

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032918\
 Data File : VX000516.D
 Acq On : 29 Mar 2018 16:49
 Operator : JC/MD
 Sample : J2097-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PZ-3

Quant Time: Mar 30 11:38:11 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	121764	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	220446	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	217914	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	115413	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	90143	56.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.42%	
35) Dibromofluoromethane	5.51	113	68642	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	
50) Toluene-d8	8.73	98	284183	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	
62) 4-Bromofluorobenzene	11.15	95	99443	42.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.06%	

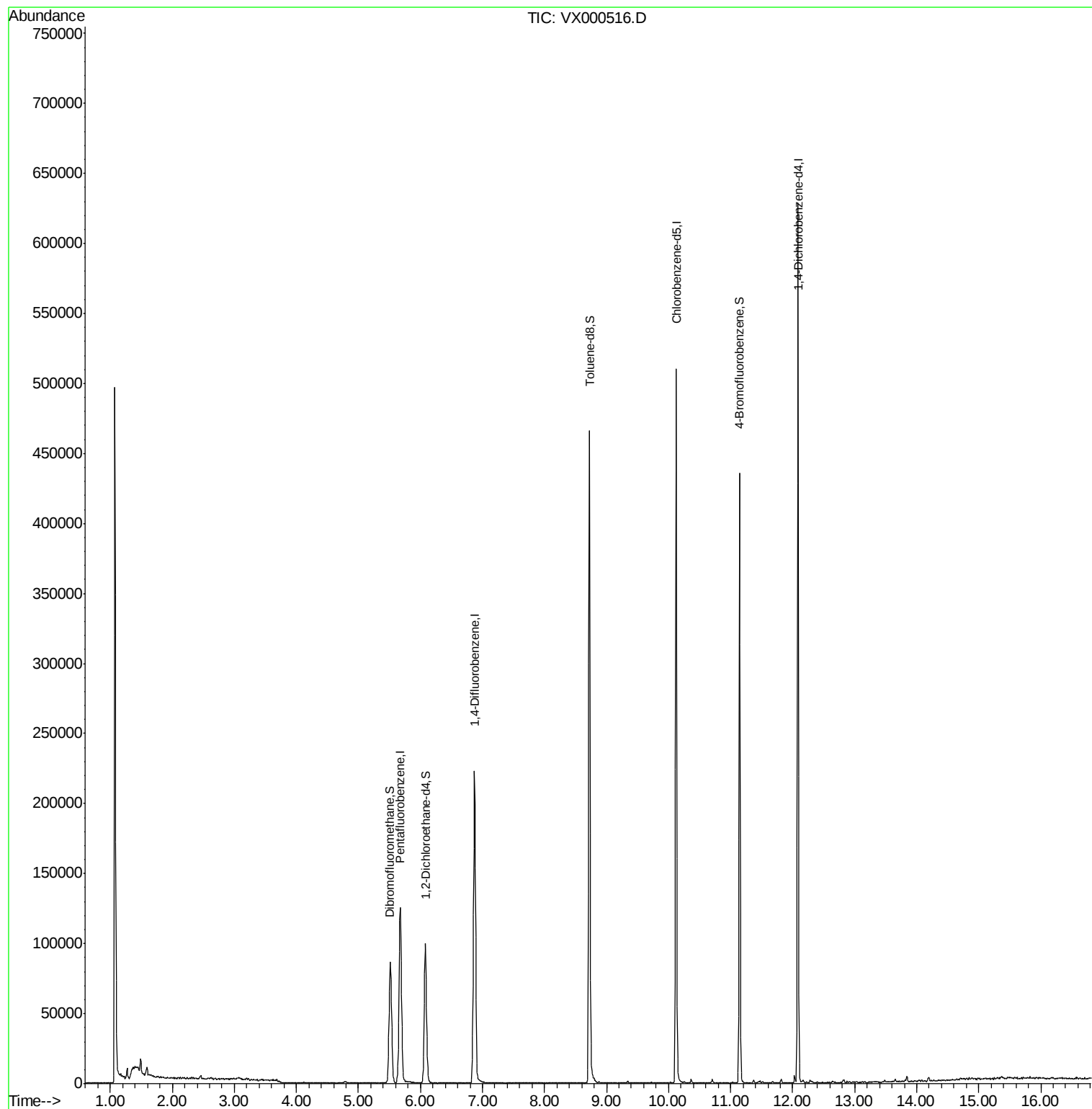
Target Compounds	Qvalue

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

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Quant Title : SW846 8260
QLast Update : Wed Mar 21 04:52:42 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.00 min

Lab File: VX000516.D

Acq: 29 Mar 2018 16:49

Instrument :

MSVOA_X

ClientSampled :

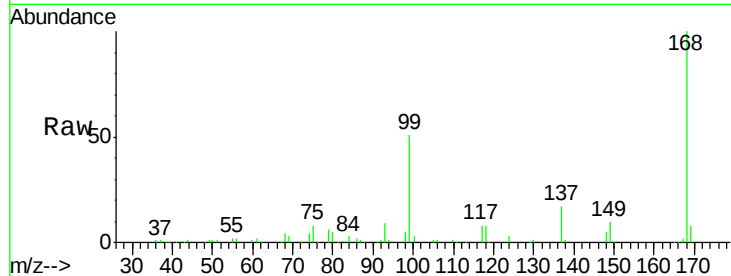
PZ-3

Tot Ion:168 Resp: 121764

Ion Ratio Lower Upper

168 100

99 50.9 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

40000

30000

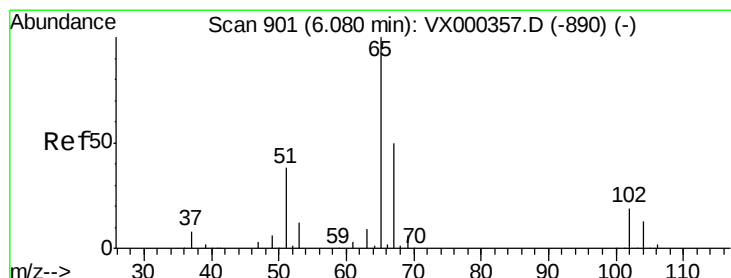
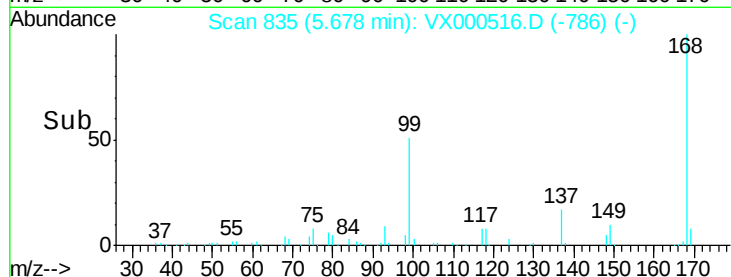
20000

10000

0

5.60 5.70 5.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 56.71 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.00 min

Lab File: VX000516.D

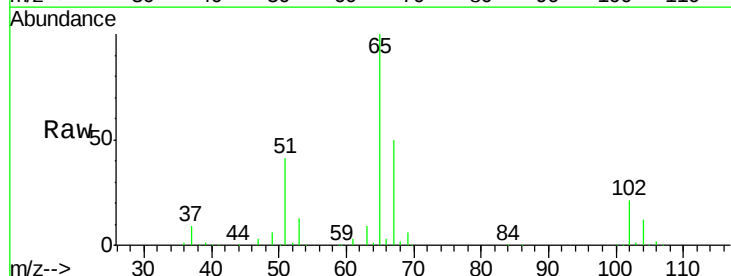
Acq: 29 Mar 2018 16:49

Tgt Ion: 65 Resp: 90143

Ion Ratio Lower Upper

65 100

67 51.1 0.0 103.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.08

40000

30000

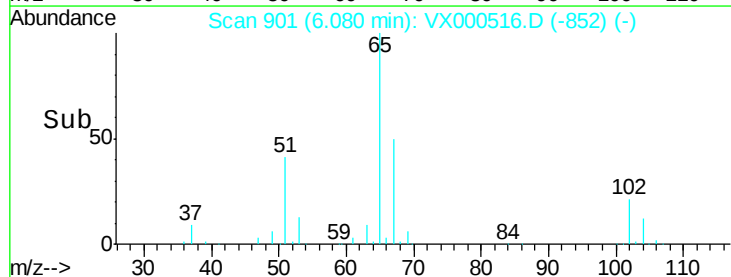
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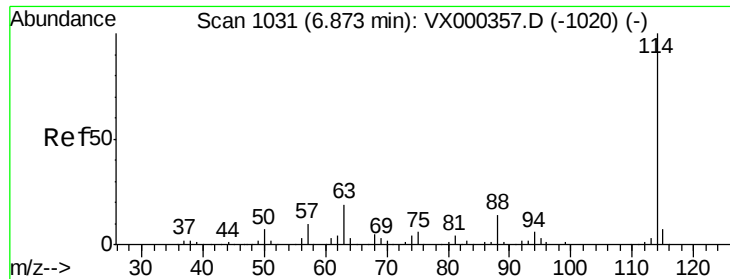
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0

6.00 6.10 6.20

Time-->

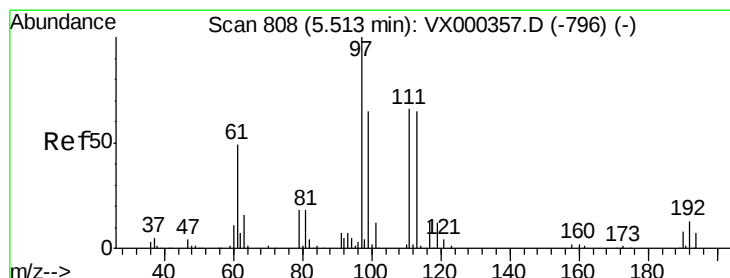
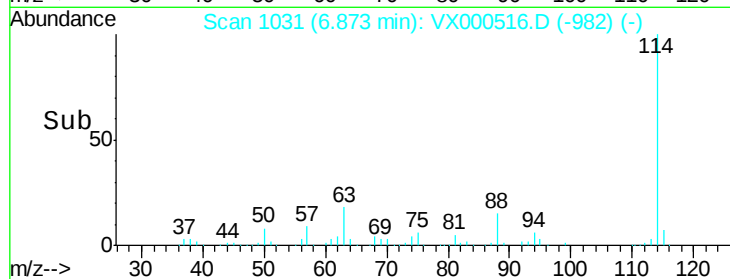
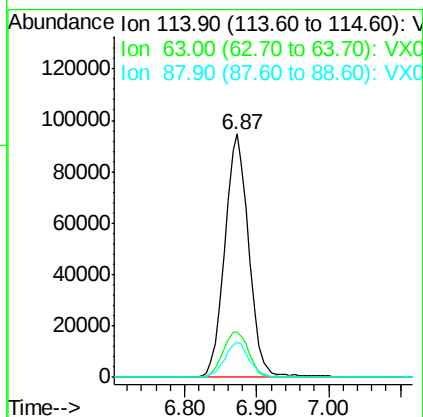
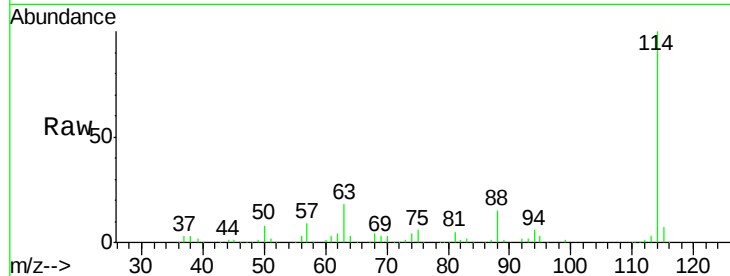




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000516.D
 Acq: 29 Mar 2018 16:49

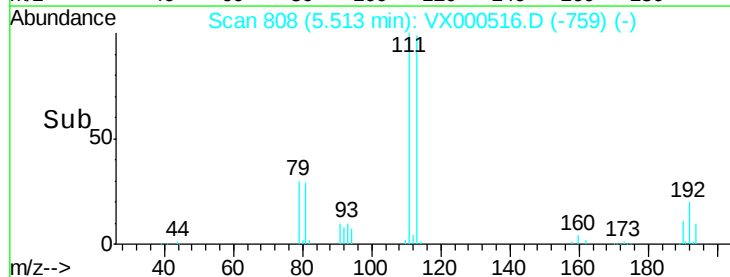
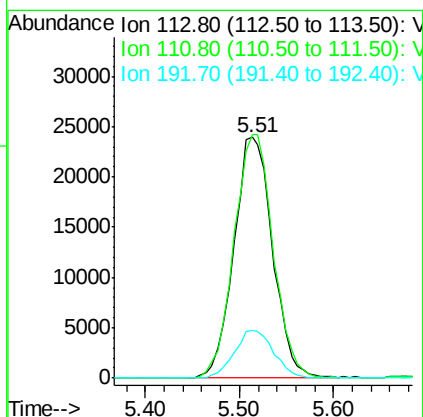
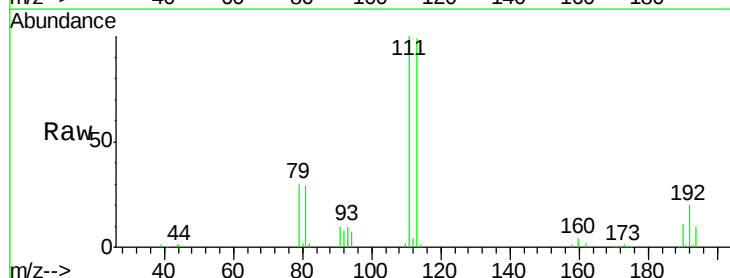
Instrument :
 MSVOA_X
 ClientSampleId :
 PZ-3

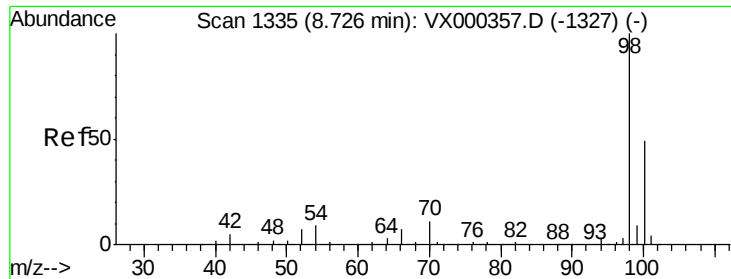
Tot Ion:114 Resp: 220446
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 38.4
 88 14.6 0.0 27.0



#35
 Dibromofluoromethane
 Concen: 49.42 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX000516.D
 Acq: 29 Mar 2018 16:49

Tgt Ion:113 Resp: 68642
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.4 123.6
 192 20.1 15.8 23.6

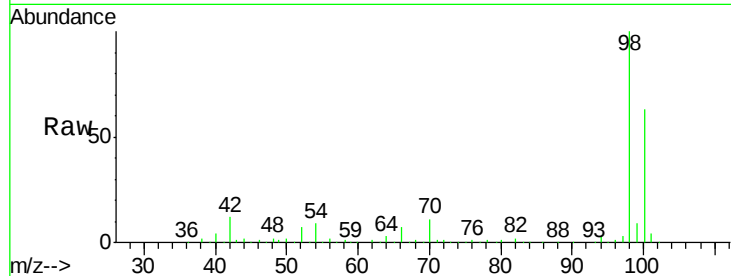




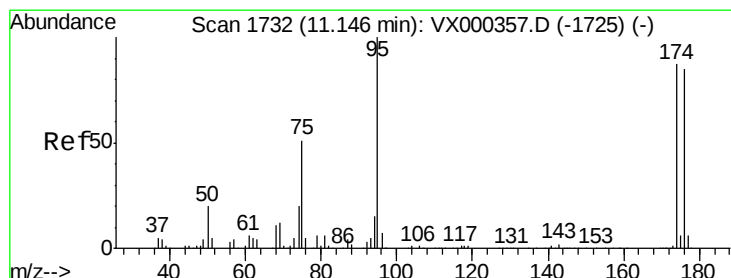
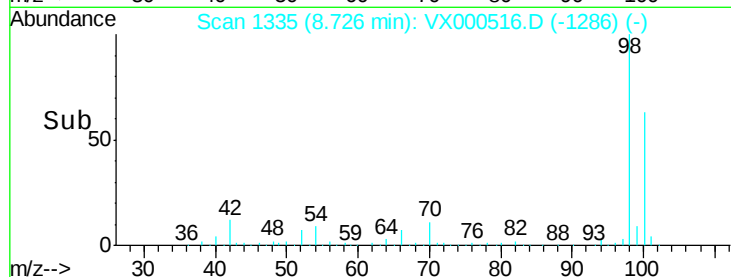
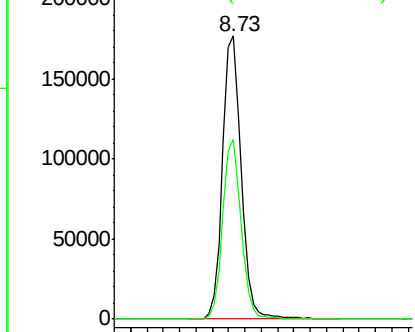
#50
Toluene-d8
Concen: 49.40 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000516.D
Acq: 29 Mar 2018 16:49

Instrument :
MSVOA_X
ClientSampleId :
PZ-3

Tot Ion: 98 Resp: 284183
Ion Ratio Lower Upper
98 100
100 62.4 51.2 76.8

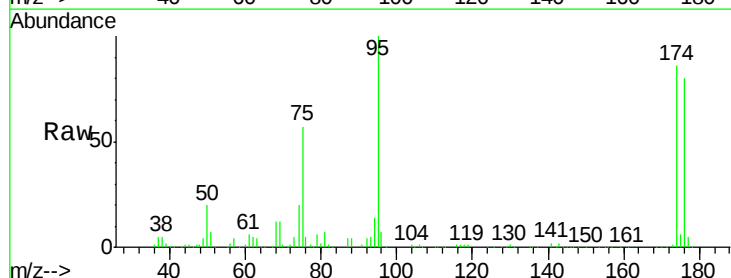


Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

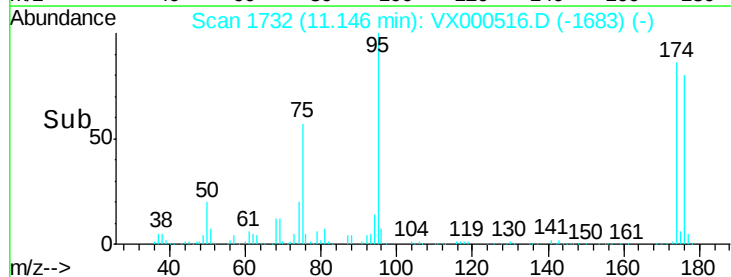
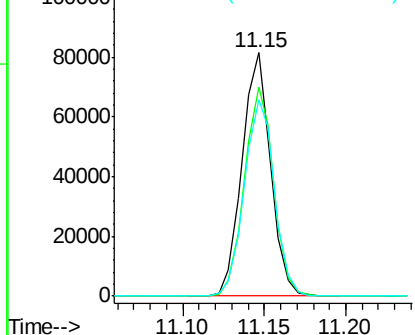


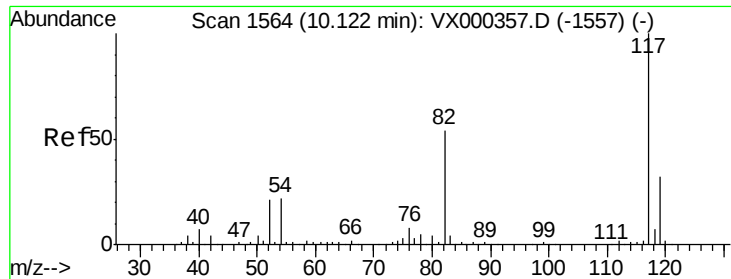
#62
4-Bromofluorobenzene
Concen: 42.03 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000516.D
Acq: 29 Mar 2018 16:49

Tgt Ion: 95 Resp: 99443
Ion Ratio Lower Upper
95 100
174 87.9 0.0 173.6
176 84.7 0.0 164.6



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

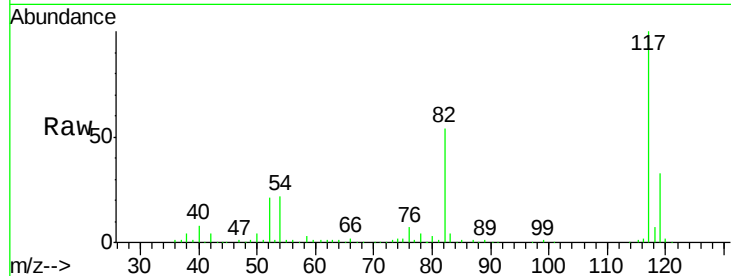




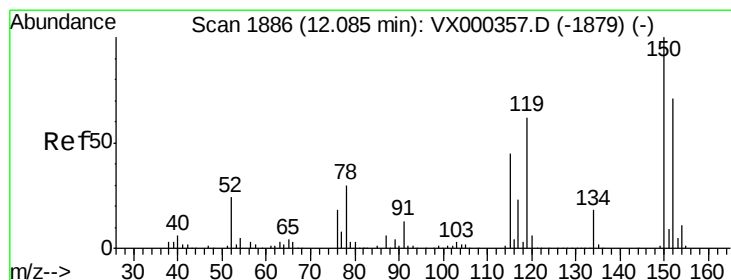
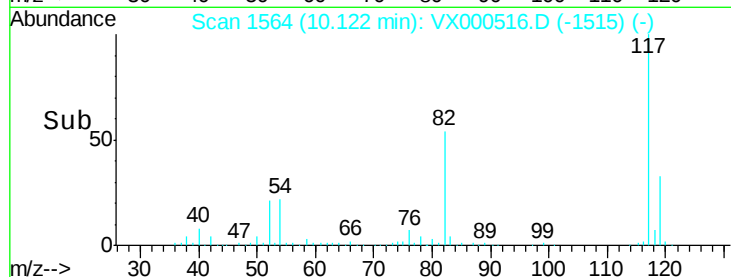
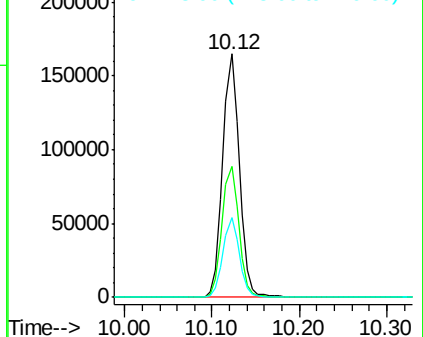
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000516.D
Acq: 29 Mar 2018 16:49

Instrument :
MSVOA_X
ClientSampled :
PZ-3

Tot Ion:117 Resp: 217914
Ion Ratio Lower Upper
117 100
82 53.7 43.8 65.8
119 32.7 24.9 37.3

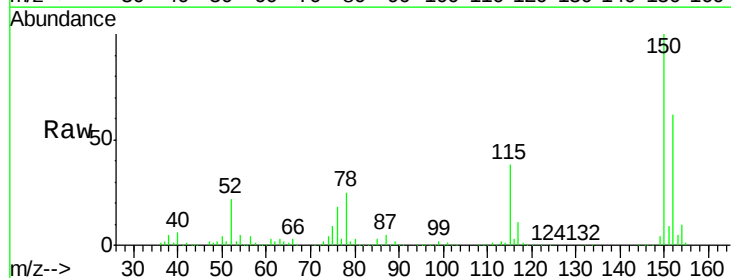


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX000516.D
Acq: 29 Mar 2018 16:49

Tgt Ion:152 Resp: 115413
Ion Ratio Lower Upper
152 100
115 58.6 39.8 119.3
150 157.3 0.0 344.4



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

