

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060918\
 Data File : VX002422.D
 Acq On : 09 Jun 2018 15:42
 Operator : JC/MD
 Sample : J3396-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 W-46

Quant Time: Jun 11 04:42:55 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

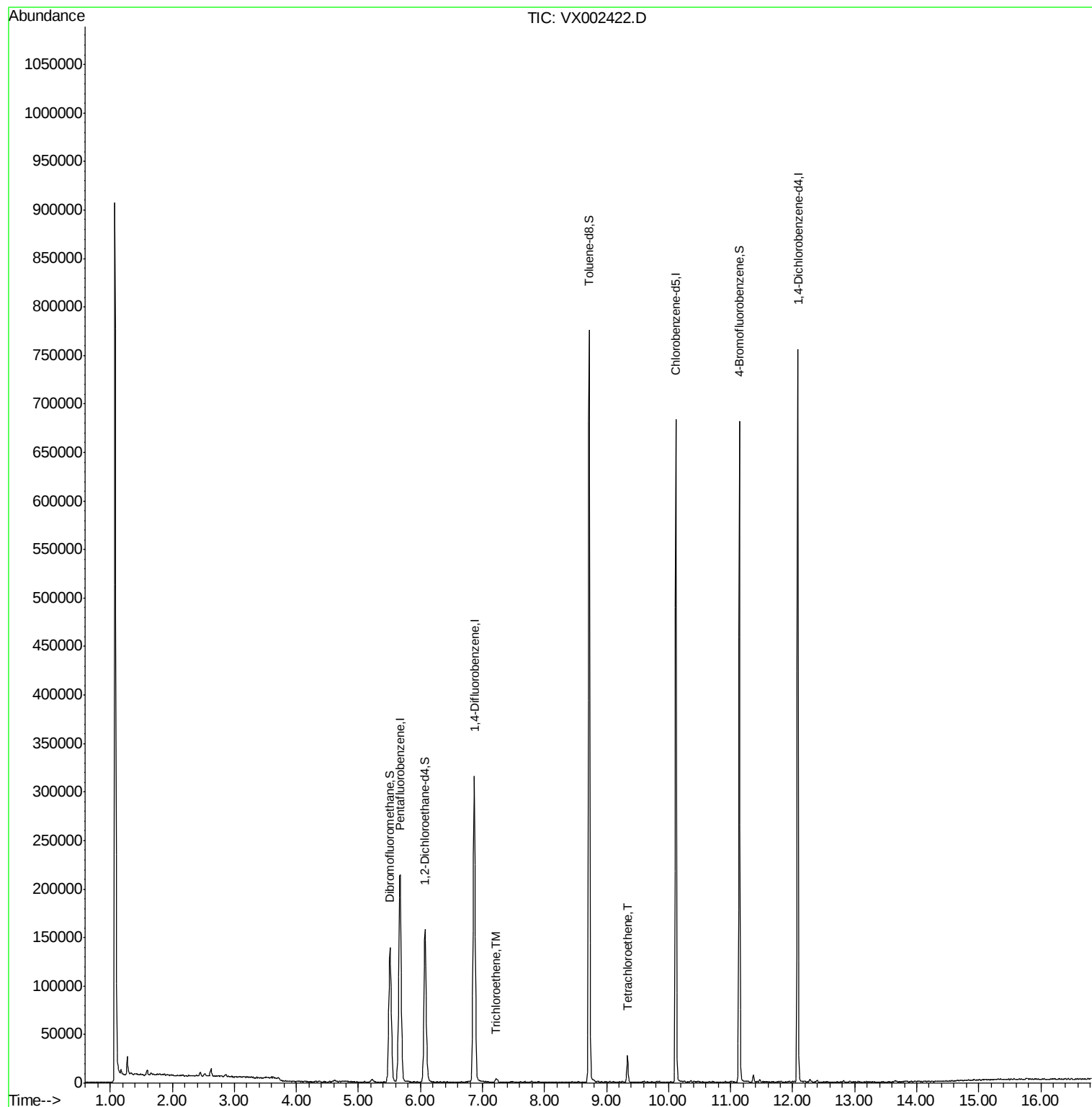
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	211996	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	308388	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	281929	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	157154	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	147940	48.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.42%	
35) Dibromofluoromethane	5.51	113	112489	46.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.76%	
50) Toluene-d8	8.72	98	442320	47.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.16%	
62) 4-Bromofluorobenzene	11.14	95	153526	42.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.66%	
Target Compounds						
44) Trichloroethene	7.22	130	1206	0.44	ug/l	Qvalue 89
64) Tetrachloroethene	9.34	164	4376	1.51	ug/l	# 78

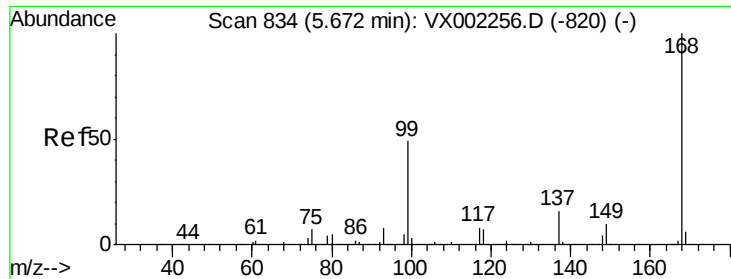
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX002422.D

Acq: 09 Jun 2018 15:42

Instrument :

MSVOA_X

ClientSampleId :

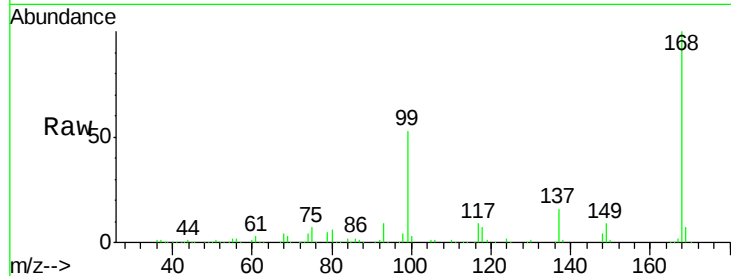
W-46

Tot Ion:168 Resp: 211996

Ion Ratio Lower Upper

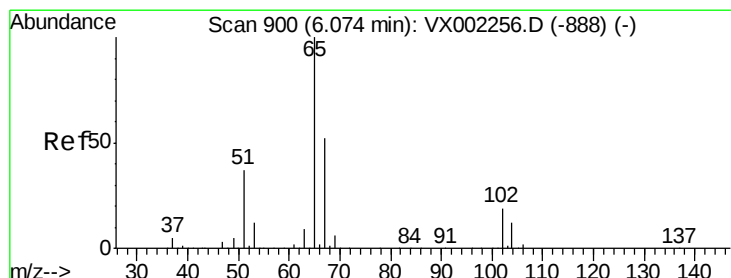
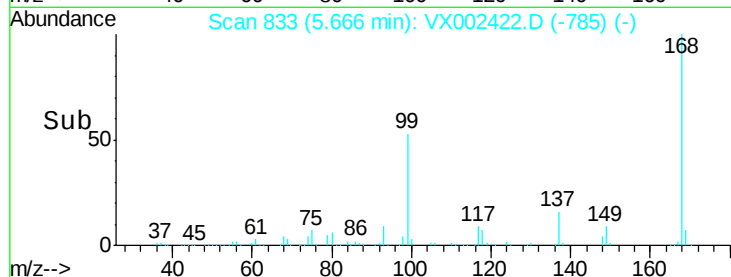
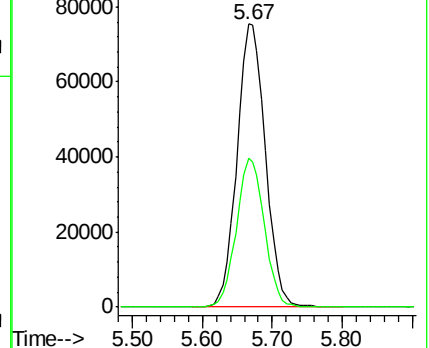
168 100

99 52.5 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: 48.71 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002422.D

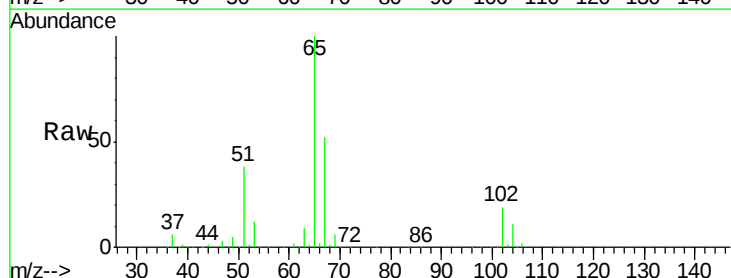
Acq: 09 Jun 2018 15:42

Tgt Ion: 65 Resp: 147940

Ion Ratio Lower Upper

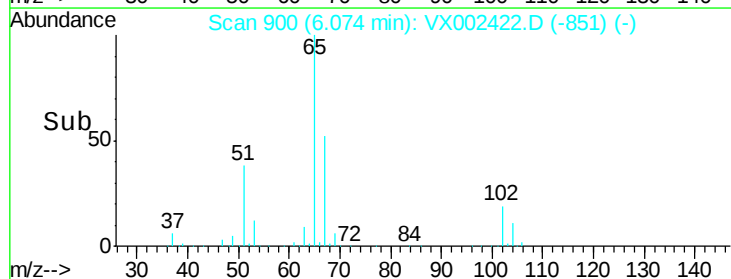
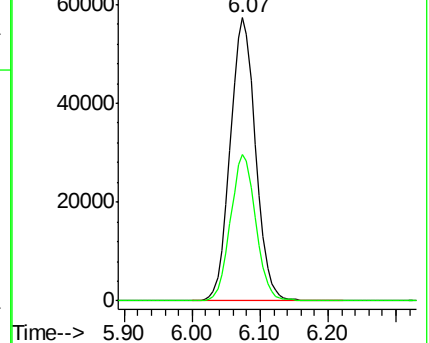
65 100

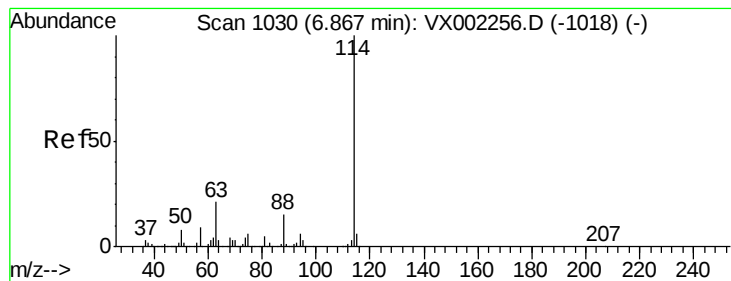
67 51.4 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002422.D

Acq: 09 Jun 2018 15:42

Instrument :

MSVOA_X

ClientSampleId :

W-46

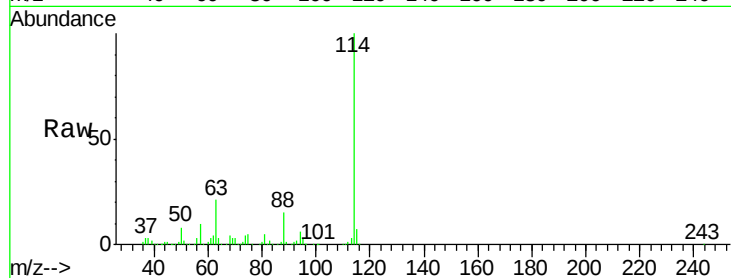
Tot Ion:114 Resp: 308388

Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.4

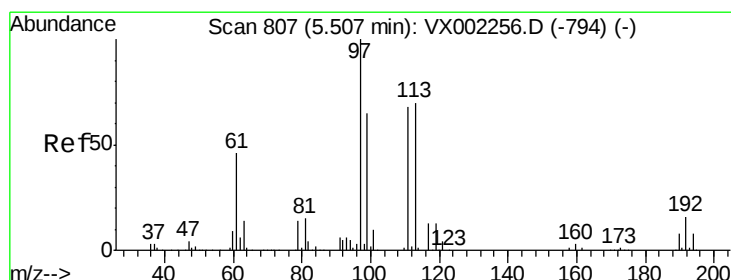
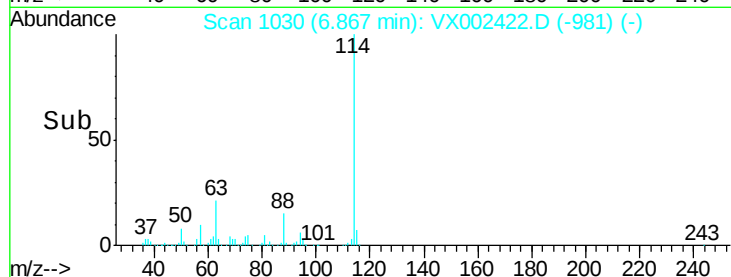
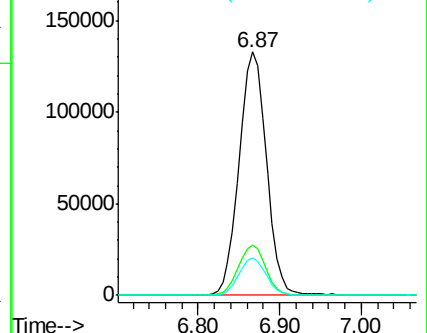
88 15.4 0.0 30.0



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: 46.38 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002422.D

Acq: 09 Jun 2018 15:42

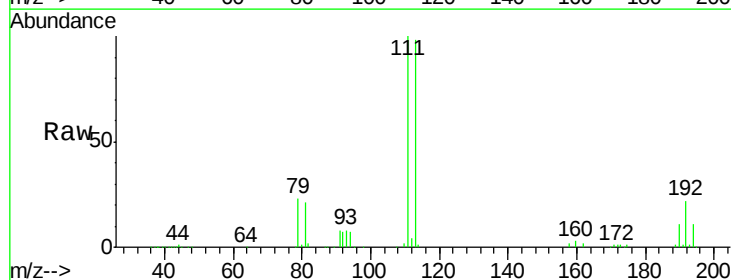
Tgt Ion:113 Resp: 112489

Ion Ratio Lower Upper

113 100

111 101.3 81.4 122.0

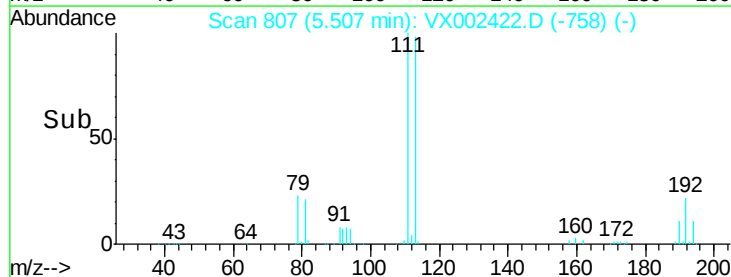
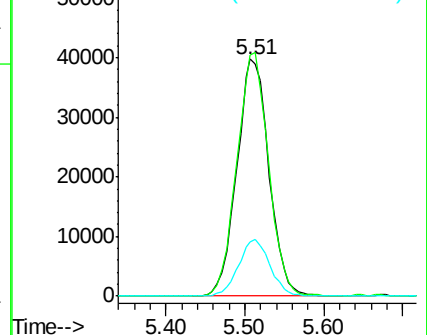
192 23.4 19.1 28.7

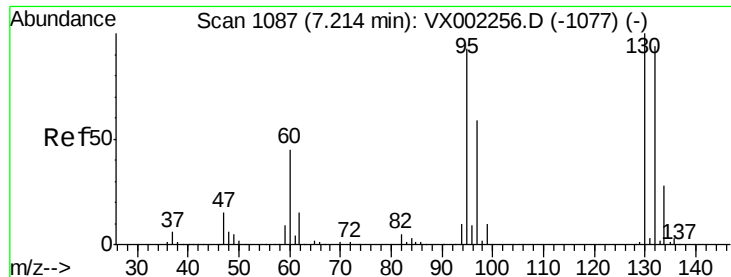


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 0.44 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX002422.D

Acq: 09 Jun 2018 15:42

Instrument :

MSVOA_X

ClientSampleId :

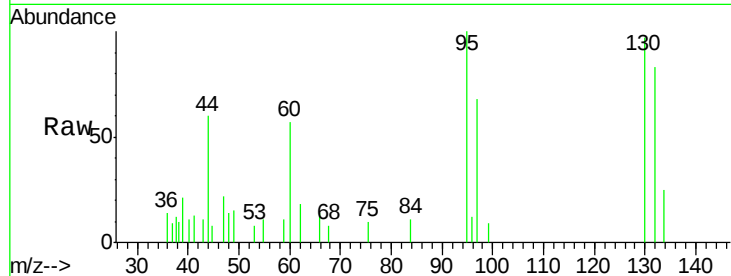
W-46

Tot Ion:130 Resp: 1206

Ion Ratio Lower Upper

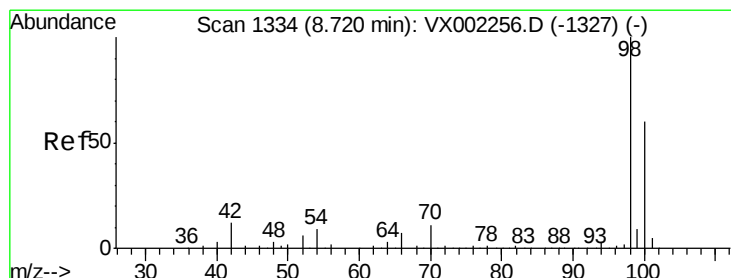
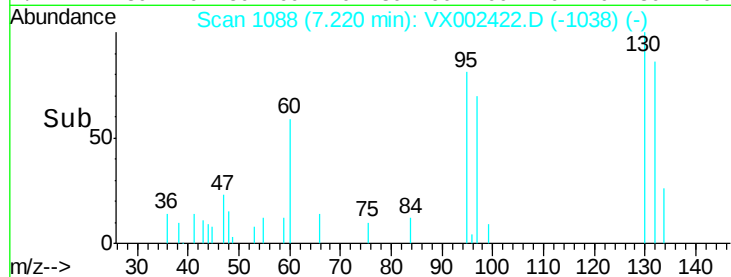
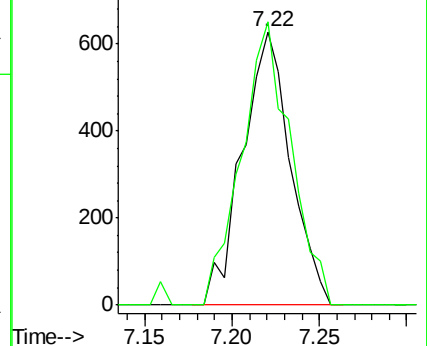
130 100

95 103.5 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: 47.58 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX002422.D

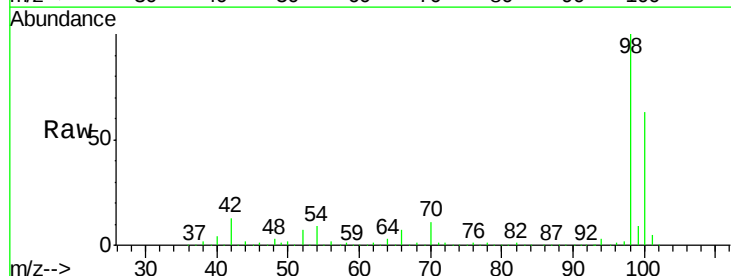
Acq: 09 Jun 2018 15:42

Tgt Ion: 98 Resp: 442320

Ion Ratio Lower Upper

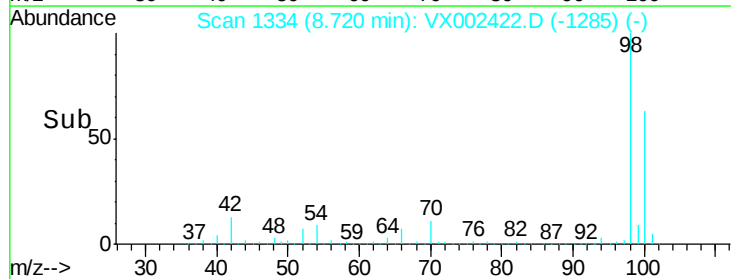
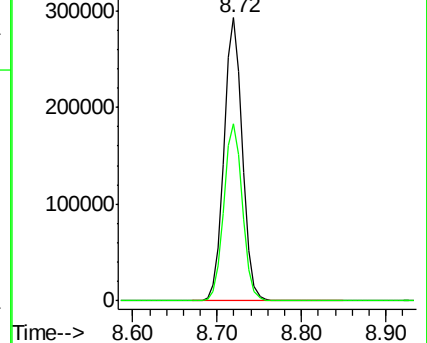
98 100

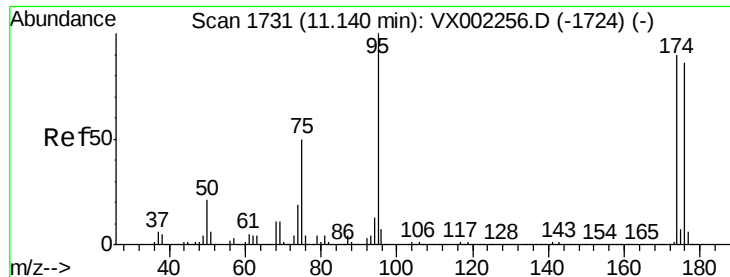
100 63.4 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 42.83 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002422.D

Acq: 09 Jun 2018 15:42

Instrument :

MSVOA_X

ClientSampleId :

W-46

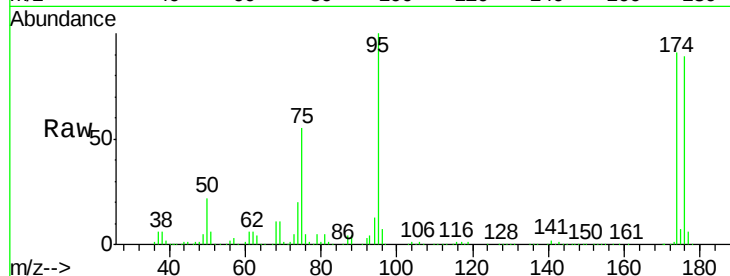
Tot Ion: 95 Resp: 153526

Ion Ratio Lower Upper

95 100

174 93.3 0.0 187.4

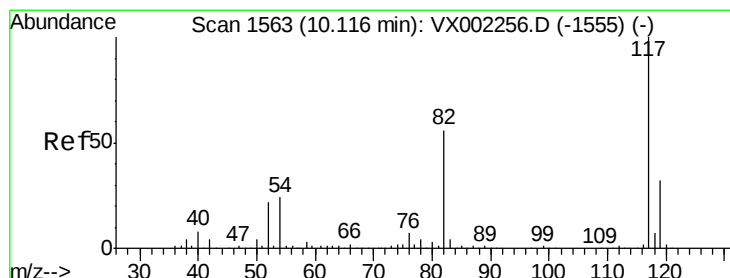
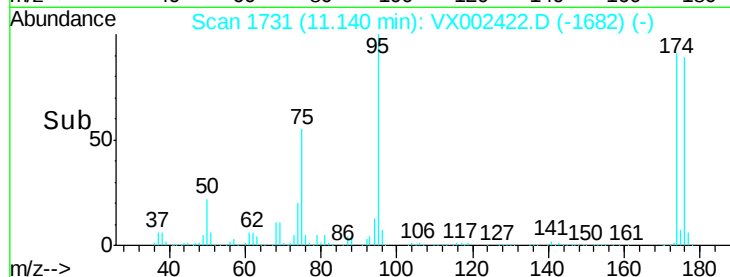
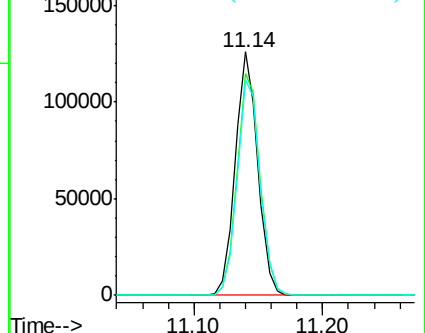
176 90.5 0.0 181.0



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: VX002422.D

Acq: 09 Jun 2018 15:42

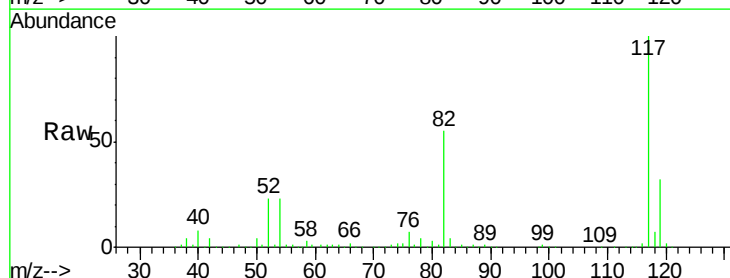
Tgt Ion: 117 Resp: 281929

Ion Ratio Lower Upper

117 100

82 55.1 45.0 67.4

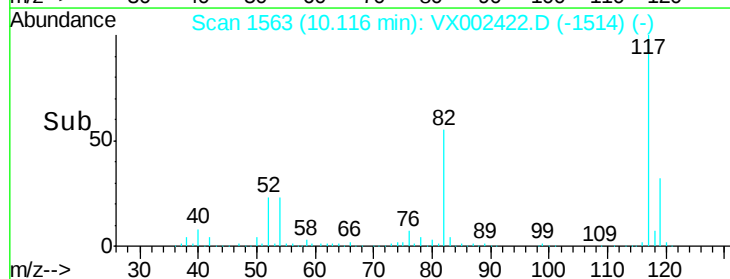
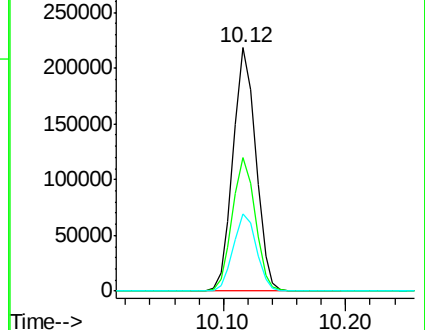
119 31.8 25.8 38.6

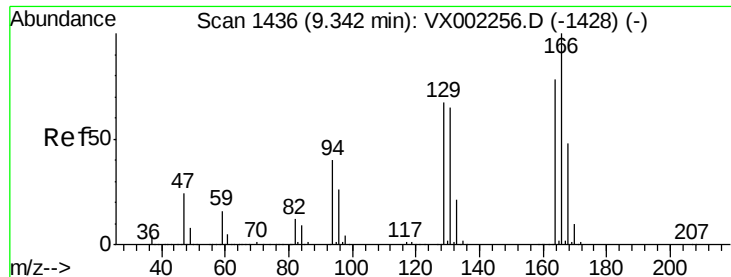


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

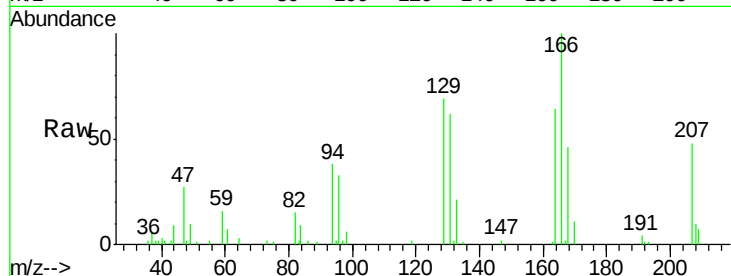




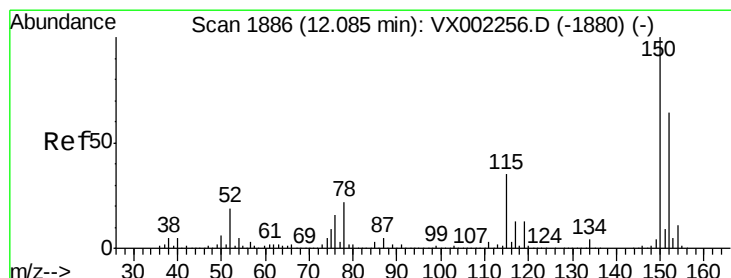
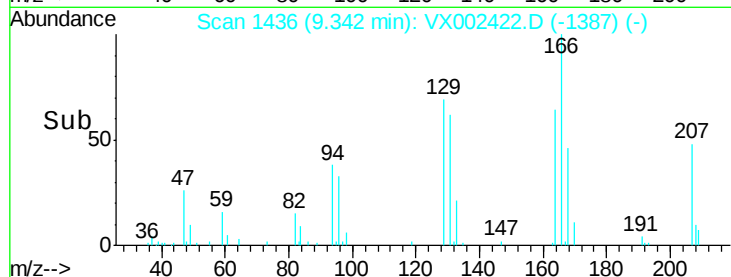
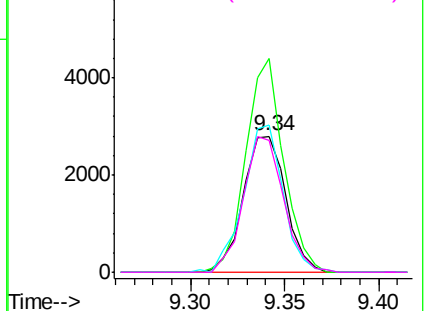
#64
Tetrachloroethene
Concen: 1.51 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002422.D
Acq: 09 Jun 2018 15:42

Instrument :
MSVOA_X
ClientSampleId :
W-46

Tot Ion:164 Resp: 4376
Ion Ratio Lower Upper
164 100
166 157.4 102.9 154.3#
129 108.6 68.6 102.8#
131 96.8 66.8 100.2

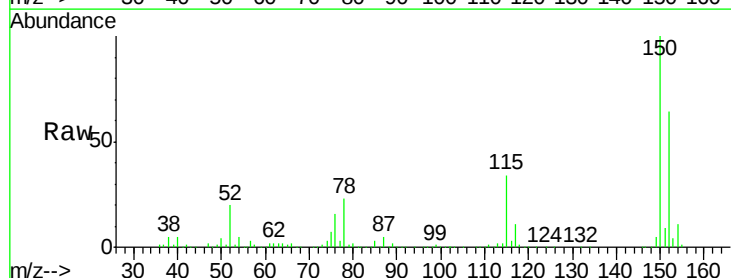


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002422.D
Acq: 09 Jun 2018 15:42

Tgt Ion:152 Resp: 157154
Ion Ratio Lower Upper
152 100
115 54.9 40.1 120.2
150 157.2 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

