

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041118\
 Data File : VX000786.D
 Acq On : 11 Apr 2018 18:29
 Operator : JC/MD
 Sample : J2156-02 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HD-01-040918

Quant Time: Apr 12 07:48:04 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

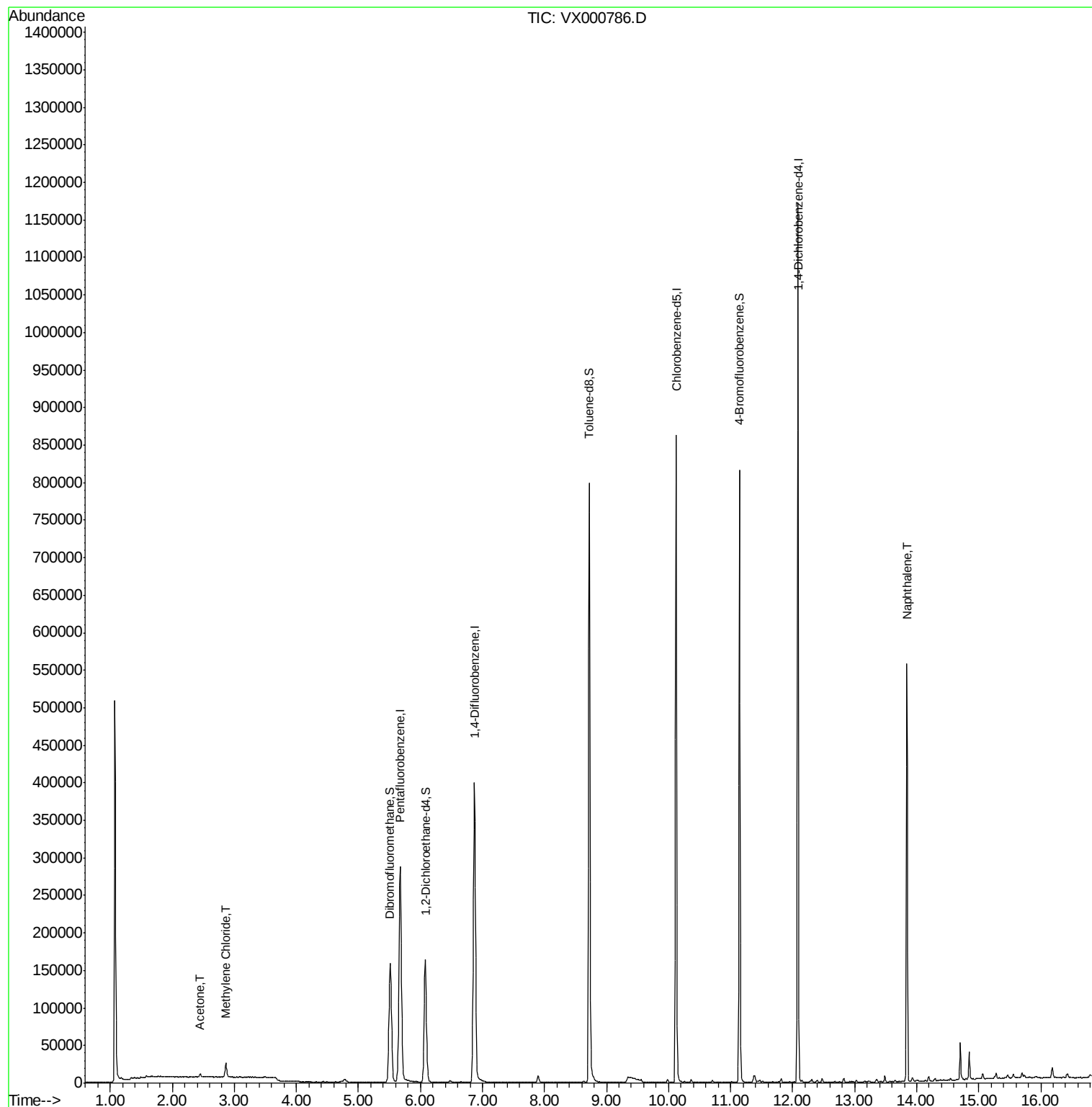
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	311739	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	434318	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	410074	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	244413	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	159191	40.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.00%	
35) Dibromofluoromethane	5.51	113	132078	39.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.94%	
50) Toluene-d8	8.72	98	502755	40.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.70%	
62) 4-Bromofluorobenzene	11.15	95	204167	39.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.22%	
Target Compounds						
16) Acetone	2.45	43	5078	3.75	ug/l	99
20) Methylene Chloride	2.86	84	8595	2.73	ug/l	99
95) Naphthalene	13.84	128	338307	19.02	ug/l	100

(#) = 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. -0.00 min

Lab File: VX000786.D

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Instrument :

MSVOA_X

ClientSampleId :

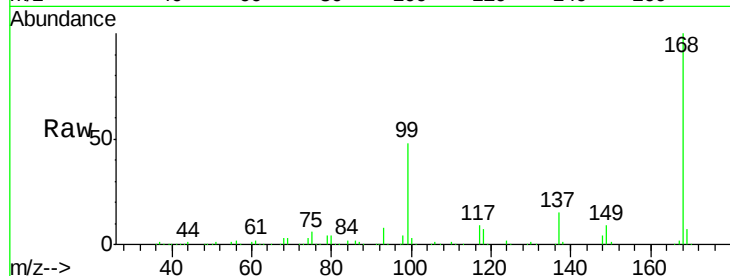
HD-01-040918

Tot Ion:168 Resp: 311739

Ion Ratio Lower Upper

168 100

99 48.1 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

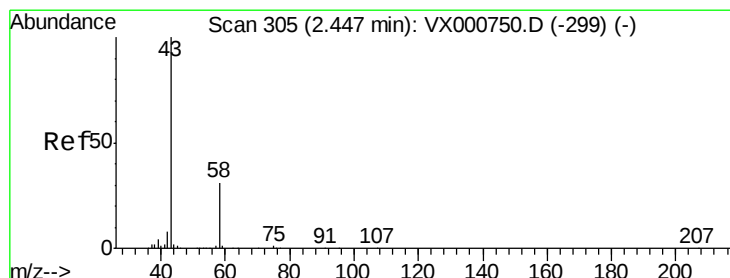
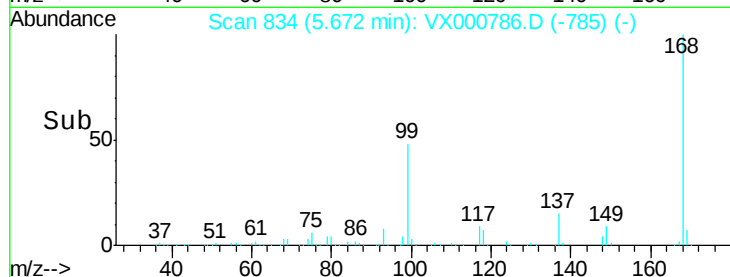
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 3.75 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX000786.D

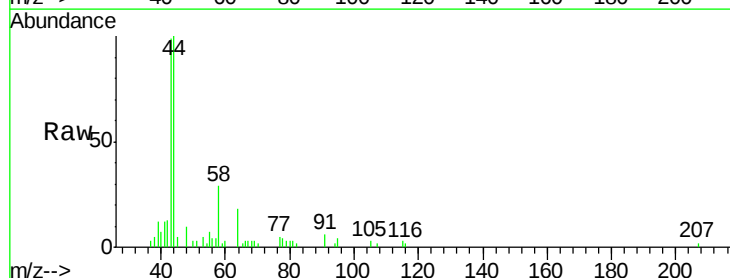
Acq: 11 Apr 2018 18:29

Tgt Ion: 43 Resp: 5078

Ion Ratio Lower Upper

43 100

58 31.6 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

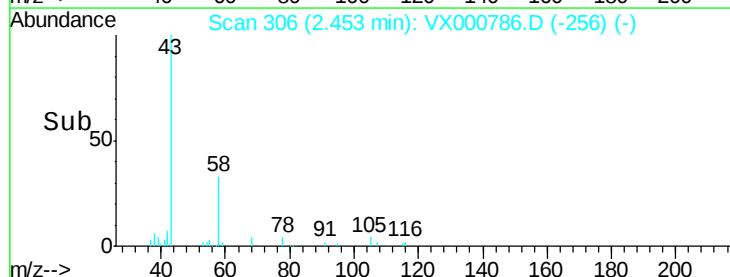
3000

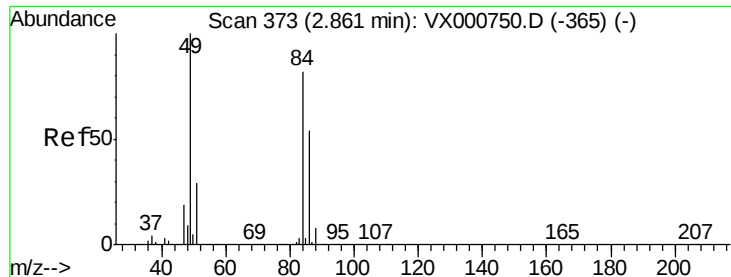
2000

1000

0

Time-->

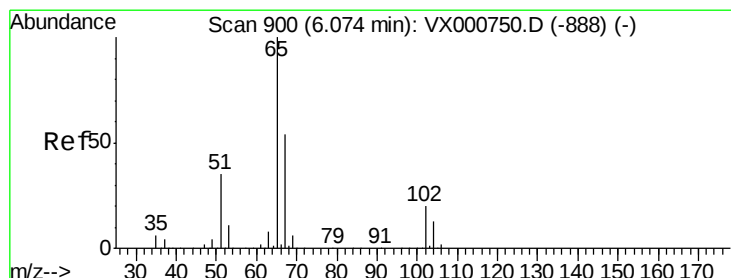
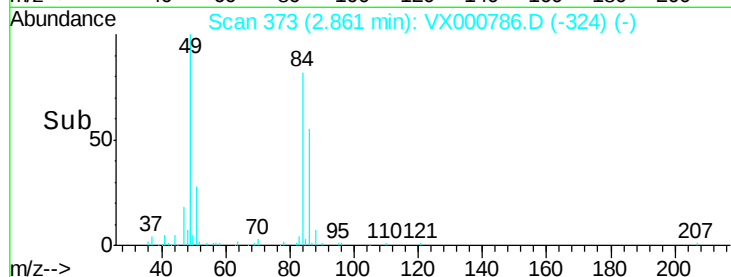
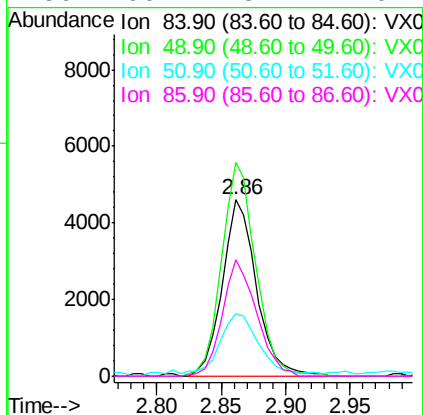
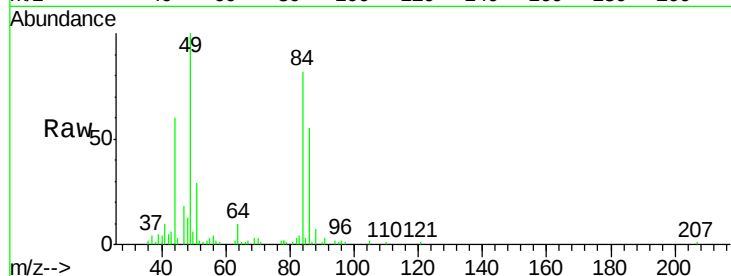




#20
Methvlene Chloride
Concen: 2.73 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX000786.D
Acq: 11 Apr 2018 18:29

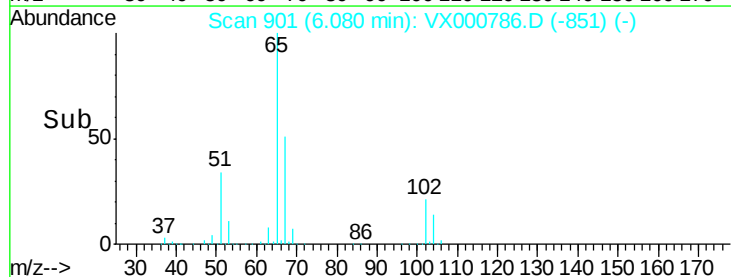
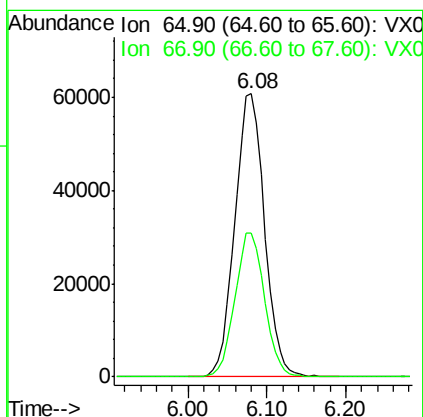
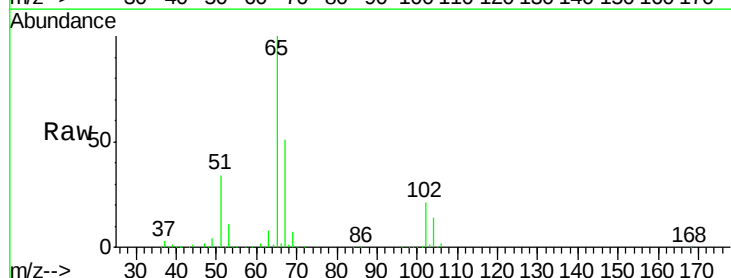
Instrument :
MSVOA_X
ClientSampleId :
HD-01-040918

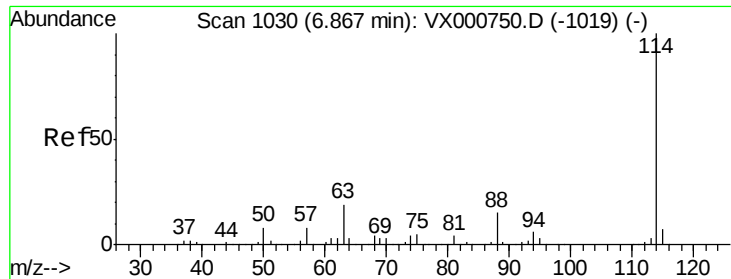
Tot Ion: 84 Resp: 8595
Ion Ratio Lower Upper
84 100
49 121.2 98.1 147.1
51 33.5 28.9 43.3
86 66.2 52.7 79.1



#33
1,2-Dichloroethane-d4
Concen: 40.50 ug/l
RT: 6.08 min Scan# 901
Delta R.T. 0.01 min
Lab File: VX000786.D
Acq: 11 Apr 2018 18:29

Tgt Ion: 65 Resp: 159191
Ion Ratio Lower Upper
65 100
67 51.1 0.0 103.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VX000786.D

Acq: 11 Apr 2018 18:29

Instrument :

MSVOA_X

ClientSampleId :

HD-01-040918

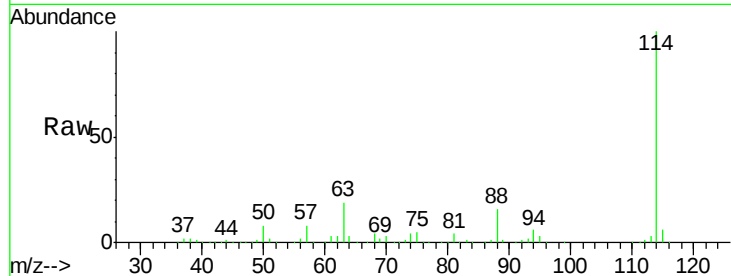
Tot Ion:114 Resp: 434318

Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.4

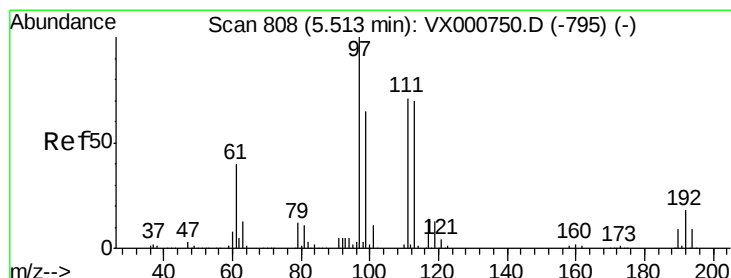
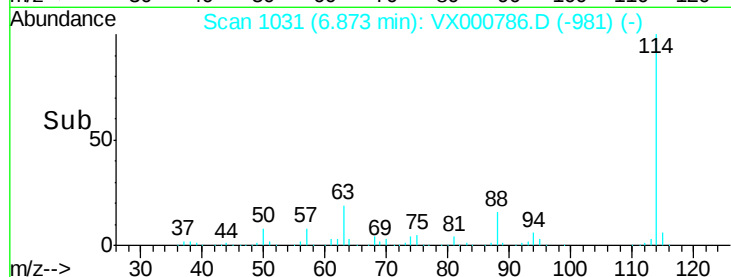
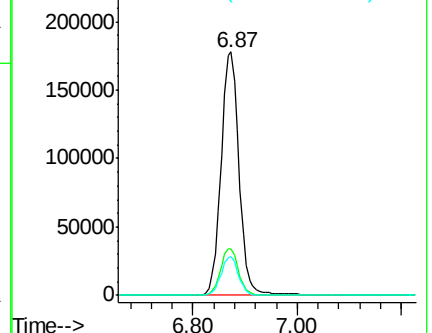
88 15.7 0.0 31.0



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: 39.47 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000786.D

Acq: 11 Apr 2018 18:29

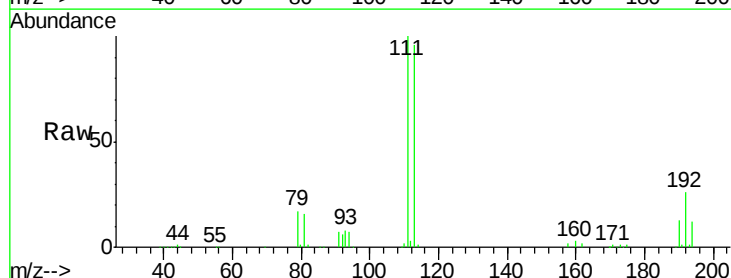
Tgt Ion:113 Resp: 132078

Ion Ratio Lower Upper

113 100

111 102.9 81.5 122.3

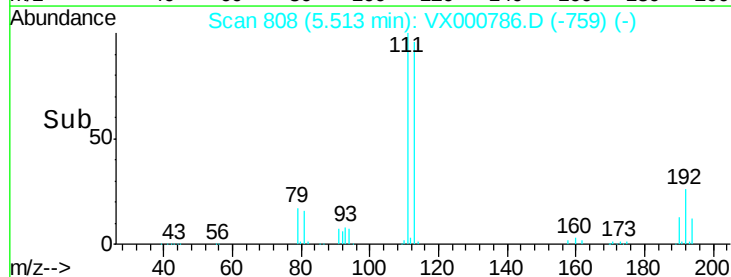
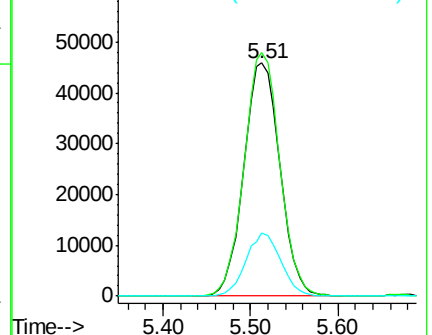
192 26.1 20.4 30.6

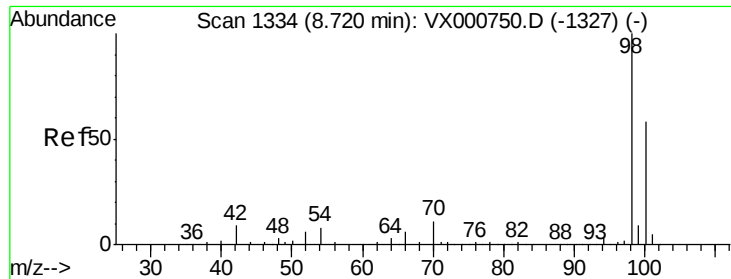


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 40.35 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX000786.D

Acq: 11 Apr 2018 18:29

Instrument :

MSVOA_X

ClientSampleId :

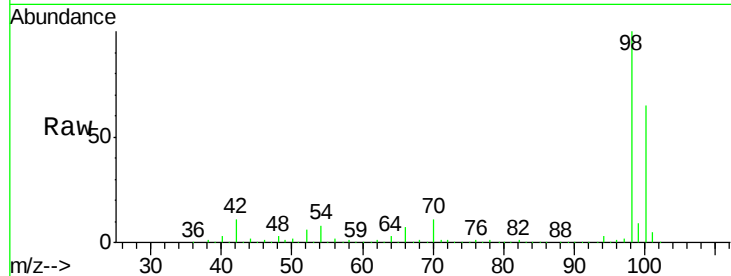
HD-01-040918

Tot Ion: 98 Resp: 502755

Ion Ratio Lower Upper

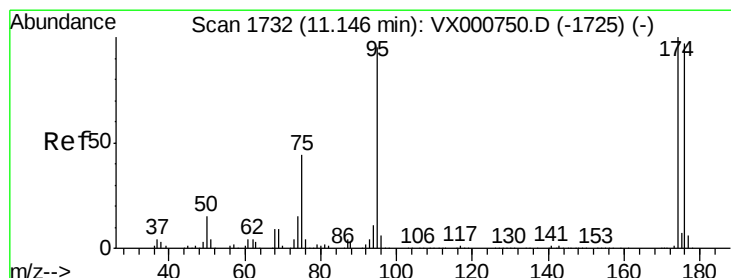
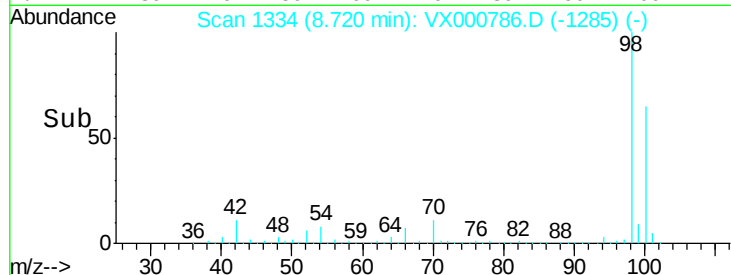
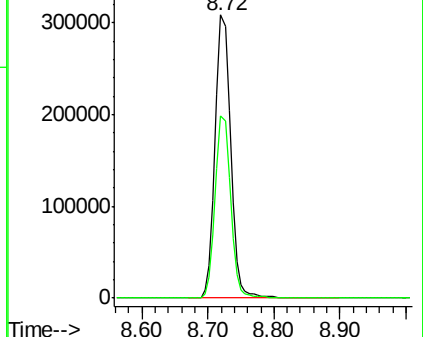
98 100

100 64.4 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 39.61 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000786.D

Acq: 11 Apr 2018 18:29

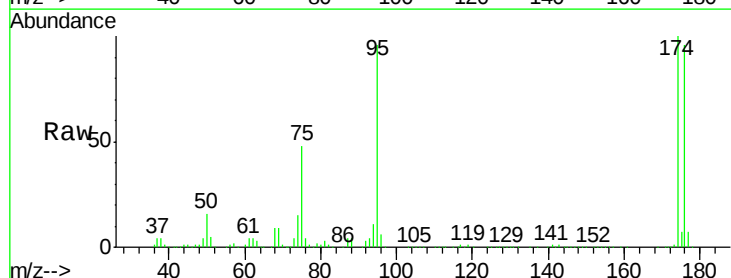
Tgt Ion: 95 Resp: 204167

Ion Ratio Lower Upper

95 100

174 98.2 0.0 198.4

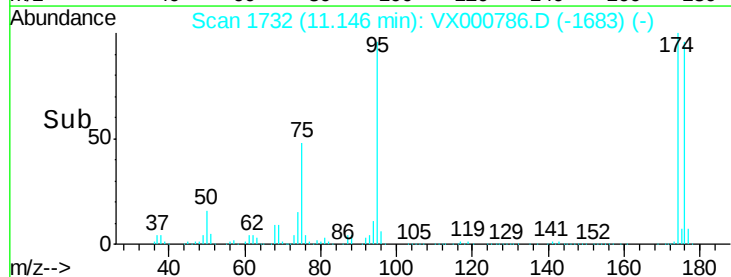
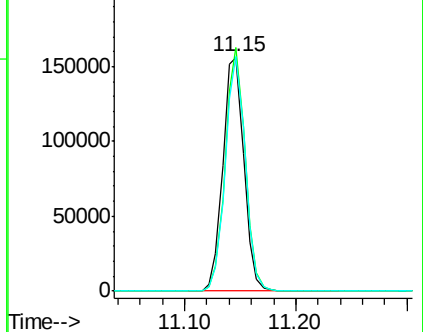
176 95.5 0.0 194.4



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: VX000786.D

Acq: 11 Apr 2018 18:29

Instrument :

MSVOA_X

ClientSampleId :

HD-01-040918

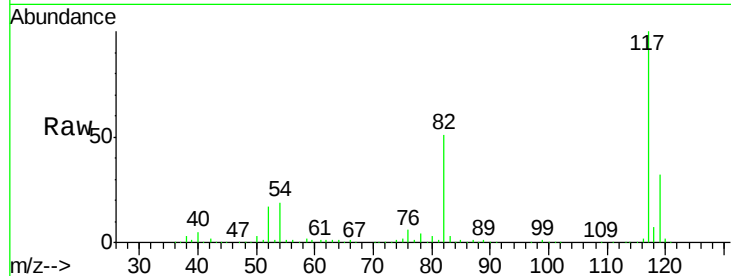
Tot Ion:117 Resp: 410074

Ion Ratio Lower Upper

117 100

82 51.1 41.9 62.9

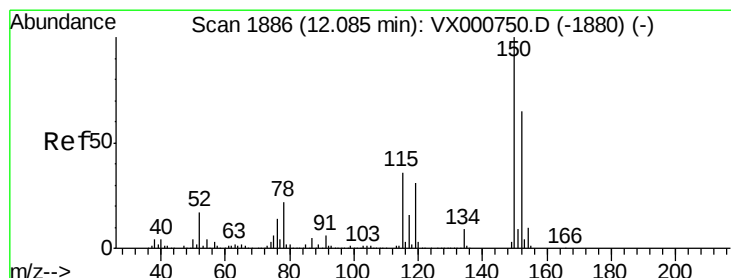
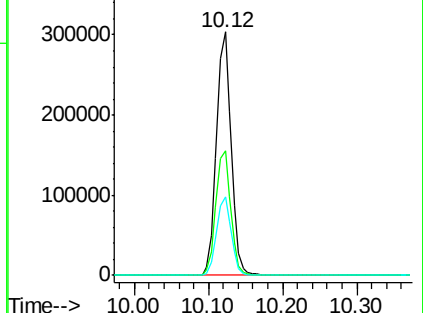
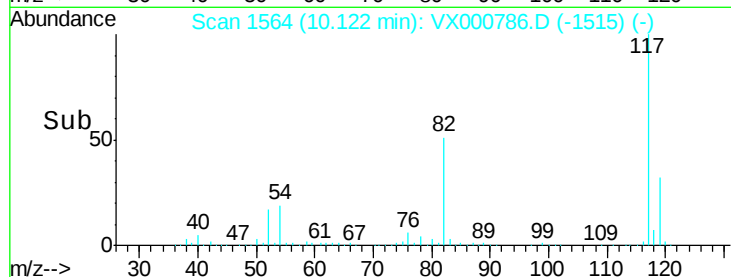
119 32.0 26.0 39.0



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: VX000786.D

Acq: 11 Apr 2018 18:29

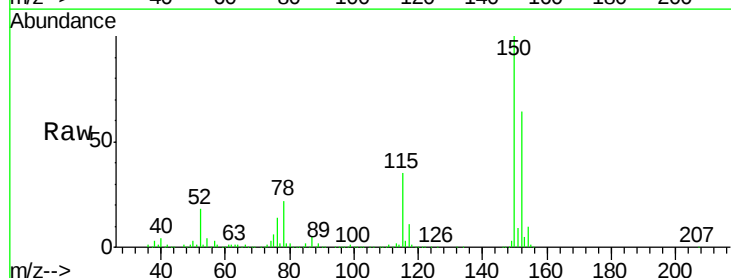
Tgt Ion:152 Resp: 244413

Ion Ratio Lower Upper

152 100

115 53.8 37.9 113.7

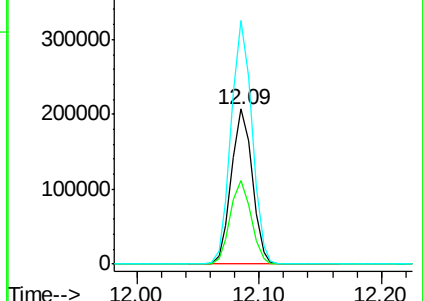
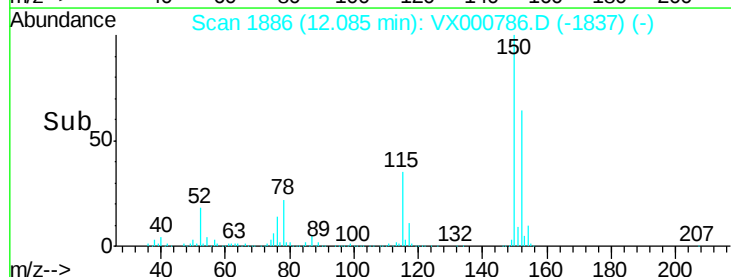
150 155.8 0.0 348.0

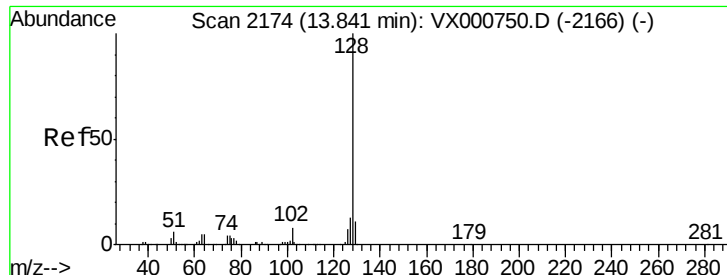


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

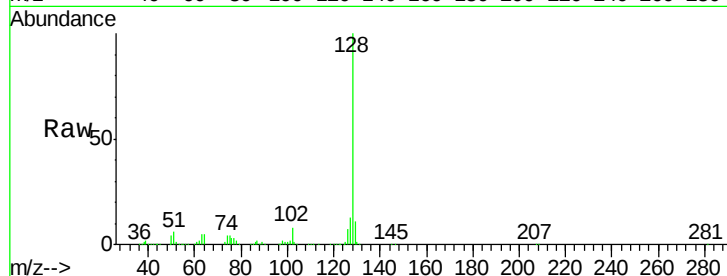




#95
Naphthalene
Concen: 19.02 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX000786.D
Acq: 11 Apr 2018 18:29

Instrument :
MSVOA_X
ClientSampleId :
HD-01-040918

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	11.2	8.7	13.1



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

