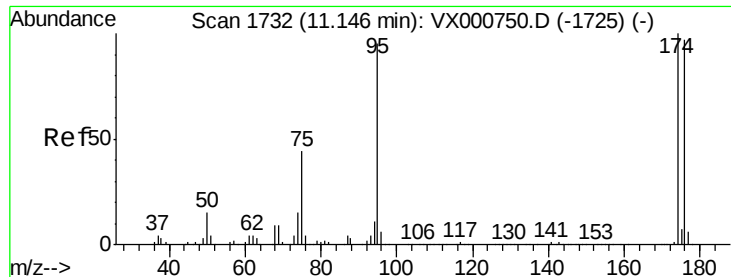
Tot Ion:113 Resp: 127586
 Ion Ratio Lower Upper
 113 100
 111 101.3 81.5 122.3
 192 25.8 20.4 30.6



#50
 Toluene-d8
 Concen: 48.55 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: VX000929.D
 Acq: 16 Apr 2018 19:40

Tgt Ion: 98 Resp: 507216
 Ion Ratio Lower Upper
 98 100
 100 64.4 52.6 79.0

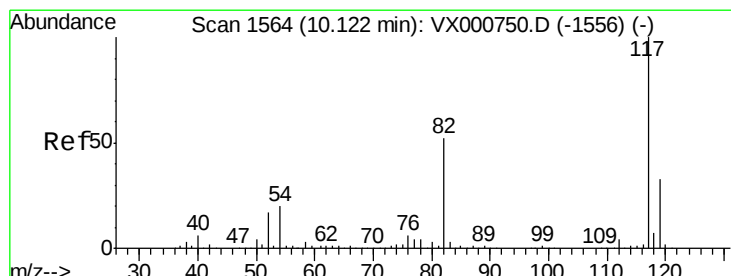
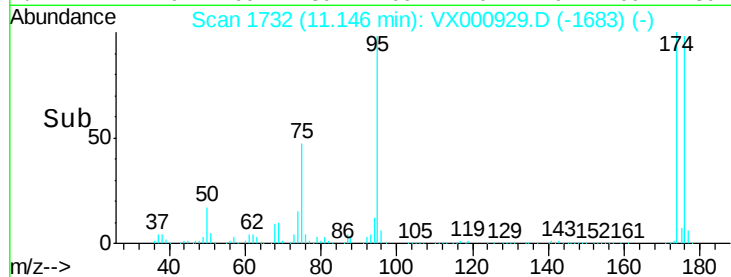
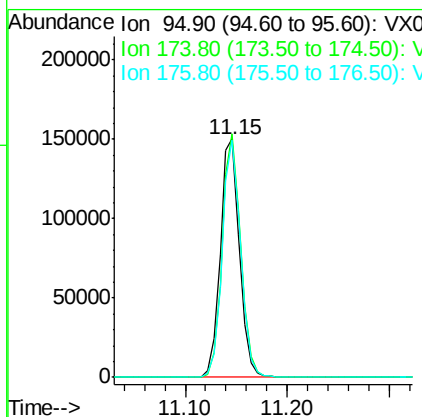
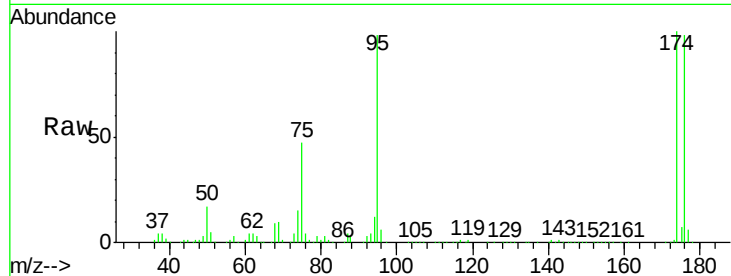




#62
4-Bromofluorobenzene
Concen: 45.72 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VX000929.D
Acq: 16 Apr 2018 19:40

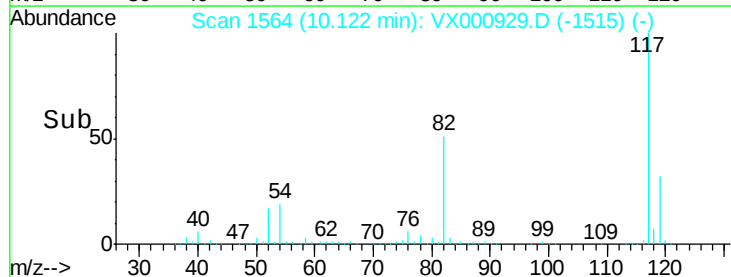
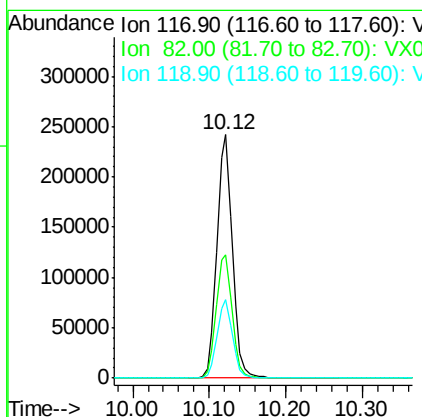
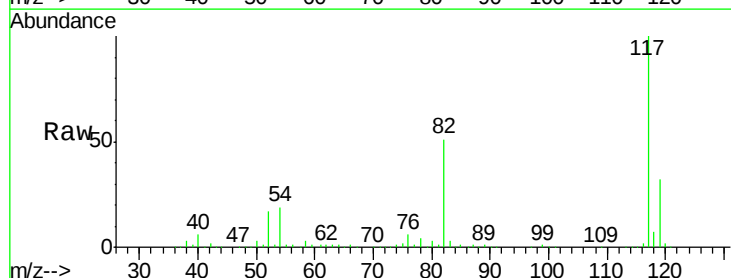
Instrument :
MSVOA_X
ClientSampleId :
KY038PS033-180409

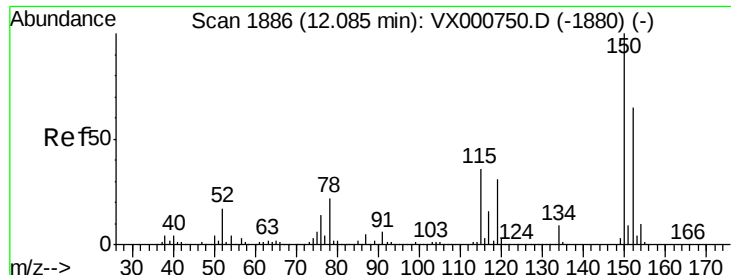
Tot Ion: 95 Resp: 197603
Ion Ratio Lower Upper
95 100
174 97.8 0.0 198.4
176 95.3 0.0 194.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000929.D
Acq: 16 Apr 2018 19:40

Tgt Ion: 117 Resp: 338151
Ion Ratio Lower Upper
117 100
82 50.5 41.9 62.9
119 32.1 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000929.D

Acq: 16 Apr 2018 19:40

Instrument :

MSVOA_X

ClientSampleId :

KY038PS033-180409

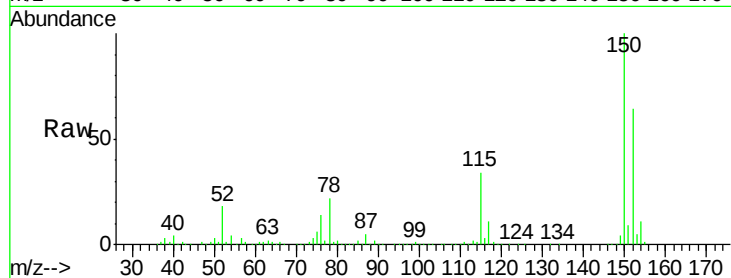
Tot Ion:152 Resp: 221668

Ion Ratio Lower Upper

152 100

115 53.6 37.9 113.7

150 156.1 0.0 348.0



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

