

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032218\
 Data File : VX000408.D
 Acq On : 22 Mar 2018 16:04
 Operator : JC/MD
 Sample : J2005-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CARBON-1-031918

Quant Time: Mar 23 06:13:18 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	5.67	168	86507	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	148969	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	139910	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	61528	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	62831	55.64	ug/l	0.00
Spiked Amount			Recovery	=	111.28%	
35) Dibromofluoromethane	5.52	113	48191	51.34	ug/l	0.00
Spiked Amount			Recovery	=	102.68%	
50) Toluene-d8	8.73	98	187778	48.30	ug/l	0.00
Spiked Amount			Recovery	=	96.60%	
62) 4-Bromofluorobenzene	11.15	95	58022	37.14	ug/l	0.00
Spiked Amount			Recovery	=	74.28%	

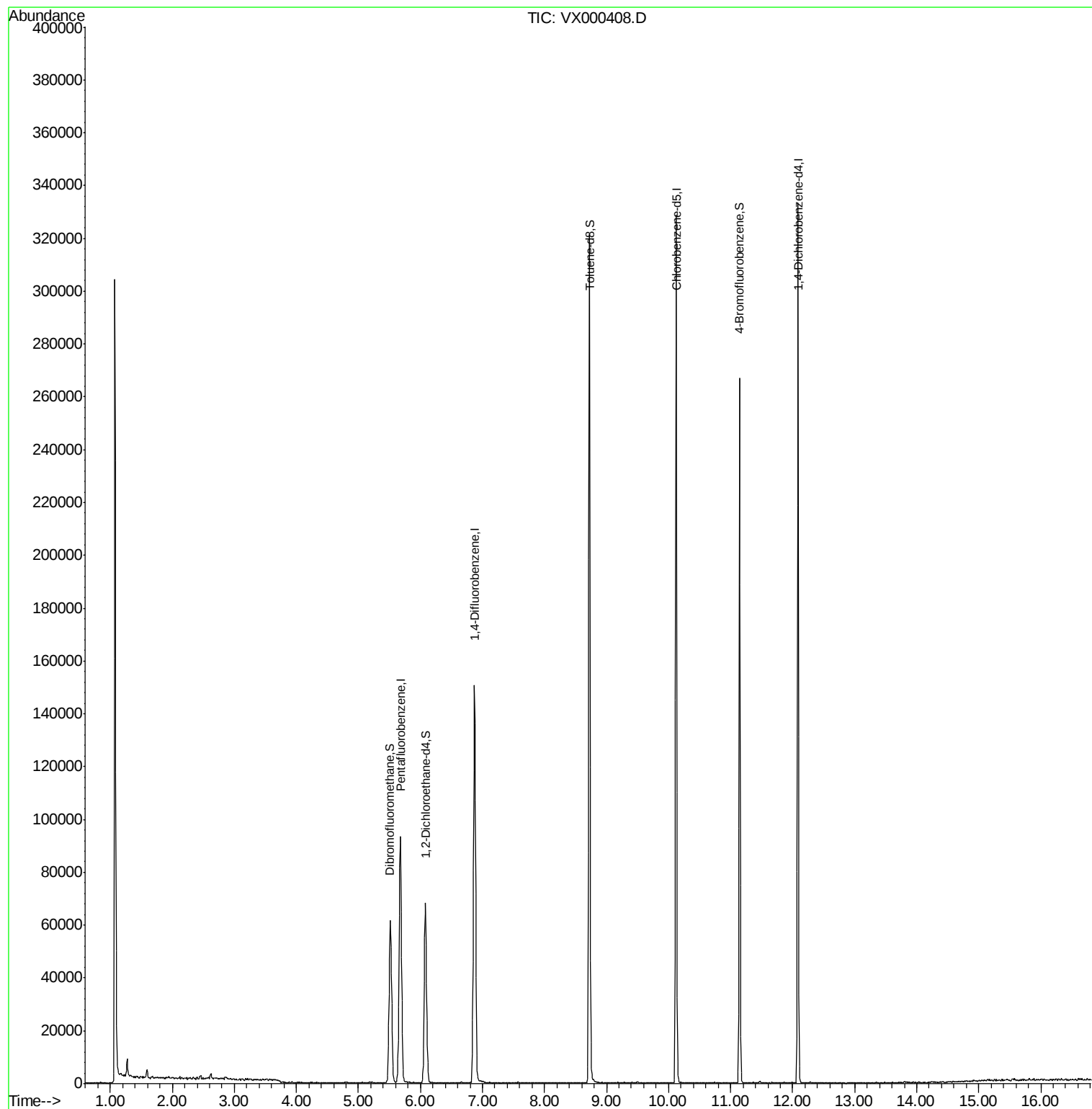
Target Compounds	Qvalue
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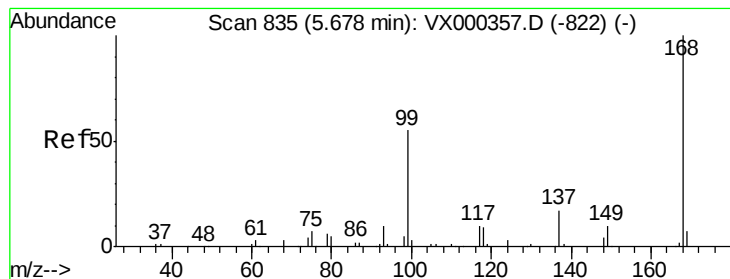
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000408.D

Acq: 22 Mar 2018 16:04

Instrument :

MSVOA_X

ClientSampleId :

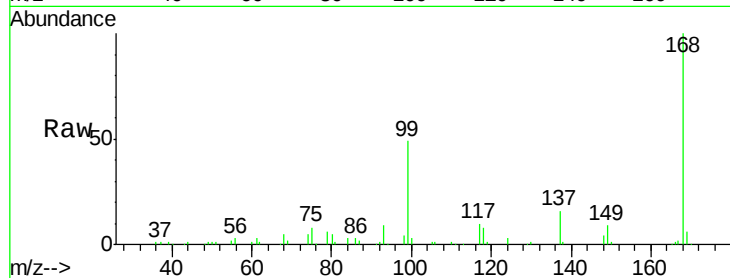
CARBON-1-031918

Tot Ion:168 Resp: 86507

Ion Ratio Lower Upper

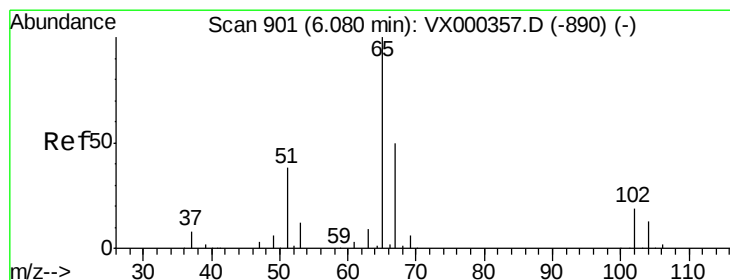
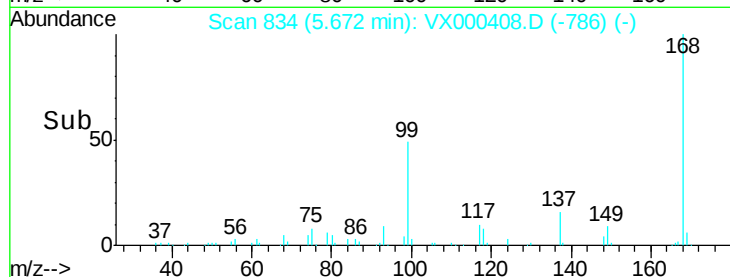
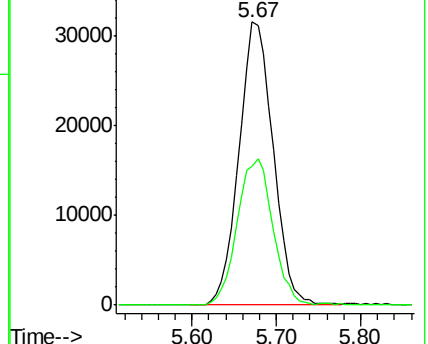
168 100

99 49.0 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 55.64 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.00 min

Lab File: VX000408.D

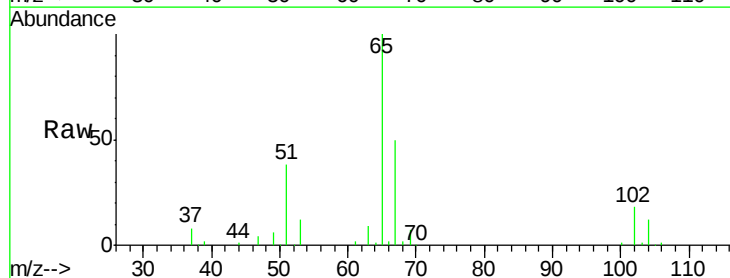
Acq: 22 Mar 2018 16:04

Tgt Ion: 65 Resp: 62831

Ion Ratio Lower Upper

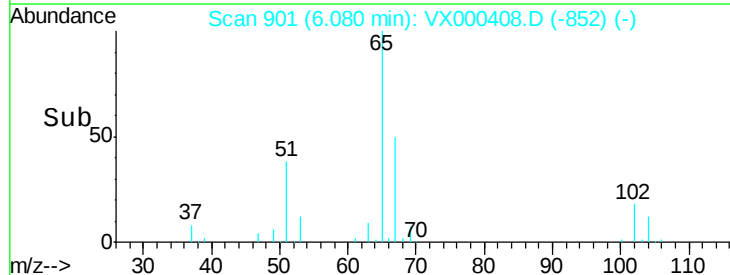
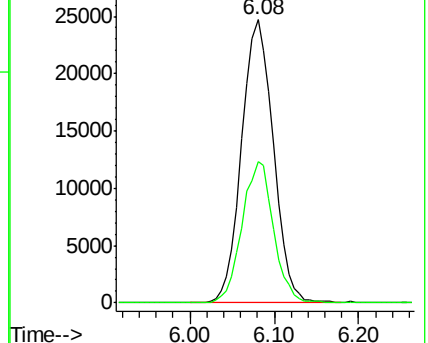
65 100

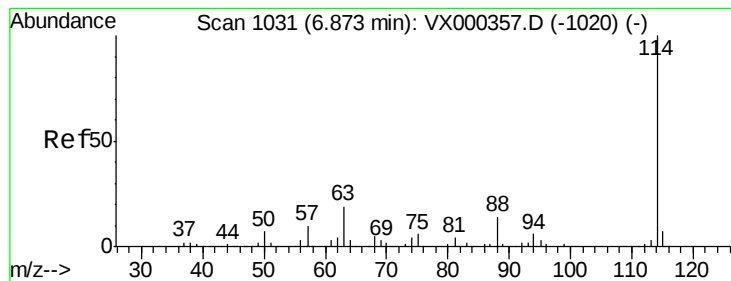
67 49.3 0.0 103.2



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. 0.00 min

Lab File: VX000408.D

Acq: 22 Mar 2018 16:04

Instrument :

MSVOA_X

ClientSampleId :

CARBON-1-031918

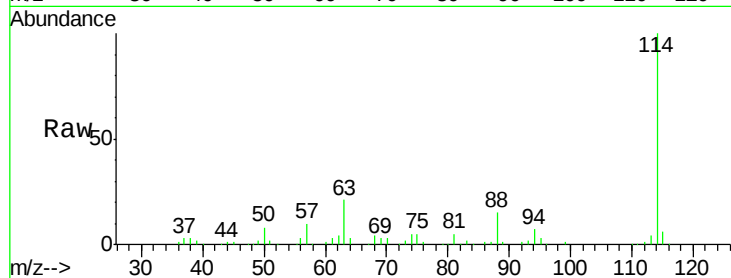
Tot Ion:114 Resp: 148969

Ion Ratio Lower Upper

114 100

63 21.5 0.0 38.4

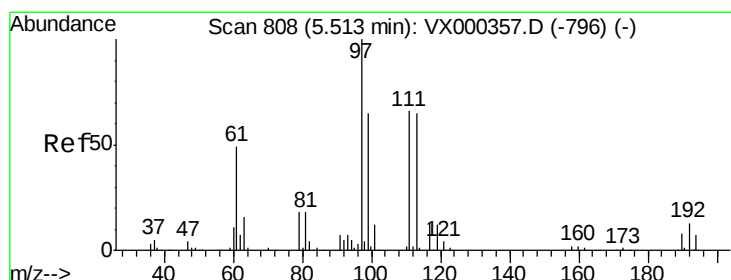
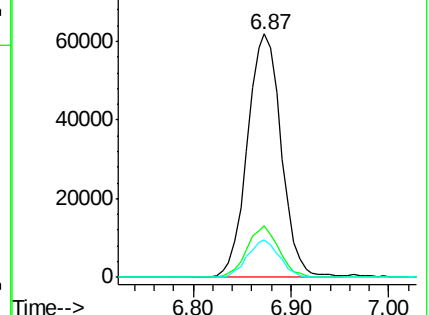
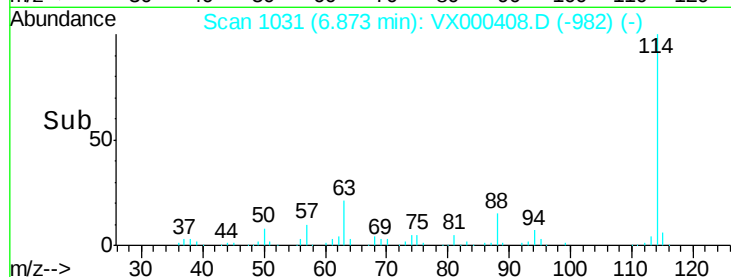
88 15.3 0.0 27.0



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: 51.34 ug/l

RT: 5.52 min Scan# 809

Delta R.T. 0.01 min

Lab File: VX000408.D

Acq: 22 Mar 2018 16:04

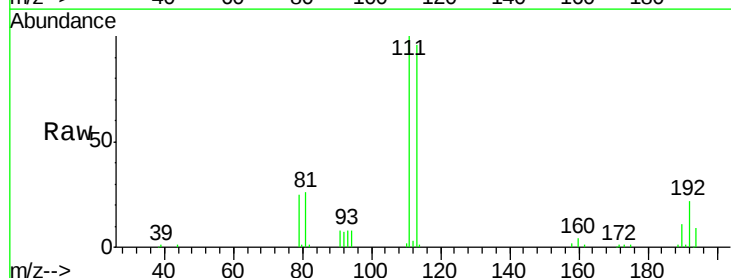
Tgt Ion:113 Resp: 48191

Ion Ratio Lower Upper

113 100

111 102.9 82.4 123.6

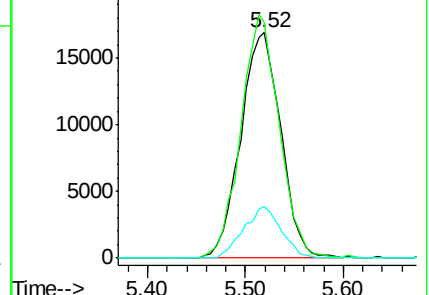
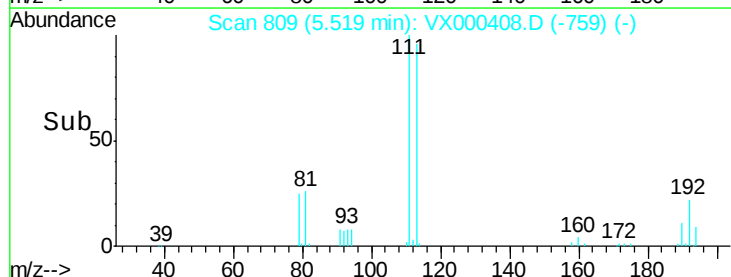
192 21.6 15.8 23.6

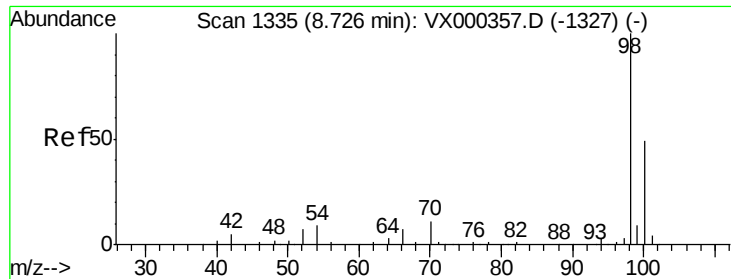


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

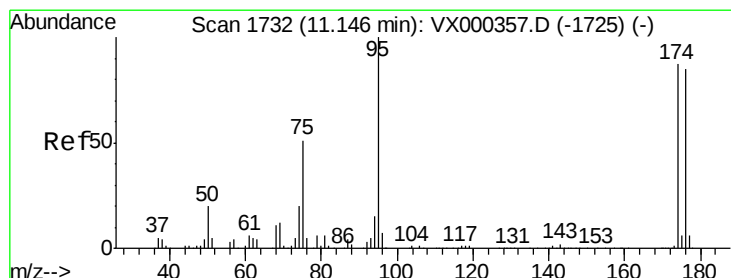
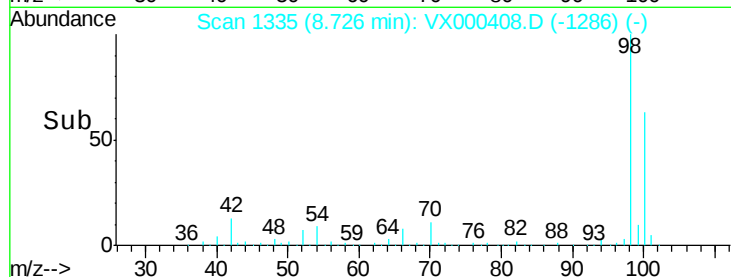
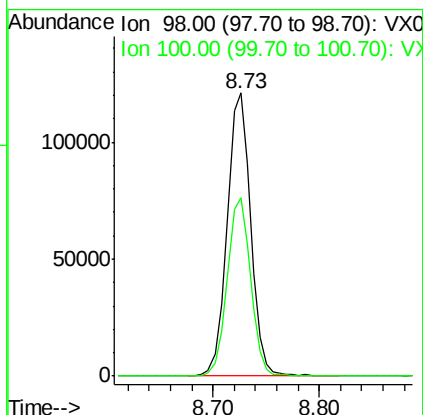
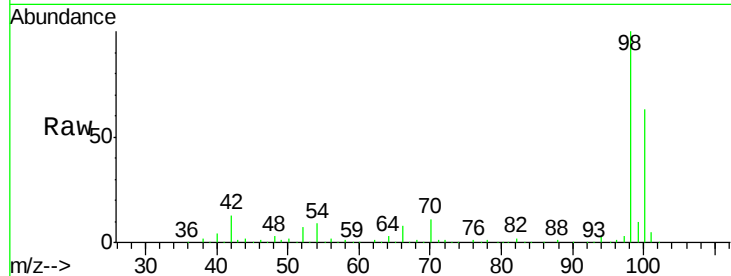




#50
Toluene-d8
Concen: 48.30 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000408.D
Acq: 22 Mar 2018 16:04

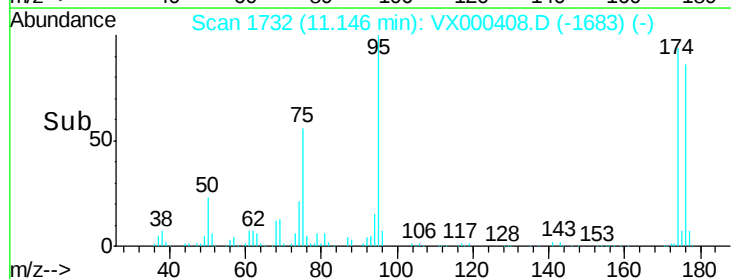
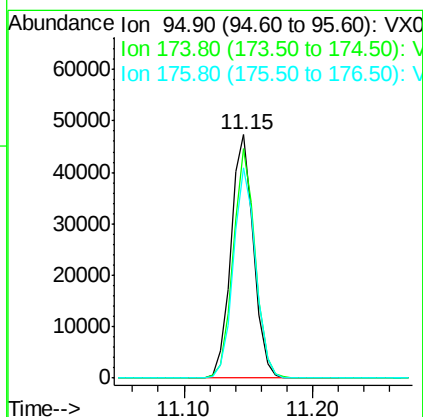
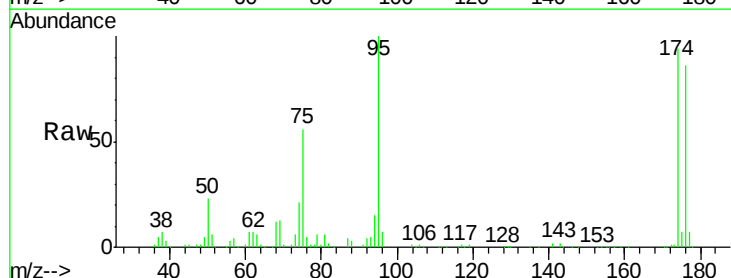
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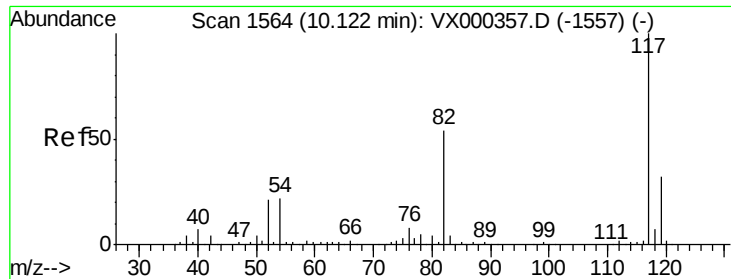
Tot Ion: 98 Resp: 187778
Ion Ratio Lower Upper
98 100
100 62.8 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 37.14 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000408.D
Acq: 22 Mar 2018 16:04

Tgt Ion: 95 Resp: 58022
Ion Ratio Lower Upper
95 100
174 91.8 0.0 173.6
176 85.8 0.0 164.6

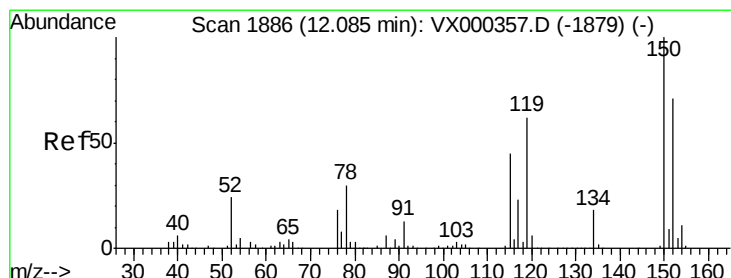
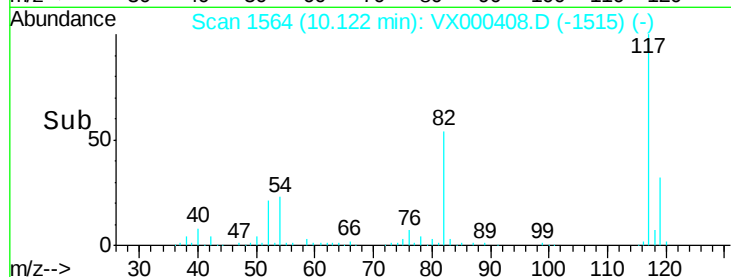
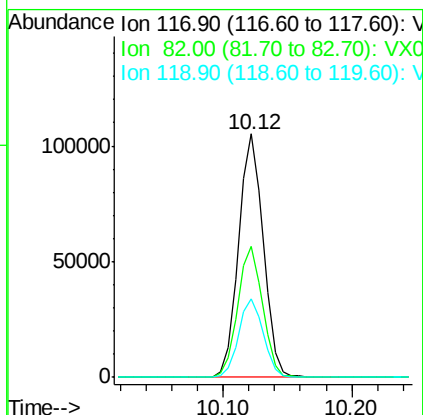
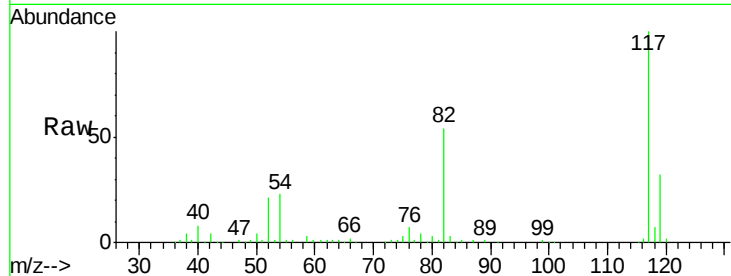




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000408.D
Acq: 22 Mar 2018 16:04

Instrument :
MSVOA_X
ClientSampleId :
CARBON-1-031918

Tot Ion:117 Resp: 139910
Ion Ratio Lower Upper
117 100
82 53.6 43.8 65.8
119 32.0 24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX000408.D
Acq: 22 Mar 2018 16:04

Tgt Ion:152 Resp: 61528
Ion Ratio Lower Upper
152 100
115 55.6 39.8 119.3
150 158.2 0.0 344.4

