

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042018\
 Data File : VX001035.D
 Acq On : 21 Apr 2018 03:18
 Operator : JC/MD
 Sample : J2377-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0442-180412

Quant Time: Apr 23 12:52:32 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 20 05:03:28 2018
 Response via : Initial Calibration

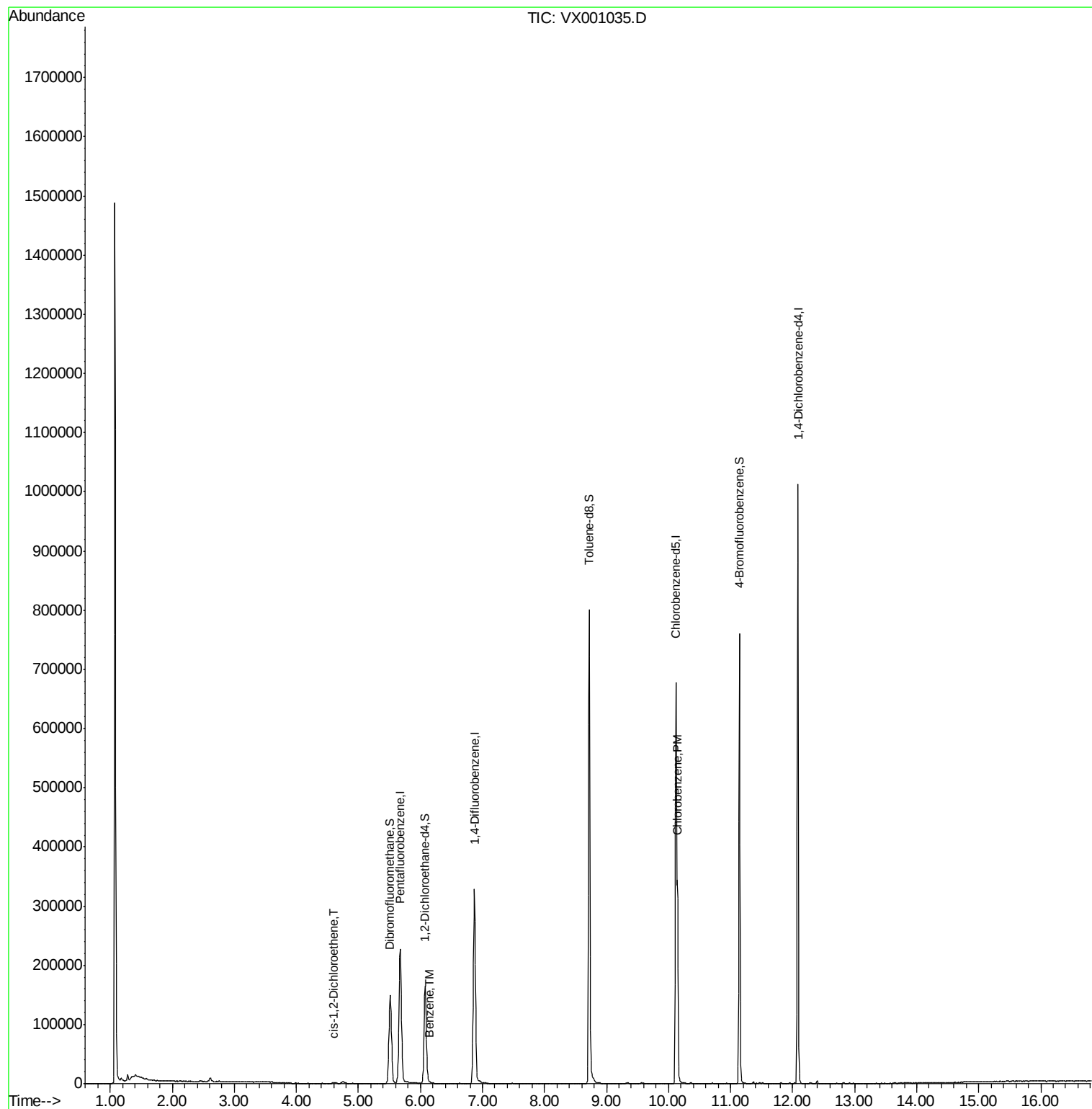
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	246080	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	348431	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	323510	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	214055	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	161203	51.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.36%	
35) Dibromofluoromethane	5.51	113	123294	46.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.82%	
50) Toluene-d8	8.72	98	485863	49.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.92%	
62) 4-Bromofluorobenzene	11.14	95	189294	45.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.82%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	991	0.33	ug/l	74
40) Benzene	6.15	78	2554	0.22	ug/l	95
65) Chlorobenzene	10.15	112	137428	15.95	ug/l	99

(#) = 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

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ClientSampleId :

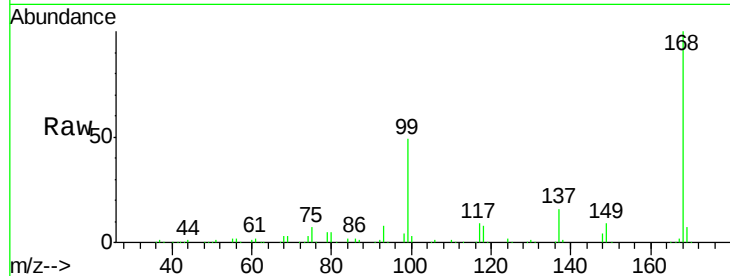
DUP-0442-180412

Tot Ion:168 Resp: 246080

Ion Ratio Lower Upper

168 100

99 48.7 39.2 58.8

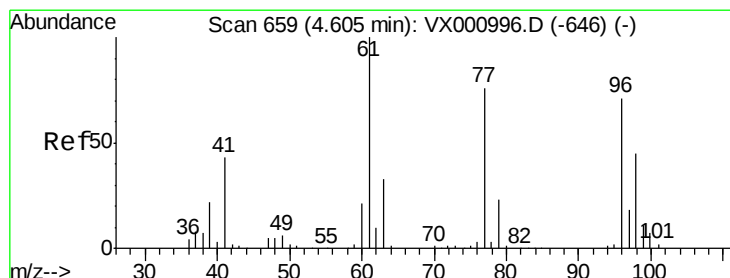
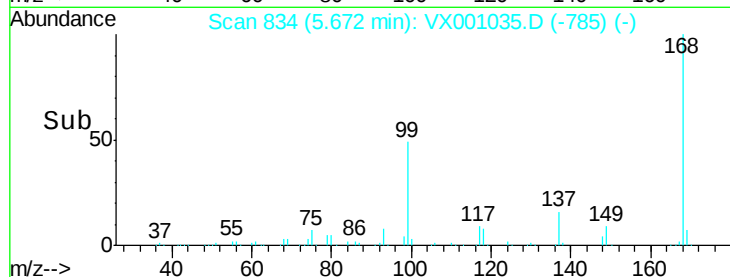


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

Time-->



#27

cis-1,2-Dichloroethene

Concen: 0.33 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX001035.D

Acq: 21 Apr 2018 03:18

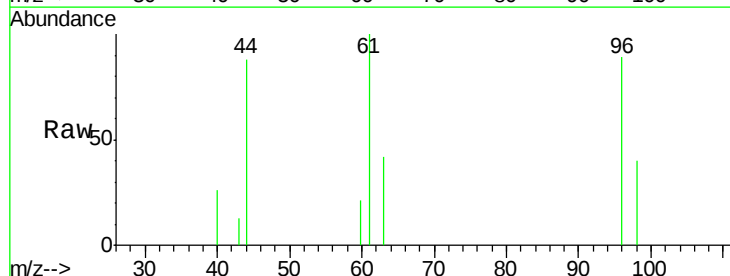
Tgt Ion: 96 Resp: 991

Ion Ratio Lower Upper

96 100

61 129.3 0.0 297.0

98 24.9 0.0 130.0



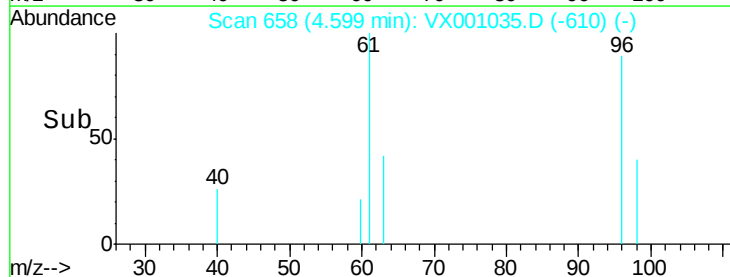
Abundance Ion 95.90 (95.60 to 96.60): VX0

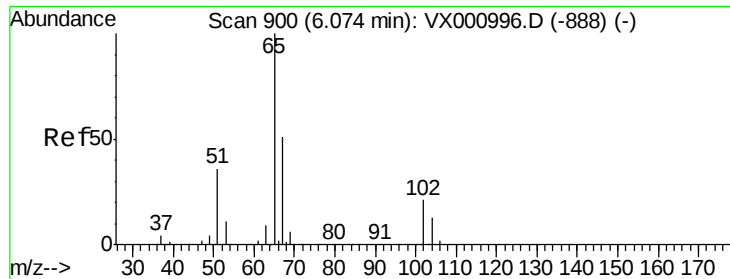
Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

4.60

Time-->

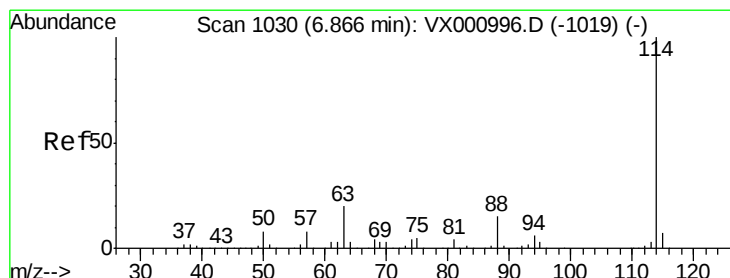
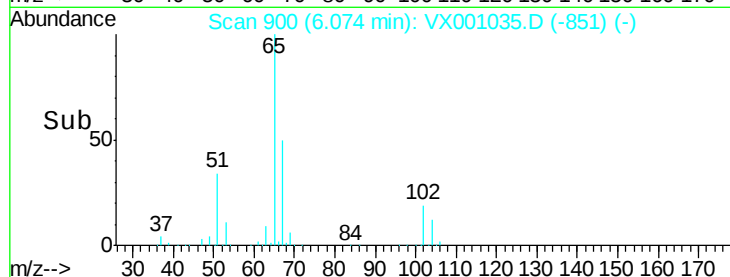
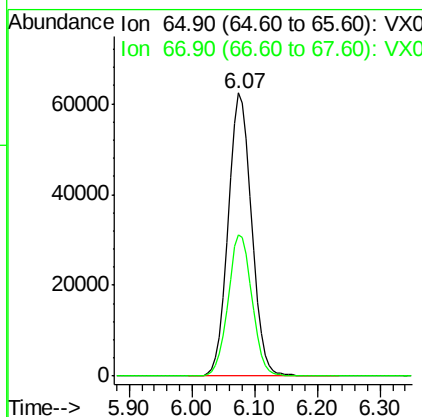
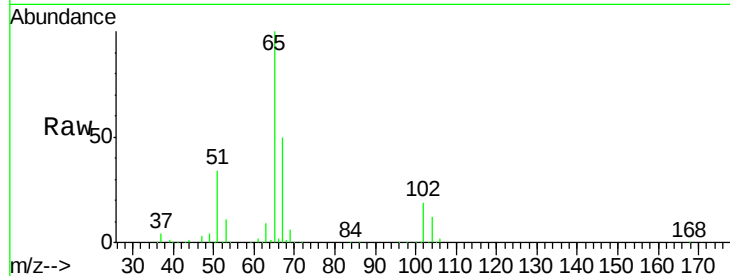




#33
 1,2-Dichloroethane-d4
 Concen: 51.68 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001035.D
 Acq: 21 Apr 2018 03:18

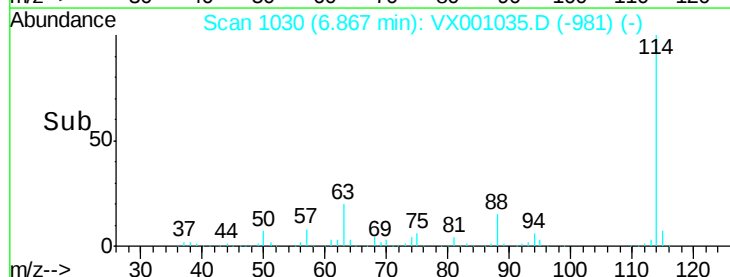
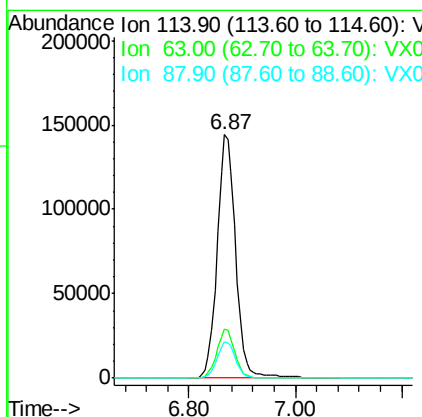
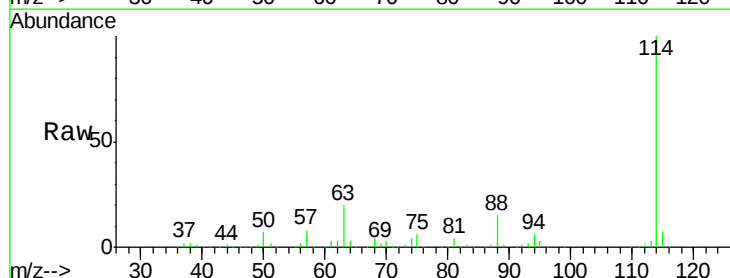
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0442-180412

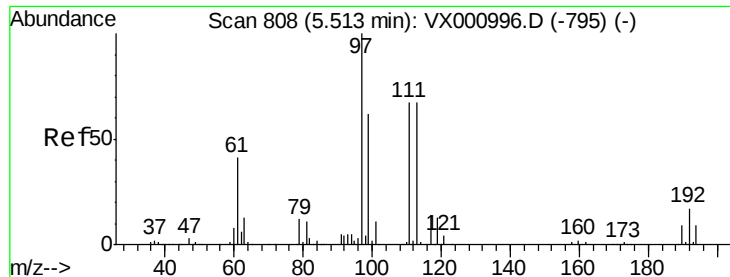
Tot Ion: 65 Resp: 161203
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001035.D
 Acq: 21 Apr 2018 03:18

Tgt Ion: 114 Resp: 348431
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.4
 88 15.0 0.0 29.8

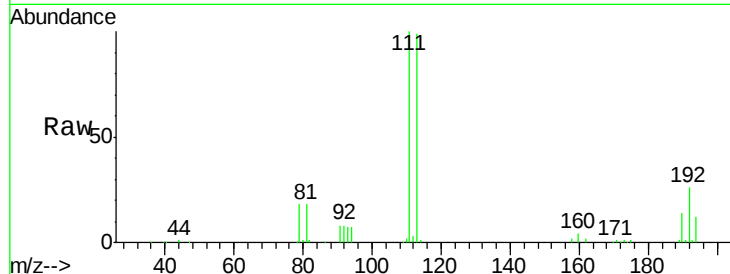




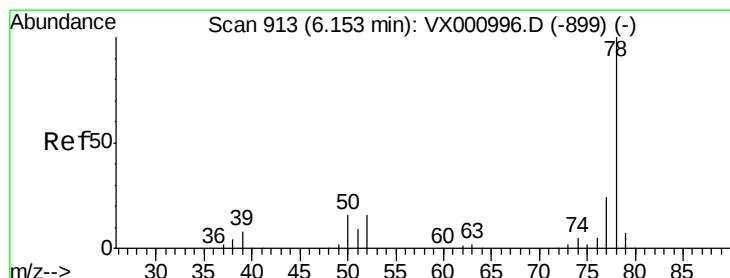
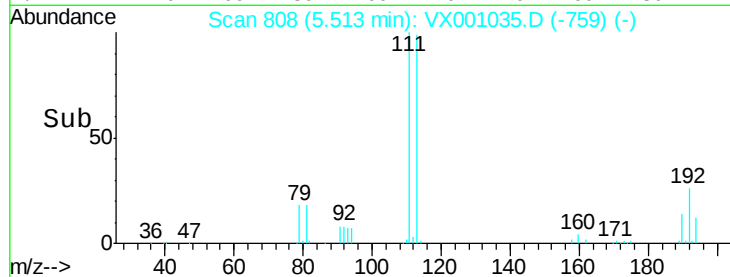
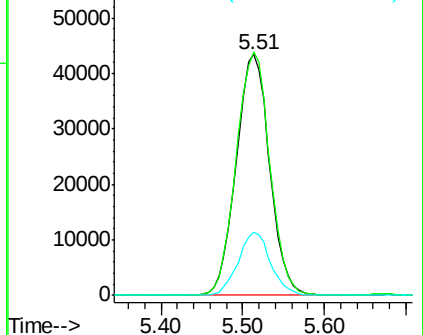
#35
 Dibromofluoromethane
 Concen: 46.41 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX001035.D
 Acq: 21 Apr 2018 03:18

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0442-180412

Tot Ion:113 Resp: 123294
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.4 122.2
 192 25.6 20.4 30.6

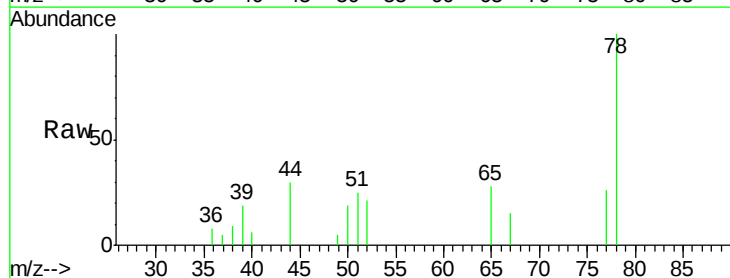


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

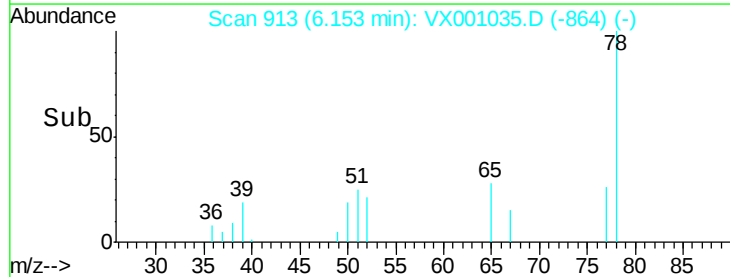
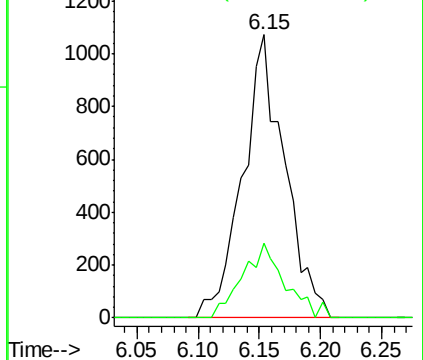


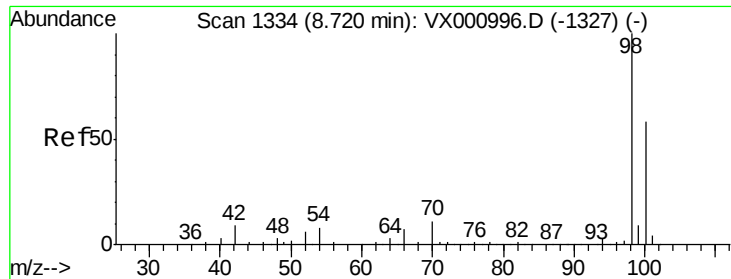
#40
 Benzene
 Concen: 0.22 ug/l
 RT: 6.15 min Scan# 913
 Delta R.T. 0.00 min
 Lab File: VX001035.D
 Acq: 21 Apr 2018 03:18

Tgt Ion: 78 Resp: 2554
 Ion Ratio Lower Upper
 78 100
 77 26.2 18.9 28.3



Abundance Ion 78.00 (77.70 to 78.70): VX0
 Ion 77.00 (76.70 to 77.70): VX0





#50

Toluene-d8

Concen: 49.46 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001035.D

Acq: 21 Apr 2018 03:18

Instrument :

MSVOA_X

ClientSampleId :

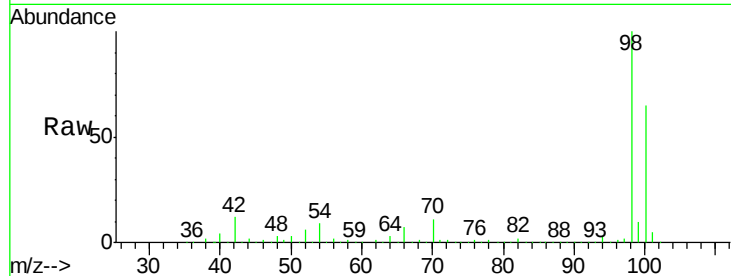
DUP-0442-180412

Tot Ion: 98 Resp: 485863

Ion Ratio Lower Upper

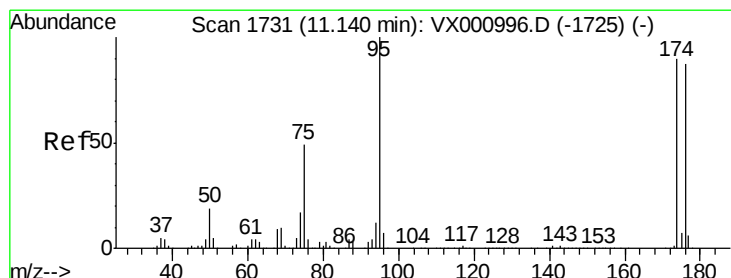
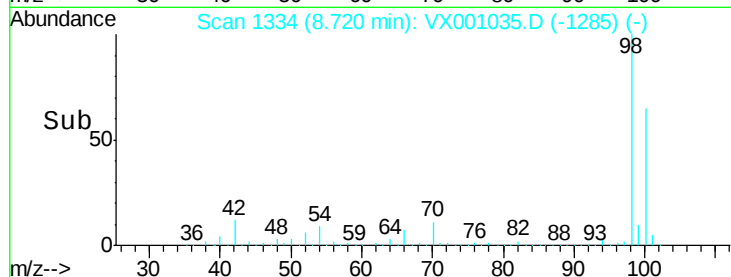
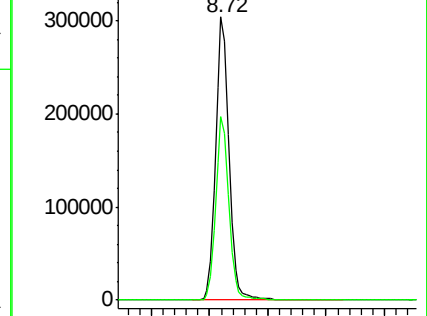
98 100

100 64.2 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 45.91 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001035.D

Acq: 21 Apr 2018 03:18

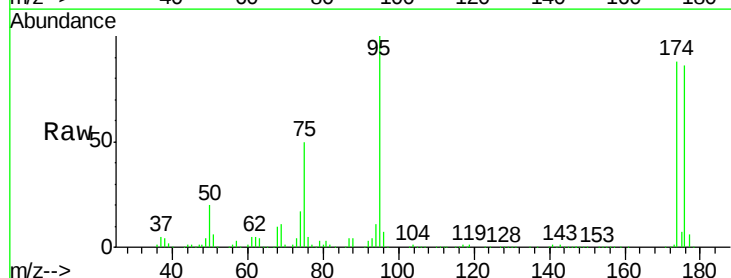
Tgt Ion: 95 Resp: 189294

Ion Ratio Lower Upper

95 100

174 97.8 0.0 198.4

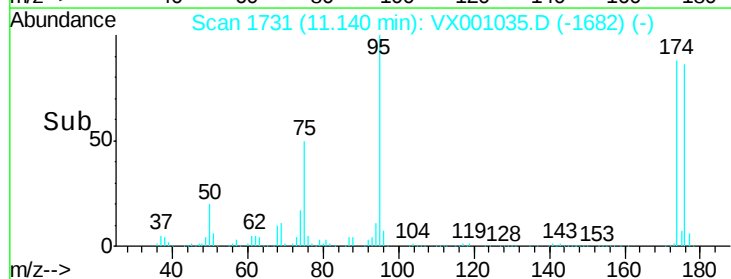
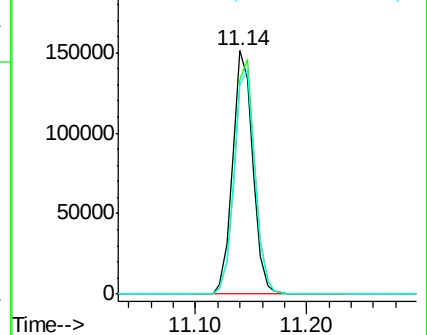
176 94.2 0.0 192.0

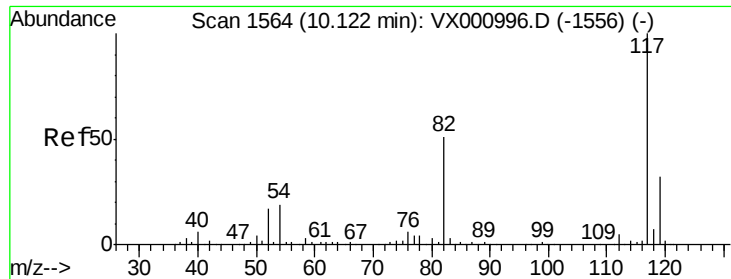


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

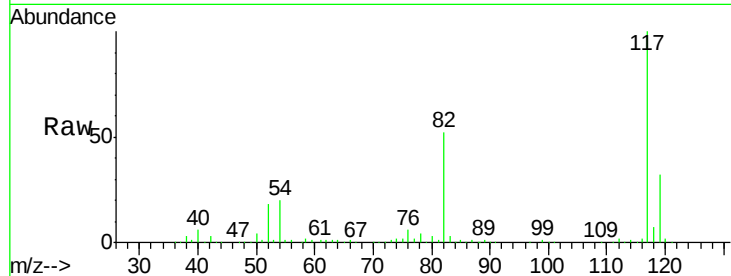




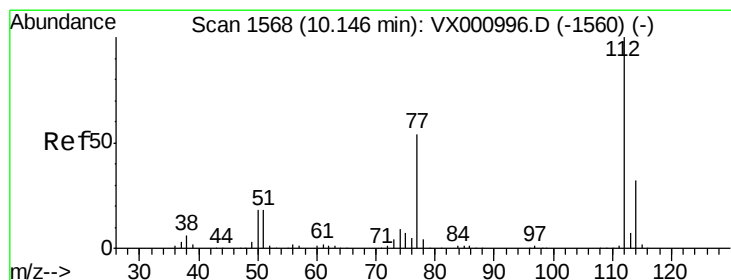
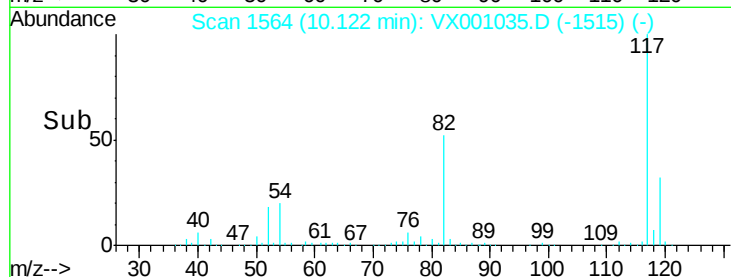
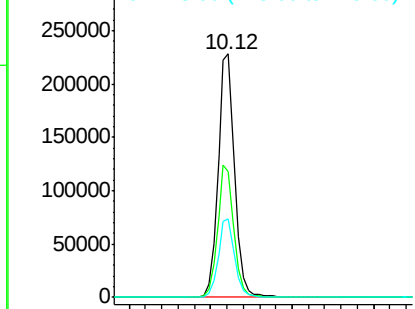
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001035.D
Acq: 21 Apr 2018 03:18

Instrument :
MSVOA_X
ClientSampleId :
DUP-0442-180412

Tot Ion:117 Resp: 323510
Ion Ratio Lower Upper
117 100
82 51.8 40.6 60.8
119 32.1 26.0 39.0

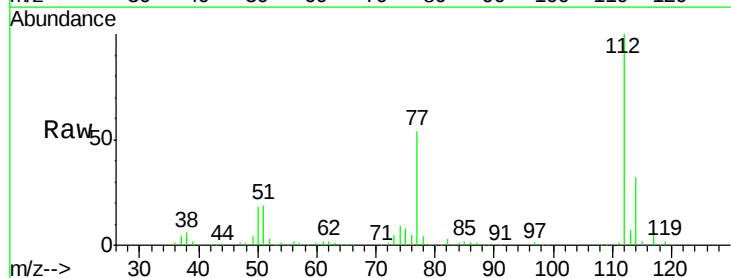


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

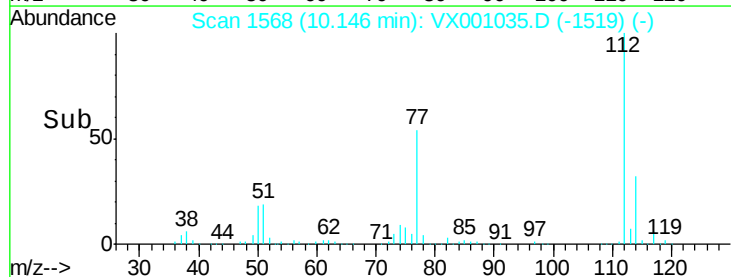
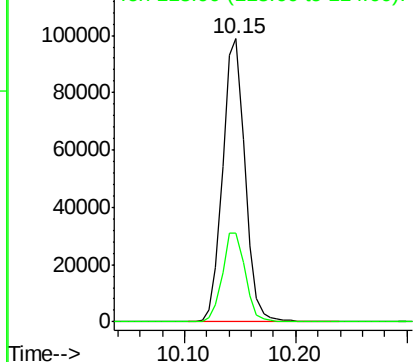


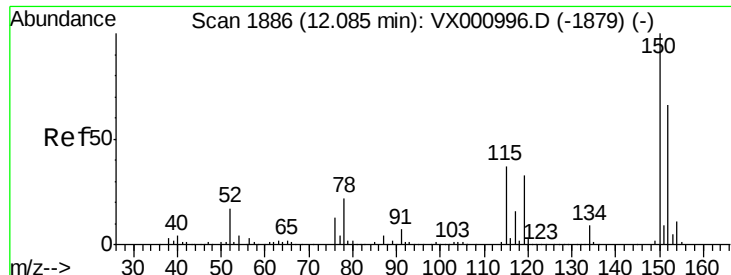
#65
Chlorobenzene
Concen: 15.95 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX001035.D
Acq: 21 Apr 2018 03:18

Tgt Ion:112 Resp: 137428
Ion Ratio Lower Upper
112 100
114 31.6 25.5 38.3



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

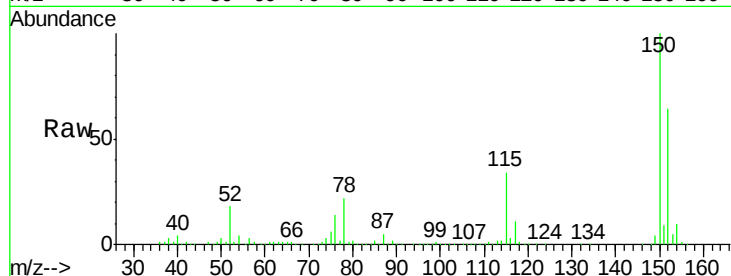




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.09 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX001035.D
 Acq: 21 Apr 2018 03:18

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0442-180412

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.0	38.2	114.6
150	155.6	0.0	350.4



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

