

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061118\
 Data File : VX002444.D
 Acq On : 11 Jun 2018 15:48
 Operator : JC/MD
 Sample : J3406-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z5TB01-180605

Quant Time: Jun 12 02:45:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	231164	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	343521	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	315472	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	177052	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	180027	54.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.58%	
35) Dibromofluoromethane	5.51	113	137843	51.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.06%	
50) Toluene-d8	8.72	98	537930	51.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.90%	
62) 4-Bromofluorobenzene	11.14	95	187491	46.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.92%	

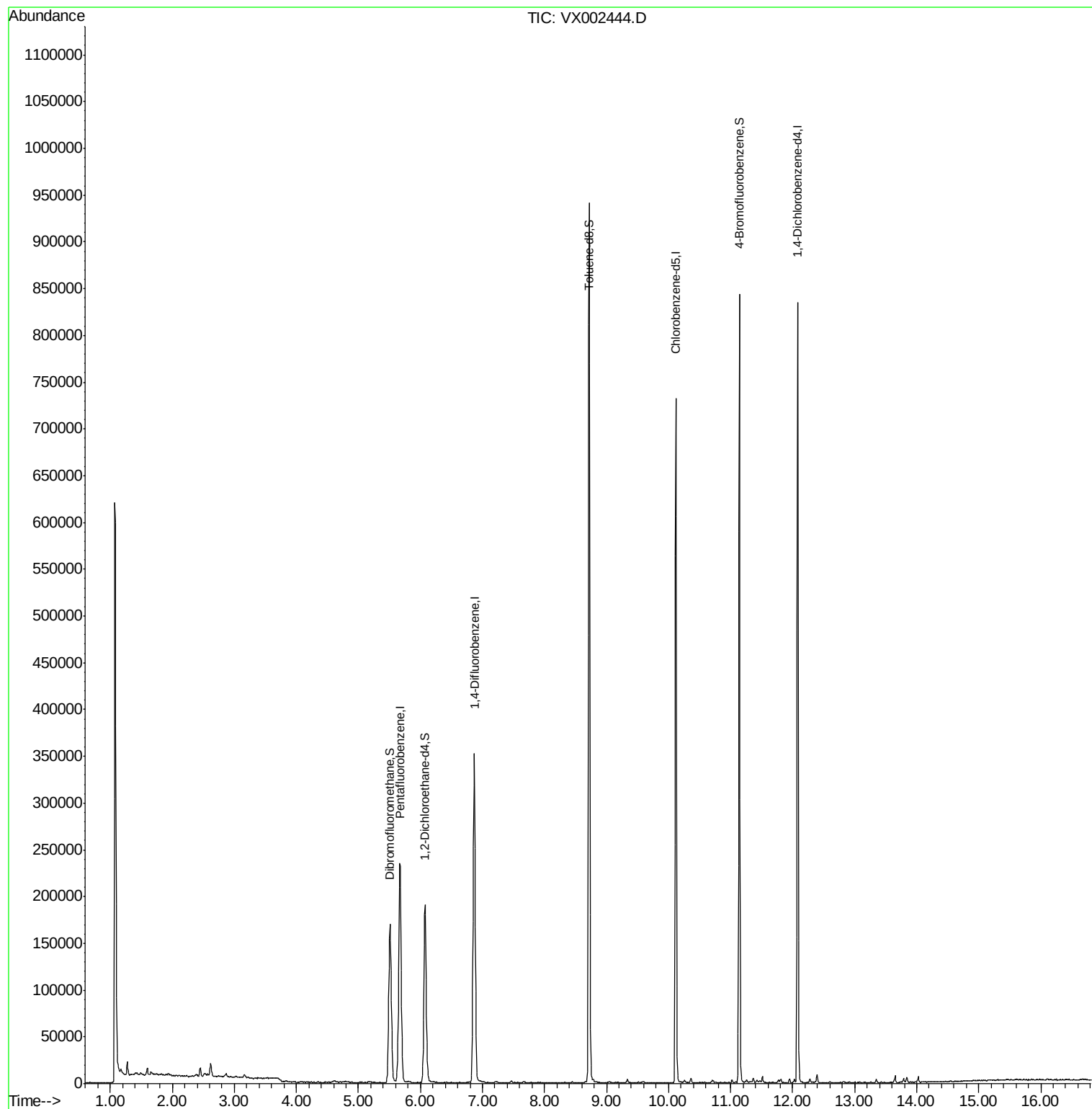
Target Compounds	Qvalue
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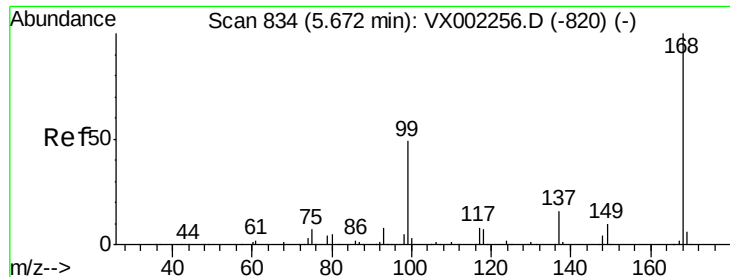
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002444.D

Acq: 11 Jun 2018 15:48

Instrument :

MSVOA_X

ClientSampleId :

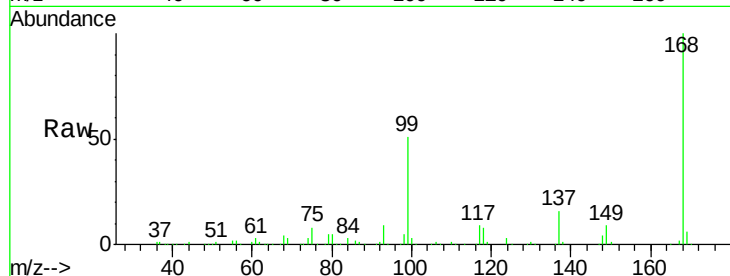
Z5TB01-180605

Tot Ion:168 Resp: 231164

Ion Ratio Lower Upper

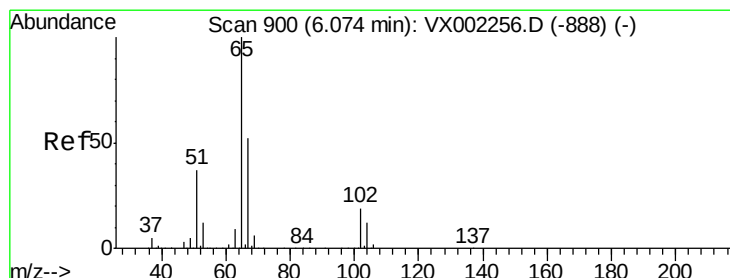
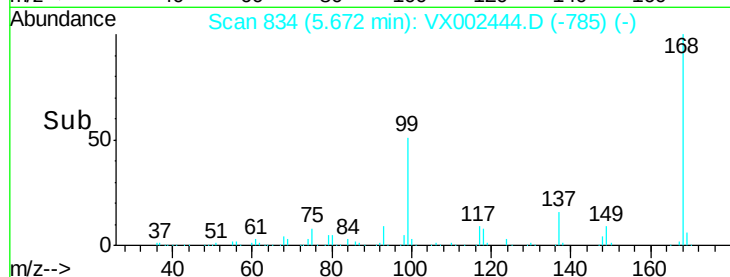
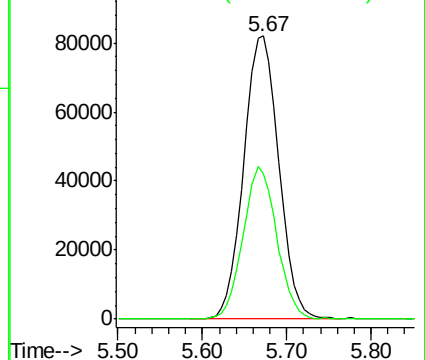
168 100

99 51.2 39.3 58.9



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: 54.79 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002444.D

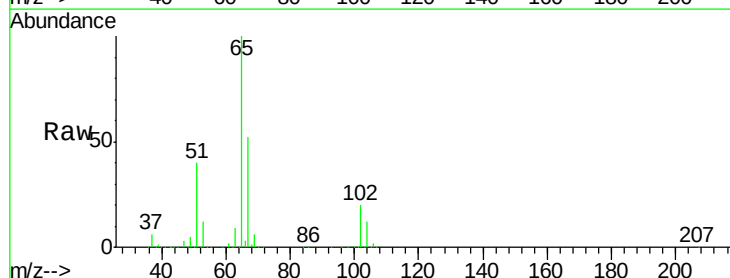
Acq: 11 Jun 2018 15:48

Tgt Ion: 65 Resp: 180027

Ion Ratio Lower Upper

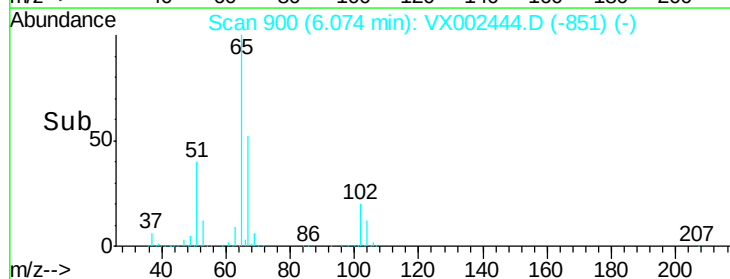
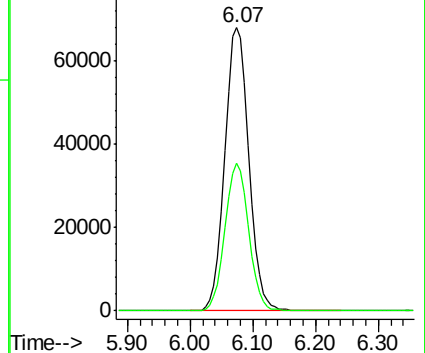
65 100

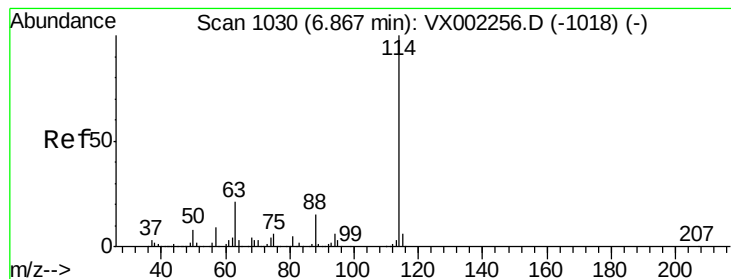
67 51.5 0.0 102.6



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# 1030

Delta R.T. -0.00 min

Lab File: VX002444.D

Acq: 11 Jun 2018 15:48

Instrument :

MSVOA_X

ClientSampleId :

Z5TB01-180605

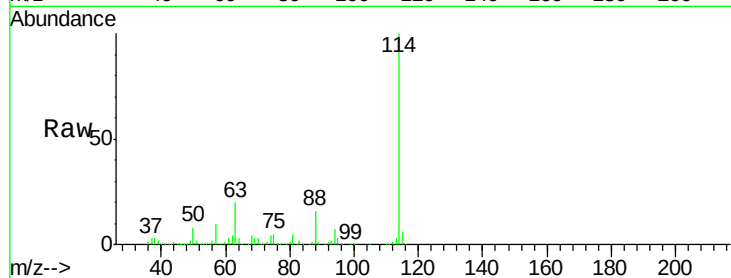
Tot Ion:114 Resp: 343521

Ion Ratio Lower Upper

114 100

63 19.8 0.0 41.4

88 15.6 0.0 30.0



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

200000

150000

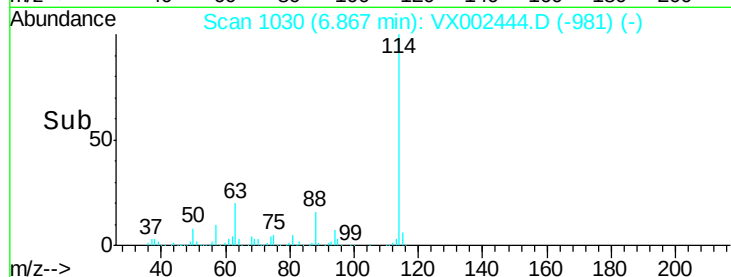
100000

50000

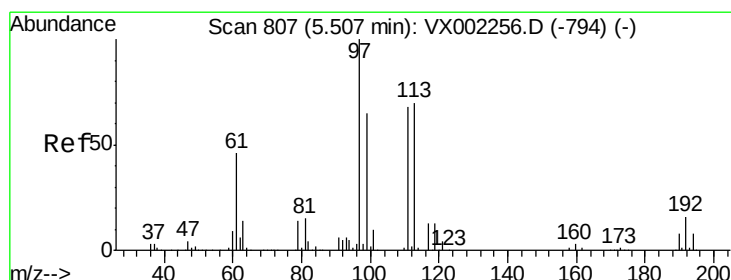
0

6.87

6.70 6.80 6.90 7.00



Time-->



#35

Dibromofluoromethane

Concen: 51.03 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002444.D

Acq: 11 Jun 2018 15:48

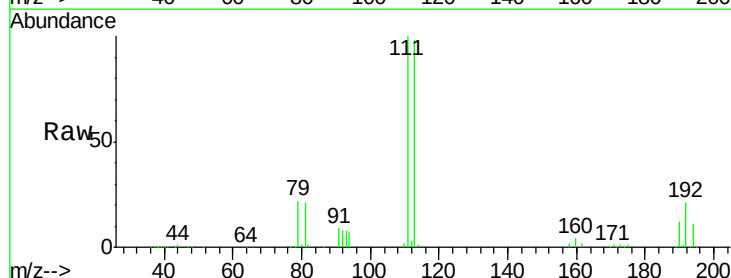
Tgt Ion:113 Resp: 137843

Ion Ratio Lower Upper

113 100

111 103.2 81.4 122.0

192 23.1 19.1 28.7



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

60000

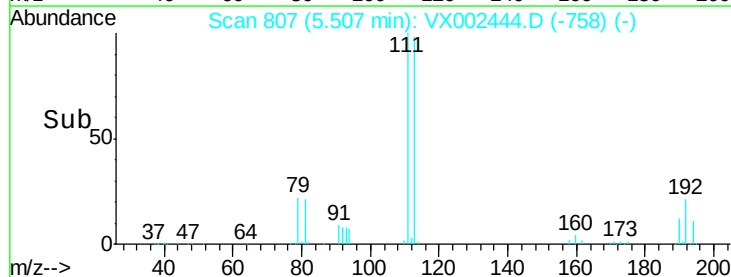
40000

20000

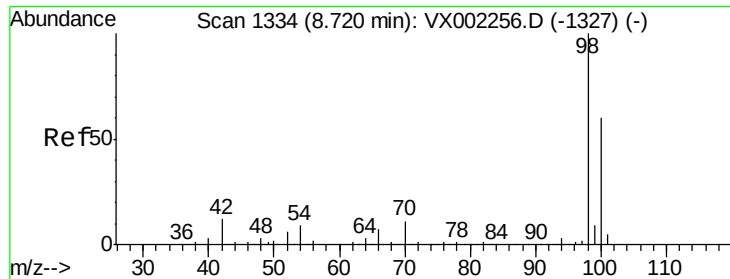
0

5.51

5.40 5.50 5.60



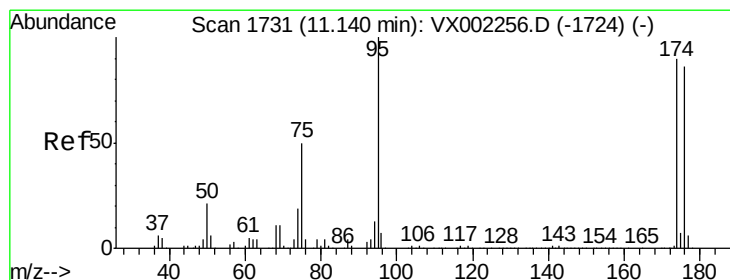
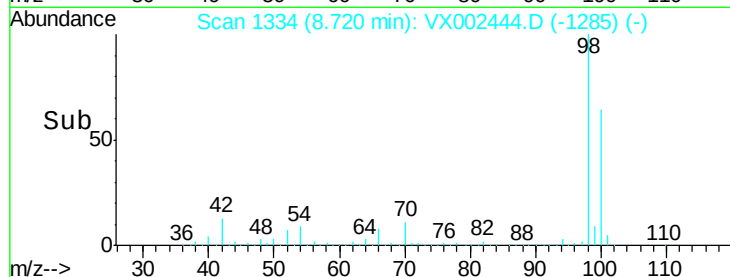
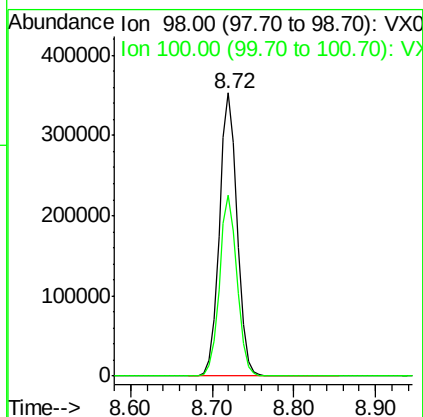
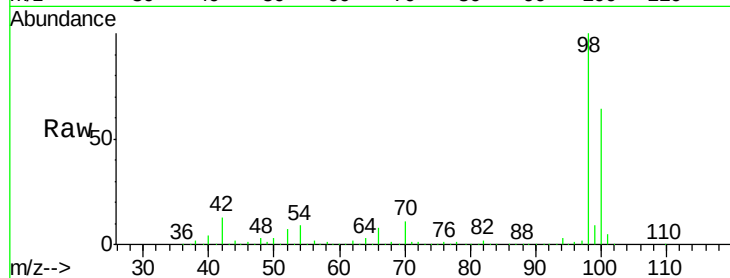
Time-->



#50
Toluene-d8
Concen: 51.95 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002444.D
Acq: 11 Jun 2018 15:48

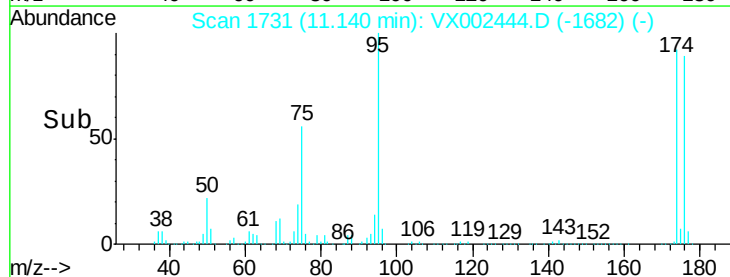
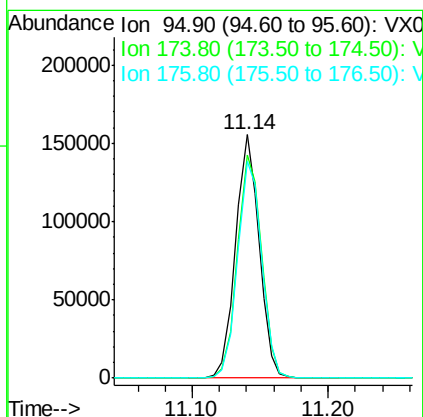
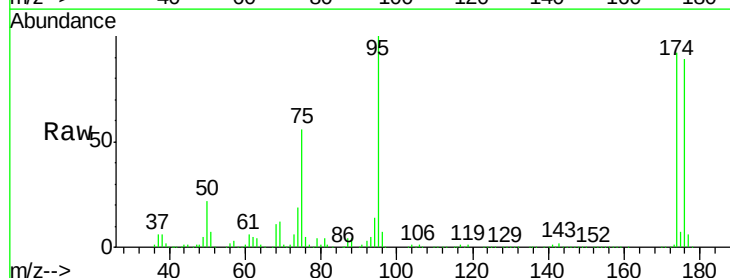
Instrument :
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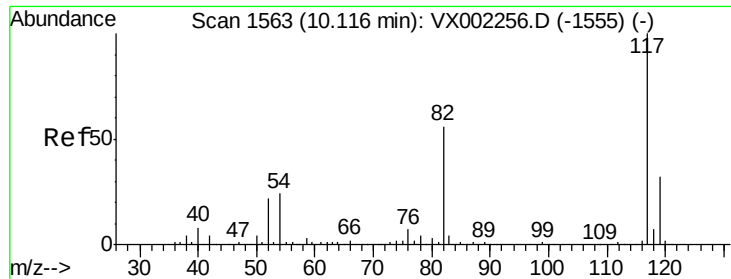
Tot Ion: 98 Resp: 537930
Ion Ratio Lower Upper
98 100
100 63.2 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 46.96 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002444.D
Acq: 11 Jun 2018 15:48

Tgt Ion: 95 Resp: 187491
Ion Ratio Lower Upper
95 100
174 94.3 0.0 187.4
176 91.2 0.0 181.0

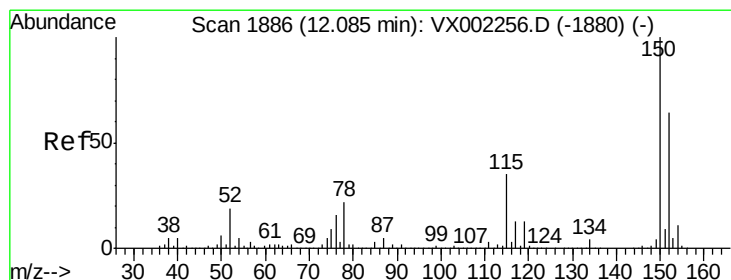
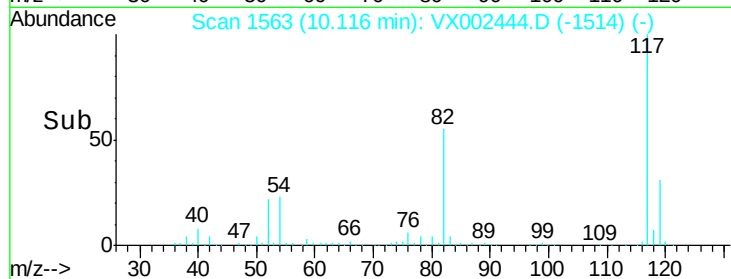
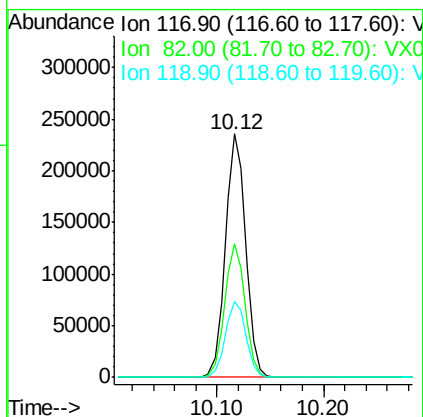
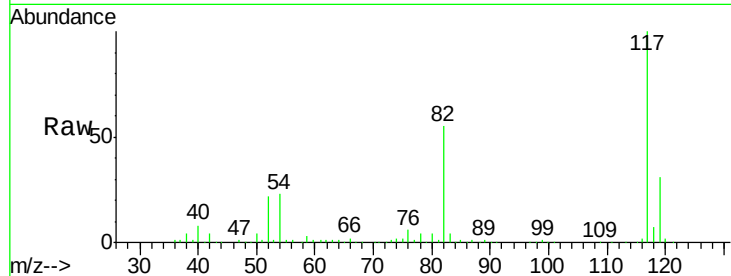




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002444.D
Acq: 11 Jun 2018 15:48

Instrument :
MSVOA_X
ClientSampleId :
Z5TB01-180605

Tot Ion:117 Resp: 315472
Ion Ratio Lower Upper
117 100
82 54.6 45.0 67.4
119 31.4 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002444.D
Acq: 11 Jun 2018 15:48

Tgt Ion:152 Resp: 177052
Ion Ratio Lower Upper
152 100
115 55.2 40.1 120.2
150 155.2 0.0 347.2

