

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060518\
 Data File : VX002316.D
 Acq On : 05 Jun 2018 19:58
 Operator : JC/MD
 Sample : J3268-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0465-180530

Quant Time: Jun 06 06:02:50 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

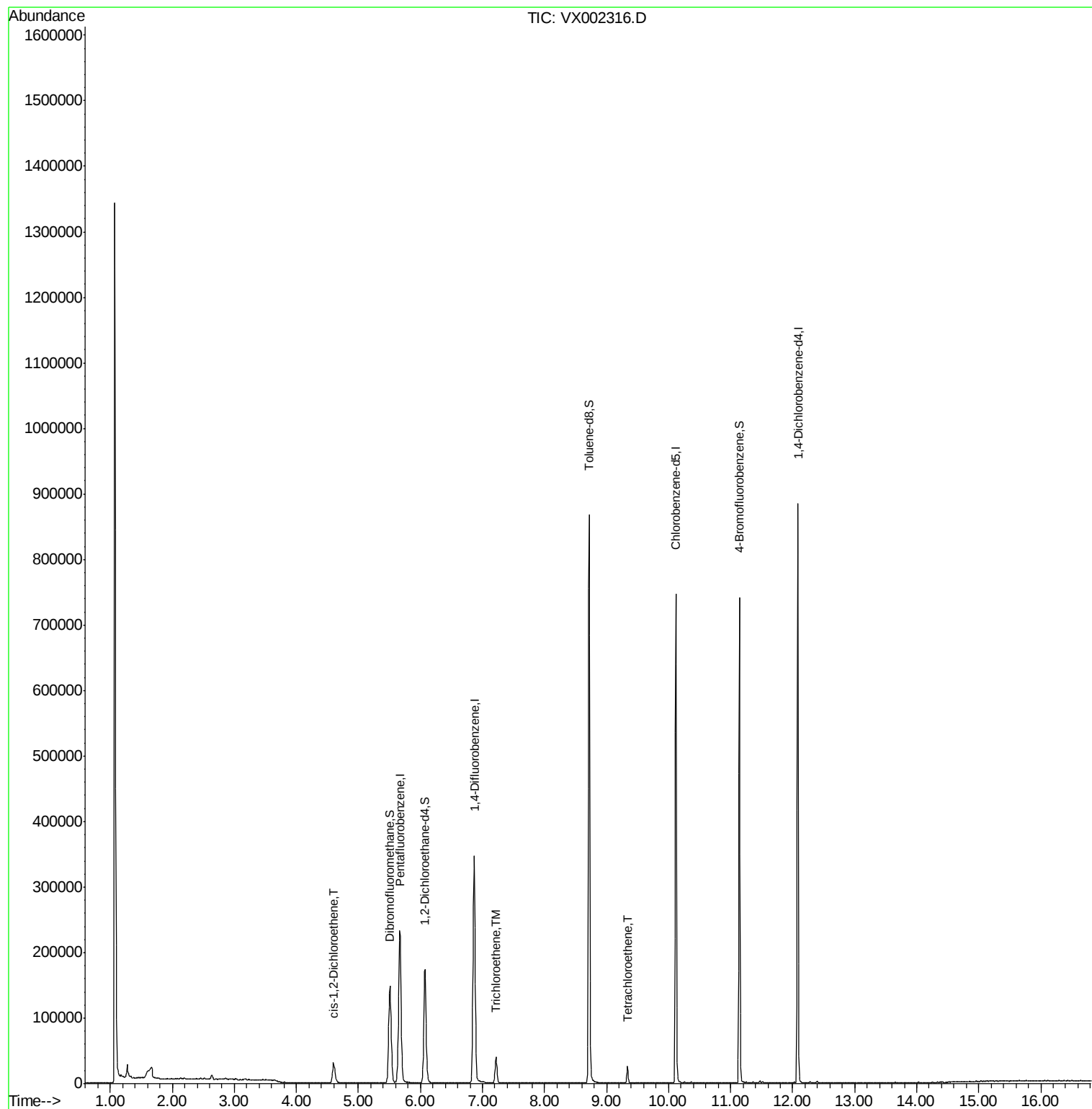
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	231200	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	341008	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	318763	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	178578	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	164903	49.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.74%	
35) Dibromofluoromethane	5.51	113	120856	45.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.14%	
50) Toluene-d8	8.72	98	496041	48.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.52%	
62) 4-Bromofluorobenzene	11.14	95	174306	43.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.96%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	17850	6.047	ug/l	98
44) Trichloroethene	7.22	130	15164	4.971	ug/l	89
64) Tetrachloroethene	9.34	164	4670	1.421	ug/l	95

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002316.D

Acq: 05 Jun 2018 19:58

Instrument :

MSVOA_X

ClientSampleId :

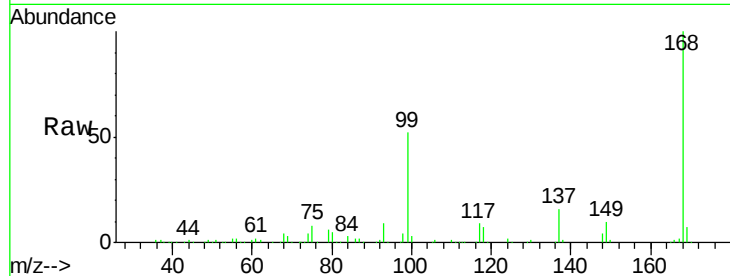
DUP-0465-180530

Tot Ion:168 Resp: 231200

Ion Ratio Lower Upper

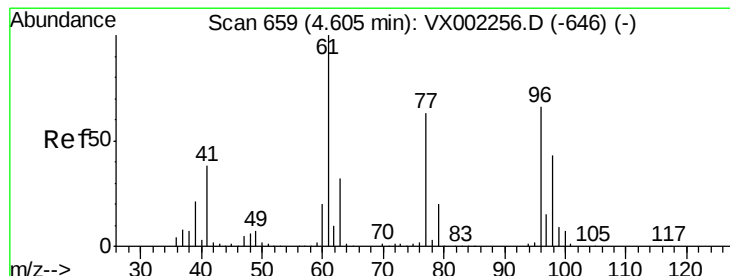
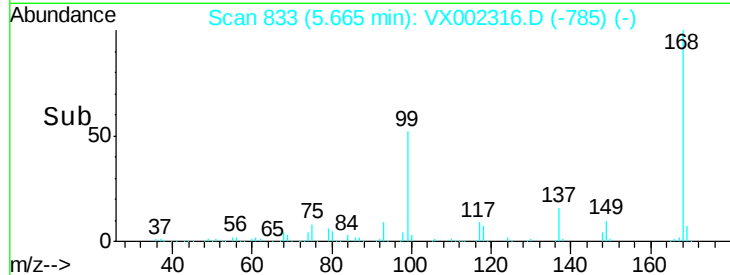
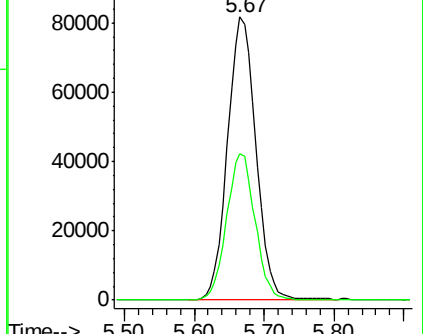
168 100

99 51.6 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 6.047 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX002316.D

Acq: 05 Jun 2018 19:58

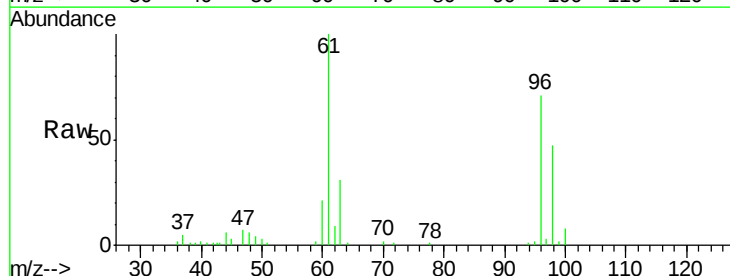
Tgt Ion: 96 Resp: 17850

Ion Ratio Lower Upper

96 100

61 168.3 0.0 330.2

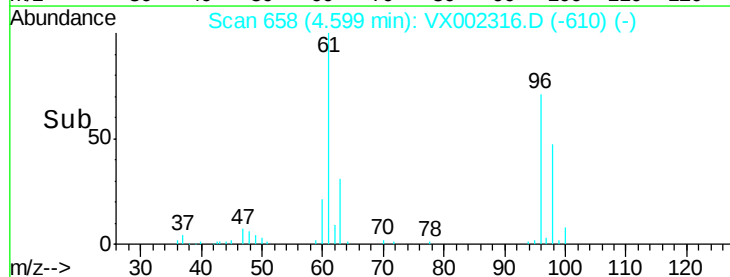
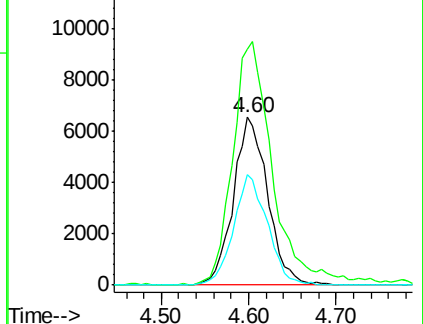
98 64.9 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 49.868 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002316.D

Acq: 05 Jun 2018 19:58

Instrument :

MSVOA_X

ClientSampleId :

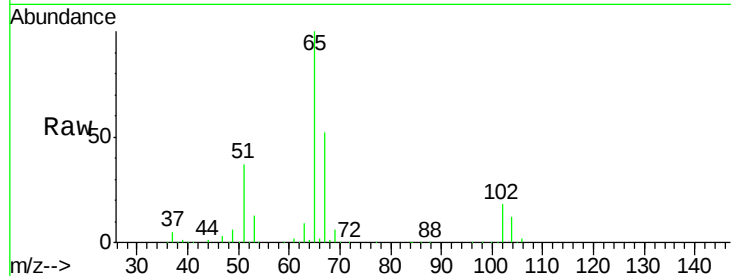
DUP-0465-180530

Tot Ion: 65 Resp: 164903

Ion Ratio Lower Upper

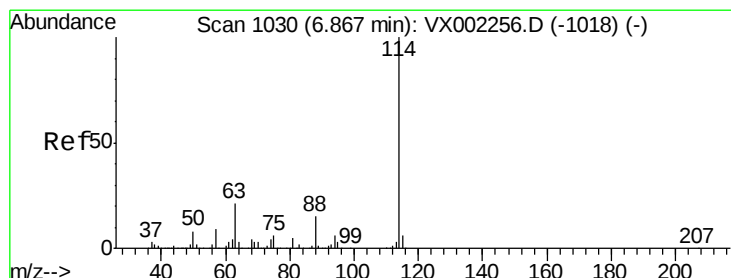
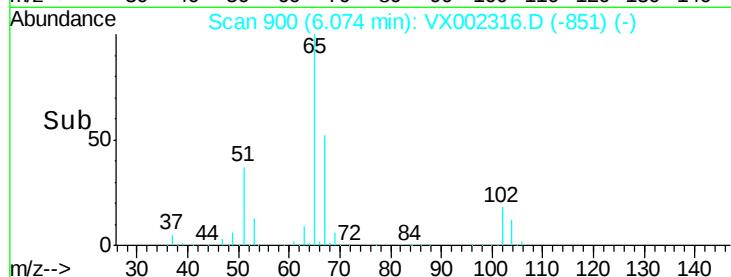
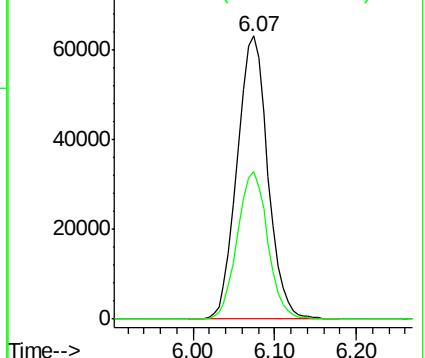
65 100

67 51.8 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: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002316.D

Acq: 05 Jun 2018 19:58

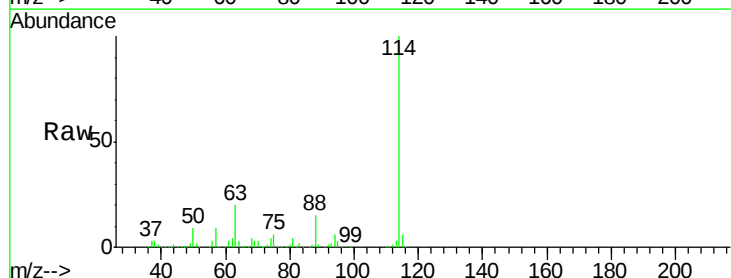
Tgt Ion: 114 Resp: 341008

Ion Ratio Lower Upper

114 100

63 20.2 0.0 41.4

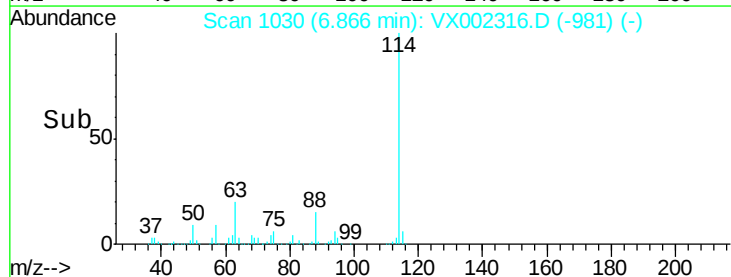
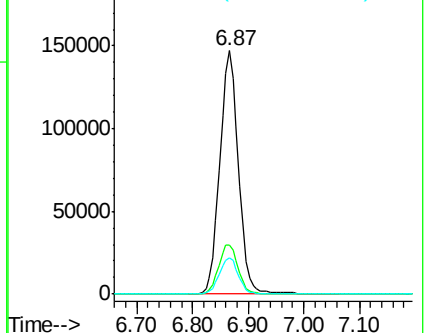
88 15.1 0.0 30.0

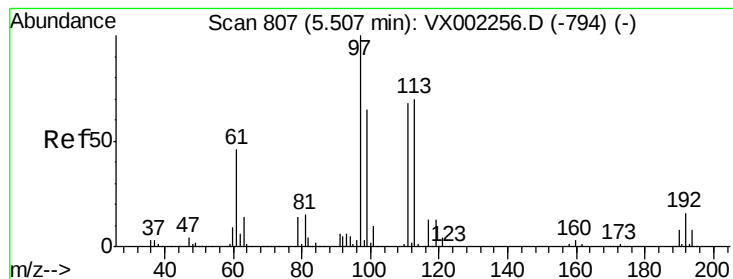


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 45.067 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002316.D

Acq: 05 Jun 2018 19:58

Instrument :

MSVOA_X

ClientSampleId :

DUP-0465-180530

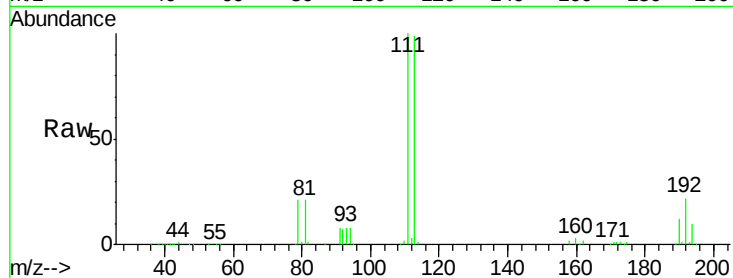
Tot Ion:113 Resp: 120856

Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.0

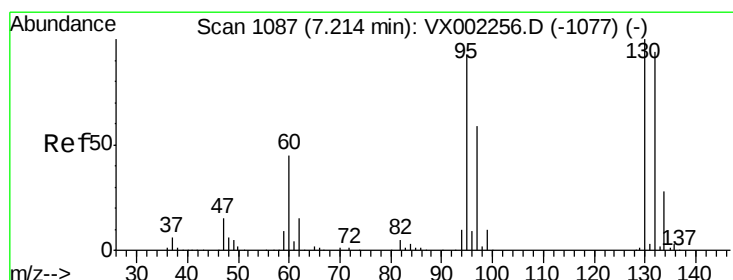
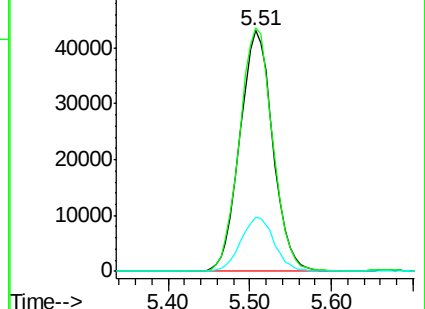
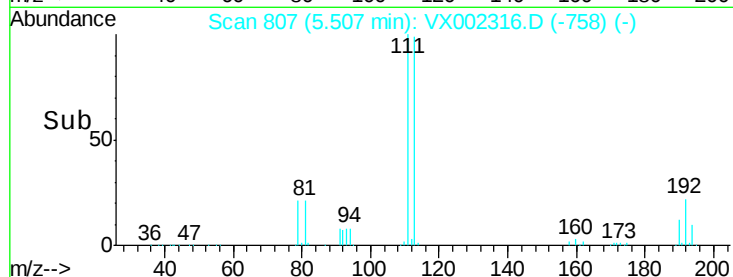
192 22.8 19.1 28.7



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



#44

Trichloroethene

Concen: 4.971 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX002316.D

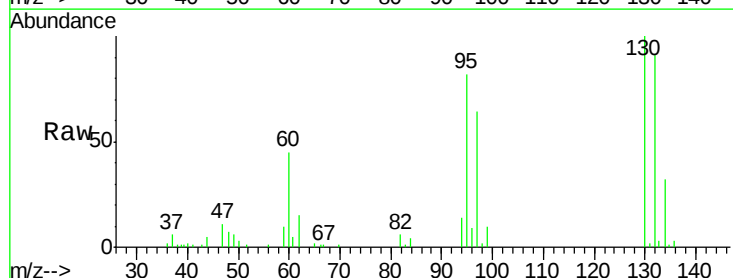
Acq: 05 Jun 2018 19:58

Tgt Ion:130 Resp: 15164

Ion Ratio Lower Upper

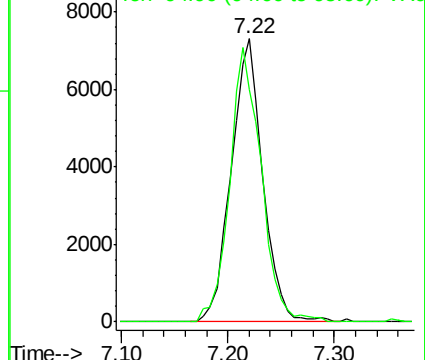
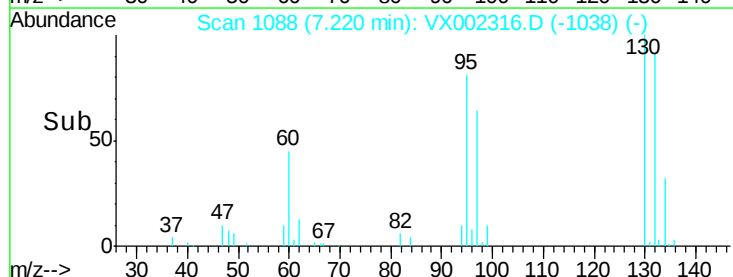
130 100

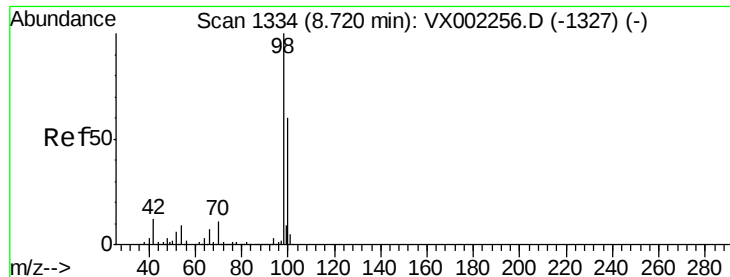
95 82.2 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 48.258 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX002316.D

Acq: 05 Jun 2018 19:58

Instrument :

MSVOA_X

ClientSampleId :

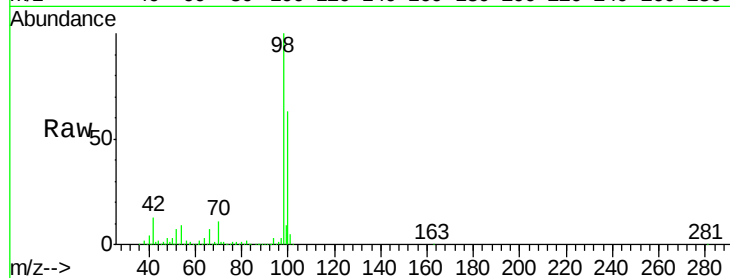
DUP-0465-180530

Tot Ion: 98 Resp: 496041

Ion Ratio Lower Upper

98 100

100 63.2 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.72

300000

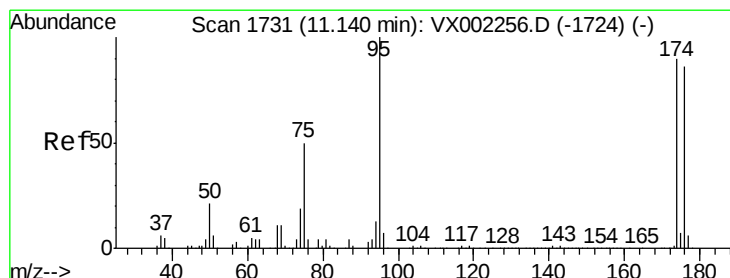
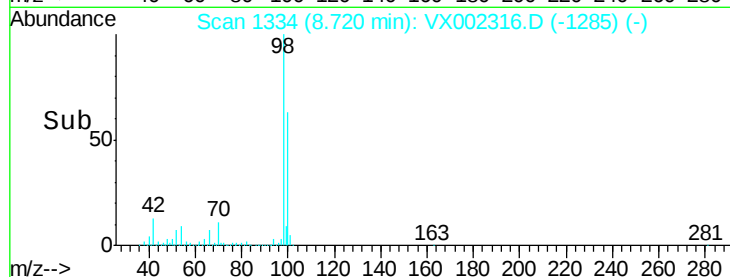
200000

100000

0

Time-->

8.60 8.70 8.80 8.90



#62

4-Bromofluorobenzene

Concen: 43.976 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002316.D

Acq: 05 Jun 2018 19:58

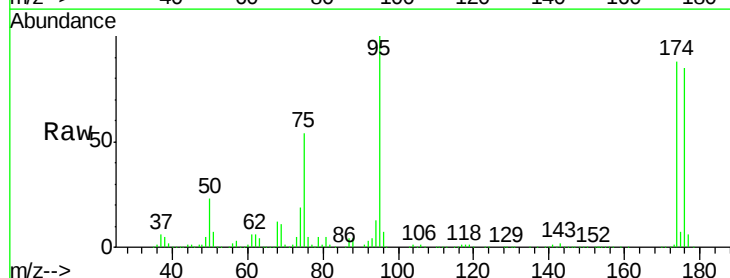
Tgt Ion: 95 Resp: 174306

Ion Ratio Lower Upper

95 100

174 93.6 0.0 187.4

176 90.8 0.0 181.0



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

11.14

150000

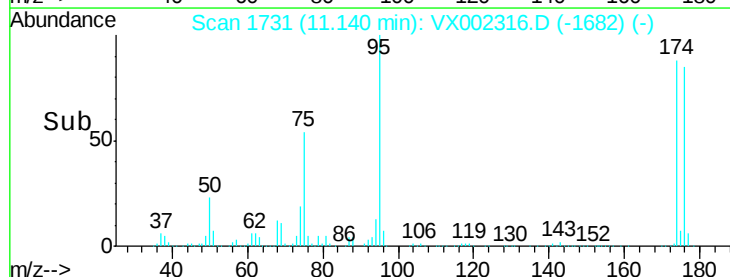
100000

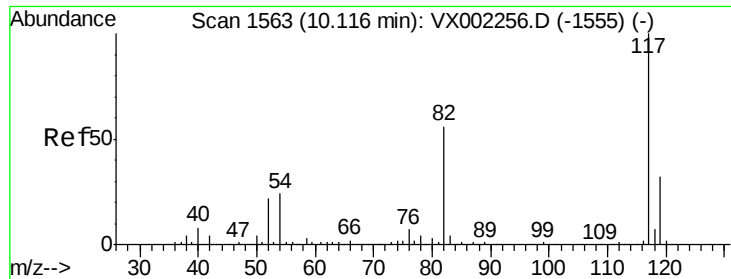
50000

0

Time-->

11.10 11.15 11.20

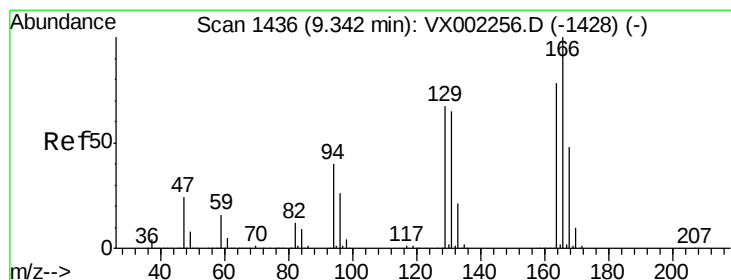
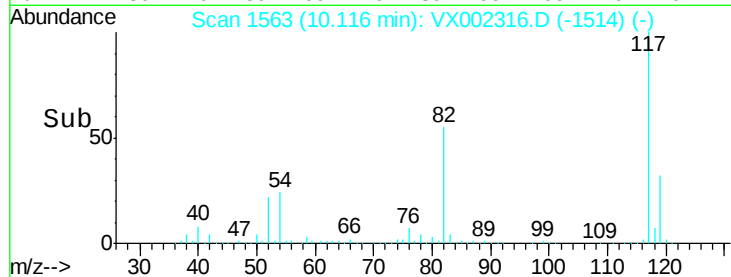
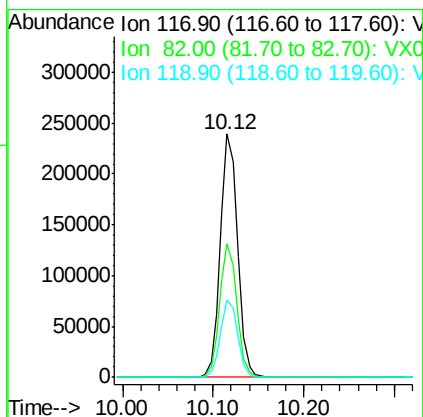
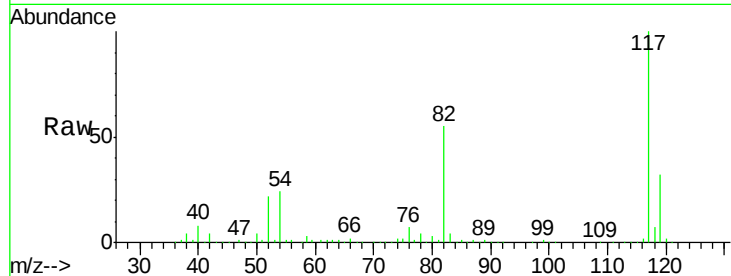




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002316.D
Acq: 05 Jun 2018 19:58

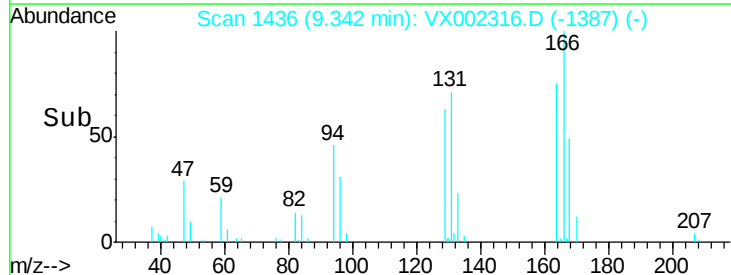
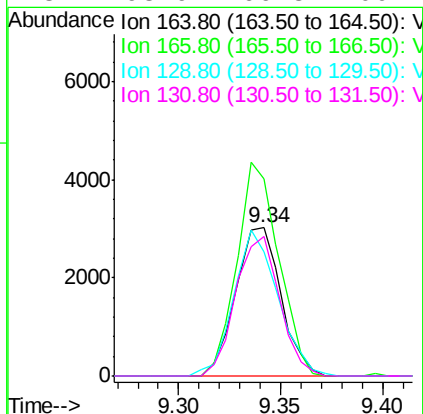
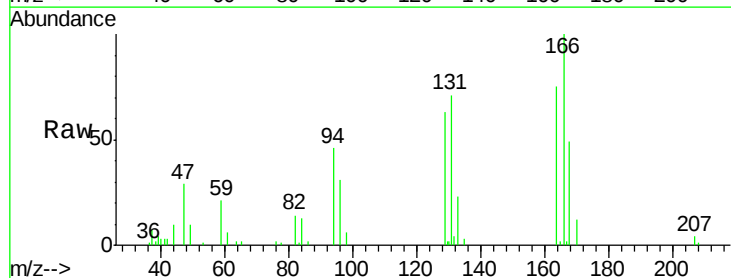
Instrument :
MSVOA_X
ClientSampleId :
DUP-0465-180530

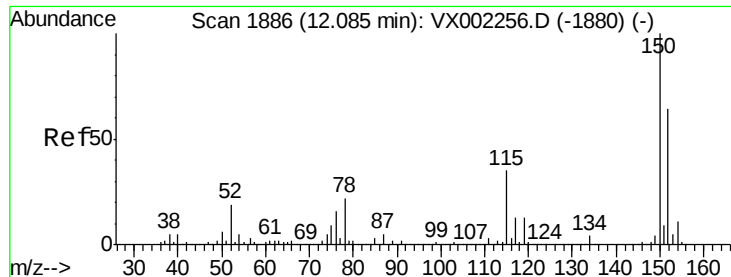
Tot Ion:117 Resp: 318763
Ion Ratio Lower Upper
117 100
82 54.7 45.0 67.4
119 31.7 25.8 38.6



#64
Tetrachloroethene
Concen: 1.421 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002316.D
Acq: 05 Jun 2018 19:58

Tgt Ion:164 Resp: 4670
Ion Ratio Lower Upper
164 100
166 132.7 102.9 154.3
129 83.6 68.6 102.8
131 93.9 66.8 100.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002316.D

Acq: 05 Jun 2018 19:58

Instrument :

MSVOA_X

ClientSampleId :

DUP-0465-180530

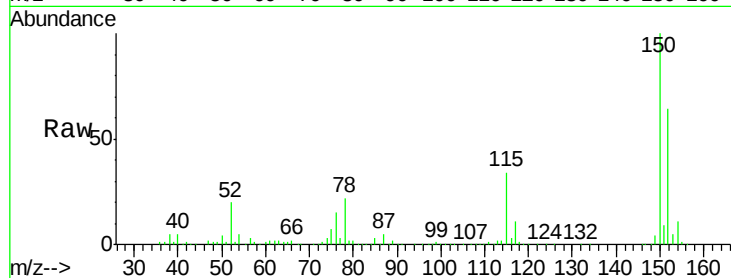
Tot Ion:152 Resp: 178578

Ion Ratio Lower Upper

152 100

115 54.8 40.1 120.2

150 156.1 0.0 347.2



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

