

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060618\
 Data File : VX002364.D
 Acq On : 06 Jun 2018 20:22
 Operator : JC/MD
 Sample : J3312-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 W-04

Quant Time: Jun 07 05:08:20 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	231488	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	332698	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	301401	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	164671	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	157389	47.36	ug/l	0.00
Spiked Amount			Recovery	=	94.72%	
35) Dibromofluoromethane	5.51	113	117708	44.99	ug/l	0.00
Spiked Amount			Recovery	=	89.98%	
50) Toluene-d8	8.72	98	478630	47.73	ug/l	0.00
Spiked Amount			Recovery	=	95.46%	
62) 4-Bromofluorobenzene	11.14	95	164535	42.55	ug/l	0.00
Spiked Amount			Recovery	=	85.10%	

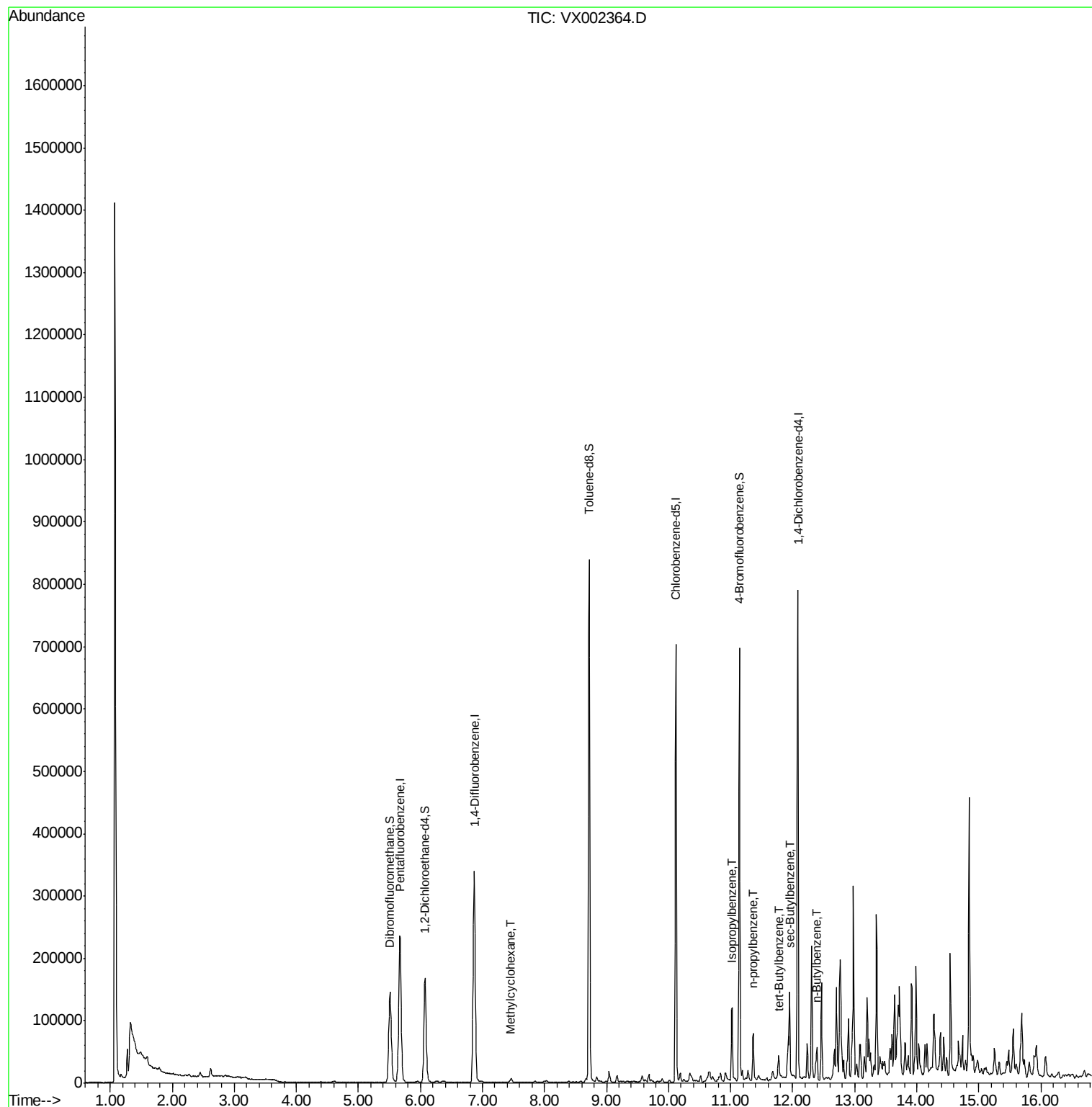
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
39) Methylcyclohexane	7.46	83	2183	0.77	ug/l	91
73) Isopropylbenzene	11.02	105	61364	5.36	ug/l	100
78) n-propylbenzene	11.37	91	44594	3.50	ug/l	100
83) tert-Butylbenzene	11.77	119	12704	1.33	ug/l	89
85) sec-Butylbenzene	11.95	105	66163	5.90	ug/l	99
89) n-Butylbenzene	12.39	91	19206	2.24	ug/l	95

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

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W-04

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002364.D

Acq: 06 Jun 2018 20:22

Instrument :

MSVOA_X

ClientSampled :

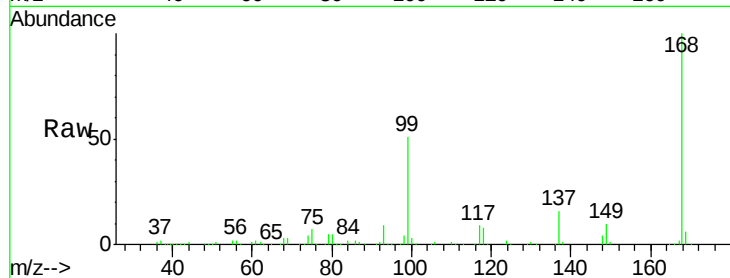
W-04

Tot Ion:168 Resp: 231488

Ion Ratio Lower Upper

168 100

99 50.7 39.3 58.9

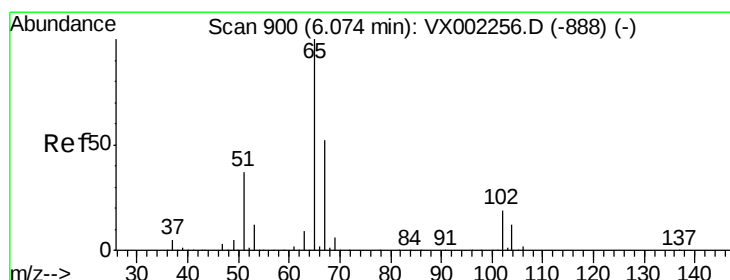
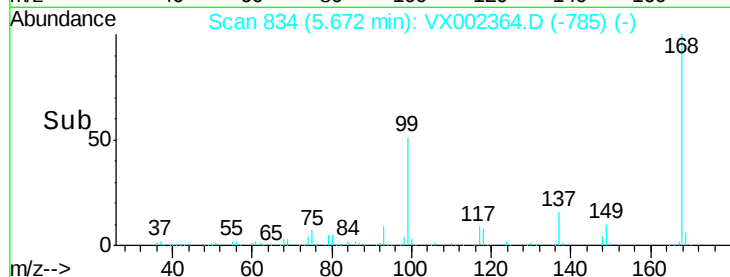


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 47.36 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002364.D

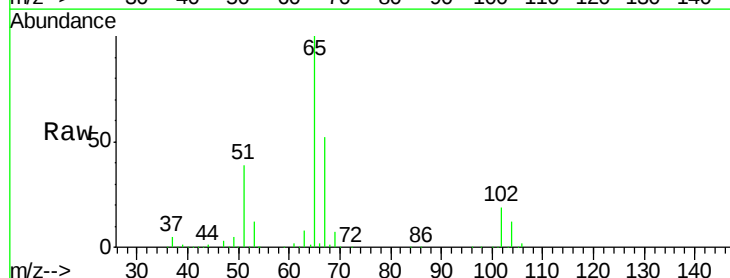
Acq: 06 Jun 2018 20:22

Tgt Ion: 65 Resp: 157389

Ion Ratio Lower Upper

65 100

67 51.7 0.0 102.6

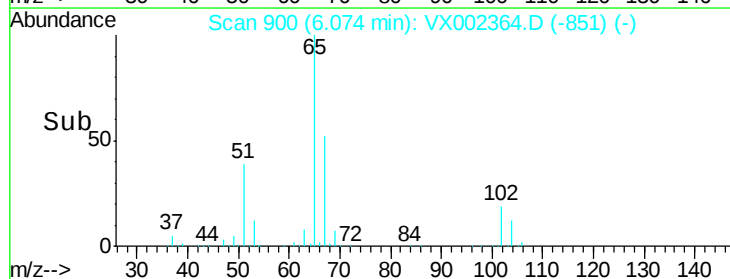


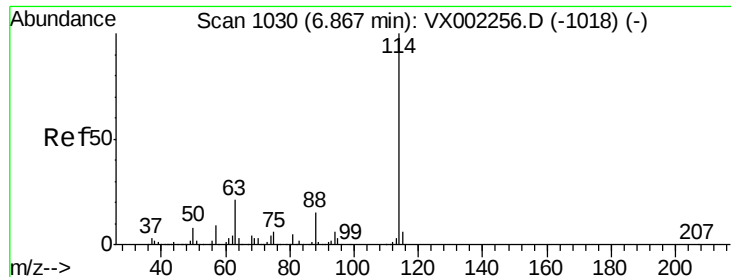
Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

Time--> 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002364.D

Acq: 06 Jun 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

W-04

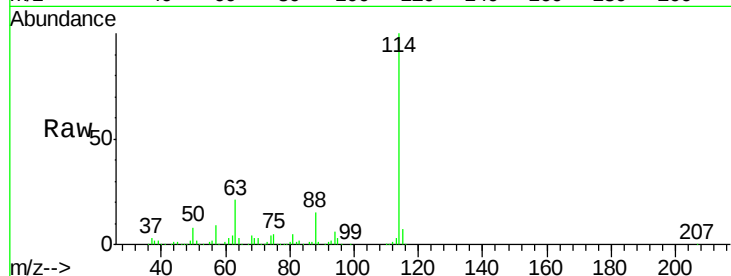
Tot Ion:114 Resp: 332698

Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.4

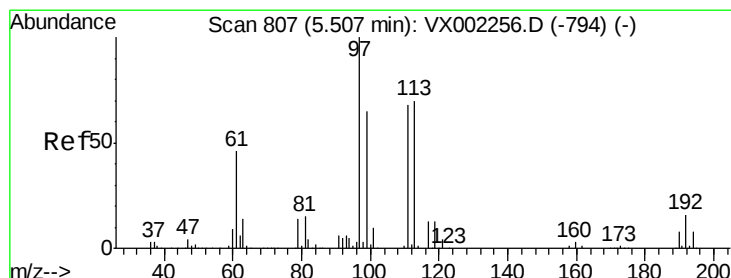
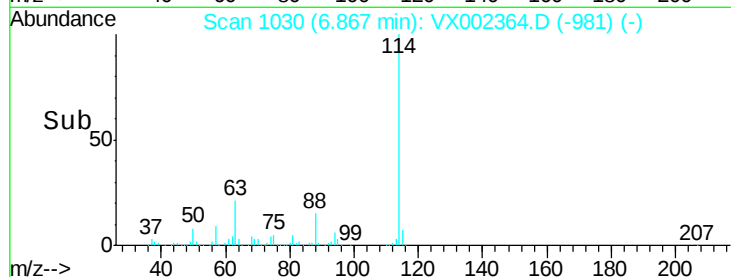
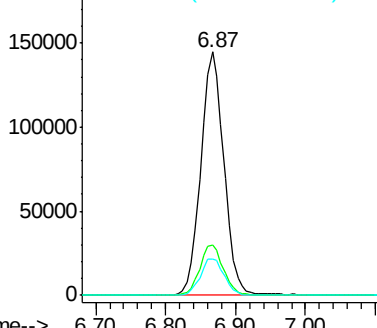
88 14.9 0.0 30.0



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: 44.99 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX002364.D

Acq: 06 Jun 2018 20:22

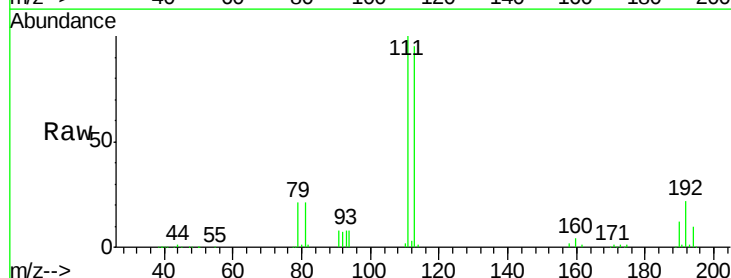
Tgt Ion:113 Resp: 117708

Ion Ratio Lower Upper

113 100

111 103.1 81.4 122.0

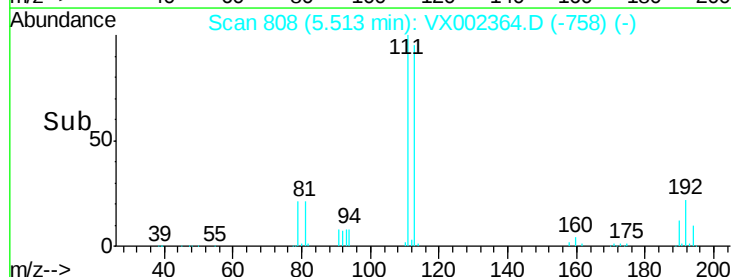
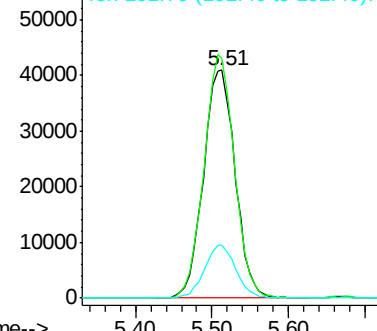
192 22.9 19.1 28.7

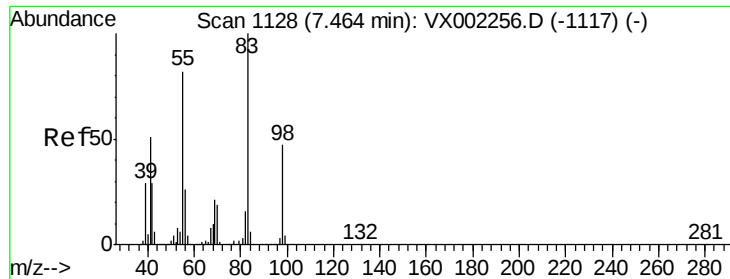


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

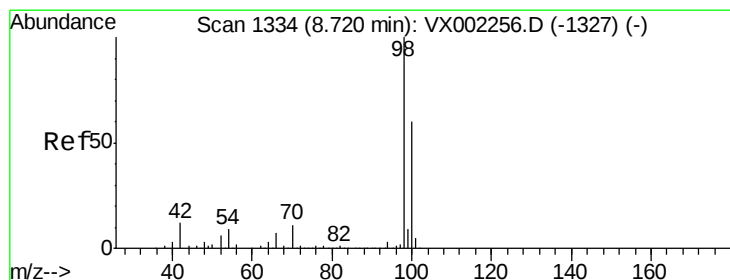
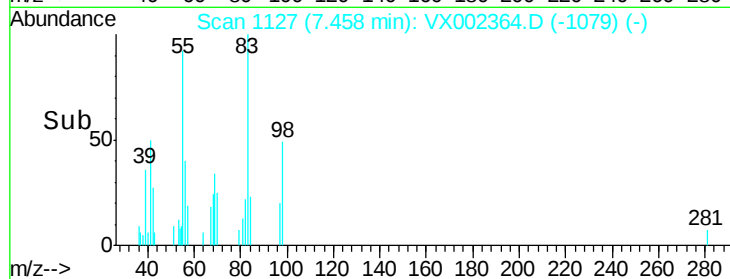
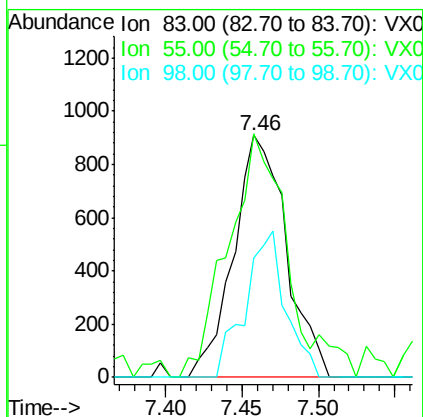
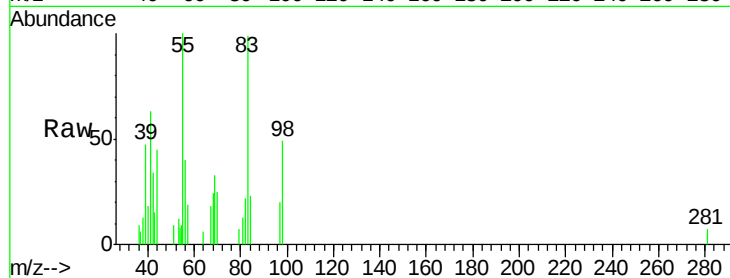




#39
Methylcyclohexane
Concen: 0.77 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX002364.D
Acq: 06 Jun 2018 20:22

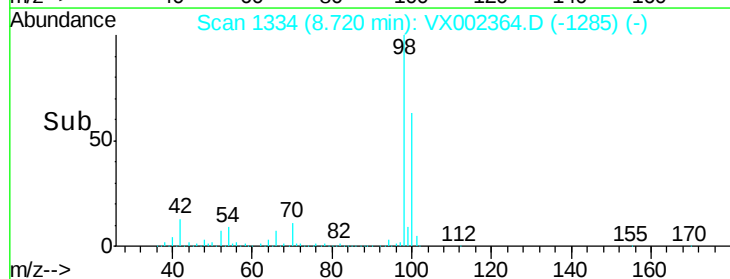
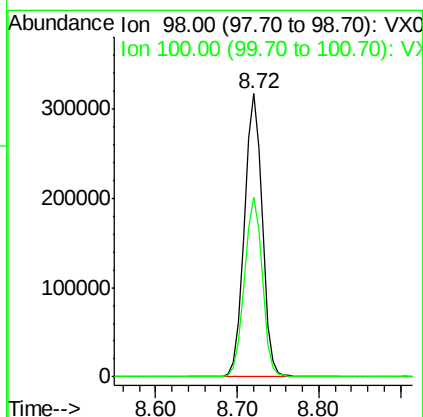
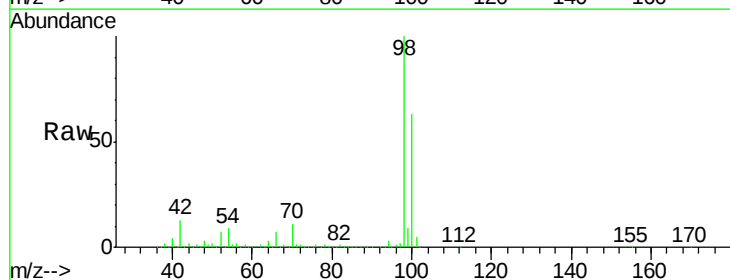
Instrument :
MSVOA_X
ClientSampled :
W-04

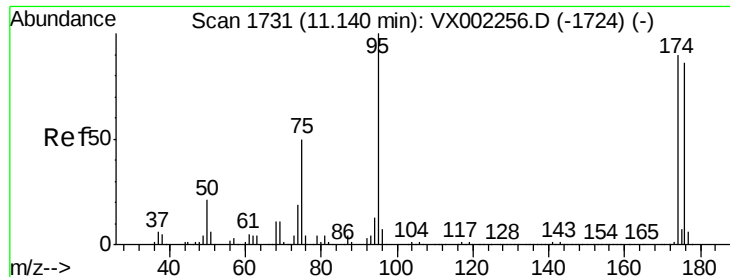
Tot Ion: 83 Resp: 2183
Ion Ratio Lower Upper
83 100
55 92.4 65.4 98.0
98 49.3 37.4 56.0



#50
Toluene-d8
Concen: 47.73 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002364.D
Acq: 06 Jun 2018 20:22

Tgt Ion: 98 Resp: 478630
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3





#62

4-Bromofluorobenzene

Concen: 42.55 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002364.D

Acq: 06 Jun 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

W-04

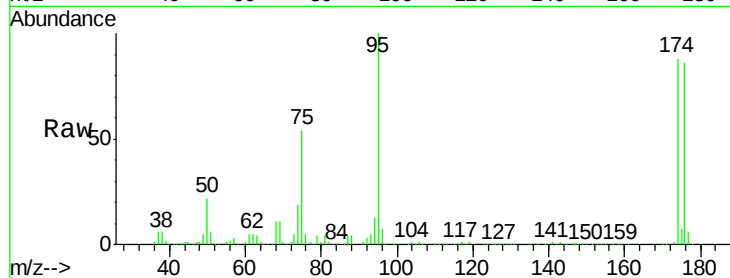
Tot Ion: 95 Resp: 164535

Ion Ratio Lower Upper

95 100

174 93.0 0.0 187.4

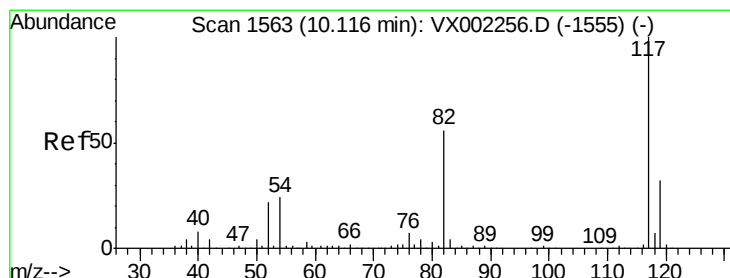
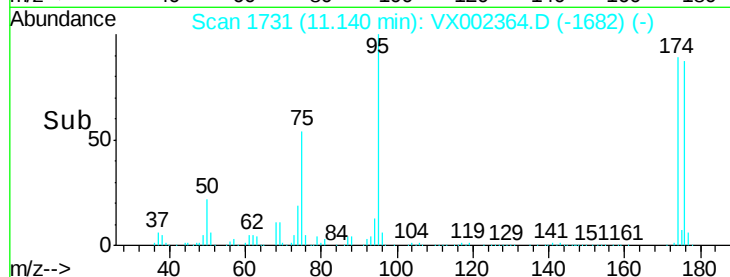
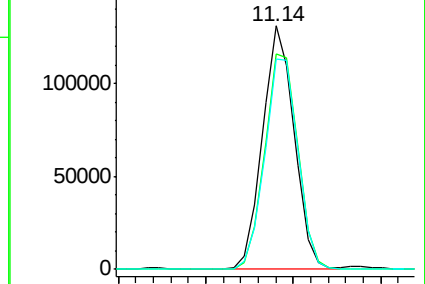
176 91.1 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX002256.D (-1724) (-)

Ion 173.80 (173.50 to 174.50): VX002256.D (-1724) (-)

Ion 175.80 (175.50 to 176.50): VX002256.D (-1724) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX002364.D

Acq: 06 Jun 2018 20:22

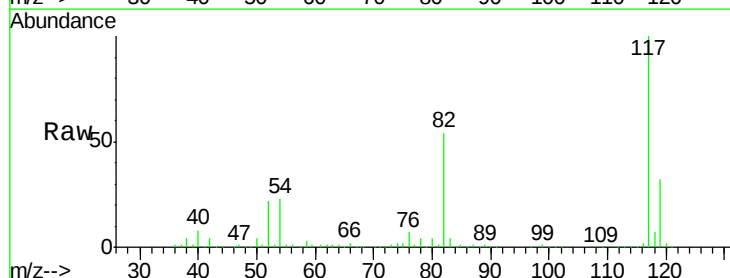
Tgt Ion: 117 Resp: 301401

Ion Ratio Lower Upper

117 100

82 54.0 45.0 67.4

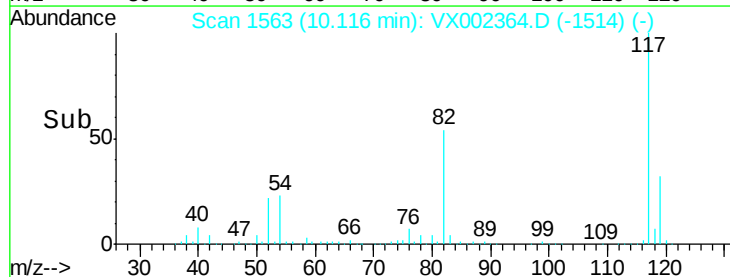
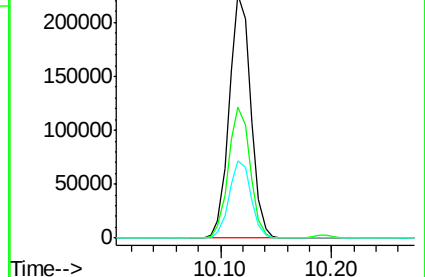
119 31.8 25.8 38.6

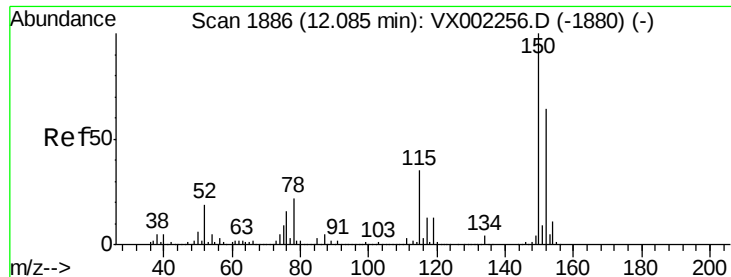


Abundance Ion 116.90 (116.60 to 117.60): VX002256.D (-1555) (-)

Ion 82.00 (81.70 to 82.70): VX002256.D (-1555) (-)

Ion 118.90 (118.60 to 119.60): VX002256.D (-1555) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002364.D

Acq: 06 Jun 2018 20:22

Instrument :

MSVOA_X

ClientSampled :

W-04

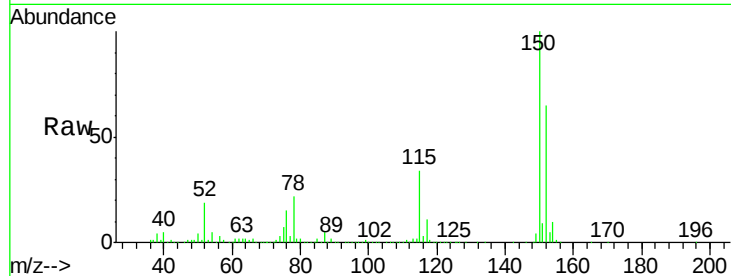
Tot Ion:152 Resp: 164671

Ion Ratio Lower Upper

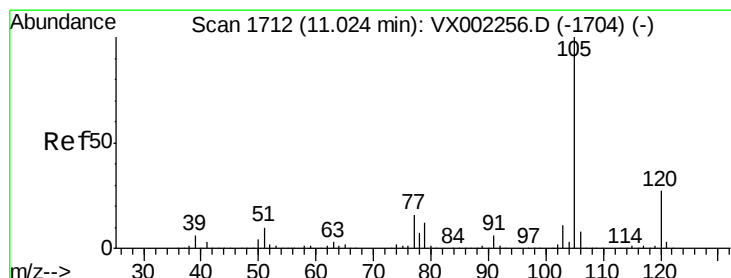
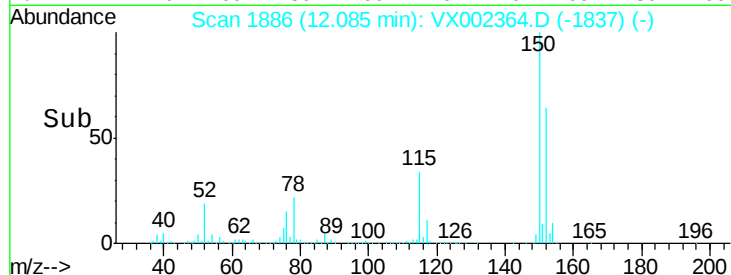
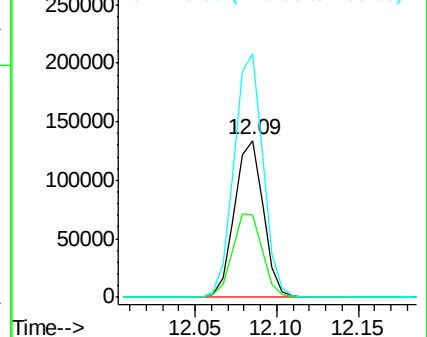
152 100

115 55.1 40.1 120.2

150 155.9 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



#73

Isopropylbenzene

Concen: 5.36 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002364.D

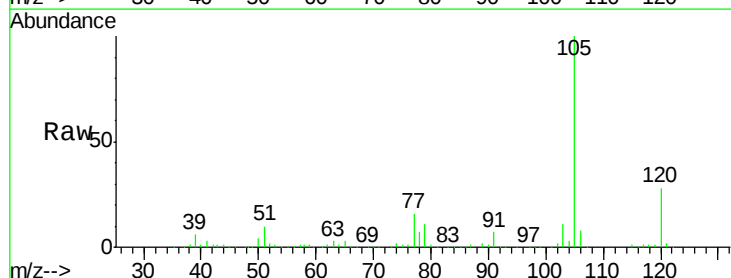
Acq: 06 Jun 2018 20:22

Tgt Ion:105 Resp: 61364

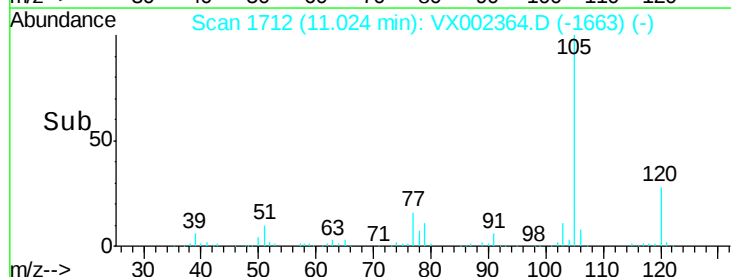
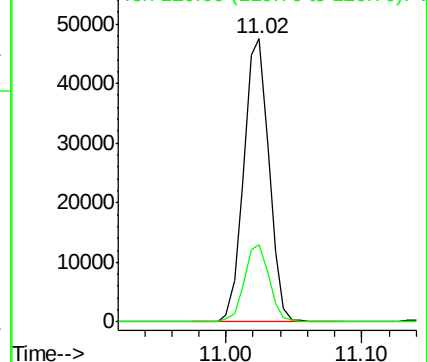
Ion Ratio Lower Upper

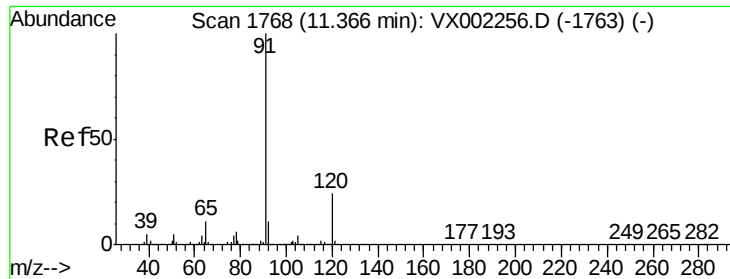
105 100

120 26.8 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 3.50 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002364.D

Acq: 06 Jun 2018 20:22

Instrument :

MSVOA_X

ClientSampled :

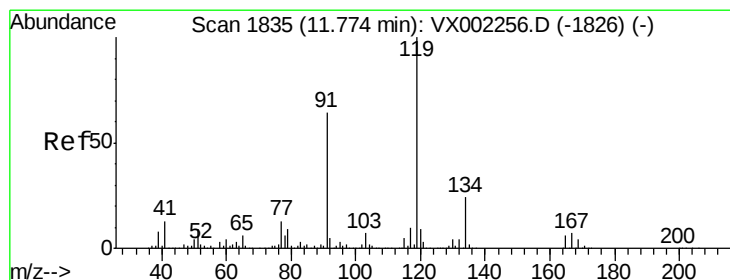
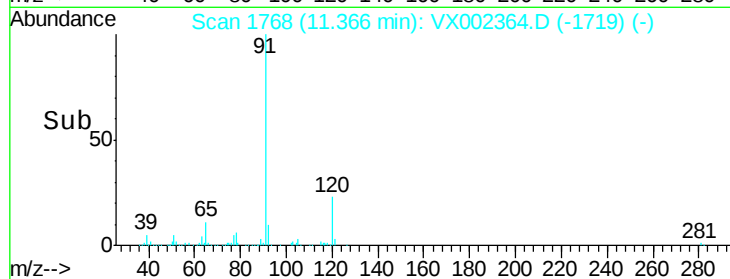
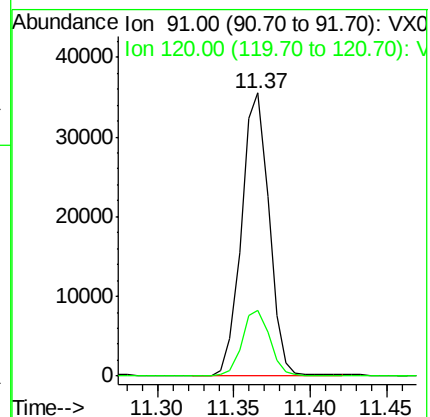
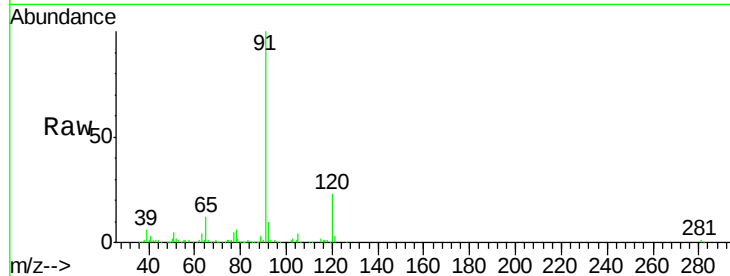
W-04

Tot Ion: 91 Resp: 44594

Ion Ratio Lower Upper

91 100

120 23.5 11.8 35.4



#83

tert-Butylbenzene

Concen: 1.33 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX002364.D

Acq: 06 Jun 2018 20:22

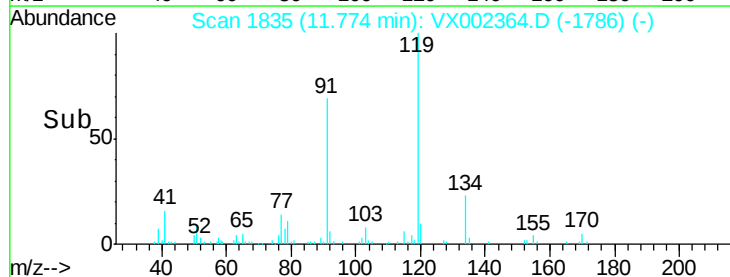
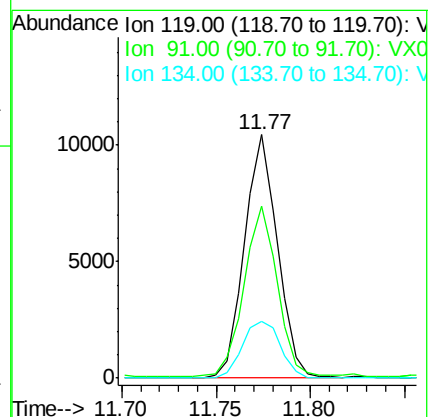
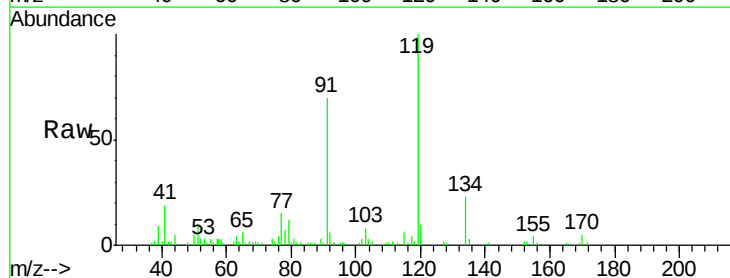
Tgt Ion: 119 Resp: 12704

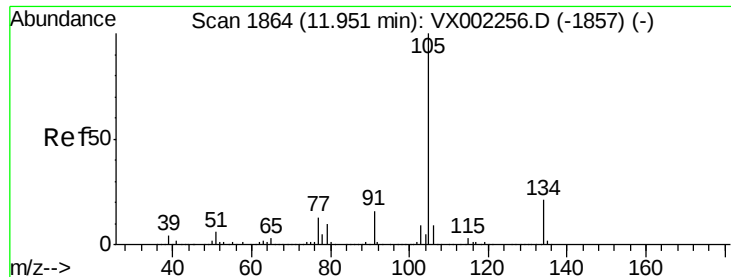
Ion Ratio Lower Upper

119 100

91 70.6 30.3 90.9

134 26.5 11.7 35.1

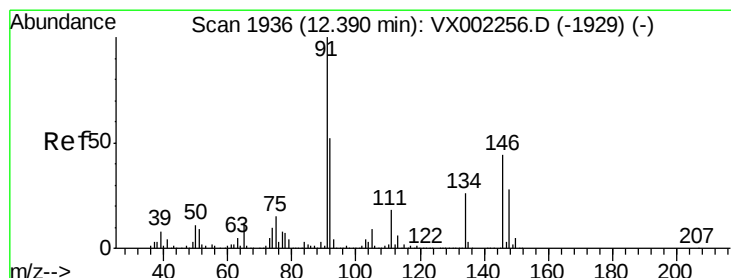
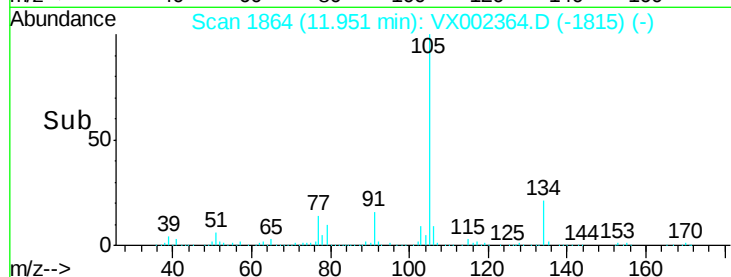
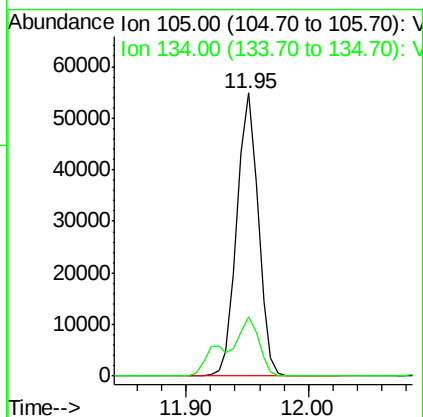
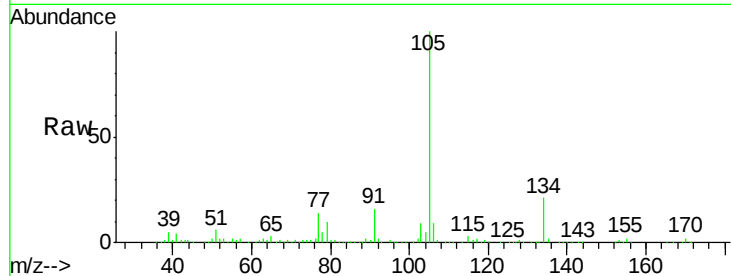




#85
 sec-Butylbenzene
 Concen: 5.90 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX002364.D
 Acq: 06 Jun 2018 20:22

Instrument :
 MSVOA_X
 ClientSampleId :
 W-04

Tot Ion: 105 Resp: 66163
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.4 31.1



#89
 n-Butylbenzene
 Concen: 2.24 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VX002364.D
 Acq: 06 Jun 2018 20:22

Tgt Ion: 91 Resp: 19206
 Ion Ratio Lower Upper
 91 100
 92 49.9 26.0 78.0
 134 31.1 13.5 40.5

