

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061418\
 Data File : VX002552.D
 Acq On : 14 Jun 2018 15:26
 Operator : JC/MD
 Sample : J3404-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0467-180607

Quant Time: Jun 15 12:10:10 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

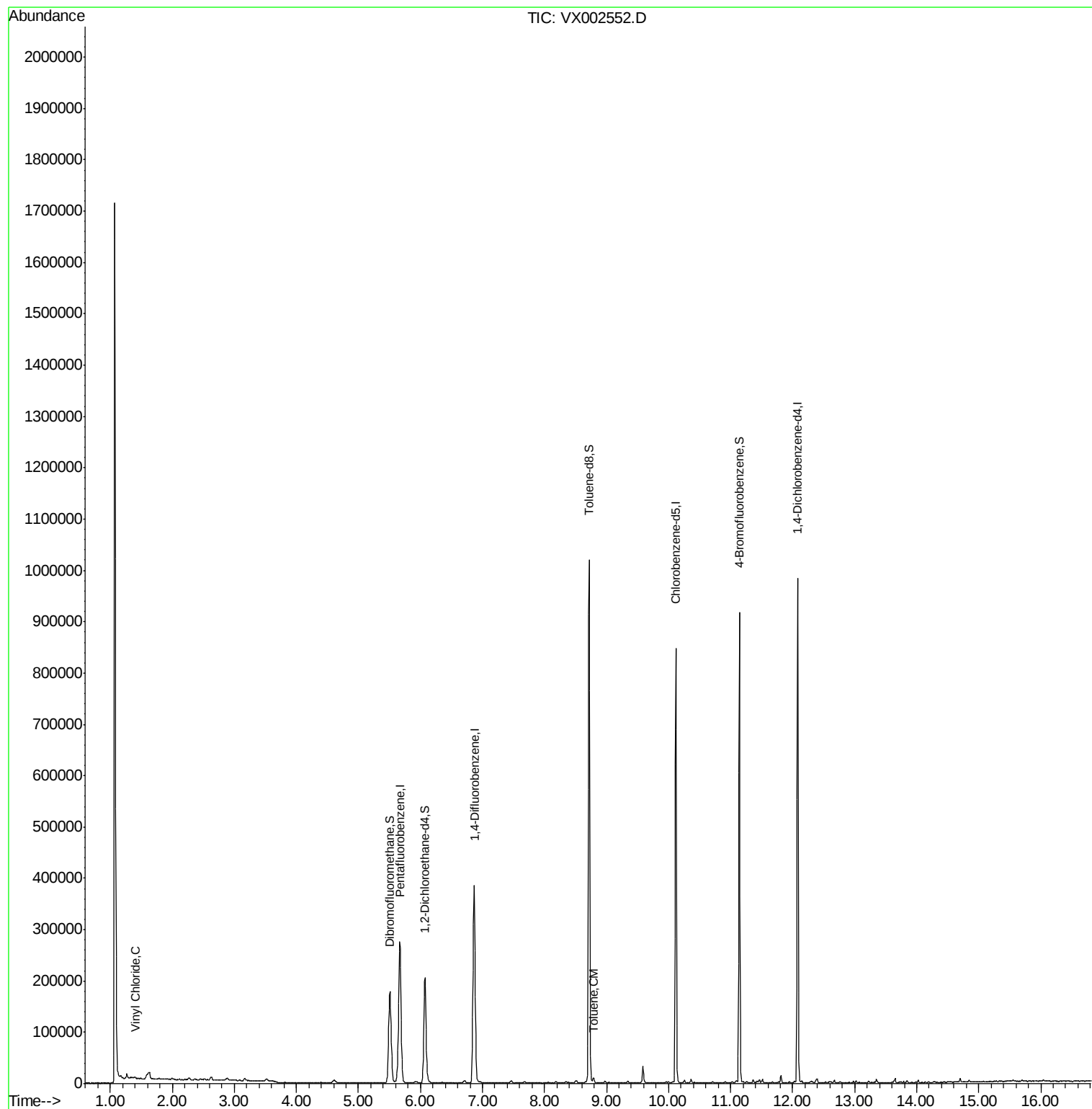
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	271332	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	387035	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	355436	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	206492	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	194896	50.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.50%	
35) Dibromofluoromethane	5.51	113	146246	48.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.10%	
50) Toluene-d8	8.72	98	579801	49.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.40%	
62) 4-Bromofluorobenzene	11.14	95	206723	45.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.90%	
Target Compounds						
4) Vinyl Chloride	1.40	62	1599	0.450	ug/l #	88
52) Toluene	8.79	92	3546	0.447	ug/l	92

(#) = 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: VX002552.D

Acq: 14 Jun 2018 15:26

Instrument :

MSVOA_X

ClientSampleId :

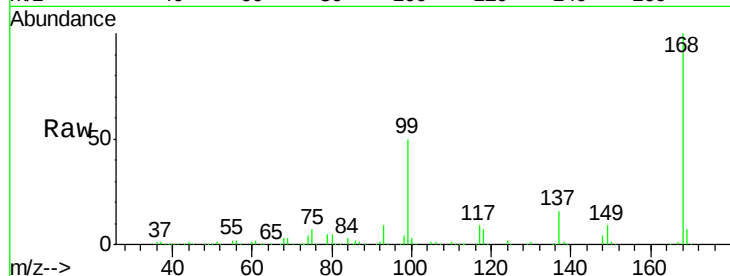
DUP-0467-180607

Tot Ion:168 Resp: 271332

Ion Ratio Lower Upper

168 100

99 49.6 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

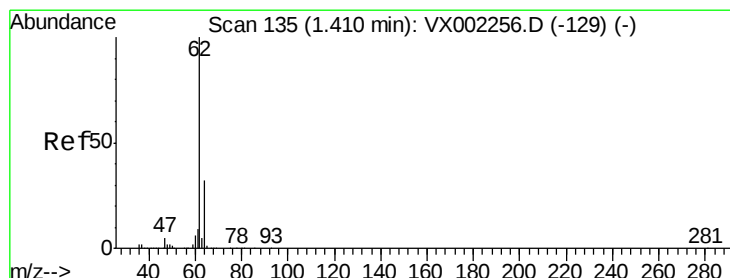
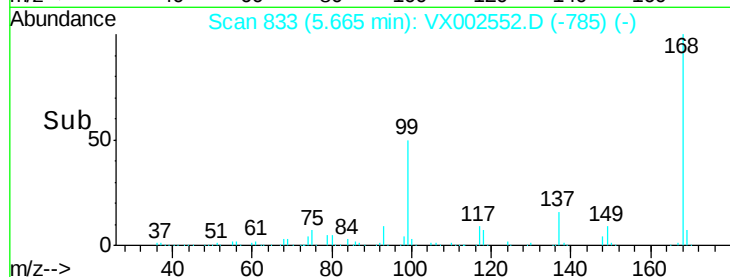
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 0.450 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX002552.D

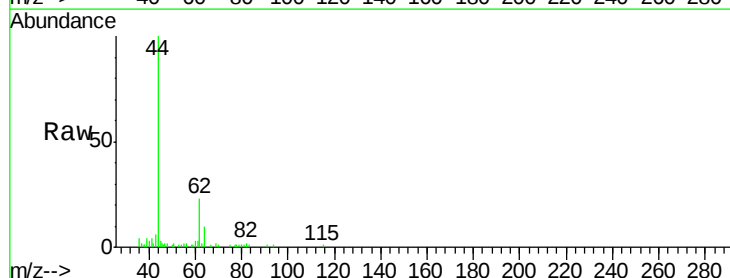
Acq: 14 Jun 2018 15:26

Tgt Ion: 62 Resp: 1599

Ion Ratio Lower Upper

62 100

64 38.4 25.4 38.2#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

1500

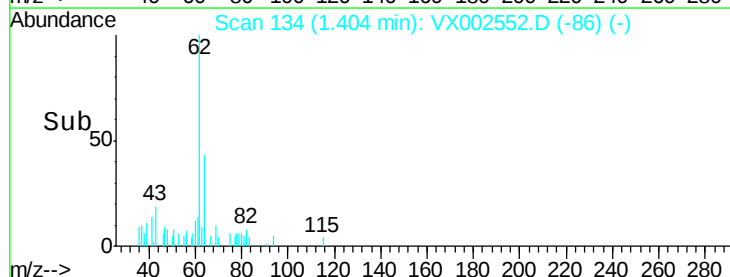
1000

500

0

Time-->

1.35 1.40 1.45





#33

1,2-Dichloroethane-d4

Concen: 50.247 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002552.D

Acq: 14 Jun 2018 15:26

Instrument :

MSVOA_X

ClientSampleId :

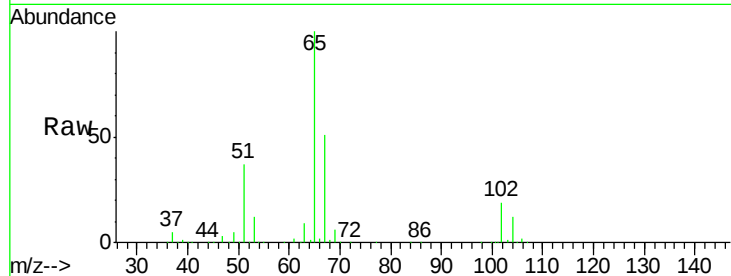
DUP-0467-180607

Tot Ion: 65 Resp: 194896

Ion Ratio Lower Upper

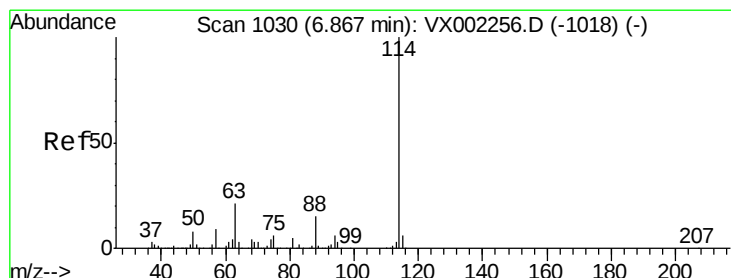
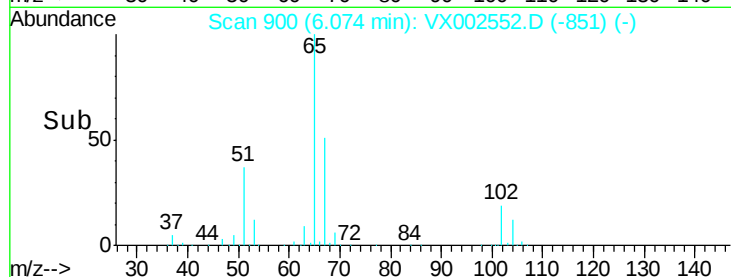
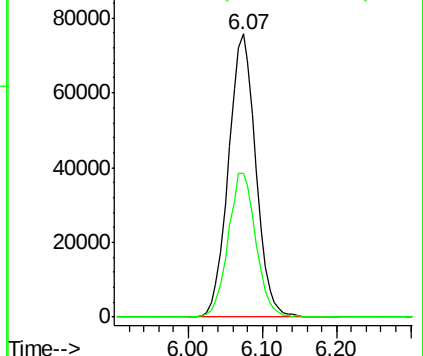
65 100

67 51.4 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: VX002552.D

Acq: 14 Jun 2018 15:26

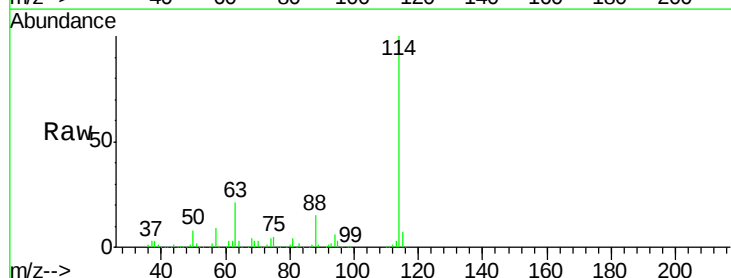
Tgt Ion: 114 Resp: 387035

Ion Ratio Lower Upper

114 100

63 21.0 0.0 41.4

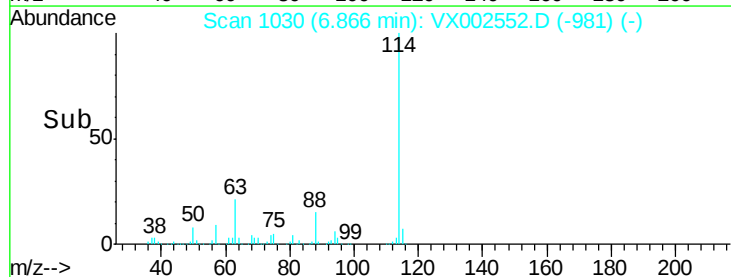
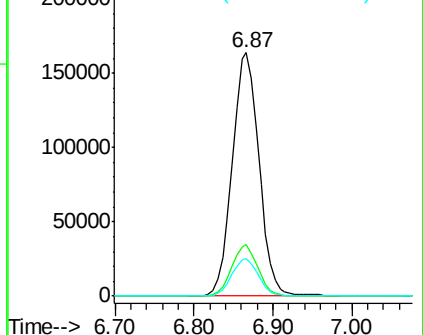
88 15.5 0.0 30.0

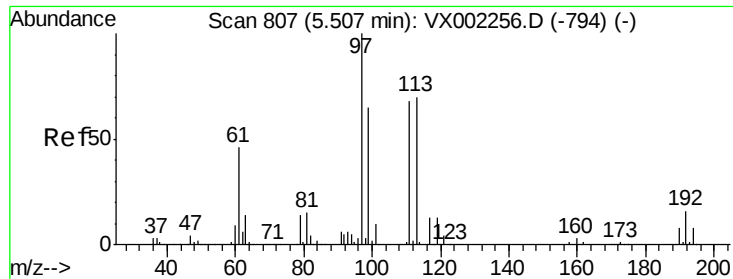


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

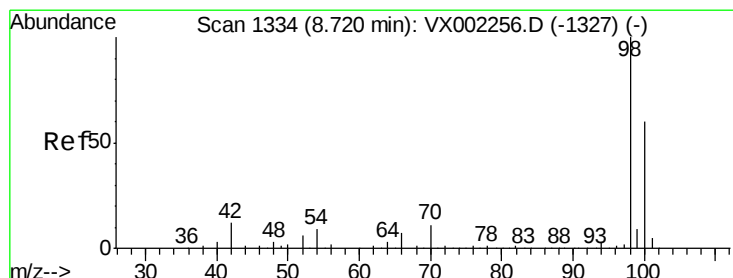
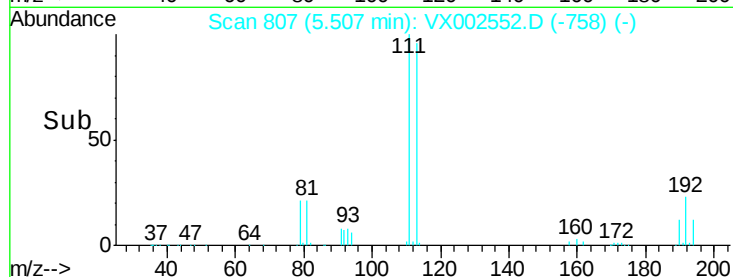
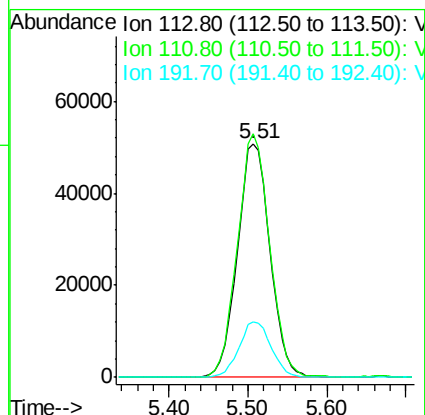
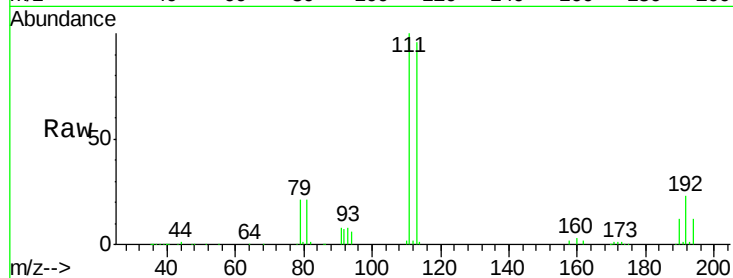




#35
 Dibromofluoromethane
 Concen: 48.049 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX002552.D
 Acq: 14 Jun 2018 15:26

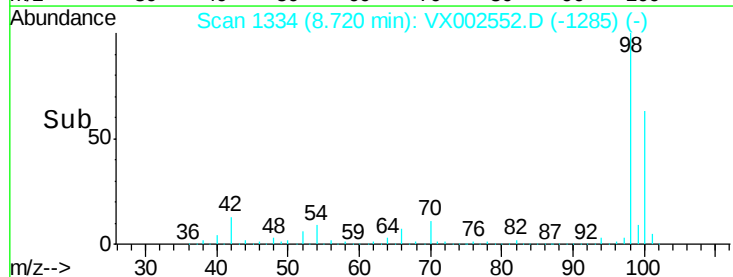
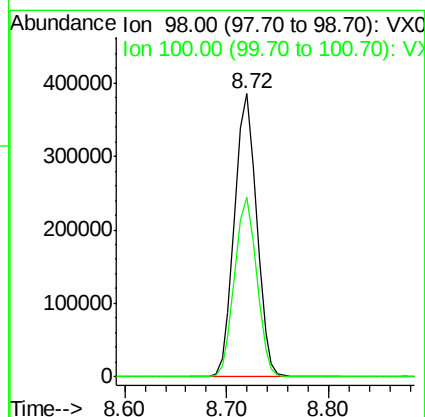
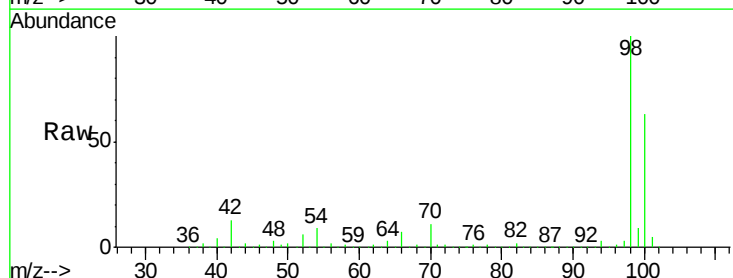
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0467-180607

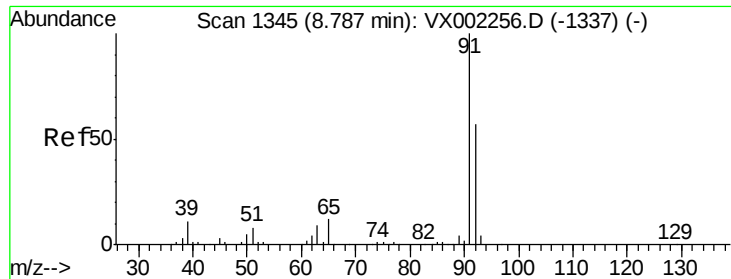
Tot Ion:113 Resp: 146246
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.4 122.0
 192 23.3 19.1 28.7



#50
 Toluene-d8
 Concen: 49.699 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: VX002552.D
 Acq: 14 Jun 2018 15:26

Tgt Ion: 98 Resp: 579801
 Ion Ratio Lower Upper
 98 100
 100 63.2 50.9 76.3





#52

Toluene

Concen: 0.447 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.01 min

Lab File: VX002552.D

Acq: 14 Jun 2018 15:26

Instrument :

MSVOA_X

ClientSampleId :

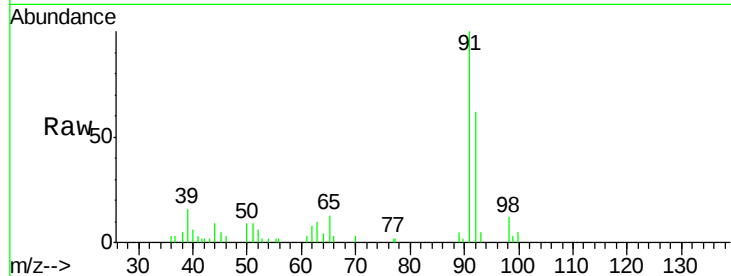
DUP-0467-180607

Tot Ion: 92 Resp: 3546

Ion Ratio Lower Upper

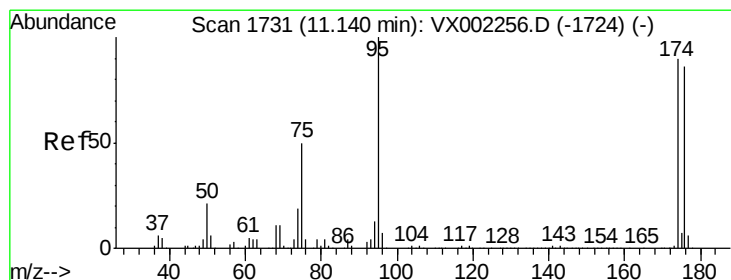
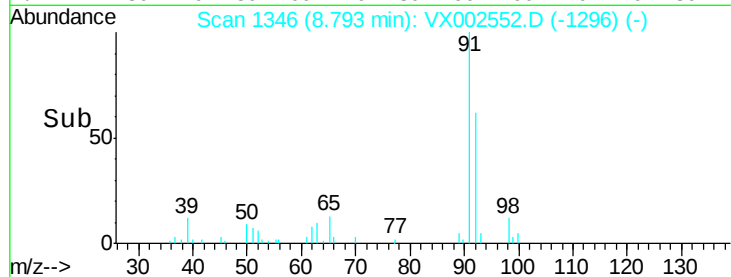
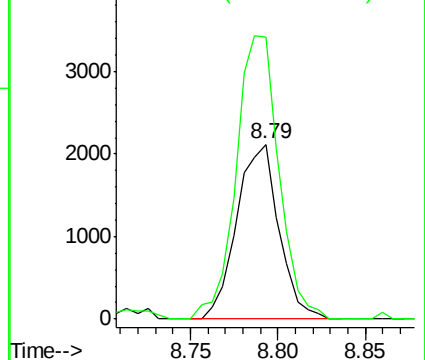
92 100

91 164.8 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 45.952 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002552.D

Acq: 14 Jun 2018 15:26

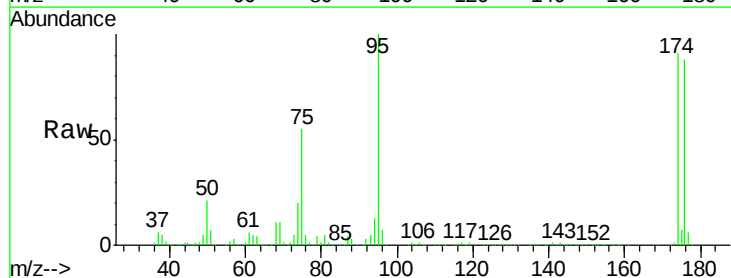
Tgt Ion: 95 Resp: 206723

Ion Ratio Lower Upper

95 100

174 95.9 0.0 187.4

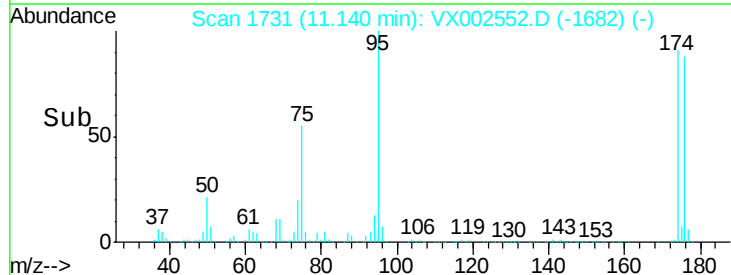
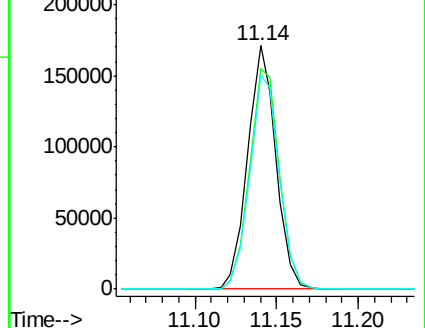
176 91.8 0.0 181.0

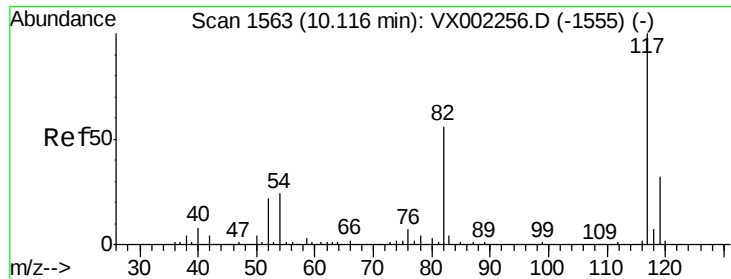


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

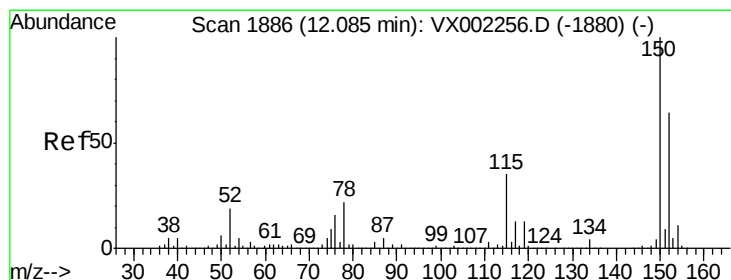
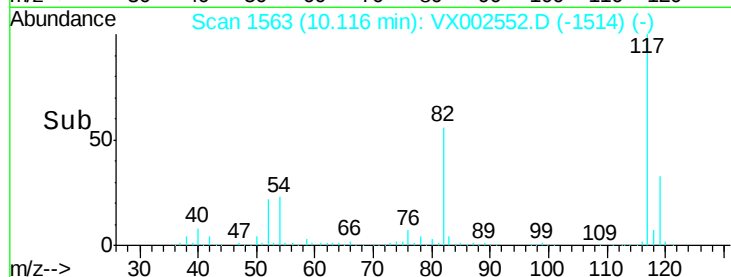
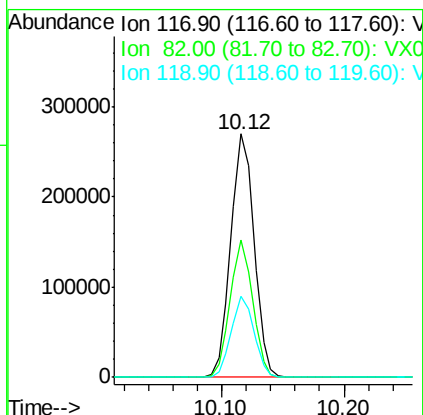
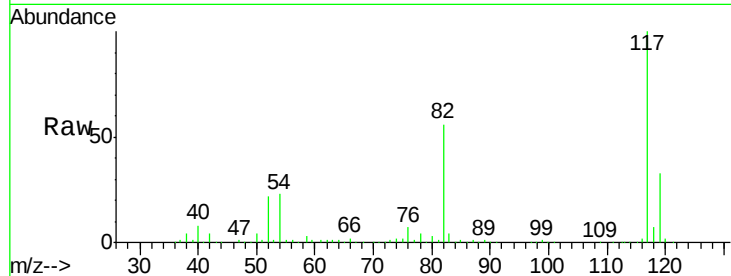




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.12 min Scan# 1563
 Delta R.T. -0.00 min
 Lab File: VX002552.D
 Acq: 14 Jun 2018 15:26

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0467-180607

Tot Ion:117 Resp: 355436
 Ion Ratio Lower Upper
 117 100
 82 56.4 45.0 67.4
 119 33.1 25.8 38.6



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX002552.D
 Acq: 14 Jun 2018 15:26

Tgt Ion:152 Resp: 206492
 Ion Ratio Lower Upper
 152 100
 115 55.2 40.1 120.2
 150 155.0 0.0 347.2

