

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070318\
 Data File : VX003158.D
 Acq On : 03 Jul 2018 19:27
 Operator : JC/MD
 Sample : J3754-10DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S10-0142DL

Quant Time: Jul 05 09:44:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

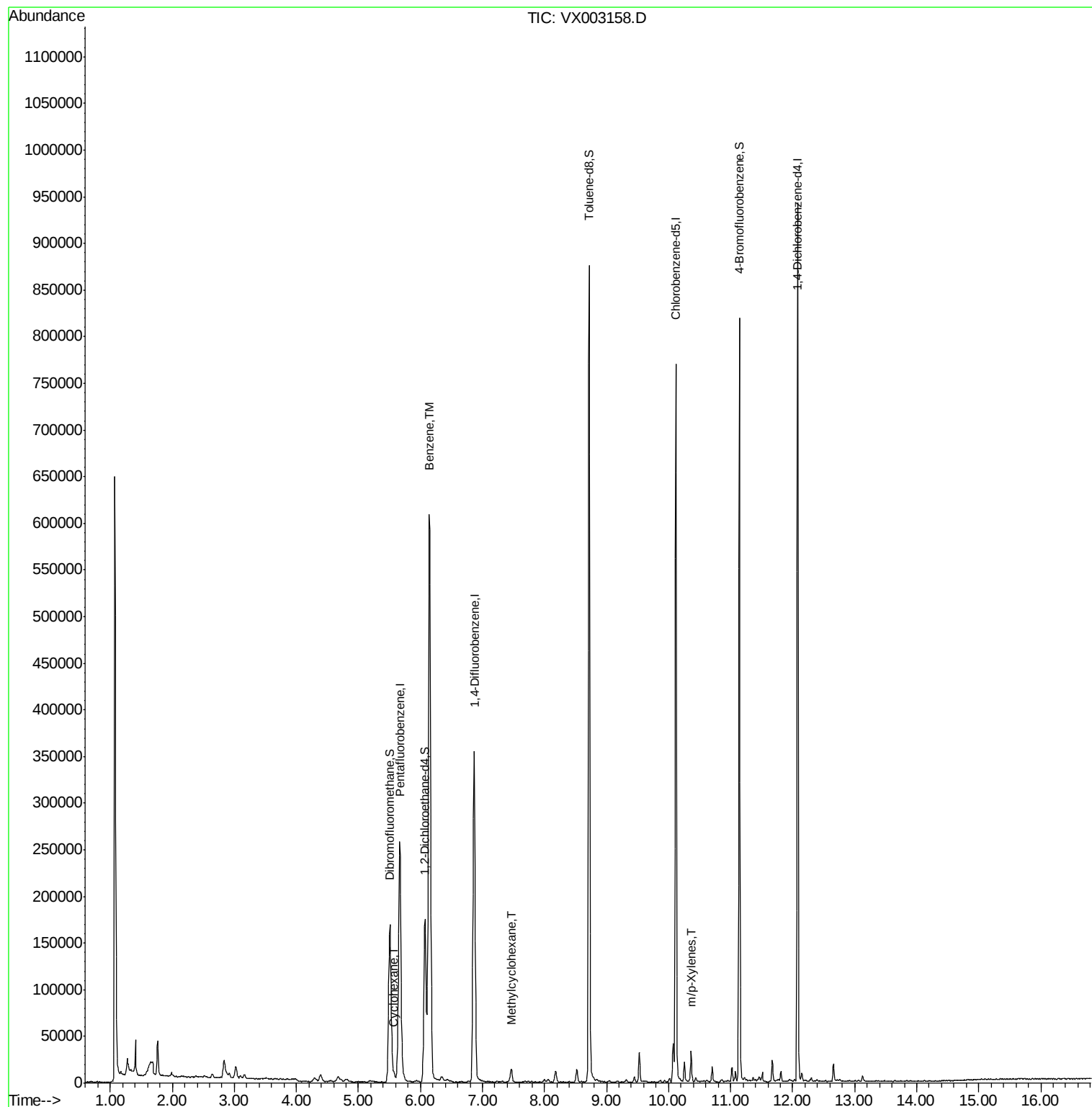
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	262510	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	365151	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	349807	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	204284	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	167935	46.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.56%	
35) Dibromofluoromethane	5.51	113	139281	48.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.34%	
50) Toluene-d8	8.72	98	514074	48.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.36%	
62) 4-Bromofluorobenzene	11.14	95	190825	46.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.72%	
Target Compounds						
					Qvalue	
31) Cyclohexane	5.57	56	5449	1.198	ug/l	95
39) Methylcyclohexane	7.46	83	5790	1.241	ug/l	89
40) Benzene	6.14	78	724357	62.258	ug/l	98
68) m/p-Xylenes	10.36	106	7913	1.399	ug/l	98

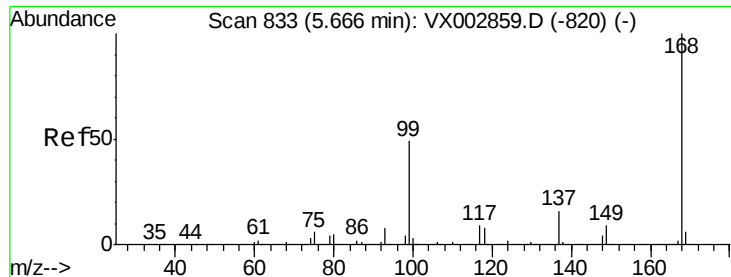
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX003158.D

Acq: 03 Jul 2018 19:27

Instrument :

MSVOA_X

ClientSampled :

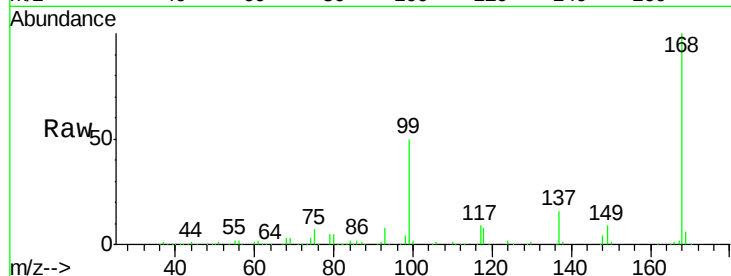
S10-0142DL

Tot Ion:168 Resp: 262510

Ion Ratio Lower Upper

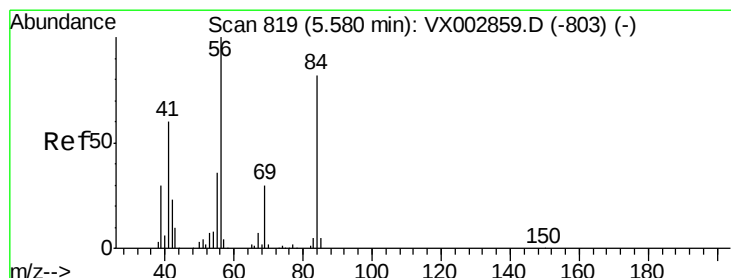
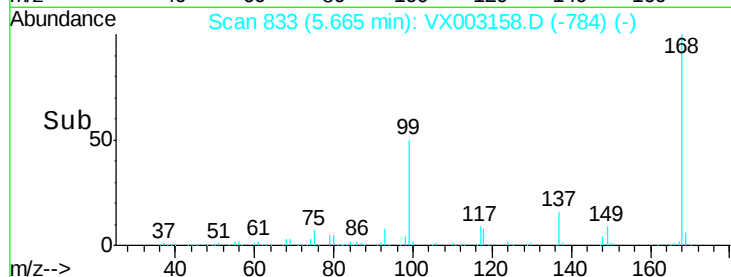
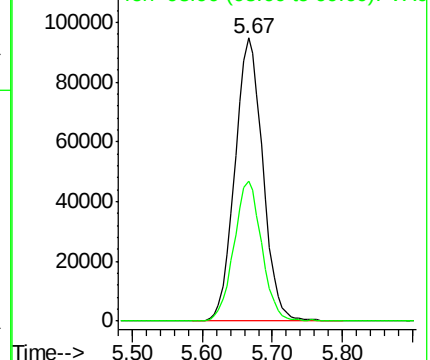
168 100

99 49.4 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#31

Cyclohexane

Concen: 1.198 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX003158.D

Acq: 03 Jul 2018 19:27

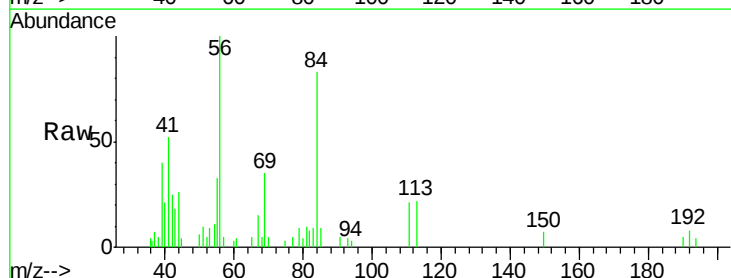
Tgt Ion: 56 Resp: 5449

Ion Ratio Lower Upper

56 100

69 35.1 23.7 35.5

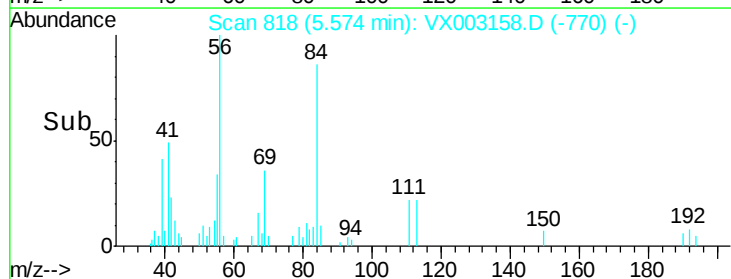
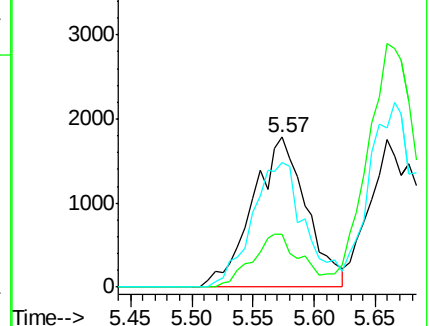
84 83.1 64.1 96.1

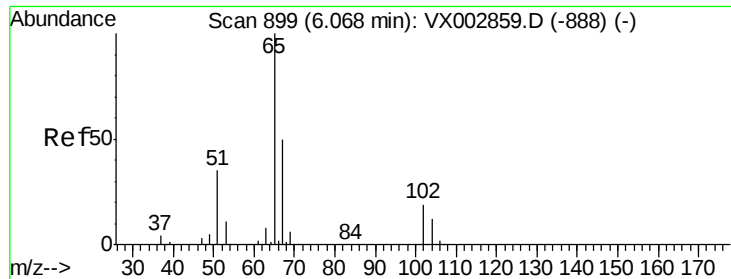


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

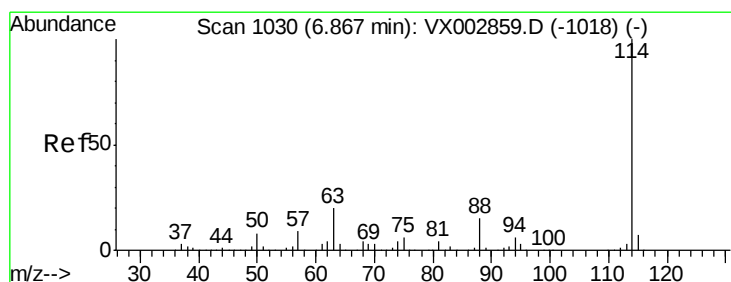
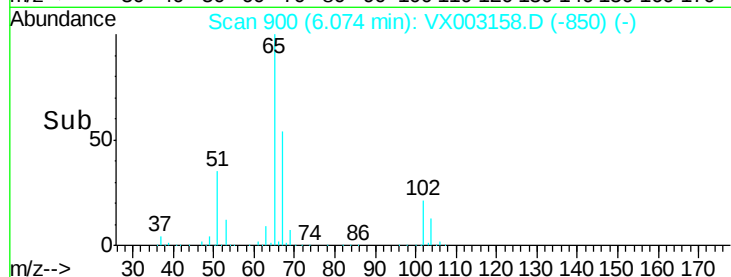
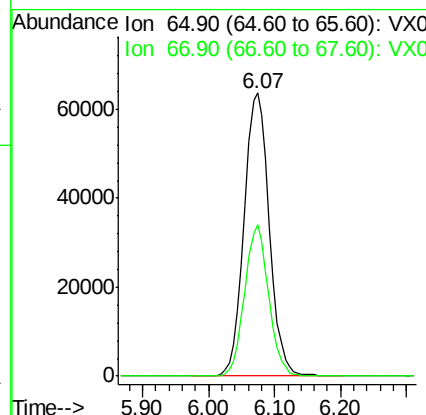
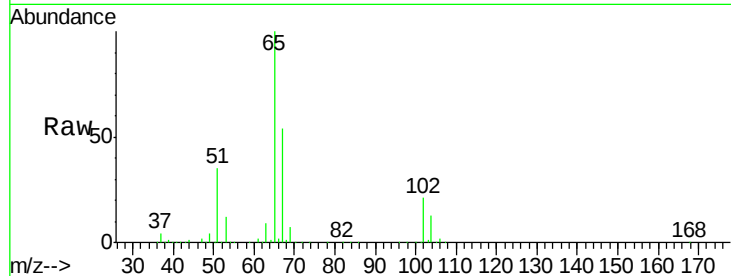




#33
 1,2-Dichloroethane-d4
 Concen: 46.283 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003158.D
 Acq: 03 Jul 2018 19:27

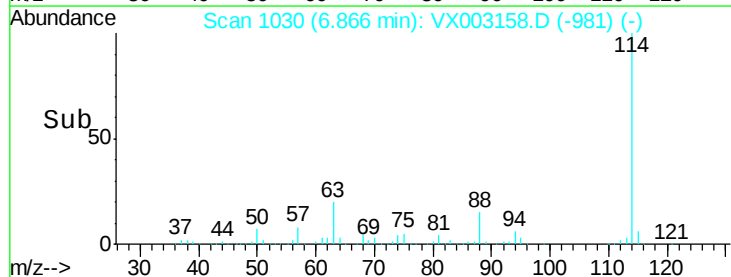
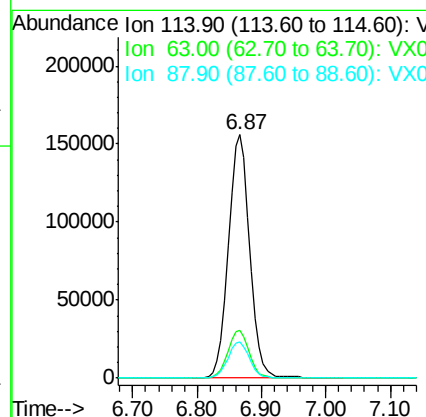
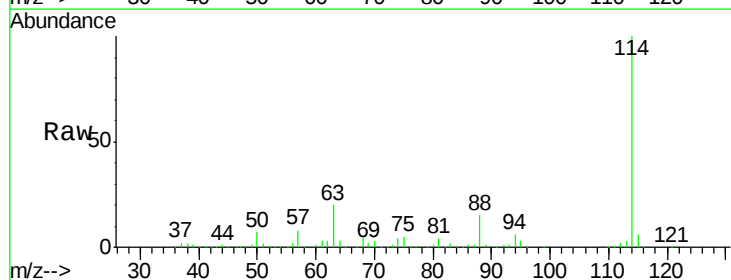
Instrument :
 MSVOA_X
 ClientSampleId :
 S10-0142DL

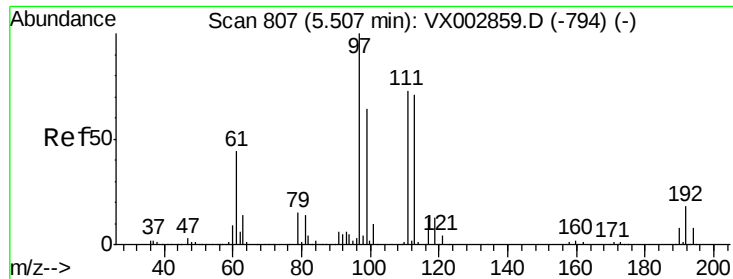
Tot Ion: 65 Resp: 167935
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003158.D
 Acq: 03 Jul 2018 19:27

Tgt Ion: 114 Resp: 365151
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 41.4
 88 14.7 0.0 30.0

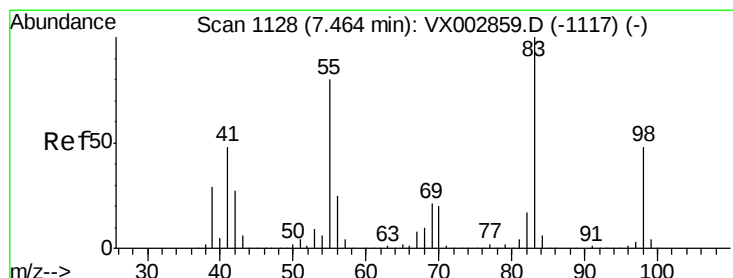
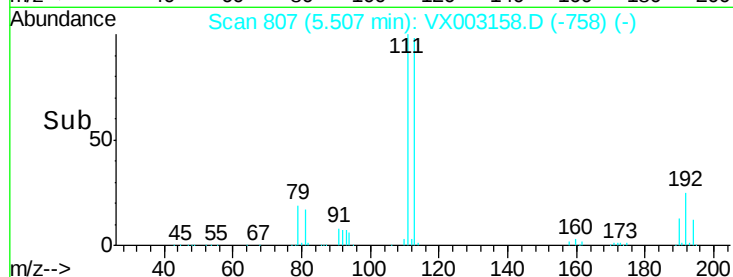
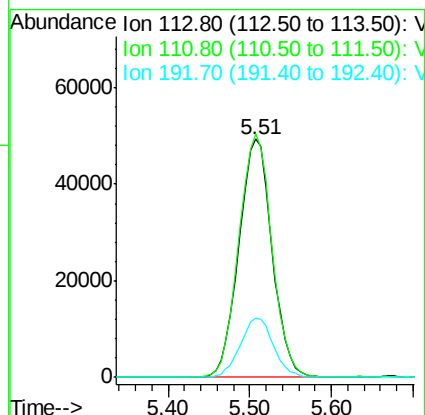
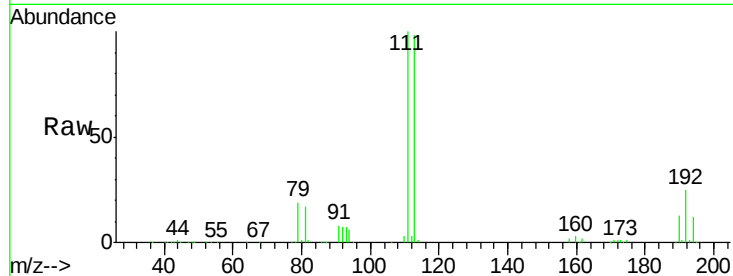




#35
Dibromofluoromethane
Concen: 48.166 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX003158.D
Acq: 03 Jul 2018 19:27

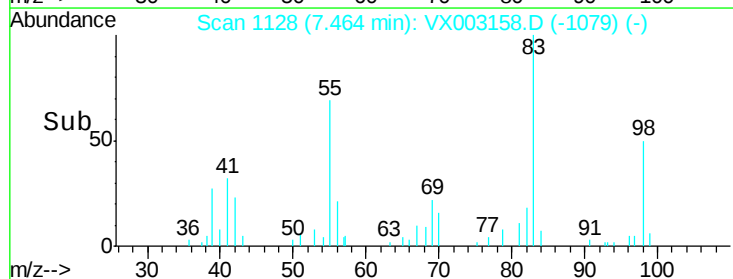
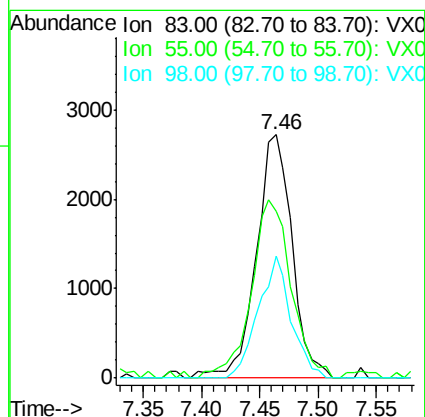
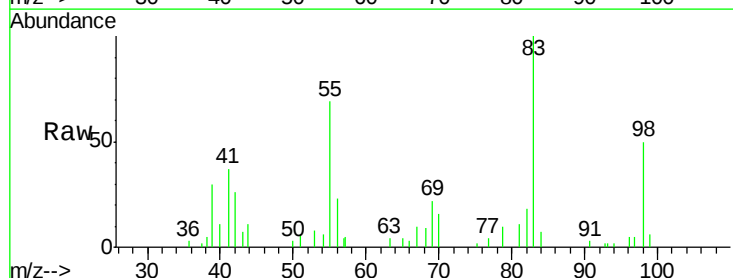
Instrument :
MSVOA_X
ClientSampled :
S10-0142DL

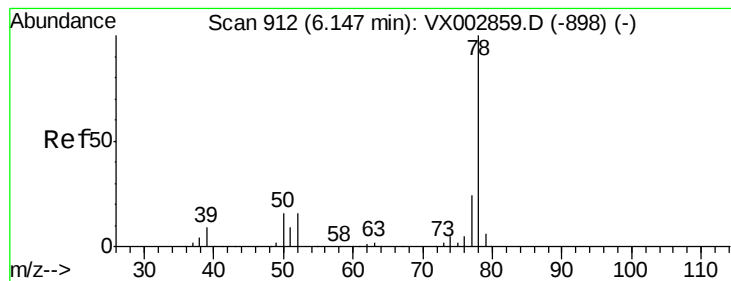
Tot Ion:113 Resp: 139281
Ion Ratio Lower Upper
113 100
111 102.2 81.4 122.0
192 25.0 19.1 28.7



#39
Methylcyclohexane
Concen: 1.241 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX003158.D
Acq: 03 Jul 2018 19:27

Tgt Ion: 83 Resp: 5790
Ion Ratio Lower Upper
83 100
55 68.7 65.4 98.0
98 49.9 37.4 56.0





#40

Benzene

Concen: 62.258 ug/l

RT: 6.14 min Scan# 911

Delta R.T. -0.01 min

Lab File: VX003158.D

Acq: 03 Jul 2018 19:27

Instrument :

MSVOA_X

ClientSampled :

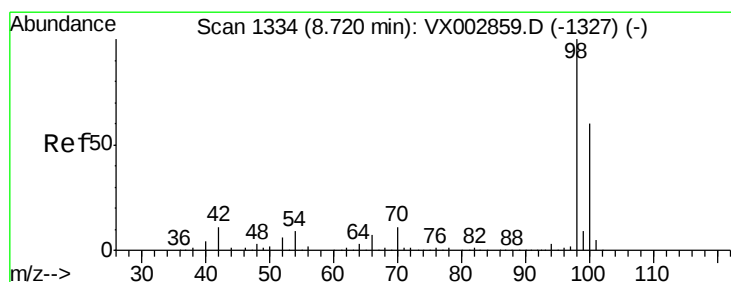
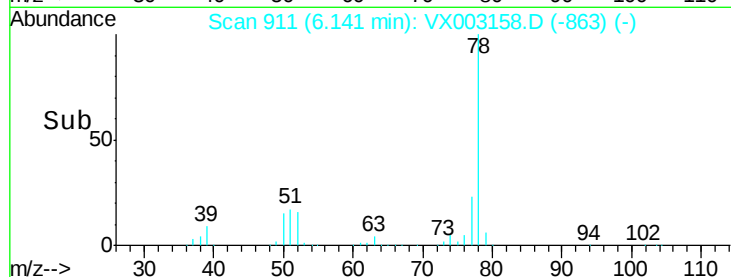
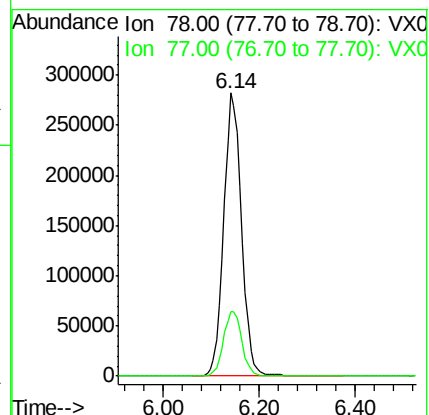
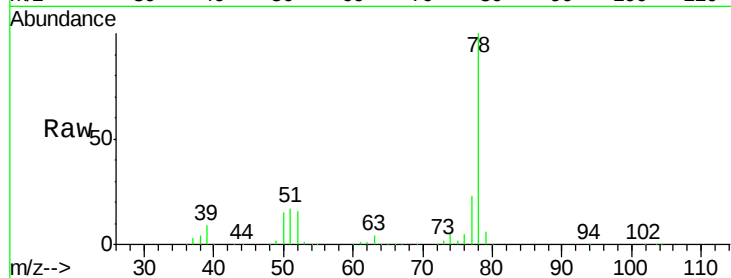
S10-0142DL

Tot Ion: 78 Resp: 724357

Ion Ratio Lower Upper

78 100

77 22.7 19.1 28.7



#50

Toluene-d8

Concen: 48.683 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003158.D

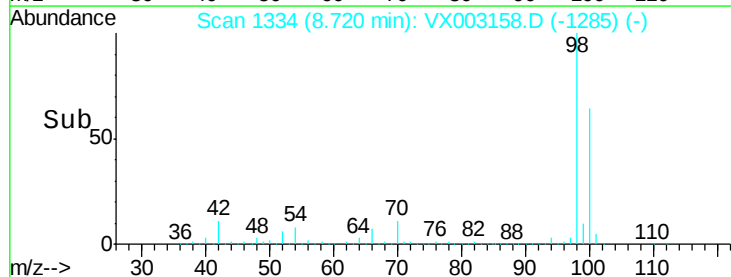
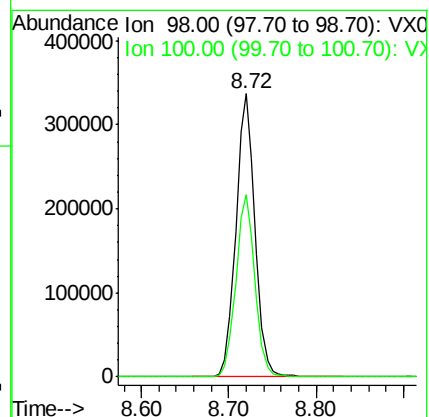
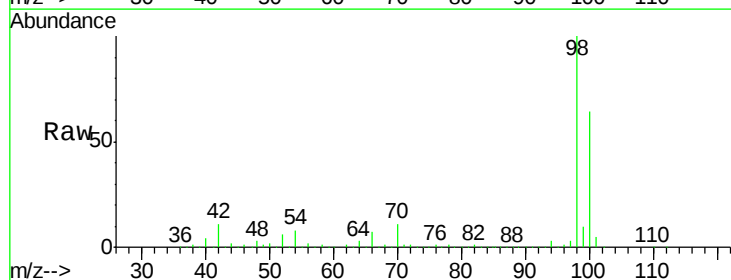
Acq: 03 Jul 2018 19:27

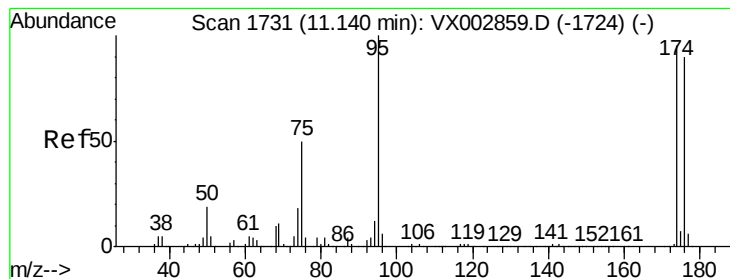
Tgt Ion: 98 Resp: 514074

Ion Ratio Lower Upper

98 100

100 64.2 50.9 76.3





#62

4-Bromofluorobenzene

Concen: 46.858 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003158.D

Acq: 03 Jul 2018 19:27

Instrument :

MSVOA_X

ClientSampleId :

S10-0142DL

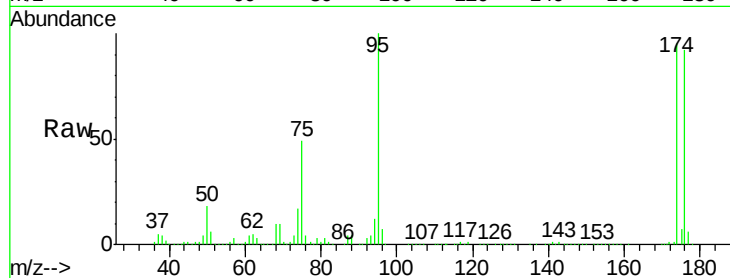
Tot Ion: 95 Resp: 190825

Ion Ratio Lower Upper

95 100

174 98.1 0.0 187.4

176 94.9 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX002859.D (-1724) (-)

Ion 173.80 (173.50 to 174.50): VX002859.D (-1724) (-)

Ion 175.80 (175.50 to 176.50): VX002859.D (-1724) (-)

11.14

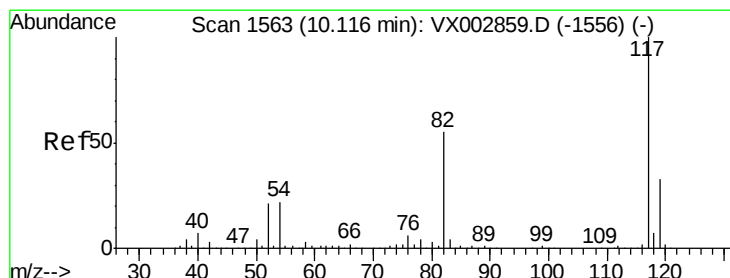
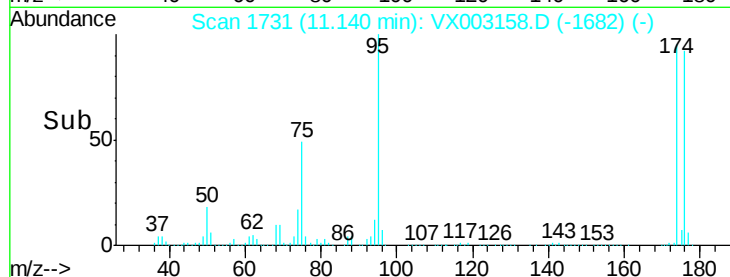
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX003158.D

Acq: 03 Jul 2018 19:27

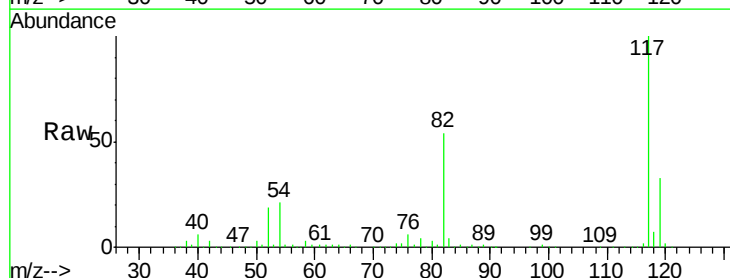
Tgt Ion: 117 Resp: 349807

Ion Ratio Lower Upper

117 100

82 54.1 45.0 67.4

119 32.6 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): VX002859.D (-1556) (-)

Ion 82.00 (81.70 to 82.70): VX002859.D (-1556) (-)

Ion 118.90 (118.60 to 119.60): VX002859.D (-1556) (-)

10.12

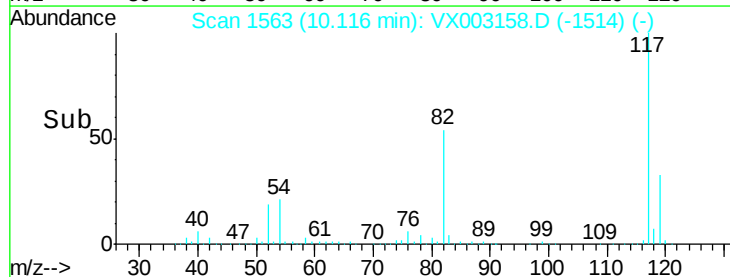
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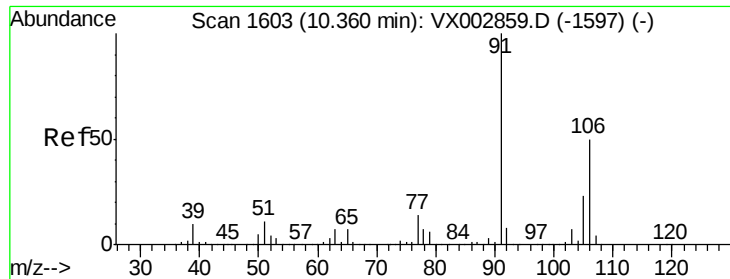
200000

100000

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Time-->

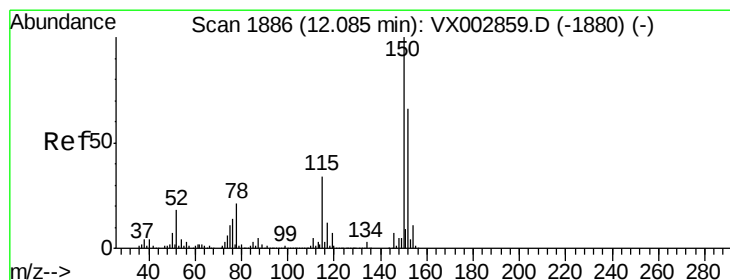
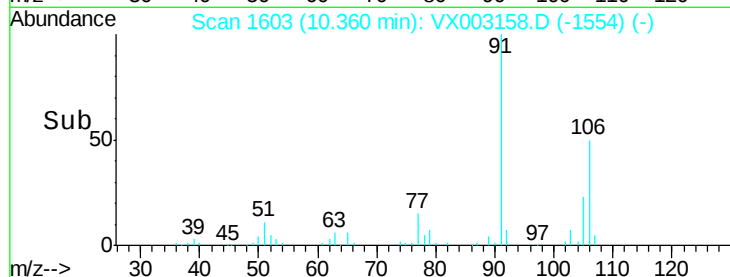
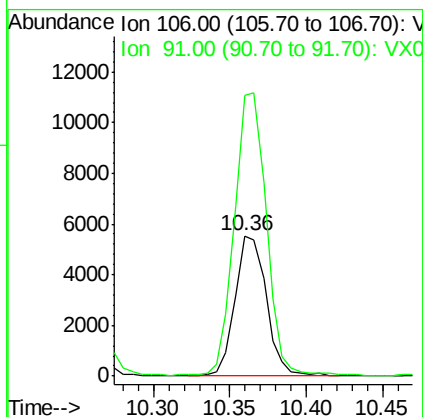
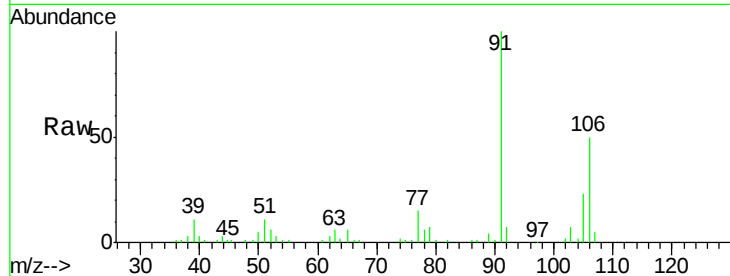




#68
m/p-Xvlenes
Concen: 1.399 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX003158.D
Acq: 03 Jul 2018 19:27

Instrument :
MSVOA_X
ClientSampled :
S10-0142DL

Tot Ion:106 Resp: 7913
Ion Ratio Lower Upper
106 100
91 207.2 163.4 245.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX003158.D
Acq: 03 Jul 2018 19:27

Tgt Ion:152 Resp: 204284
Ion Ratio Lower Upper
152 100
115 53.9 40.1 120.2
150 156.9 0.0 347.2

