

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061118\
 Data File : VX002451.D
 Acq On : 11 Jun 2018 18:55
 Operator : JC/MD
 Sample : J3406-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0468-180606

Quant Time: Jun 12 16:28:15 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

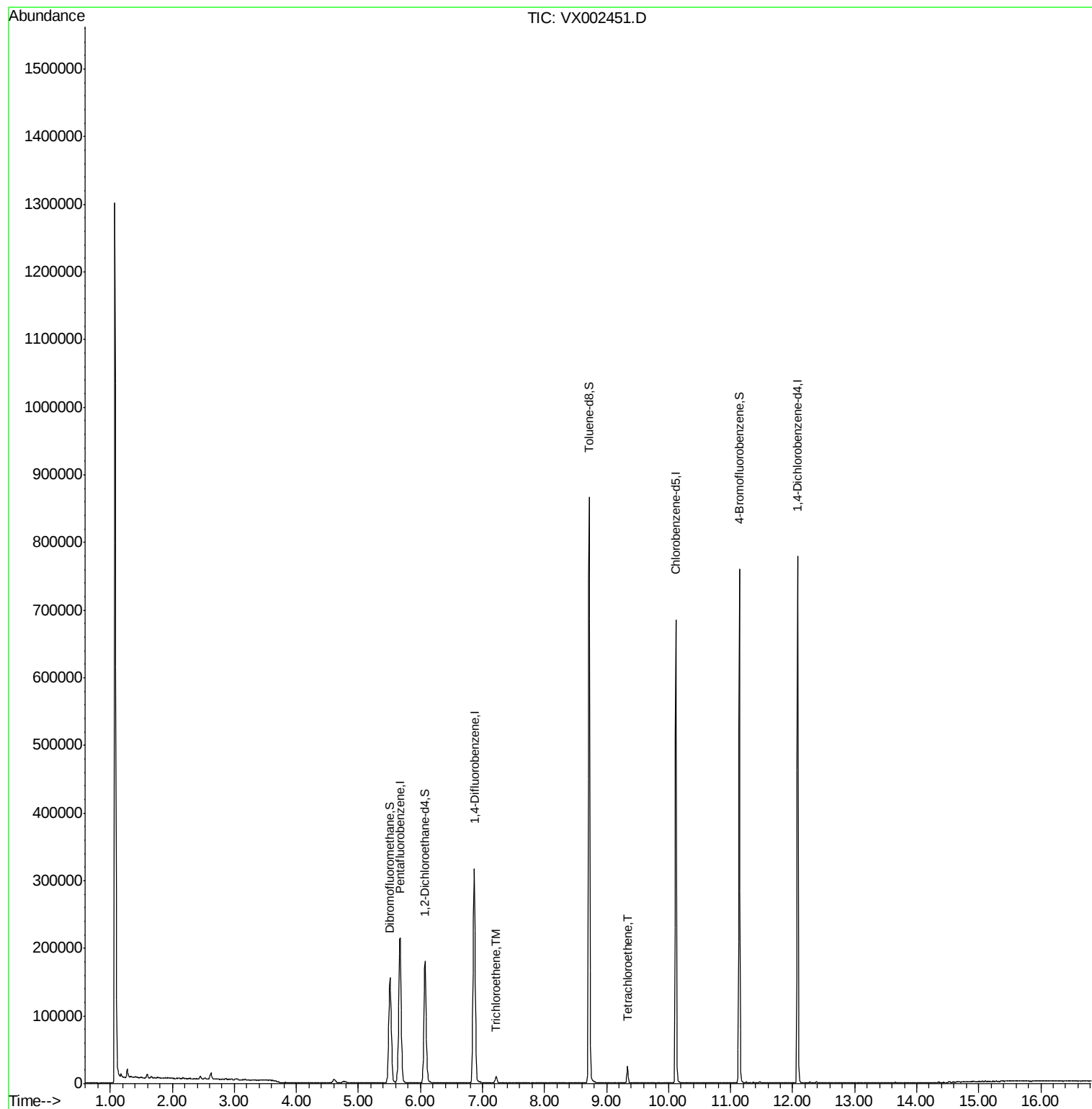
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	211721	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	311846	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	286087	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	157823	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	167644	55.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.54%	
35) Dibromofluoromethane	5.51	113	125995	51.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.76%	
50) Toluene-d8	8.72	98	494843	52.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.28%	
62) 4-Bromofluorobenzene	11.14	95	170130	46.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.88%	
Target Compounds						
44) Trichloroethene	7.21	130	3382	1.21	ug/l	93
64) Tetrachloroethene	9.34	164	4817	1.63	ug/l	95

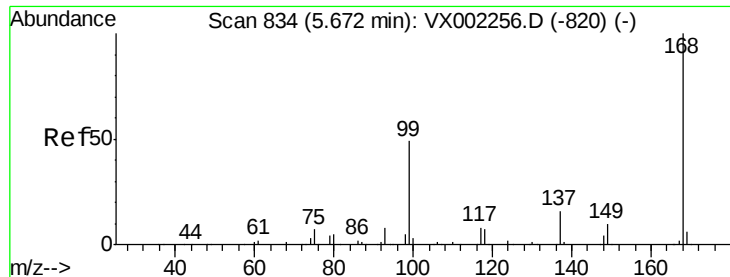
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002451.D

Acq: 11 Jun 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

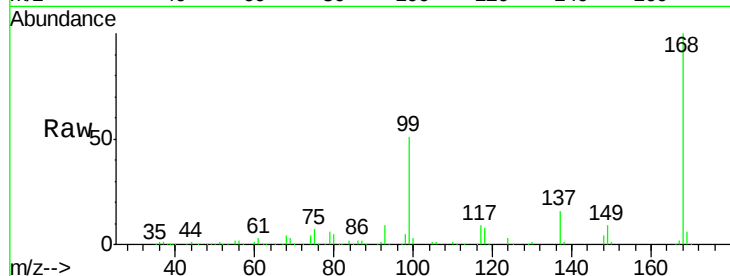
DUP-0468-180606

Tot Ion:168 Resp: 211721

Ion Ratio Lower Upper

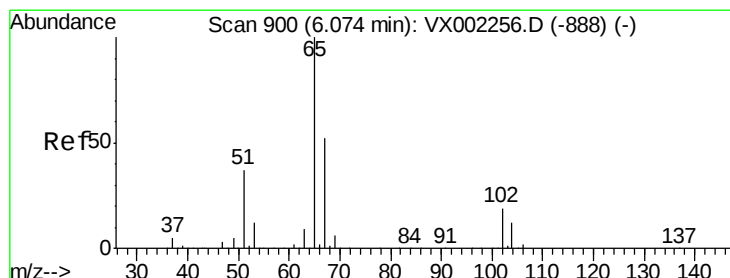
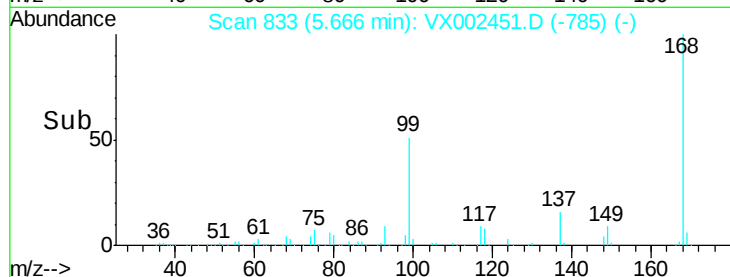
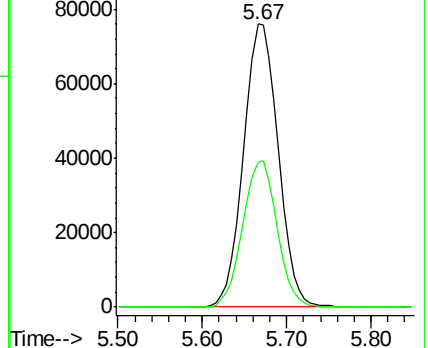
168 100

99 51.4 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: 55.77 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002451.D

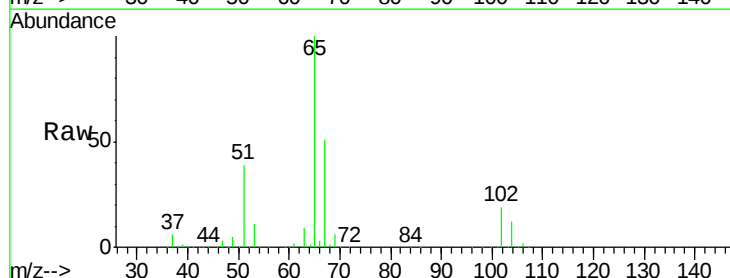
Acq: 11 Jun 2018 18:55

Tgt Ion: 65 Resp: 167644

Ion Ratio Lower Upper

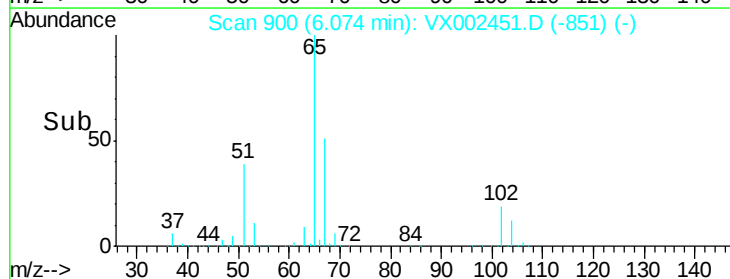
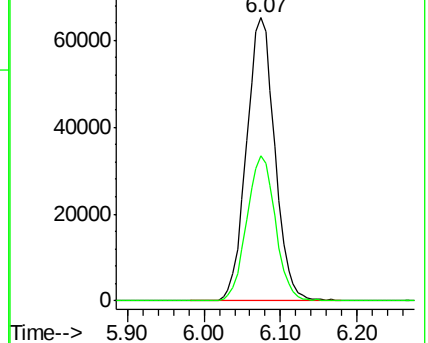
65 100

67 51.9 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: VX002451.D

Acq: 11 Jun 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

DUP-0468-180606

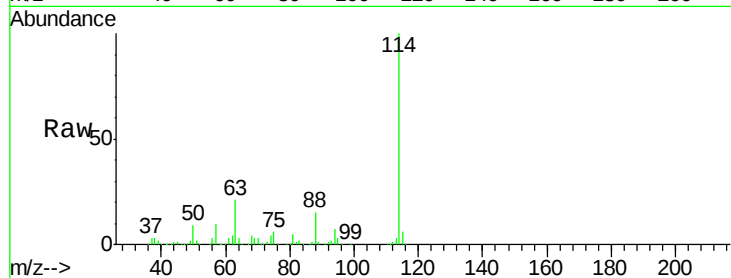
Tot Ion:114 Resp: 311846

Ion Ratio Lower Upper

114 100

63 20.9 0.0 41.4

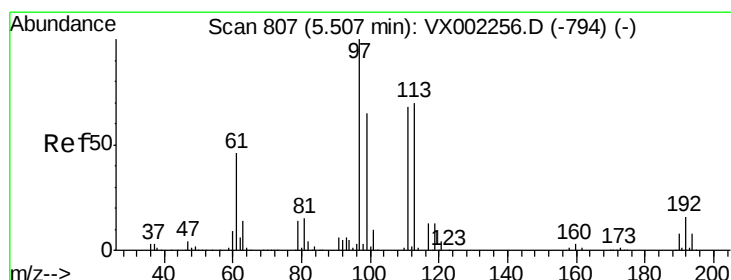
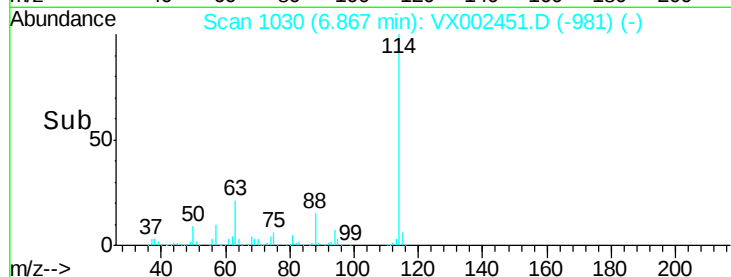
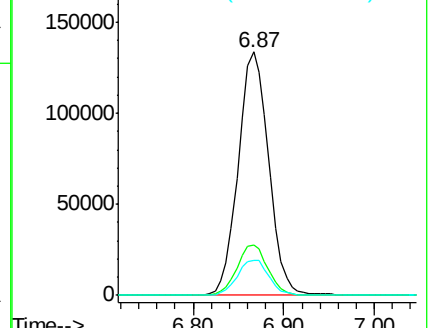
88 14.5 0.0 30.0



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: 51.38 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002451.D

Acq: 11 Jun 2018 18:55

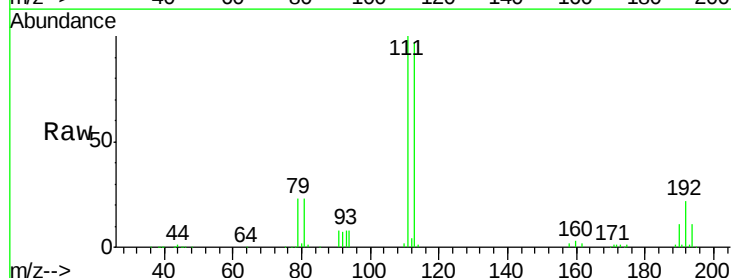
Tgt Ion:113 Resp: 125995

Ion Ratio Lower Upper

113 100

111 102.0 81.4 122.0

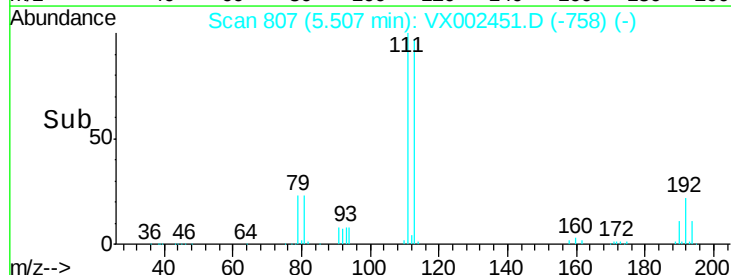
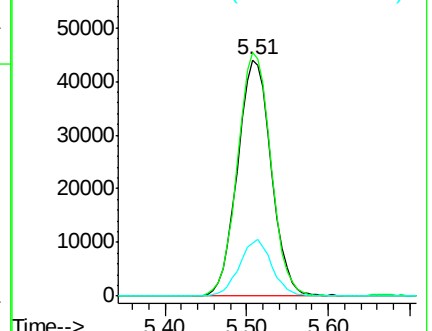
192 23.0 19.1 28.7

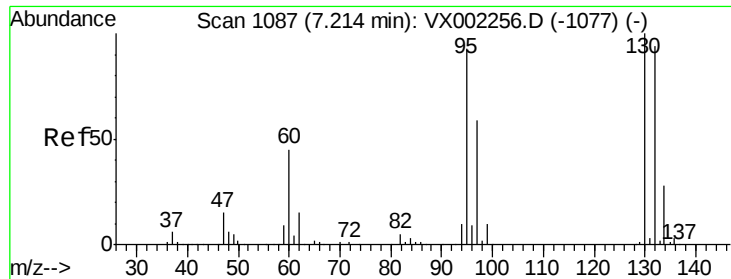


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 1.21 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX002451.D

Acq: 11 Jun 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

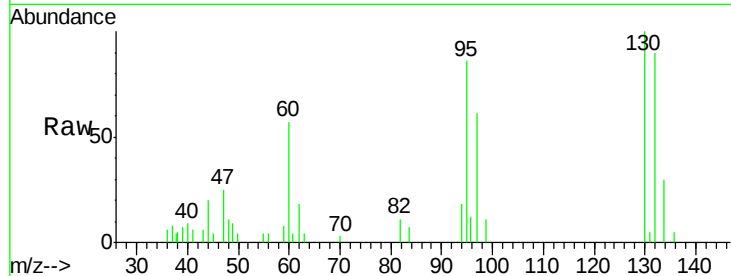
DUP-0468-180606

Tot Ion:130 Resp: 3382

Ion Ratio Lower Upper

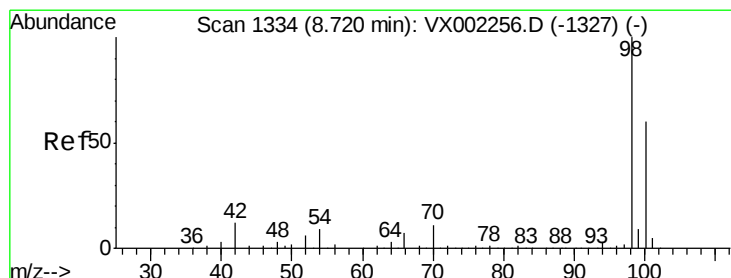
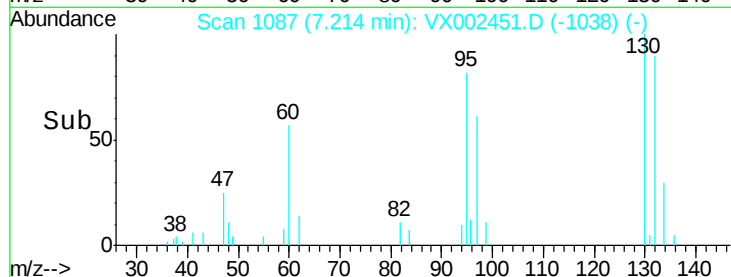
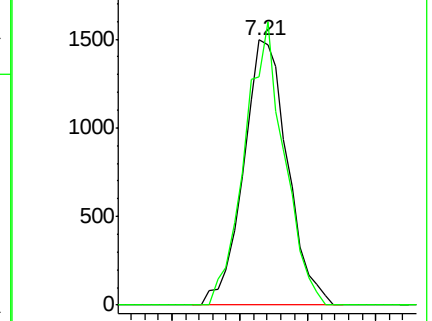
130 100

95 85.9 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: 52.64 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX002451.D

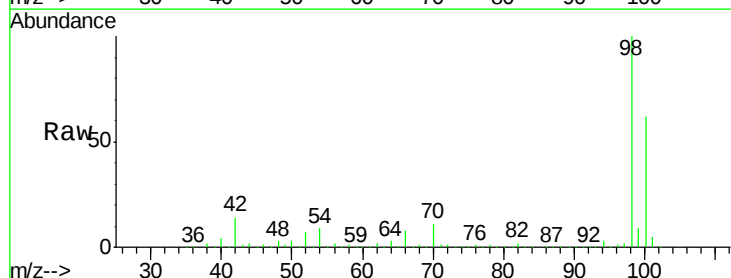
Acq: 11 Jun 2018 18:55

Tgt Ion: 98 Resp: 494843

Ion Ratio Lower Upper

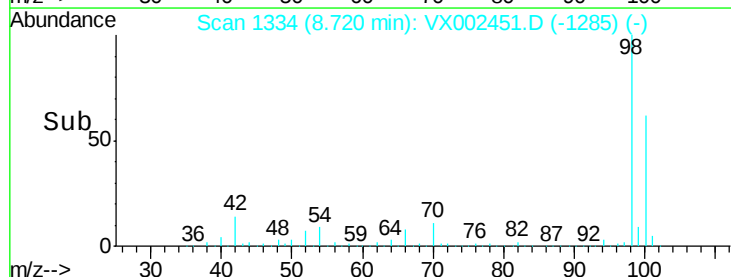
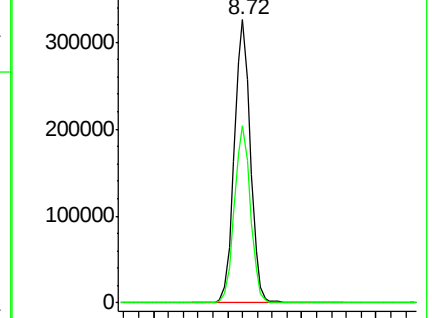
98 100

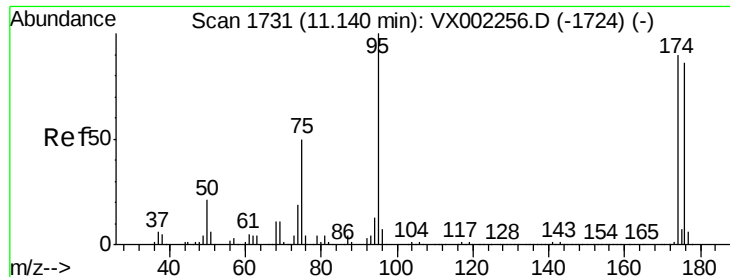
100 62.7 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

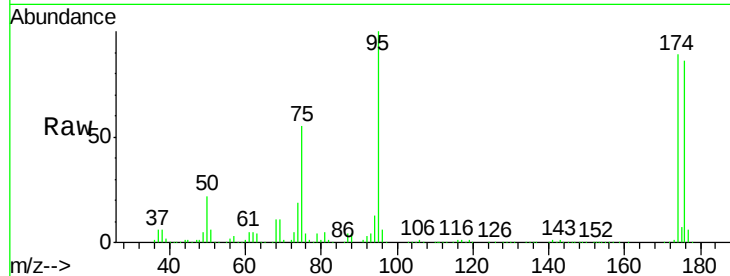




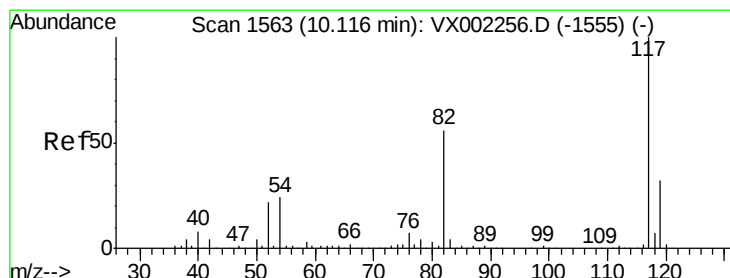
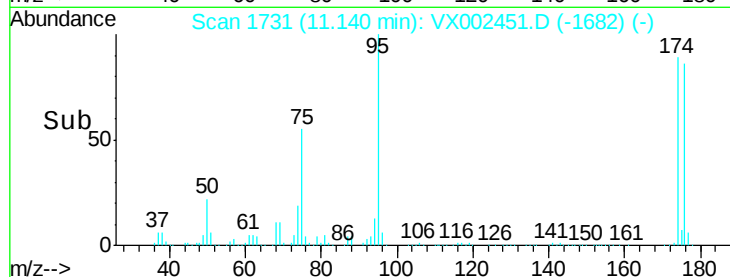
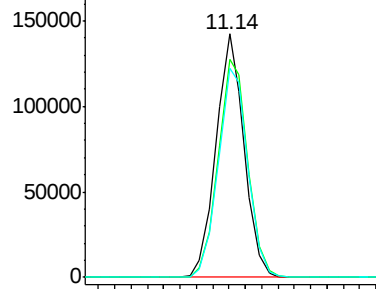
#62
4-Bromofluorobenzene
Concen: 46.94 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002451.D
Acq: 11 Jun 2018 18:55

Instrument :
MSVOA_X
ClientSampleId :
DUP-0468-180606

Tot Ion: 95 Resp: 170130
Ion Ratio Lower Upper
95 100
174 94.5 0.0 187.4
176 90.7 0.0 181.0

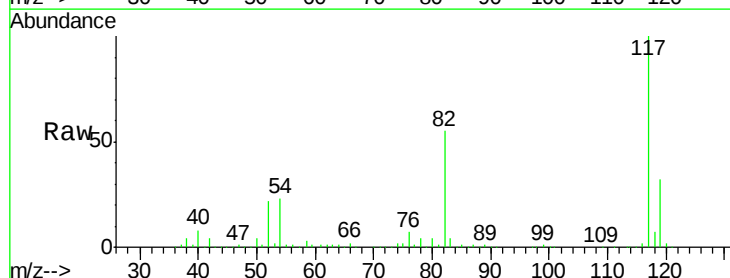


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

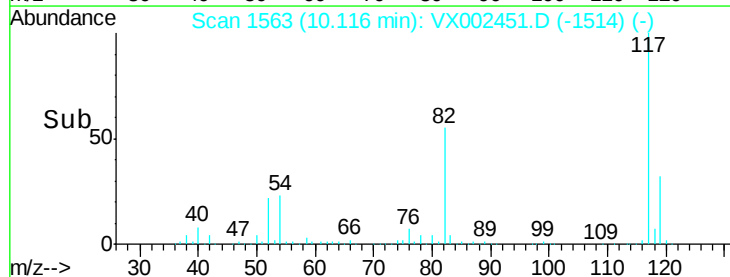
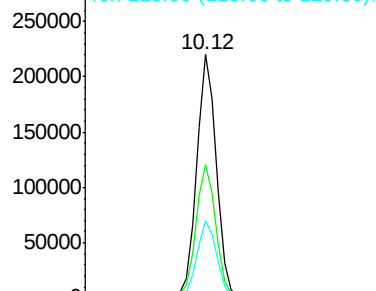


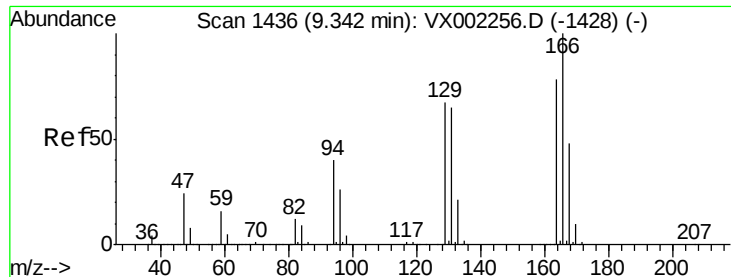
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002451.D
Acq: 11 Jun 2018 18:55

Tgt Ion: 117 Resp: 286087
Ion Ratio Lower Upper
117 100
82 54.7 45.0 67.4
119 31.8 25.8 38.6



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

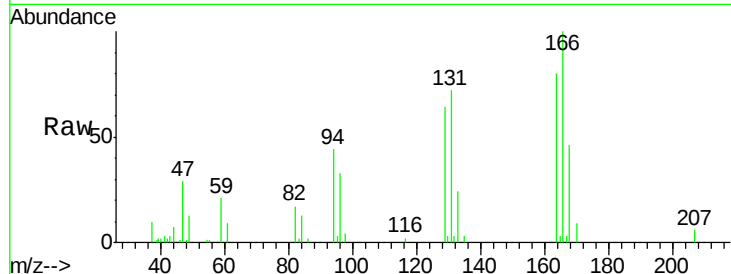




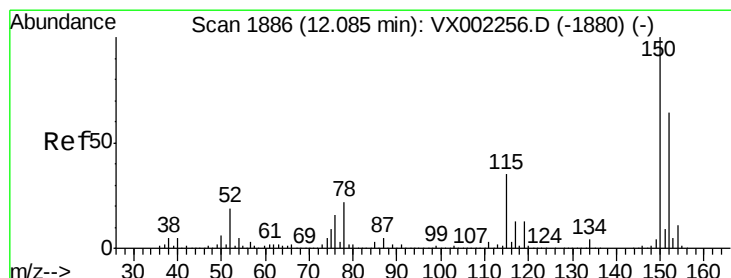
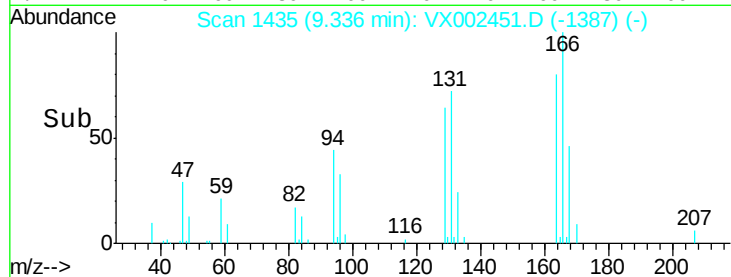
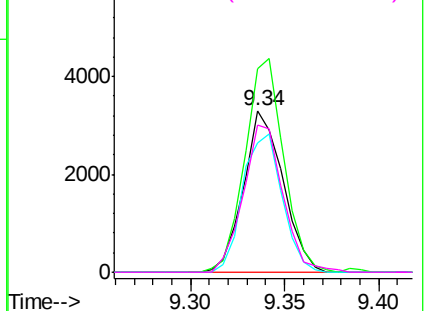
#64
Tetrachloroethene
Concen: 1.63 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX002451.D
Acq: 11 Jun 2018 18:55

Instrument :
MSVOA_X
ClientSampleId :
DUP-0468-180606

Tot Ion:164 Resp: 4817
Ion Ratio Lower Upper
164 100
166 125.5 102.9 154.3
129 79.9 68.6 102.8
131 90.8 66.8 100.2

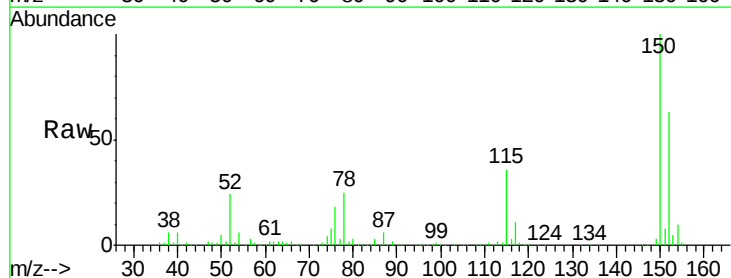


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX002451.D
Acq: 11 Jun 2018 18:55

Tgt Ion:152 Resp: 157823
Ion Ratio Lower Upper
152 100
115 55.0 40.1 120.2
150 155.8 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

