

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090418\
 Data File : VX004352.D
 Acq On : 04 Sep 2018 17:33
 Operator : JC/MD
 Sample : J4757-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-BR

Quant Time: Sep 05 07:35:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

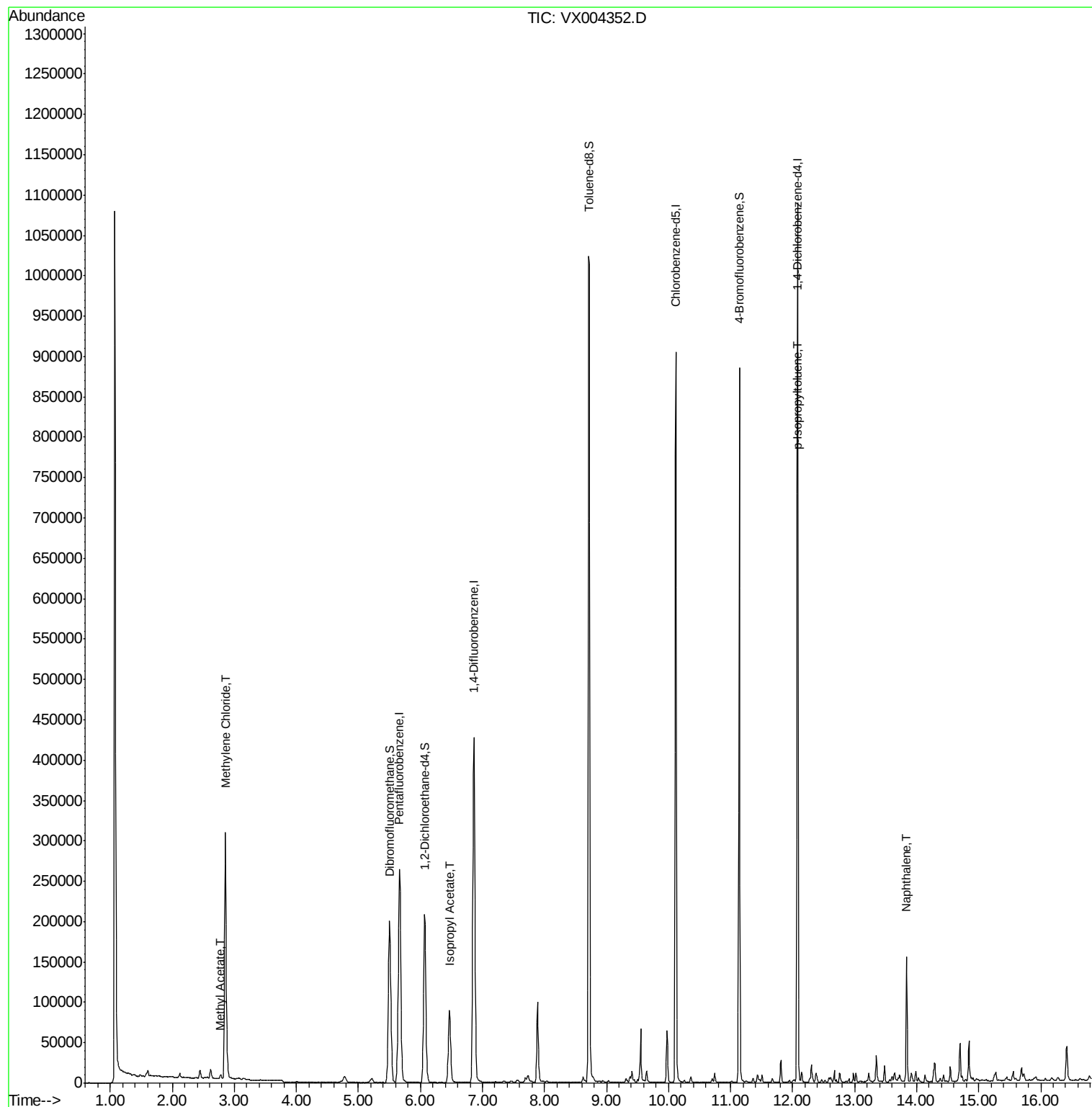
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	277425	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	444475	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	410410	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	220939	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	191769	53.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.08%	
35) Dibromofluoromethane	5.50	113	170390	51.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.06%	
50) Toluene-d8	8.72	98	634593	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	
62) 4-Bromofluorobenzene	11.14	95	222151	47.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.40%	
Target Compounds						
18) Methyl Acetate	2.78	43	5858	1.09	ug/l	99
20) Methylene Chloride	2.86	84	145313	41.75	ug/l	99
43) Isopropyl Acetate	6.47	43	115651	15.32	ug/l	100
86) p-Isopropyltoluene	12.07	119	15534	1.21	ug/l	93
95) Naphthalene	13.83	128	97202	6.74	ug/l	99

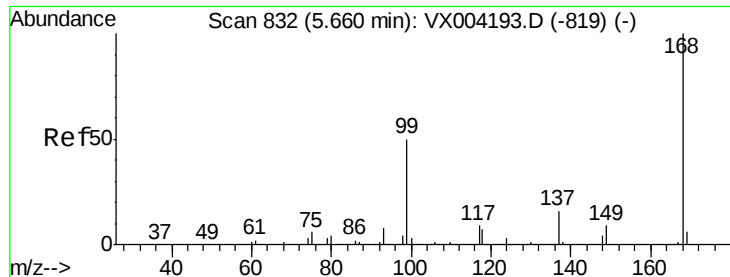
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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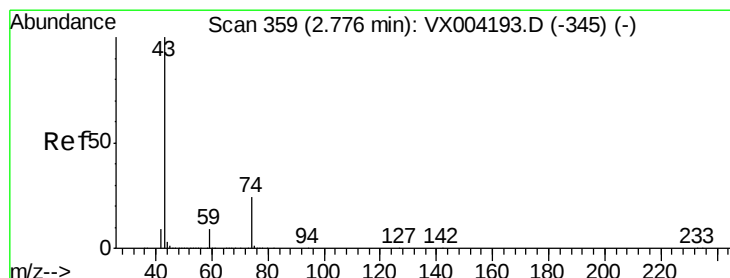
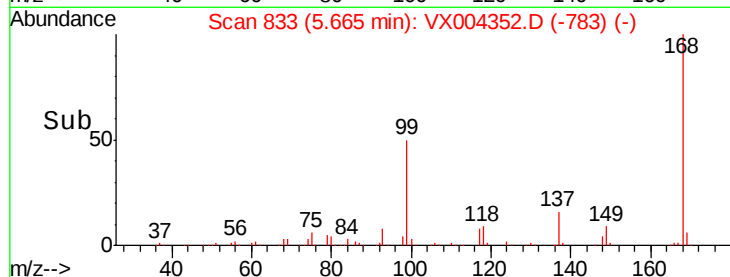
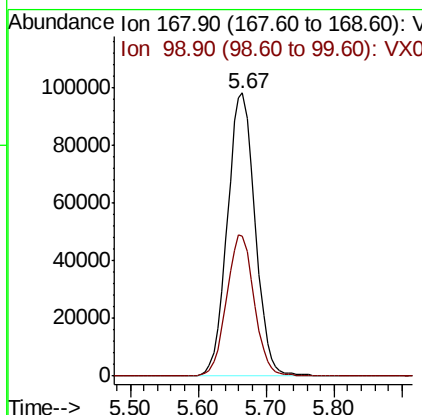
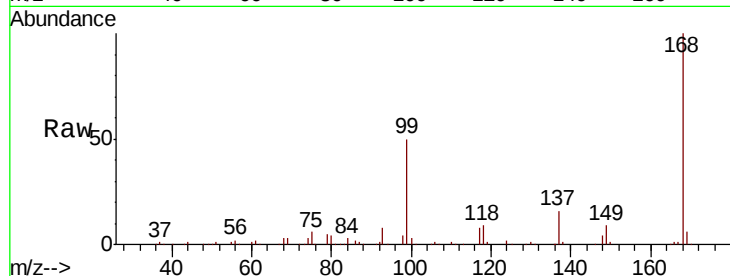




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.01 min
Lab File: VX004352.D
Acq: 04 Sep 2018 17:33

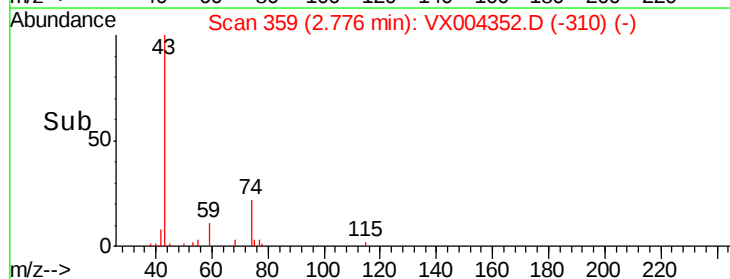
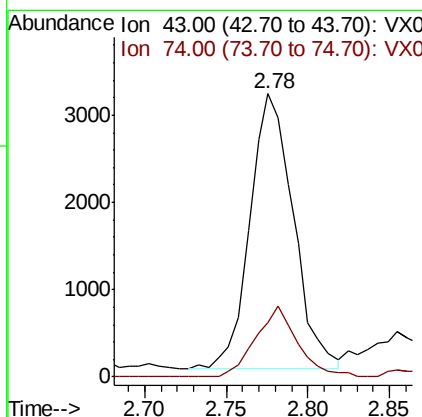
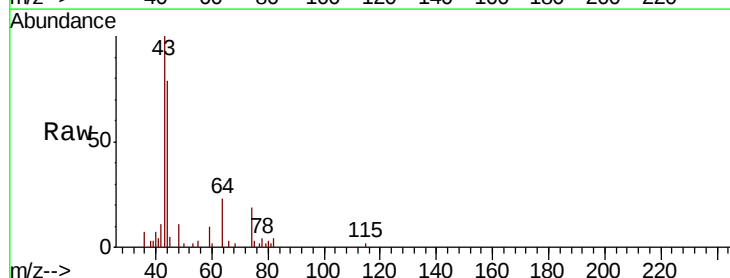
Instrument :
MSVOA_X
ClientSampled :
WC-BR

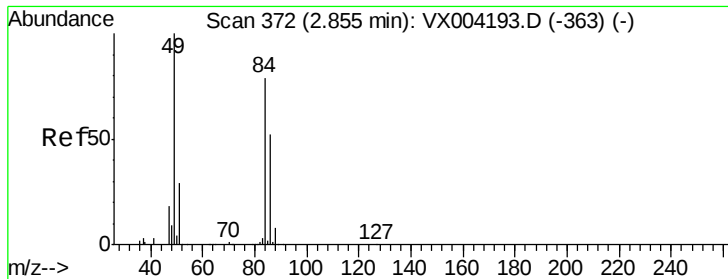
Tot Ion:168 Resp: 277425
Ion Ratio Lower Upper
168 100
99 49.6 39.9 59.9



#18
Methyl Acetate
Concen: 1.09 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.00 min
Lab File: VX004352.D
Acq: 04 Sep 2018 17:33

Tgt Ion: 43 Resp: 5858
Ion Ratio Lower Upper
43 100
74 24.8 19.4 29.2





#20

Methylene Chloride

Concen: 41.75 ug/l

RT: 2.86 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX004352.D

Acq: 04 Sep 2018 17:33

Instrument :

MSVOA_X

ClientSampleId :

WC-BR

Tot Ion: 84 Resp: 145313

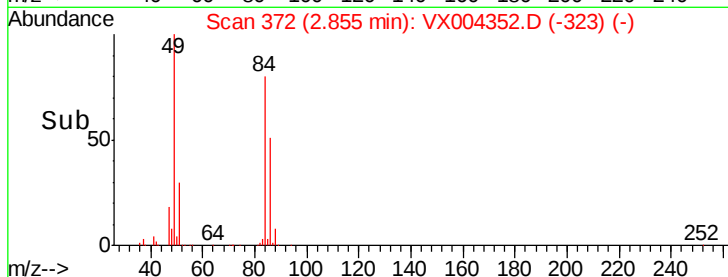
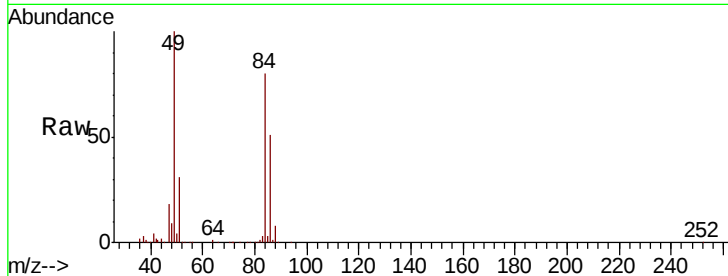
Ion Ratio Lower Upper

84 100

49 125.3 101.2 151.8

51 38.3 29.5 44.3

86 64.2 52.3 78.5

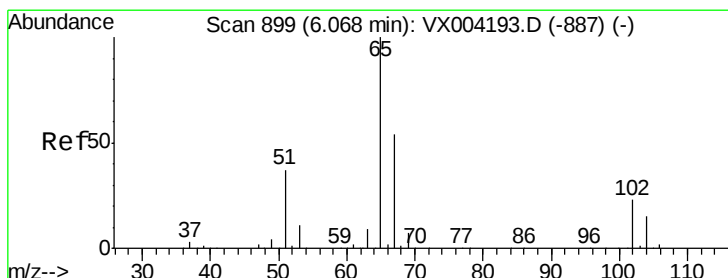
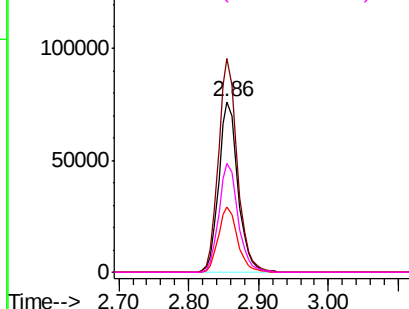


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 53.04 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.00 min

Lab File: VX004352.D

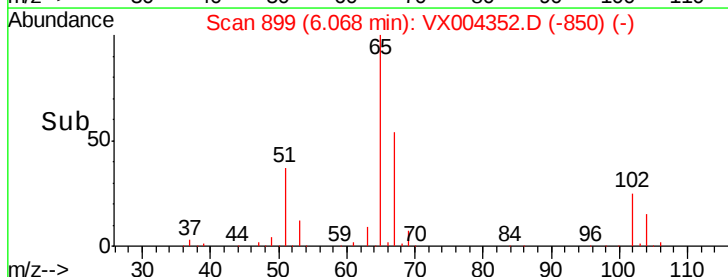
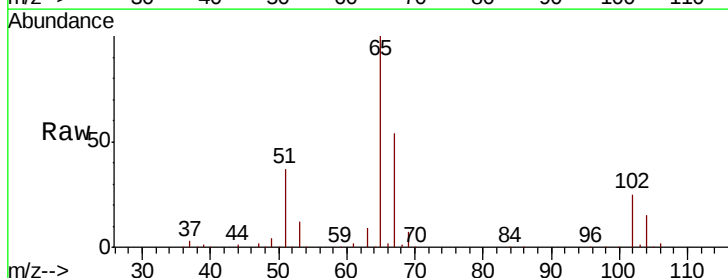
Acq: 04 Sep 2018 17:33

Tgt Ion: 65 Resp: 191769

Ion Ratio Lower Upper

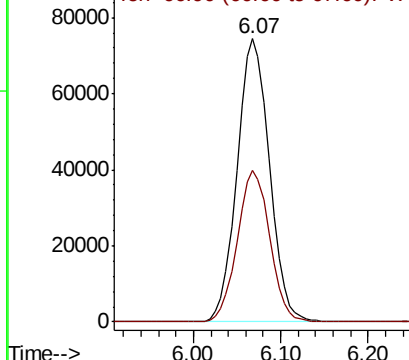
65 100

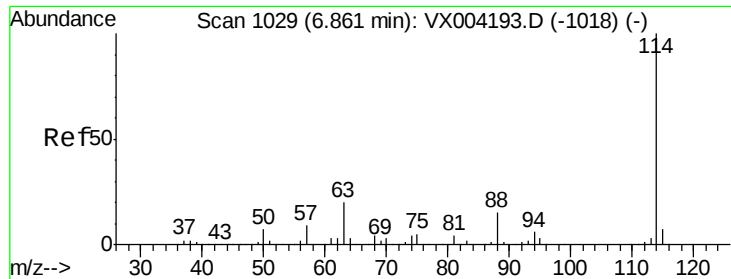
67 53.7 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

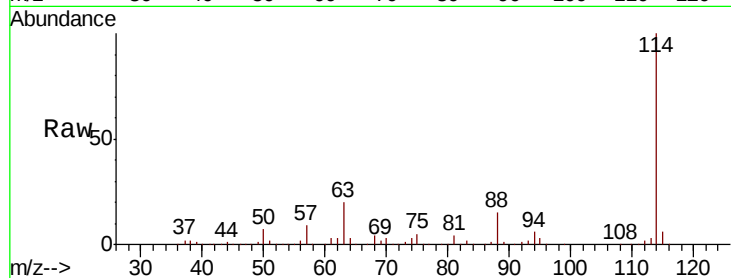




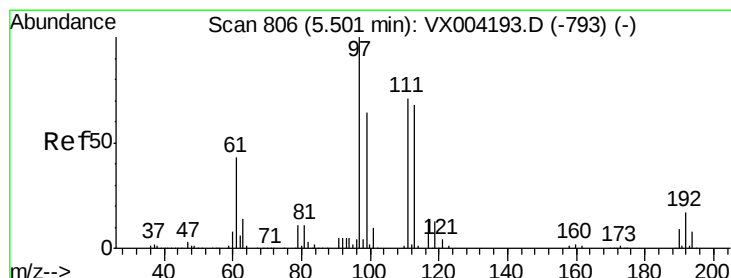
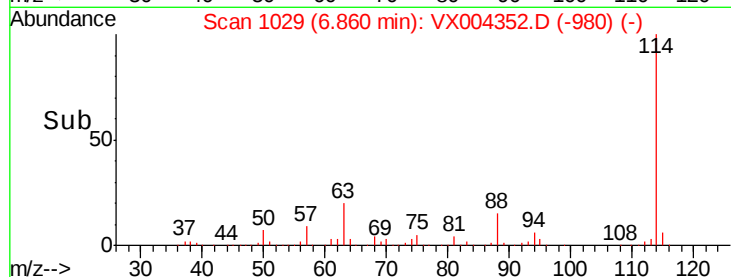
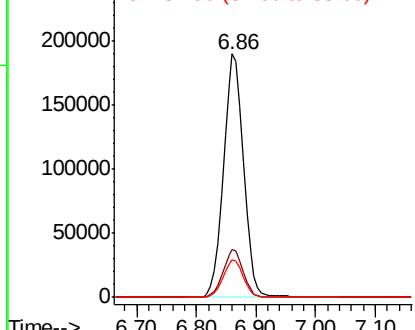
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: VX004352.D
 Acq: 04 Sep 2018 17:33

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-BR

Tot Ion:114 Resp: 444475
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.0
 88 15.2 0.0 30.4

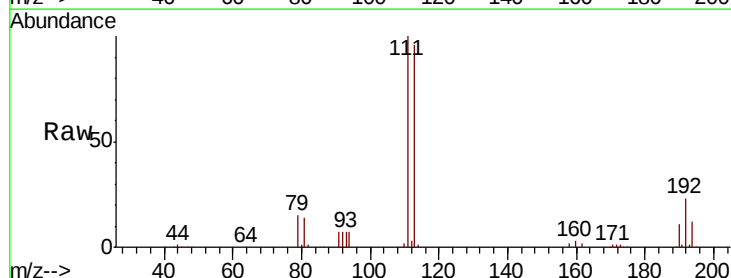


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

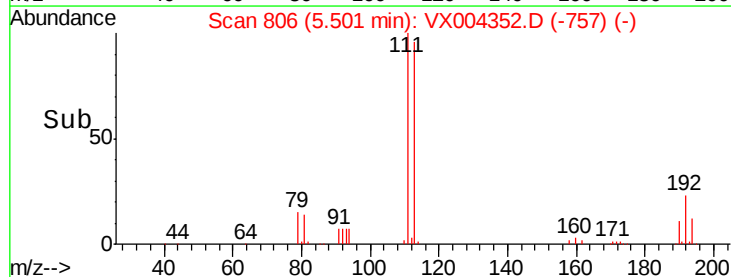
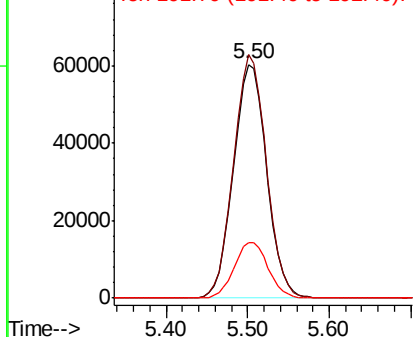


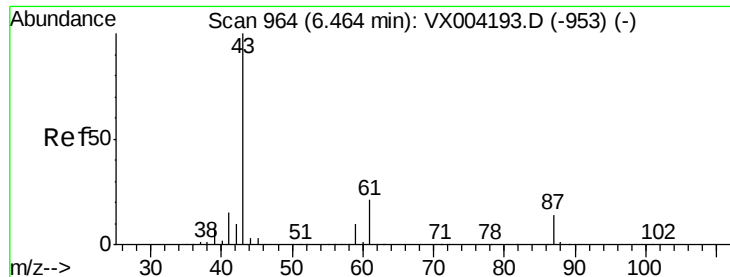
#35
 Dibromofluoromethane
 Concen: 51.53 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004352.D
 Acq: 04 Sep 2018 17:33

Tgt Ion:113 Resp: 170390
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.4 123.6
 192 24.3 19.4 29.2



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



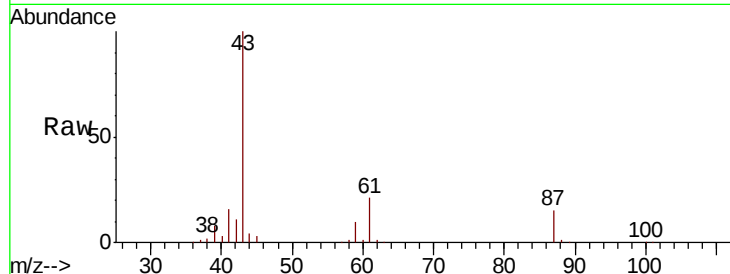


#43

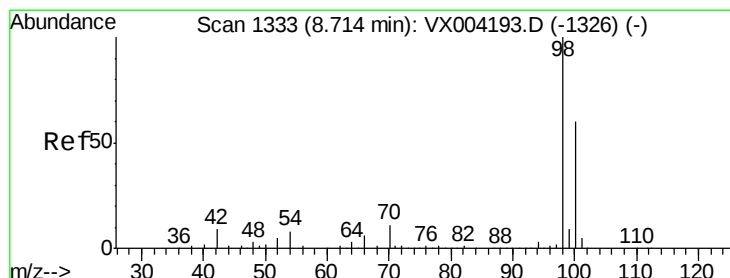
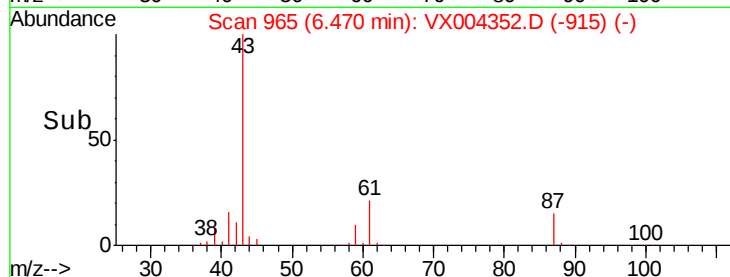
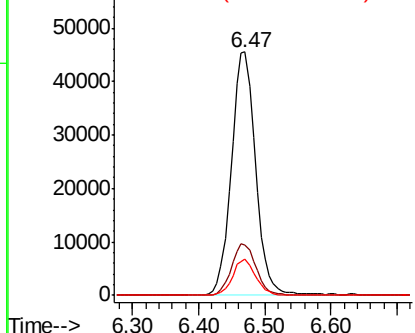
Isopropyl Acetate
 Concen: 15.32 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. 0.01 min
 Lab File: VX004352.D
 Acq: 04 Sep 2018 17:33

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-BR

Tot Ion: 43 Resp: 115651
 Ion Ratio Lower Upper
 43 100
 61 21.2 17.0 25.4
 87 14.2 11.4 17.2



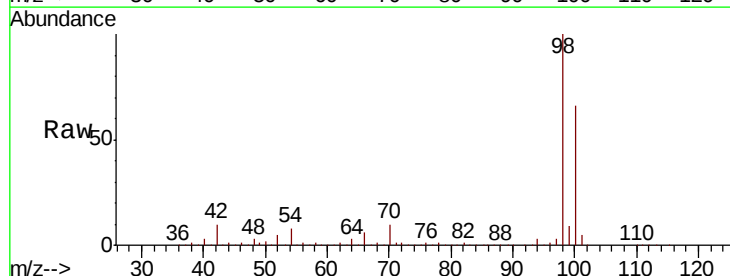
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



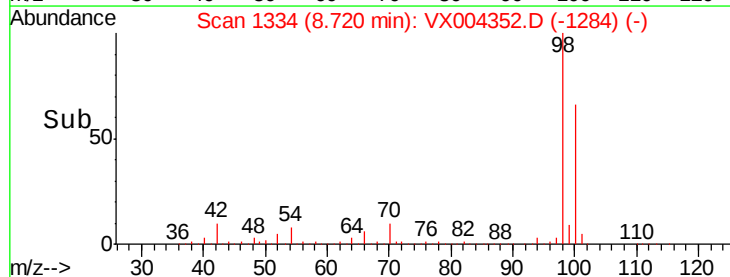
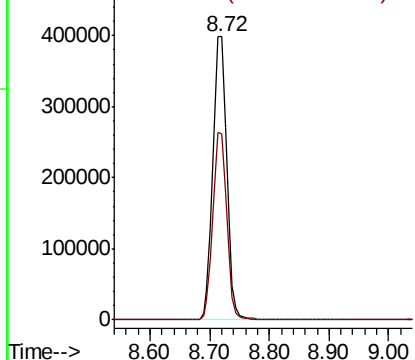
#50

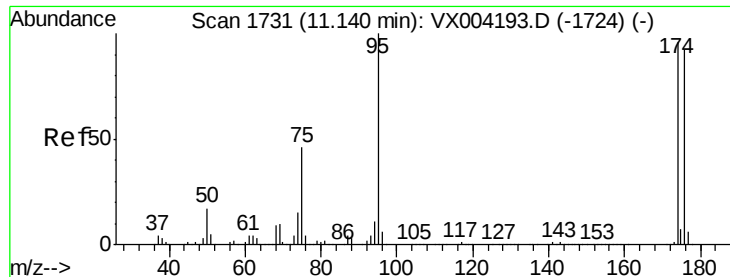
Toluene-d8
 Concen: 50.84 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.01 min
 Lab File: VX004352.D
 Acq: 04 Sep 2018 17:33

Tgt Ion: 98 Resp: 634593
 Ion Ratio Lower Upper
 98 100
 100 65.7 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 47.70 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004352.D

Acq: 04 Sep 2018 17:33

Instrument :

MSVOA_X

ClientSampleId :

WC-BR

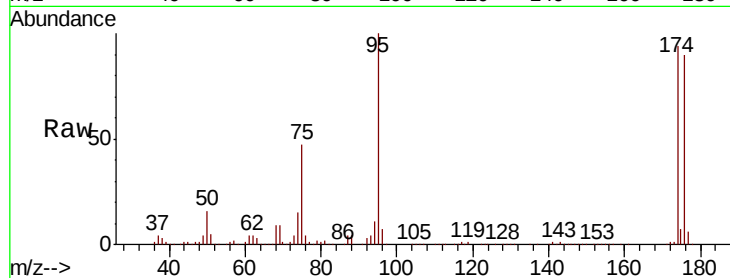
Tot Ion: 95 Resp: 222151

Ion Ratio Lower Upper

95 100

174 92.2 0.0 185.2

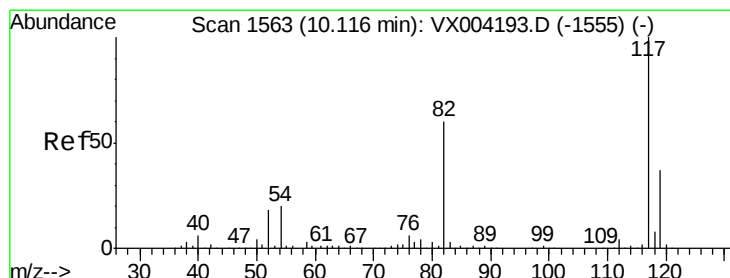
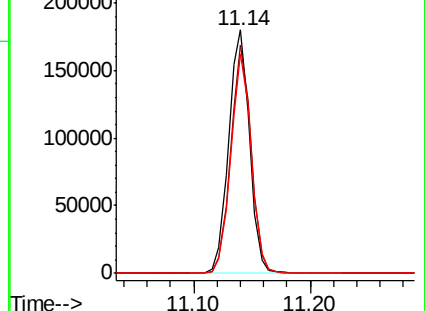
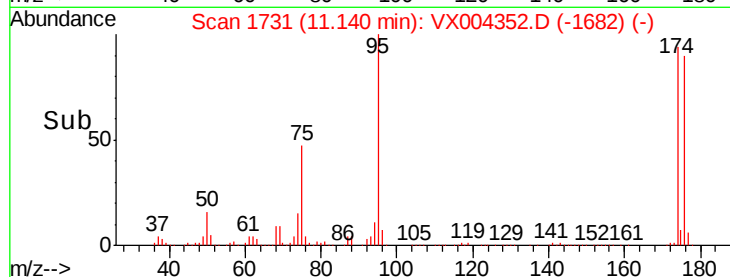
176 88.6 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VX004352.D (-1682) (-)

Ion 173.80 (173.50 to 174.50): VX004352.D (-1682) (-)

Ion 175.80 (175.50 to 176.50): VX004352.D (-1682) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX004352.D

Acq: 04 Sep 2018 17:33

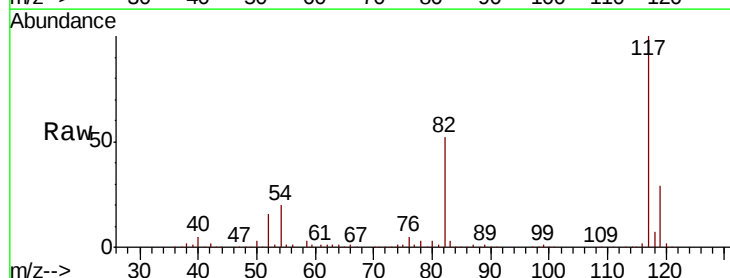
Tgt Ion: 117 Resp: 410410

Ion Ratio Lower Upper

117 100

82 51.9 47.8 71.6

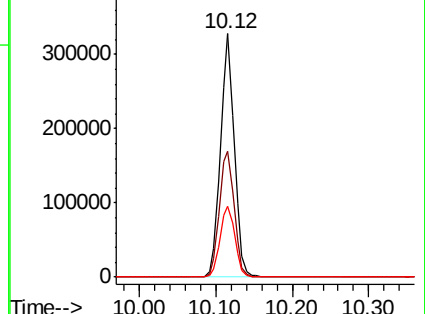
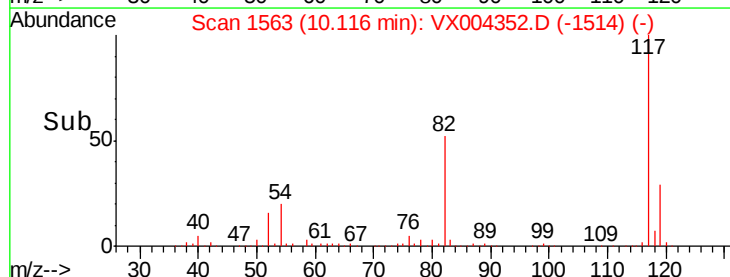
119 29.0 29.3 43.9#

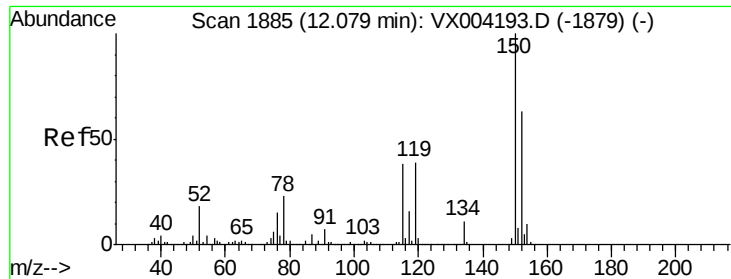


Abundance Ion 116.90 (116.60 to 117.60): VX004352.D (-1514) (-)

Ion 82.00 (81.70 to 82.70): VX004352.D (-1514) (-)

Ion 118.90 (118.60 to 119.60): VX004352.D (-1514) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX004352.D

Acq: 04 Sep 2018 17:33

Instrument :

MSVOA_X

ClientSampleId :

WC-BR

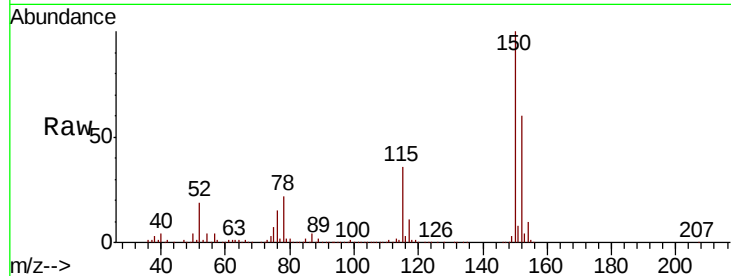
Tot Ion:152 Resp: 220939

Ion Ratio Lower Upper

152 100

115 56.9 39.0 117.0

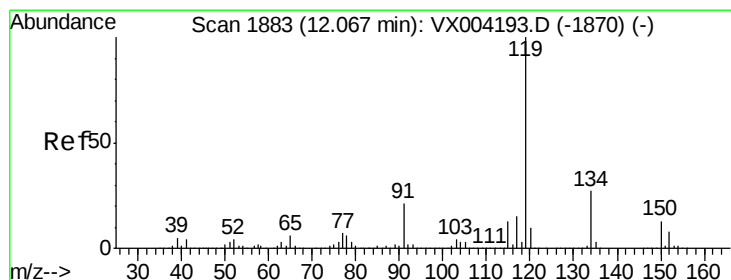
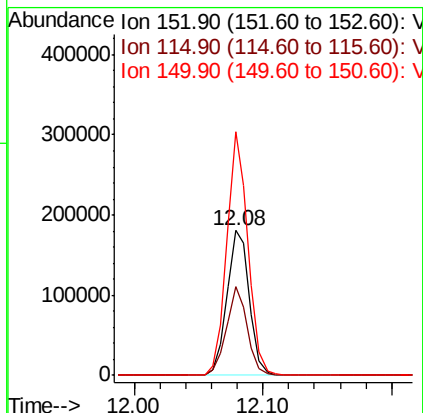
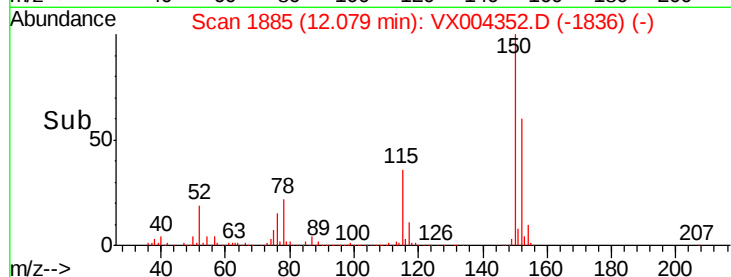
150 158.5 0.0 351.0



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



#86

p-Isopropyltoluene

Concen: 1.21 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX004352.D

Acq: 04 Sep 2018 17:33

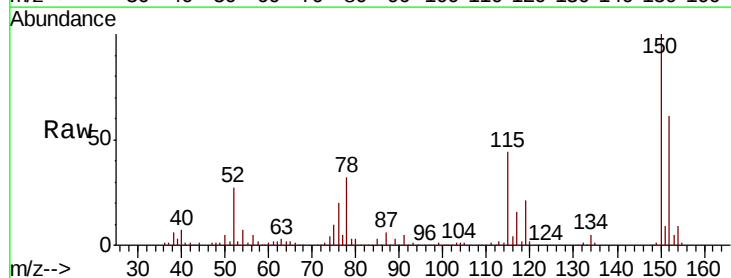
Tgt Ion:119 Resp: 15534

Ion Ratio Lower Upper

119 100

134 28.4 13.4 40.2

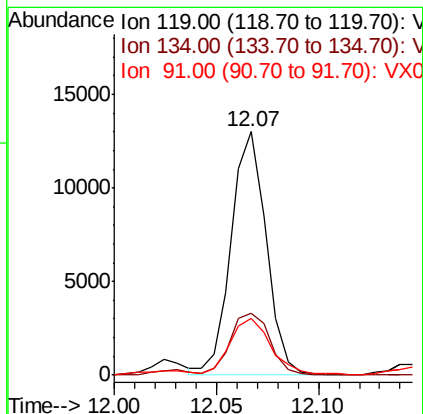
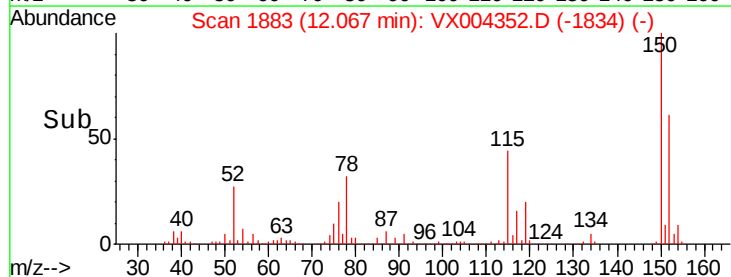
91 27.3 10.9 32.7

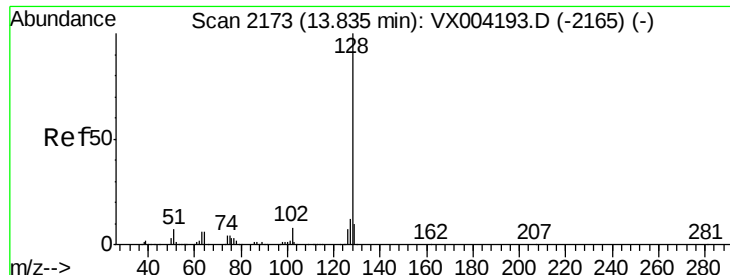


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#95

Naphthalene

Concen: 6.74 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.00 min

Lab File: VX004352.D

Acq: 04 Sep 2018 17:33

Instrument :

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WC-BR

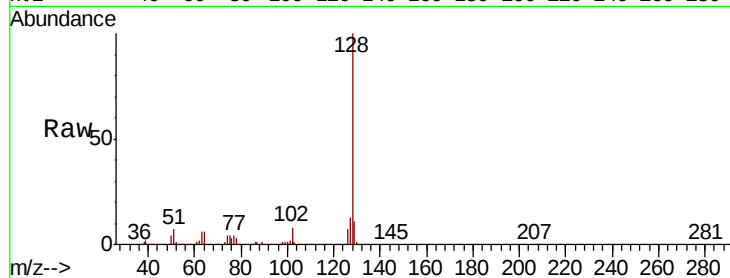
Tot Ion:128 Resp: 97202

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

129 11.1 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

