

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032218\
 Data File : VX000419.D
 Acq On : 22 Mar 2018 20:44
 Operator : JC/MD
 Sample : J1992-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DRUM-1-4-A

Quant Time: Mar 23 07:08:38 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

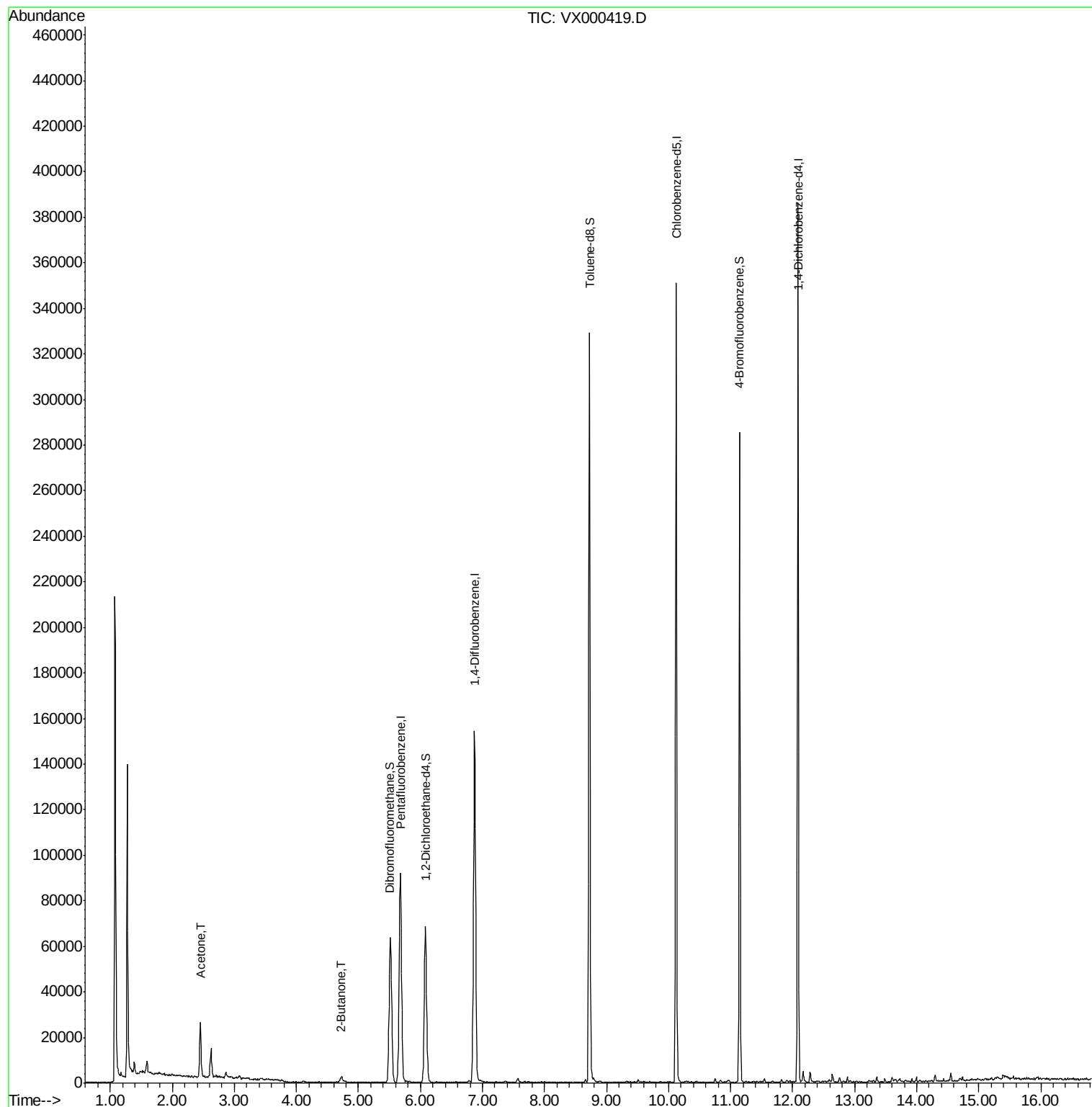
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	86861	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	152839	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	145800	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	69777	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	63658	56.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.28%	
35) Dibromofluoromethane	5.51	113	49649	51.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.12%	
50) Toluene-d8	8.73	98	191162	47.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.86%	
62) 4-Bromofluorobenzene	11.15	95	61294	38.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.10%	
Target Compounds						
16) Acetone	2.45	43	26332	27.92	ug/l	Qvalue 100
25) 2-Butanone	4.73	43	4371	4.12	ug/l	98

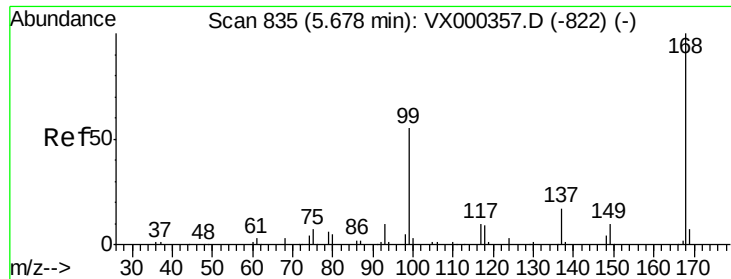
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000419.D

Acq: 22 Mar 2018 20:44

Instrument :

MSVOA_X

ClientSampleId :

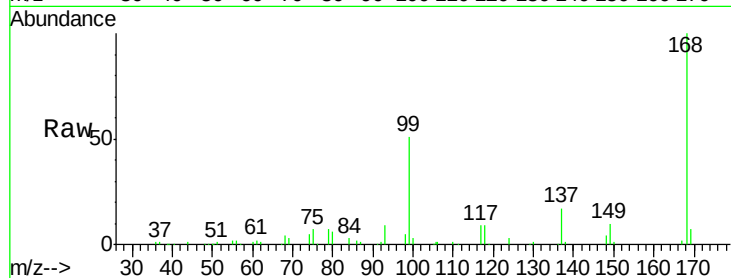
DRUM-1-4-A

Tot Ion:168 Resp: 86861

Ion Ratio Lower Upper

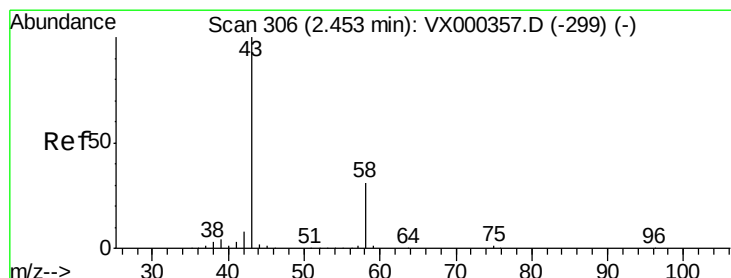
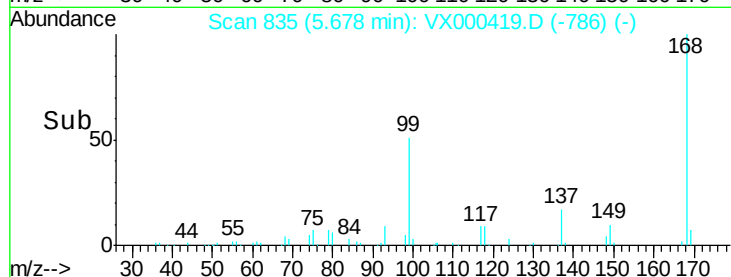
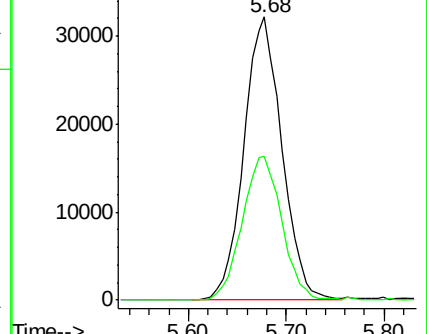
168 100

99 50.8 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 27.92 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX000419.D

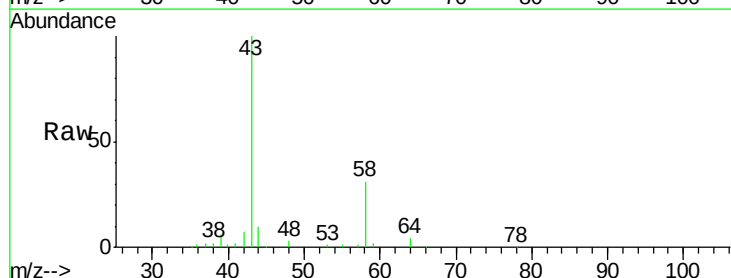
Acq: 22 Mar 2018 20:44

Tgt Ion: 43 Resp: 26332

Ion Ratio Lower Upper

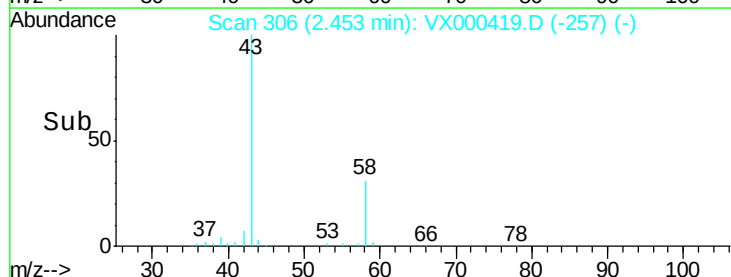
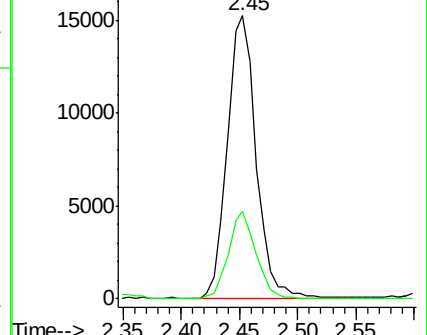
43 100

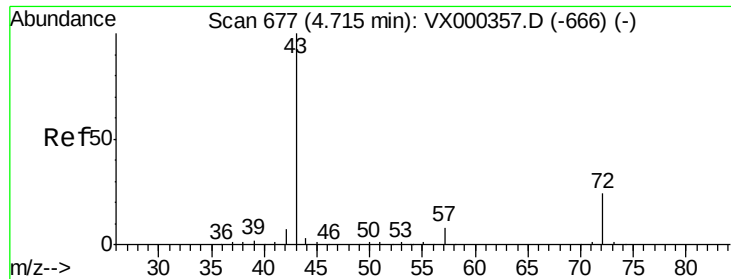
58 30.9 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#25

2-Butanone

Concen: 4.12 ug/l

RT: 4.73 min Scan# 679

Delta R.T. 0.01 min

Lab File: VX000419.D

Acq: 22 Mar 2018 20:44

Instrument :

MSVOA_X

ClientSampleId :

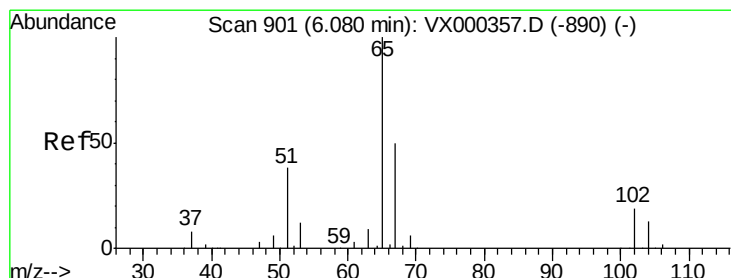
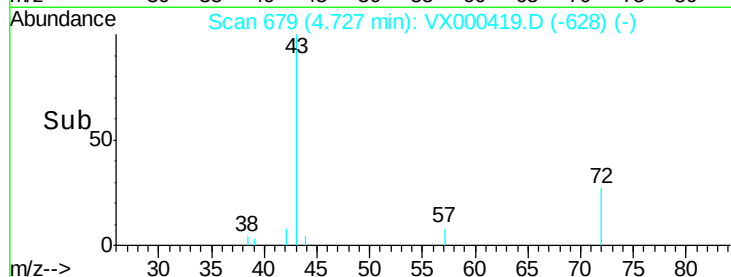
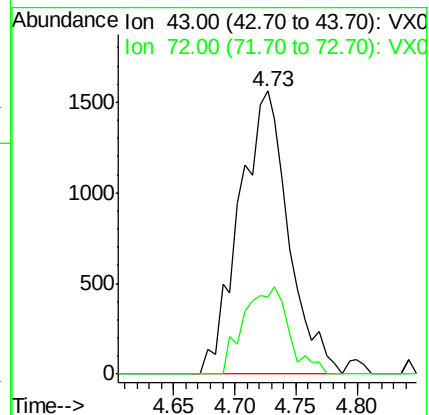
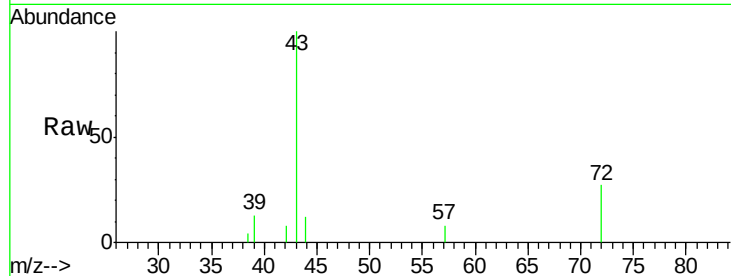
DRUM-1-4-A

Tot Ion: 43 Resp: 4371

Ion Ratio Lower Upper

43 100

72 27.3 21.0 31.6



#33

1,2-Dichloroethane-d4

Concen: 56.14 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.00 min

Lab File: VX000419.D

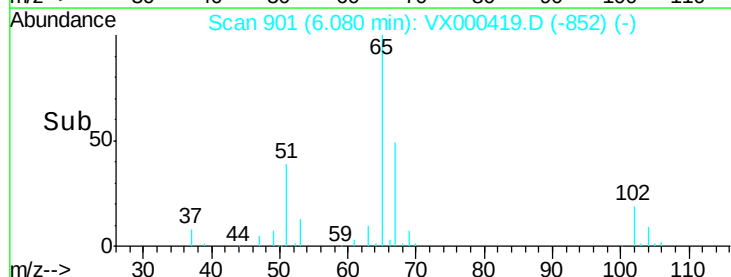
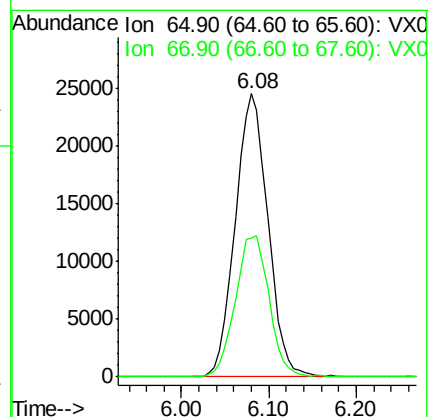
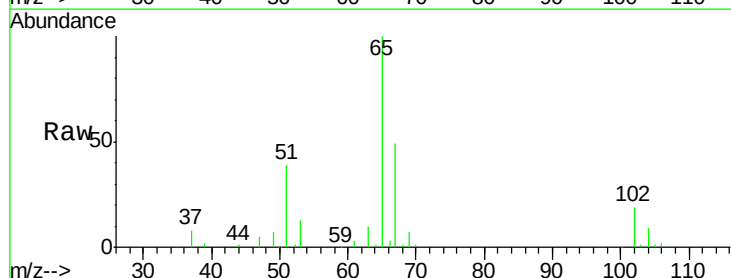
Acq: 22 Mar 2018 20:44

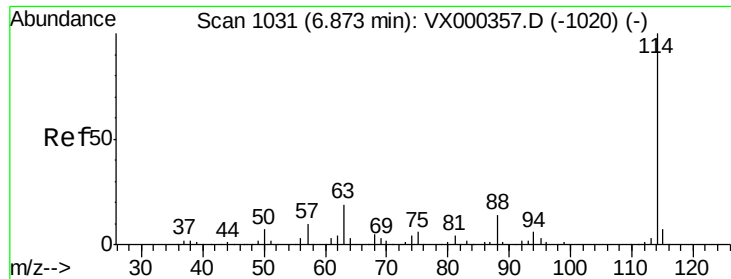
Tgt Ion: 65 Resp: 63658

Ion Ratio Lower Upper

65 100

67 51.5 0.0 103.2

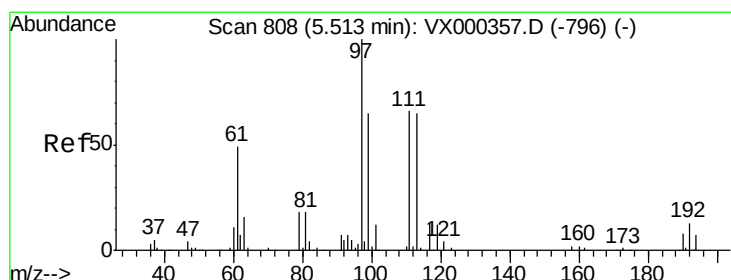
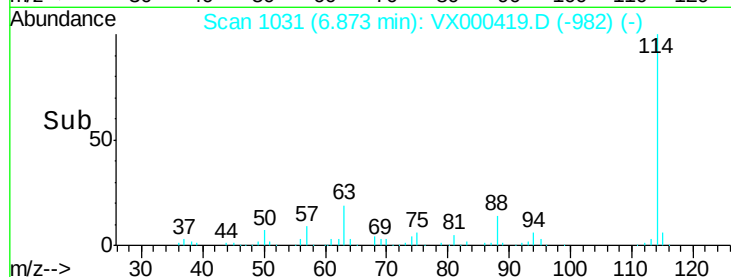
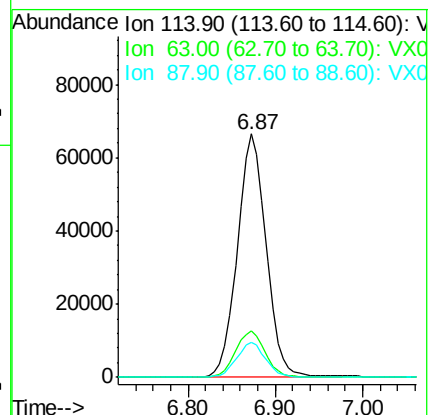
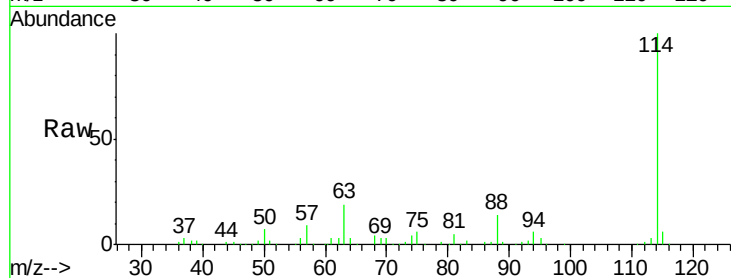




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000419.D
 Acq: 22 Mar 2018 20:44

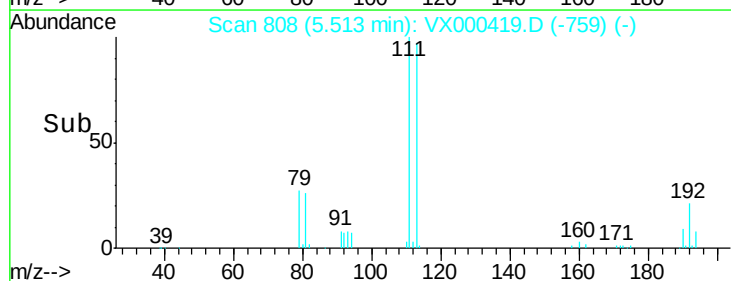
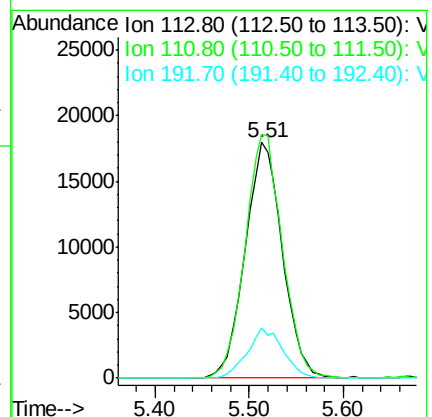
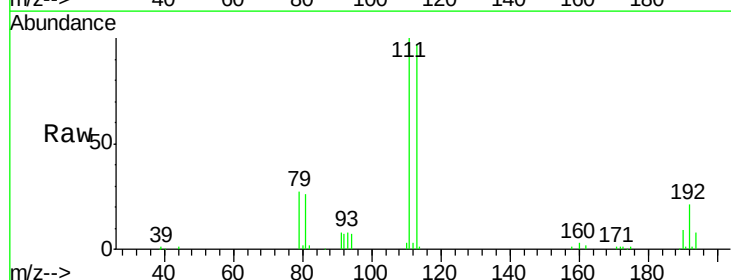
Instrument :
 MSVOA_X
 ClientSampleId :
 DRUM-1-4-A

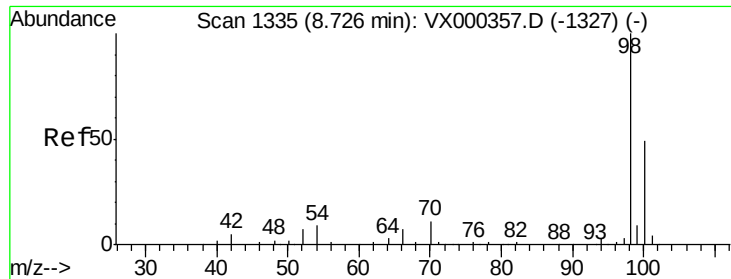
Tot Ion:114 Resp: 152839
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 38.4
 88 14.4 0.0 27.0



#35
 Dibromofluoromethane
 Concen: 51.56 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX000419.D
 Acq: 22 Mar 2018 20:44

Tgt Ion:113 Resp: 49649
 Ion Ratio Lower Upper
 113 100
 111 103.5 82.4 123.6
 192 20.4 15.8 23.6

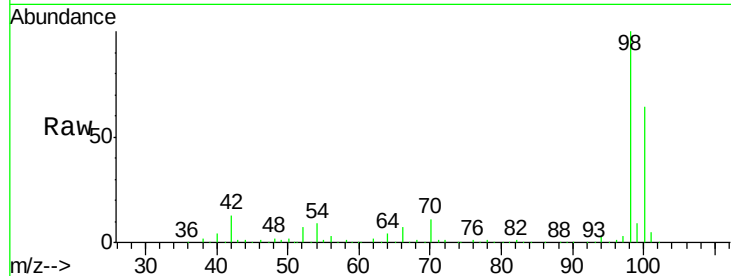




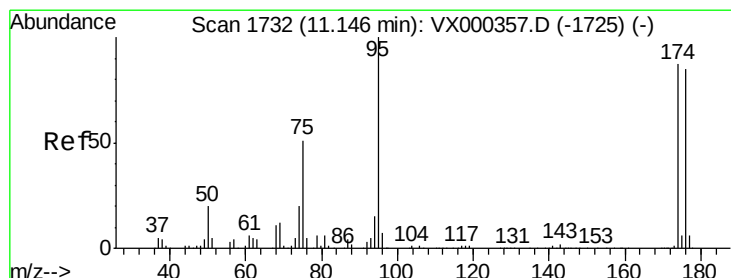
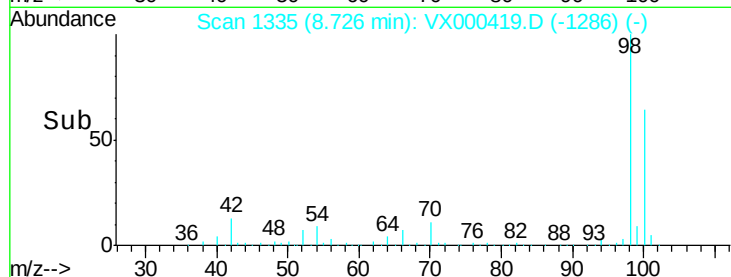
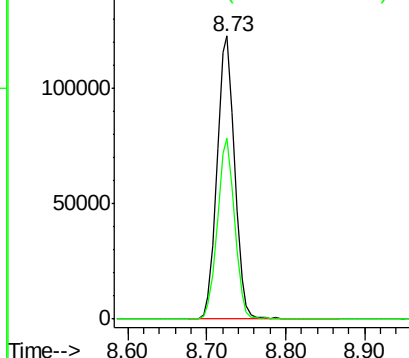
#50
Toluene-d8
Concen: 47.93 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000419.D
Acq: 22 Mar 2018 20:44

Instrument :
MSVOA_X
ClientSampled :
DRUM-1-4-A

Tot Ion: 98 Resp: 191162
Ion Ratio Lower Upper
98 100
100 62.1 51.2 76.8

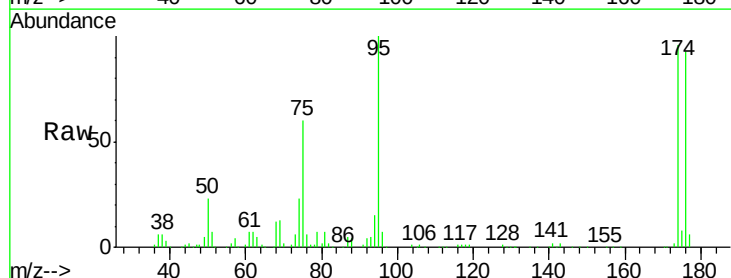


Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

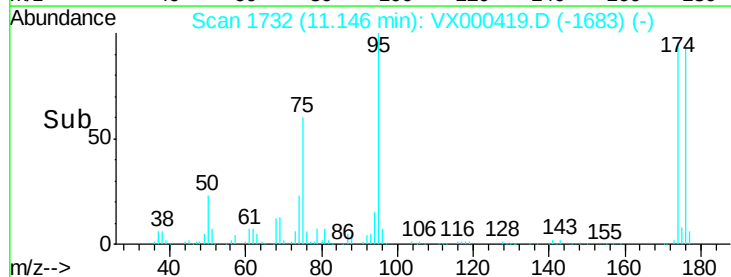
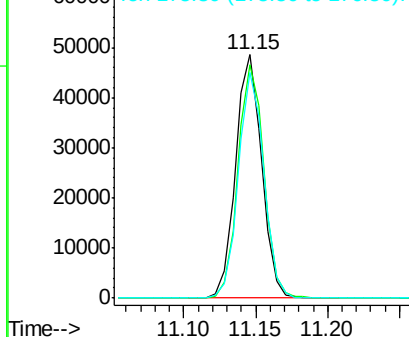


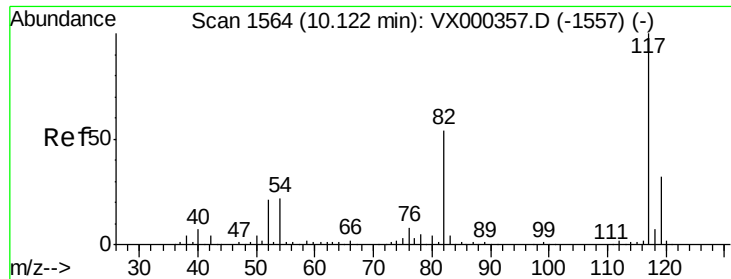
#62
4-Bromofluorobenzene
Concen: 38.05 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000419.D
Acq: 22 Mar 2018 20:44

Tgt Ion: 95 Resp: 61294
Ion Ratio Lower Upper
95 100
174 94.7 0.0 173.6
176 90.2 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

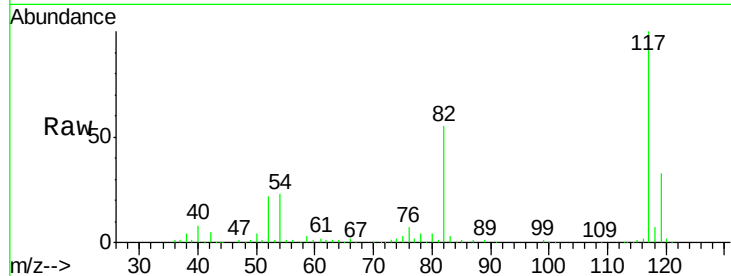




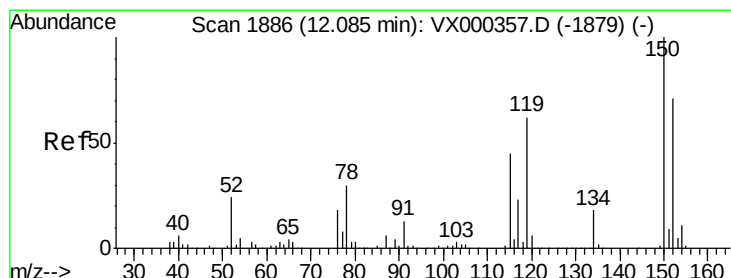
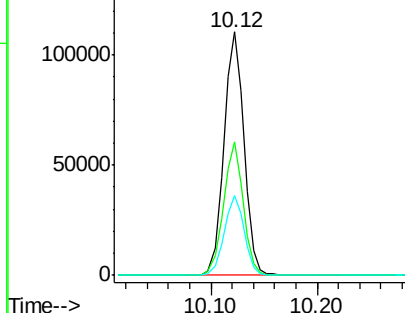
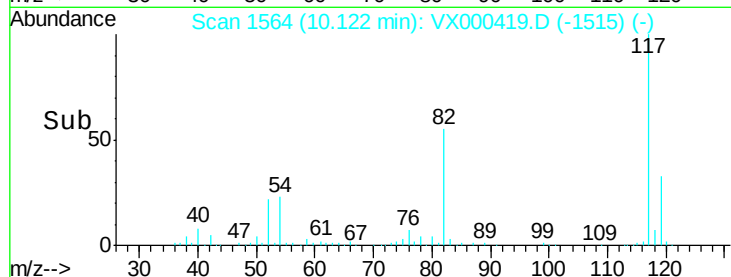
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000419.D
Acq: 22 Mar 2018 20:44

Instrument :
MSVOA_X
ClientSampleId :
DRUM-1-4-A

Tot Ion:117 Resp: 145800
Ion Ratio Lower Upper
117 100
82 54.8 43.8 65.8
119 32.7 24.9 37.3

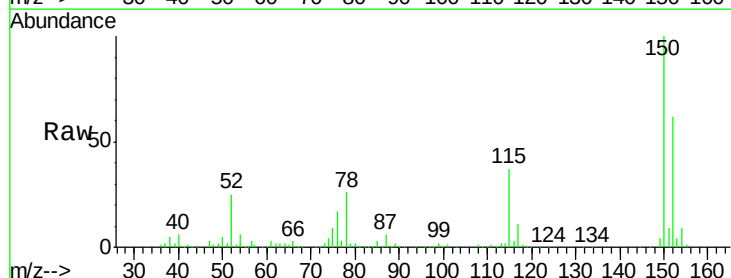


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000419.D
Acq: 22 Mar 2018 20:44

Tgt Ion:152 Resp: 69777
Ion Ratio Lower Upper
152 100
115 58.6 39.8 119.3
150 159.9 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

