

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX040418\
 Data File : VX000671.D
 Acq On : 04 Apr 2018 21:43
 Operator : JC/MD
 Sample : J2211-03 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DRUM-9

Quant Time: Apr 05 05:41:43 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 05 03:34:50 2018
 Response via : Initial Calibration

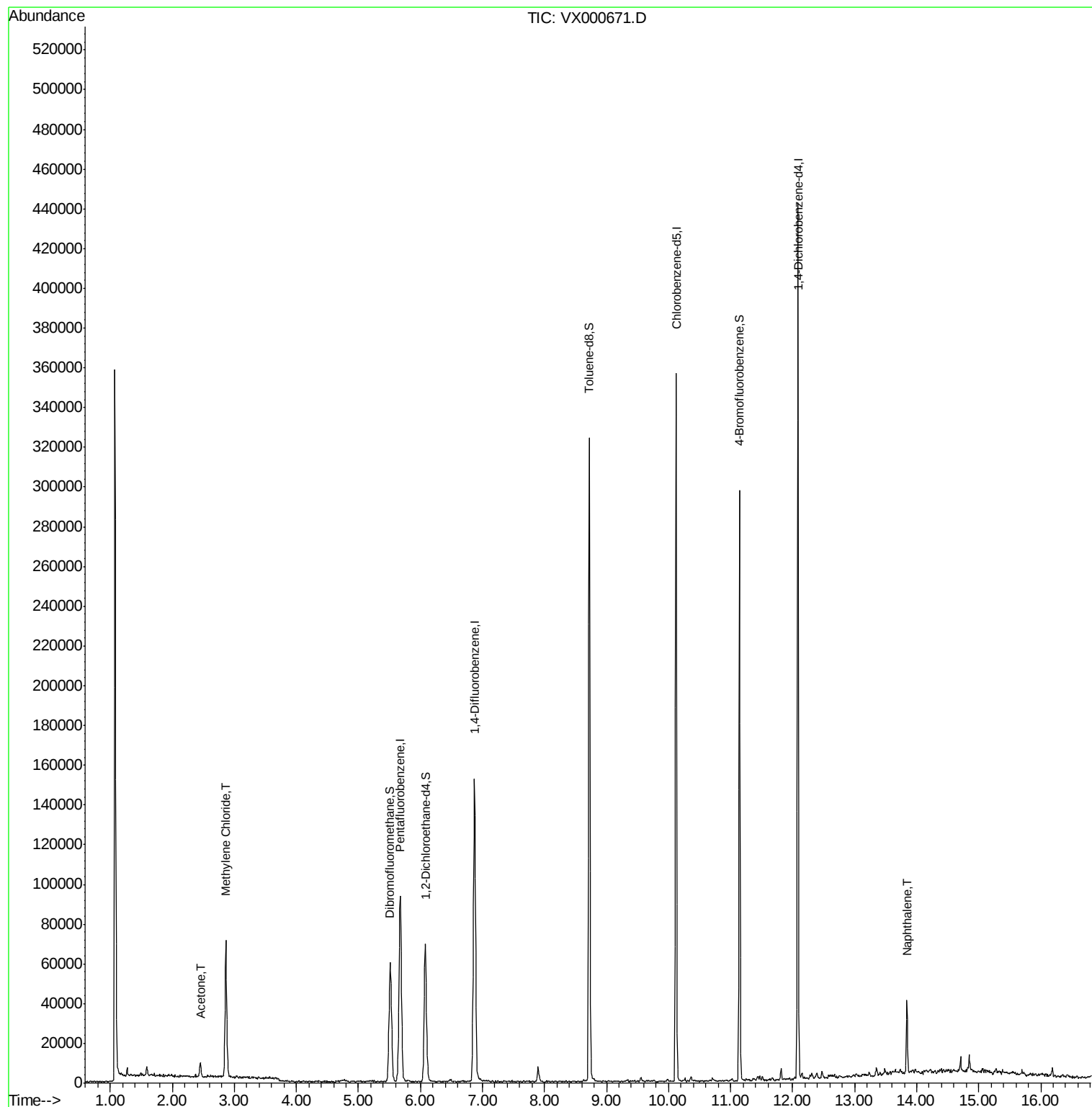
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	83470	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	145550	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	141436	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	75397	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	63804	44.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.98%	
35) Dibromofluoromethane	5.51	113	46577	46.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.76%	
50) Toluene-d8	8.72	98	182416	43.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.36%	
62) 4-Bromofluorobenzene	11.15	95	63246	37.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.64%	
Target Compounds						
16) Acetone	2.45	43	7187	6.16	ug/l	# 86
20) Methylene Chloride	2.86	84	29447	22.13	ug/l	95
95) Naphthalene	13.84	128	19411	3.42	ug/l	98

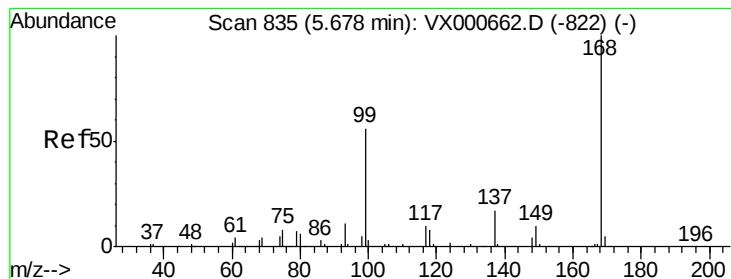
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX000671.D

Acq: 04 Apr 2018 21:43

Instrument :

MSVOA_X

ClientSampleId :

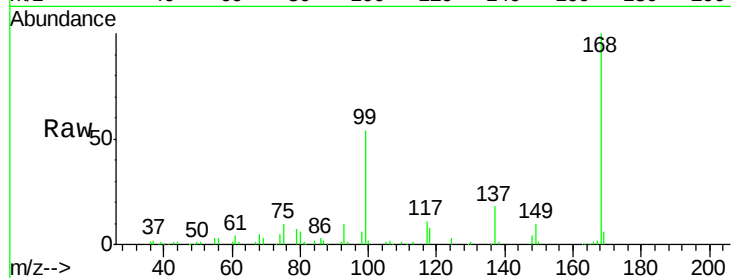
DRUM-9

Tot Ion:168 Resp: 83470

Ion Ratio Lower Upper

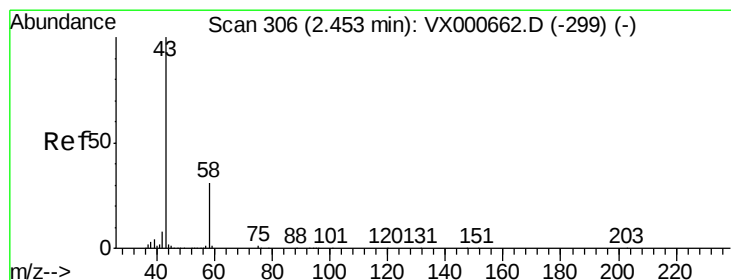
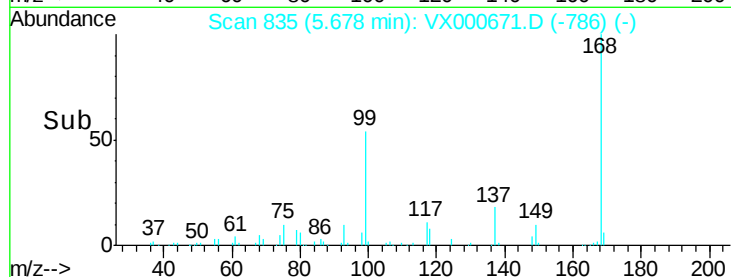
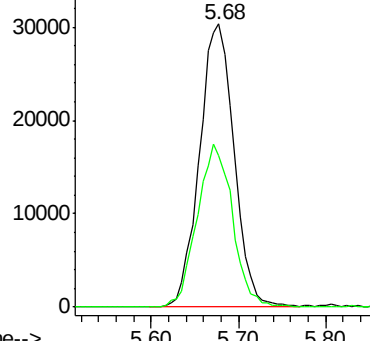
168 100

99 53.6 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 6.16 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX000671.D

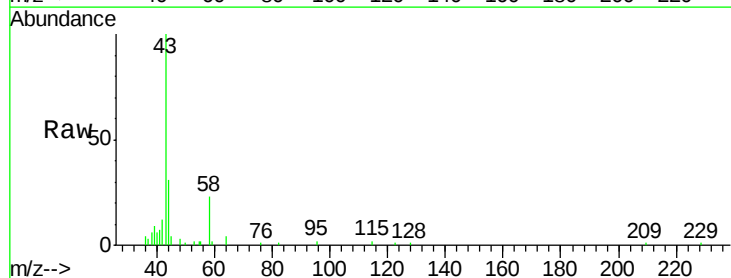
Acq: 04 Apr 2018 21:43

Tgt Ion: 43 Resp: 7187

Ion Ratio Lower Upper

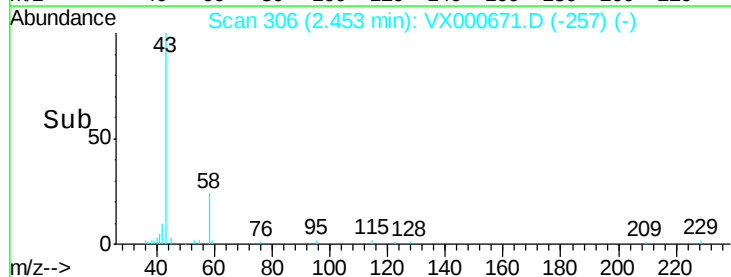
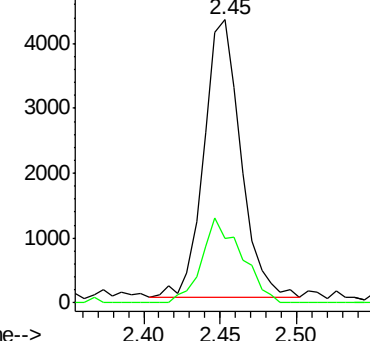
43 100

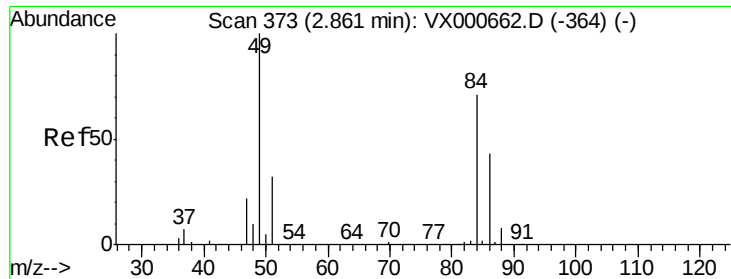
58 23.2 24.7 37.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#20

Methylene Chloride

Concen: 22.13 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX000671.D

Acq: 04 Apr 2018 21:43

Instrument :

MSVOA_X

ClientSampled :

DRUM-9

Tot Ion: 84 Resp: 29447

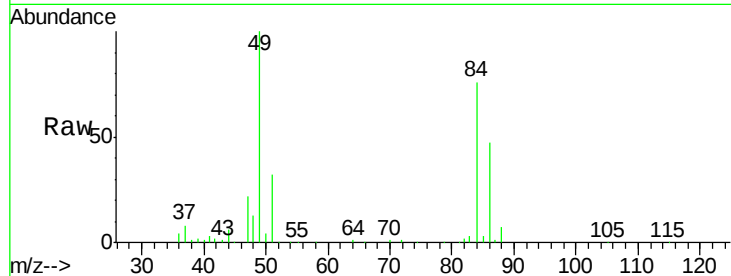
Ion Ratio Lower Upper

84 100

49 131.7 112.1 168.1

51 42.3 35.4 53.0

86 62.4 48.7 73.1

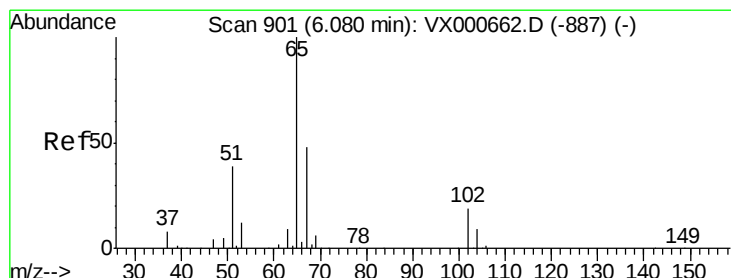
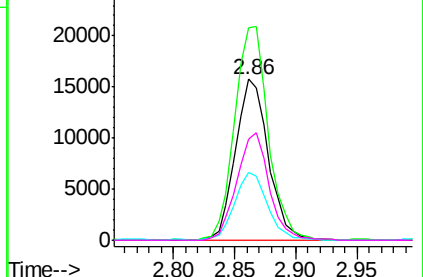
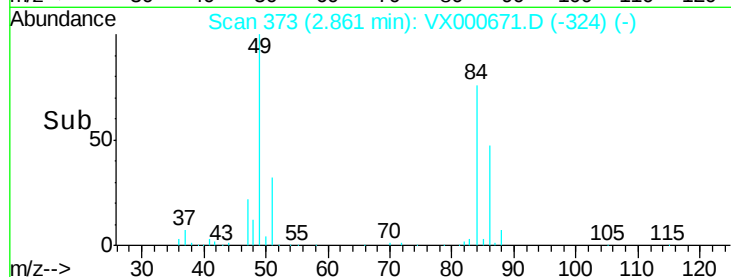


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 44.99 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.01 min

Lab File: VX000671.D

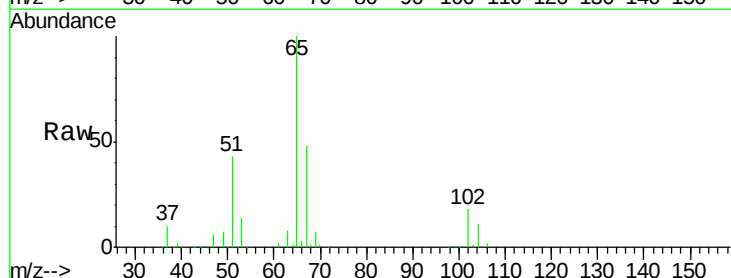
Acq: 04 Apr 2018 21:43

Tgt Ion: 65 Resp: 63804

Ion Ratio Lower Upper

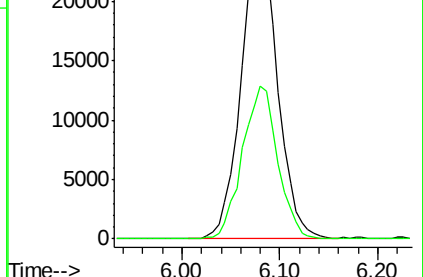
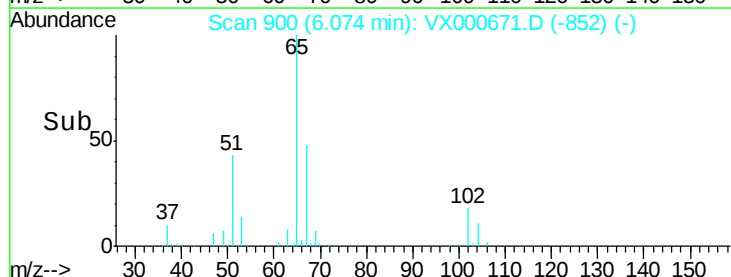
65 100

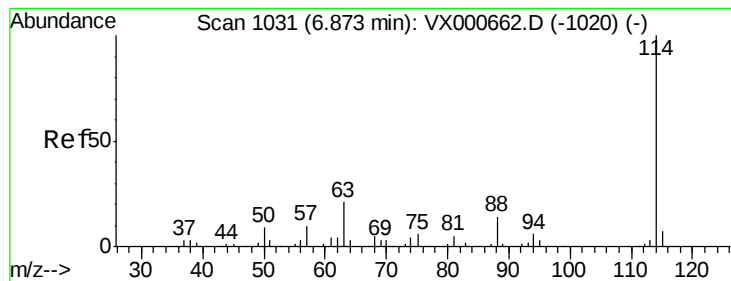
67 50.4 0.0 99.8



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: VX000671.D

Acq: 04 Apr 2018 21:43

Instrument :

MSVOA_X

ClientSampleId :

DRUM-9

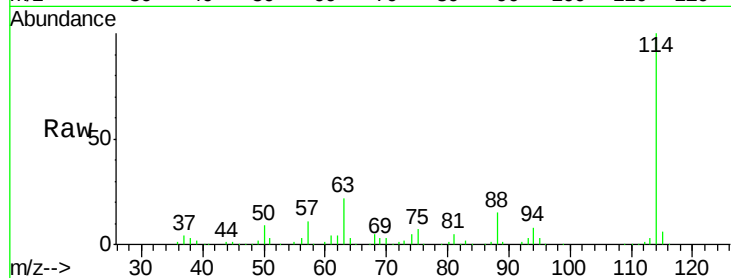
Tot Ion:114 Resp: 145550

Ion Ratio Lower Upper

114 100

63 21.7 0.0 41.6

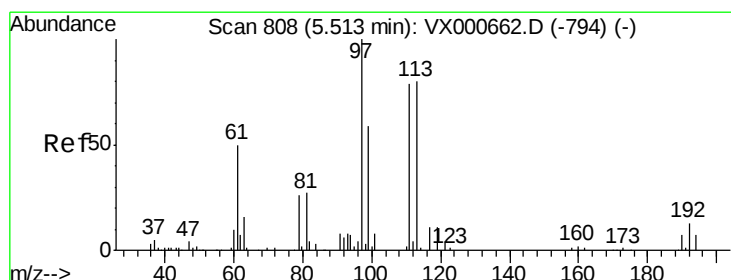
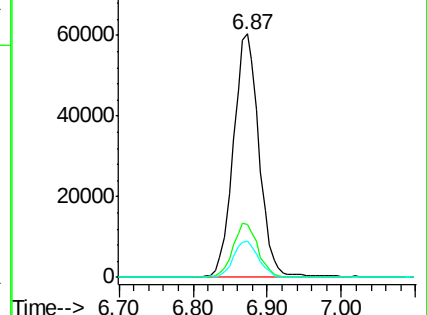
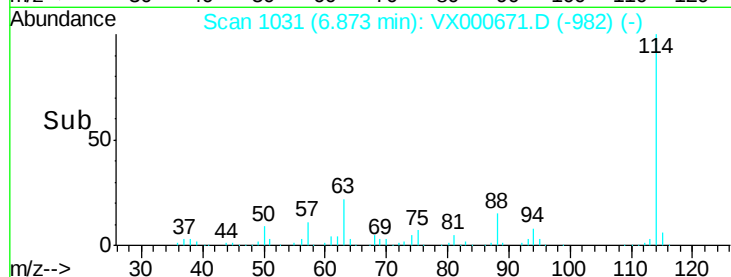
88 15.0 0.0 28.6



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: 46.88 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX000671.D

Acq: 04 Apr 2018 21:43

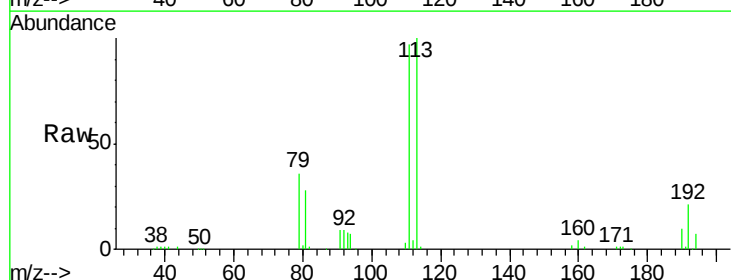
Tgt Ion:113 Resp: 46577

Ion Ratio Lower Upper

113 100

111 102.6 82.0 123.0

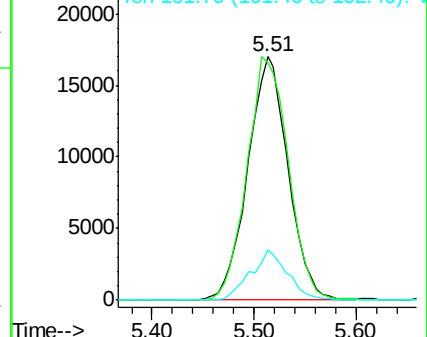
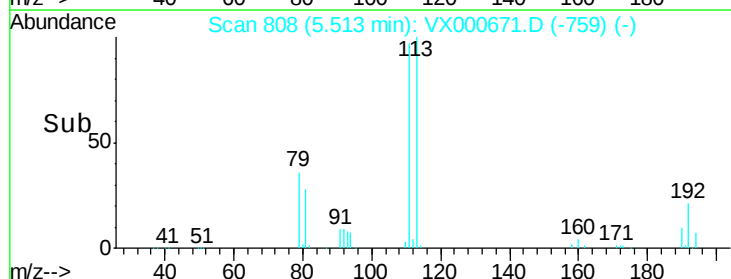
192 18.8 14.3 21.5

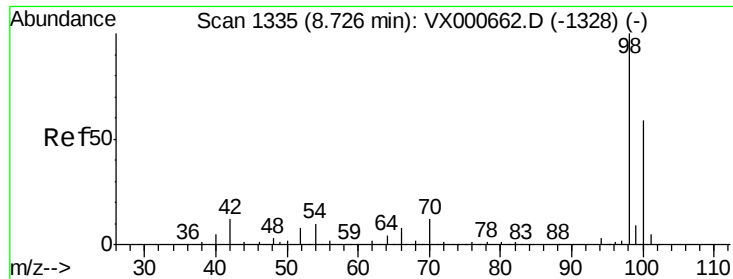


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 43.18 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.01 min

Lab File: VX000671.D

Acq: 04 Apr 2018 21:43

Instrument :

MSVOA_X

ClientSampleId :

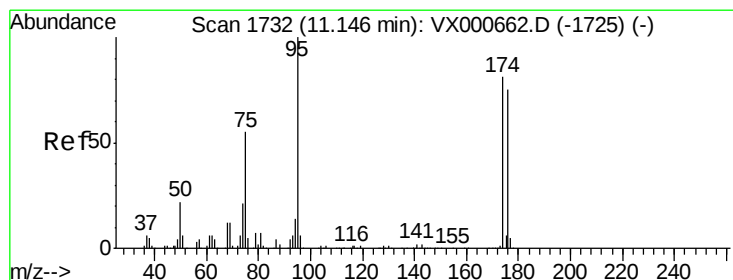
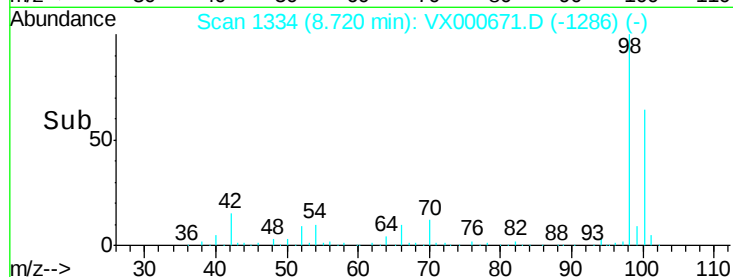
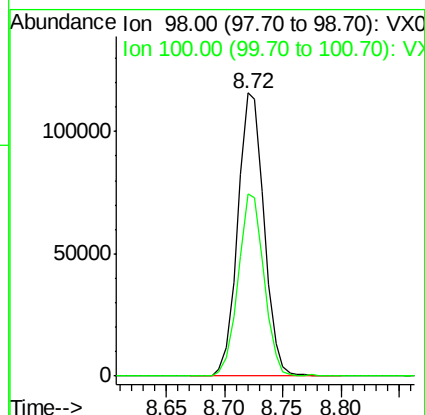
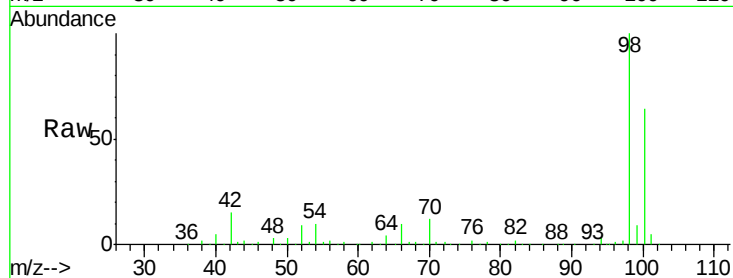
DRUM-9

Tot Ion: 98 Resp: 182416

Ion Ratio Lower Upper

98 100

100 63.3 51.0 76.6



#62

4-Bromofluorobenzene

Concen: 37.82 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000671.D

Acq: 04 Apr 2018 21:43

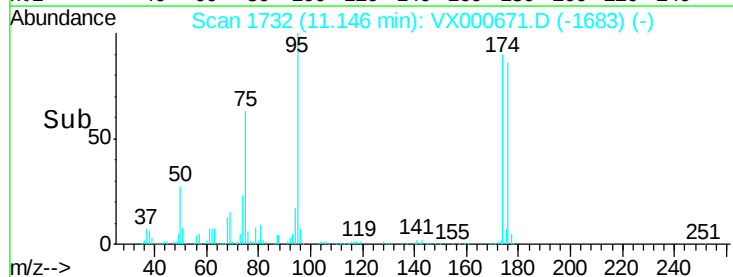
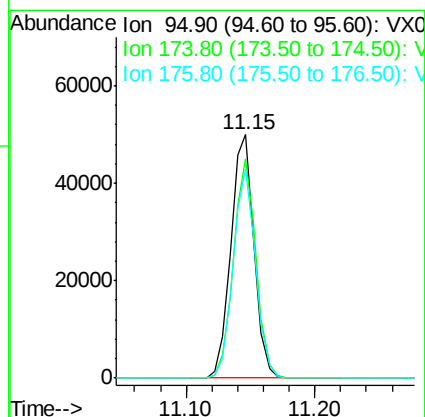
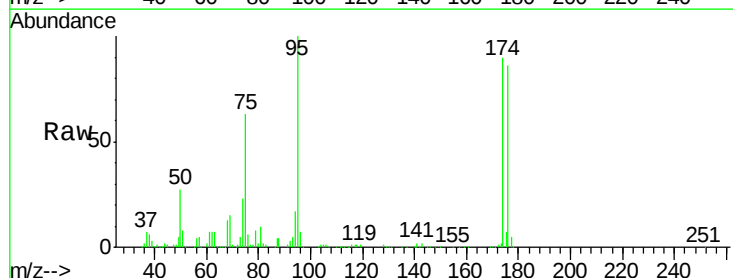
Tgt Ion: 95 Resp: 63246

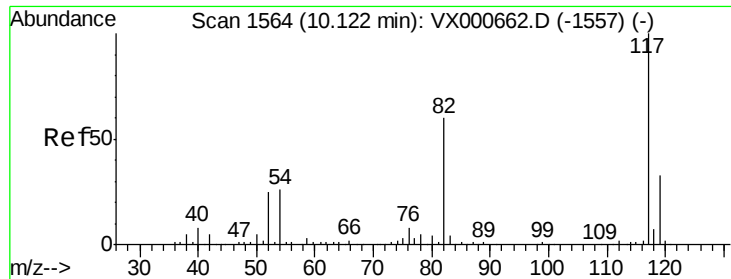
Ion Ratio Lower Upper

95 100

174 87.2 0.0 156.8

176 82.8 0.0 150.6

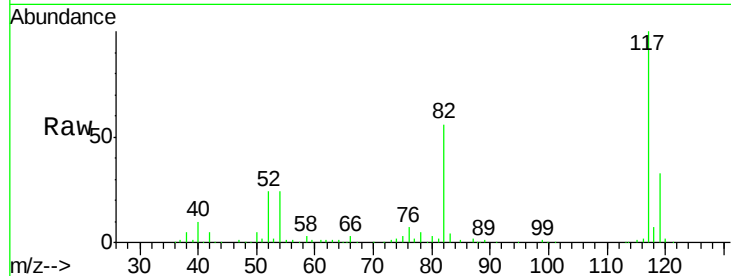




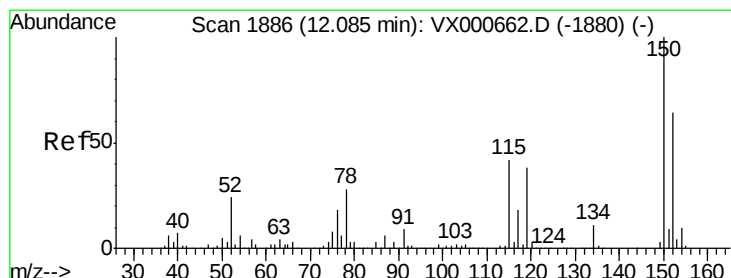
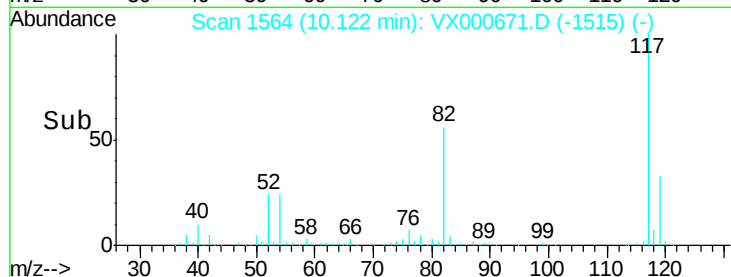
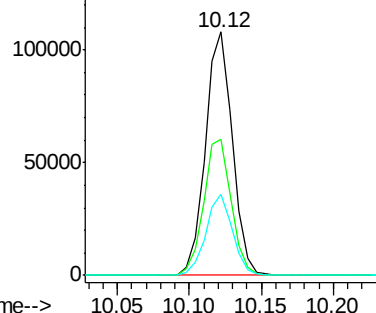
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000671.D
Acq: 04 Apr 2018 21:43

Instrument :
MSVOA_X
ClientSampled :
DRUM-9

Tot Ion:117 Resp: 141436
Ion Ratio Lower Upper
117 100
82 55.7 48.3 72.5
119 33.2 26.0 39.0

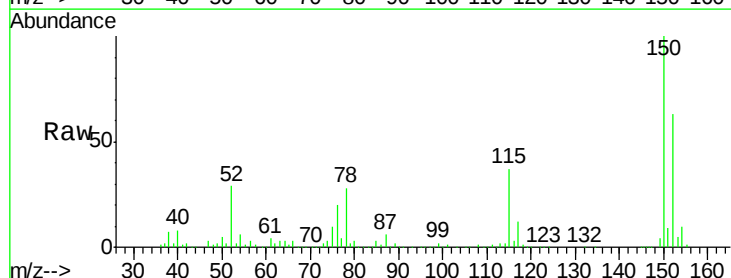


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

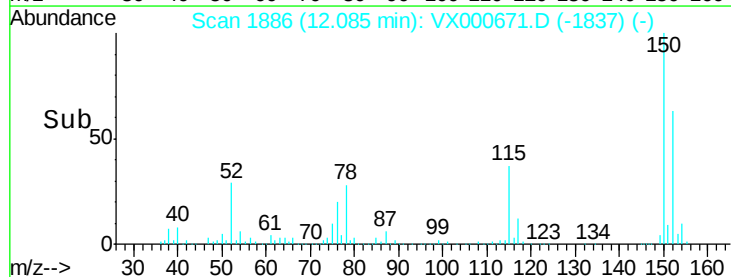
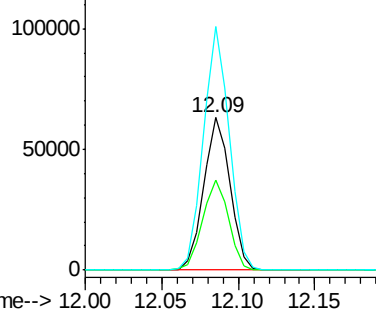


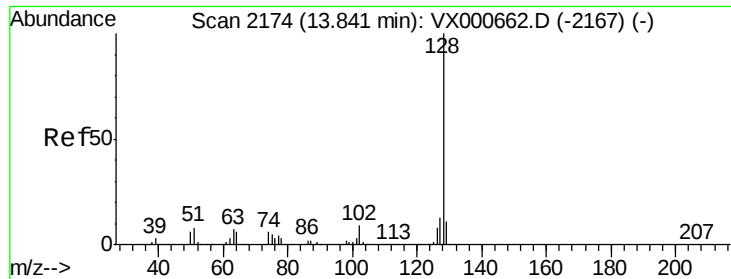
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX000671.D
Acq: 04 Apr 2018 21:43

Tgt Ion:152 Resp: 75397
Ion Ratio Lower Upper
152 100
115 58.4 41.9 125.8
150 155.7 0.0 348.0



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





#95

Naphthalene

Concen: 3.42 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX000671.D

Acq: 04 Apr 2018 21:43

Instrument :

MSVOA_X

ClientSampleId :

DRUM-9

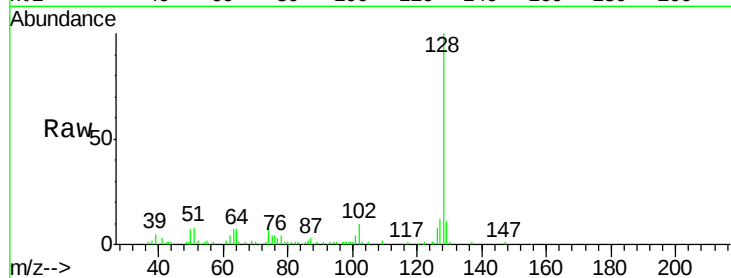
Tot Ion:128 Resp: 19411

Ion Ratio Lower Upper

128 100

127 14.2 10.6 16.0

129 11.5 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

