

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101218\
 Data File : VX005325.D
 Acq On : 13 Oct 2018 06:17
 Operator : JC/MD
 Sample : J5481-01DL 10X
 Misc : 5.73g/5mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-WS-EP-COMP1DL

Quant Time: Oct 15 12:25:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

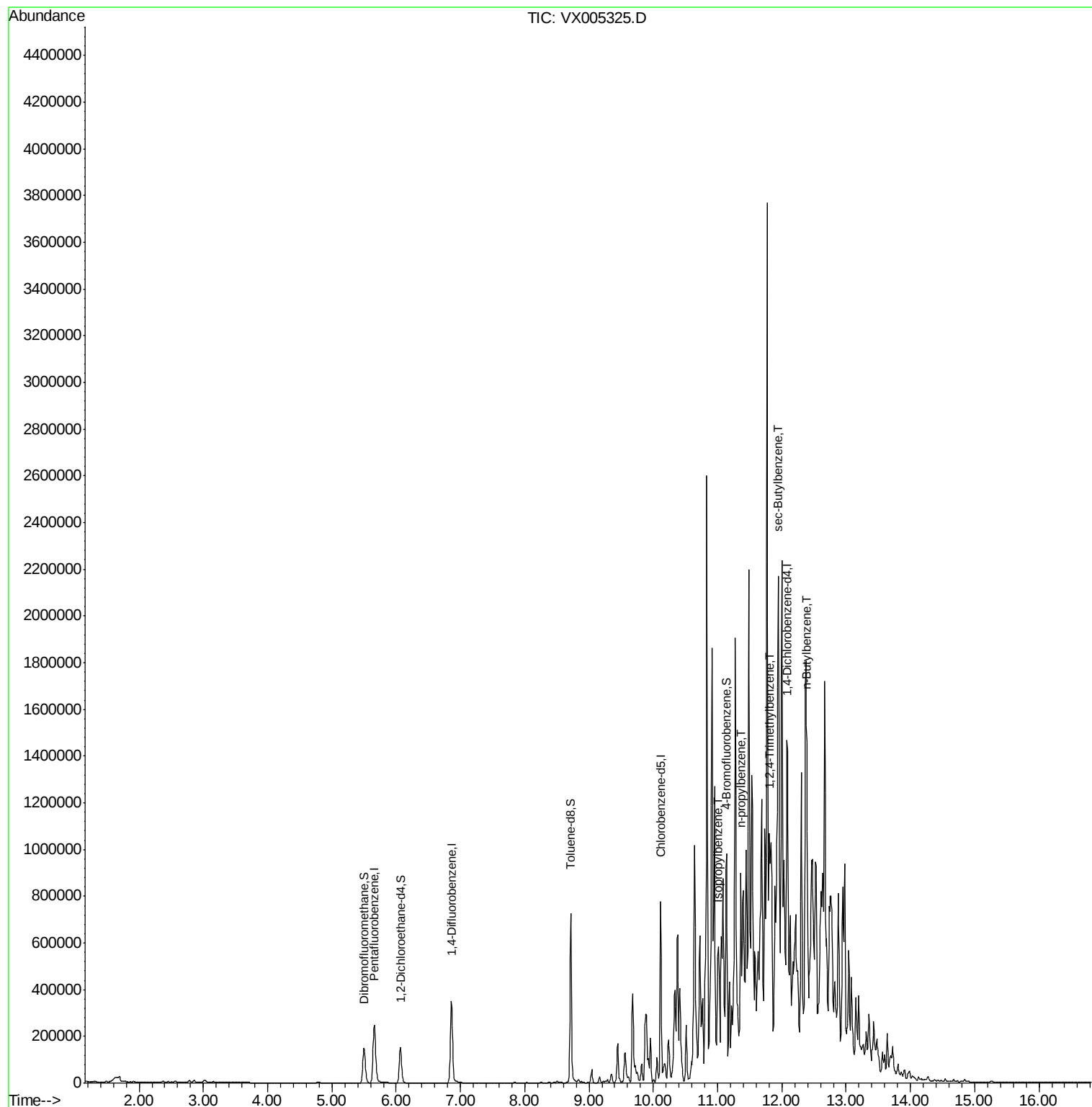
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	267292	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	369769	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	363759	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	196076	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	152784	51.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.00%	
35) Dibromofluoromethane	5.49	113	130079	53.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.22%	
50) Toluene-d8	8.71	98	454788	54.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.18%	
62) 4-Bromofluorobenzene	11.14	95	187081	59.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.46%	
Target Compounds						
73) Isopropylbenzene	11.02	105	154862	13.29	ug/l	Qvalue 100
78) n-propylbenzene	11.36	91	427971	31.91	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	65757	6.40	ug/l	96
85) sec-Butylbenzene	11.94	105	346495	28.97	ug/l #	76
89) n-Butylbenzene	12.39	91	346361	35.28	ug/l	88

(#) = 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# 740

Delta R.T. 0.00 min

Lab File: VX005325.D

Acq: 13 Oct 2018 06:17

Instrument :

MSVOA_X

ClientSampleId :

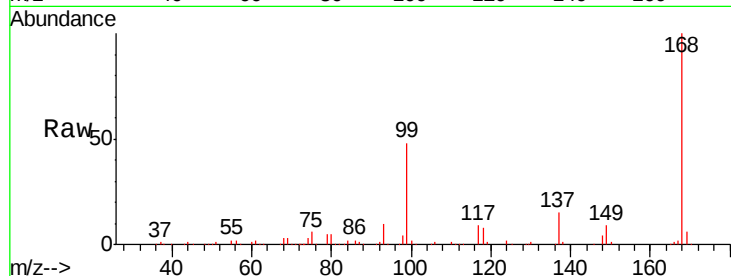
EP1-WS-EP-COMP1DL

Tgt Ion:168 Resp: 267292

Ion Ratio Lower Upper

168 100

99 47.8 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

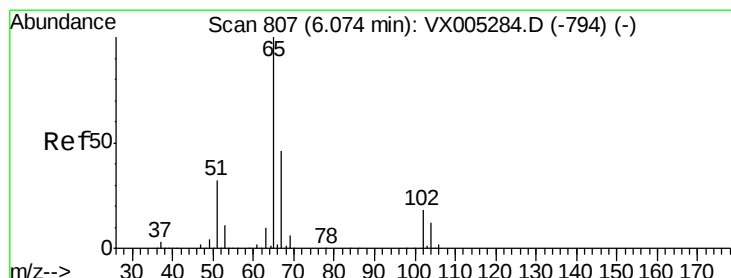
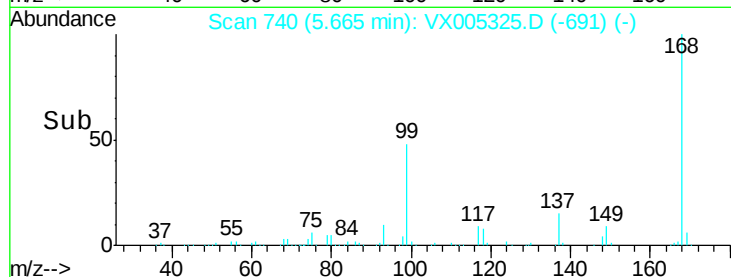
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 51.50 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX005325.D

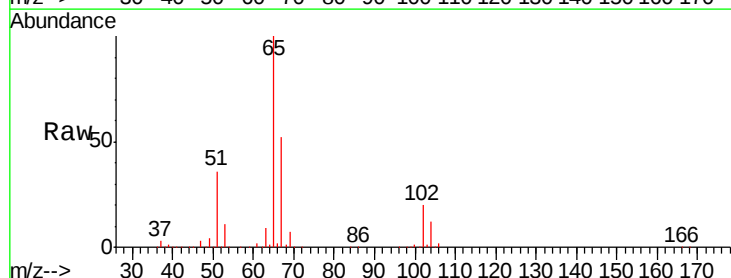
Acq: 13 Oct 2018 06:17

Tgt Ion: 65 Resp: 152784

Ion Ratio Lower Upper

65 100

67 53.0 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

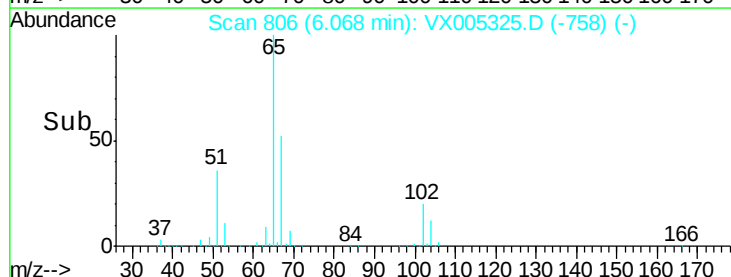
60000

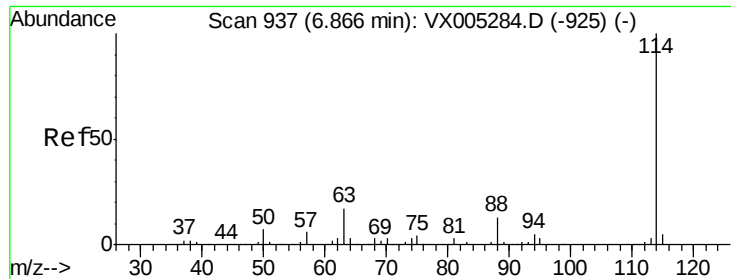
40000

20000

0

Time--> 5.90 6.00 6.10 6.20

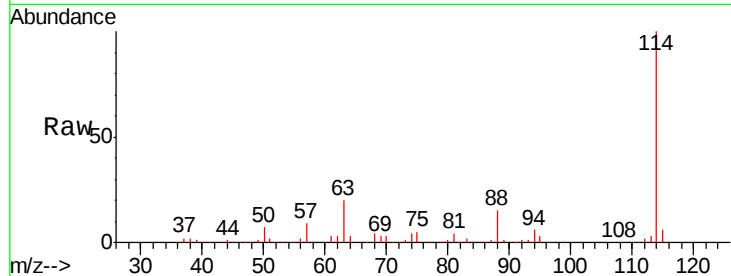




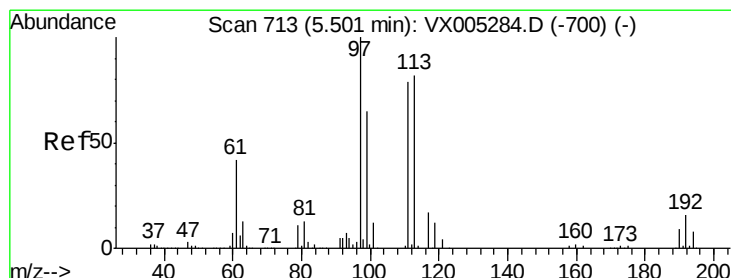
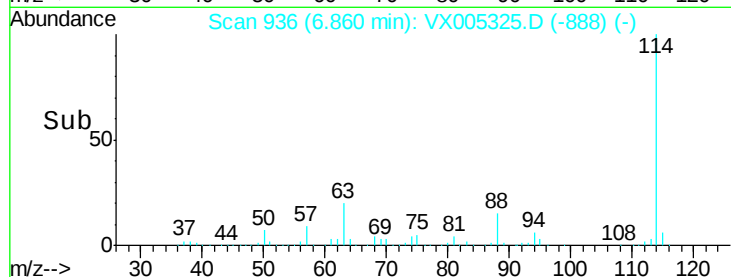
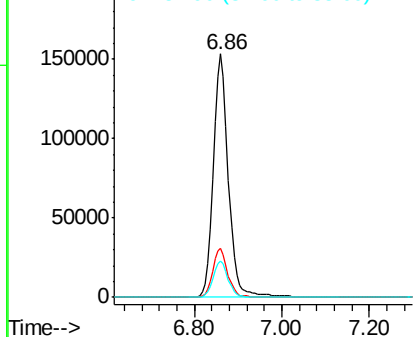
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VX005325.D
 Acq: 13 Oct 2018 06:17

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-WS-EP-COMP1DL

Tgt Ion:114 Resp: 369769
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 39.0
 88 14.9 0.0 30.4

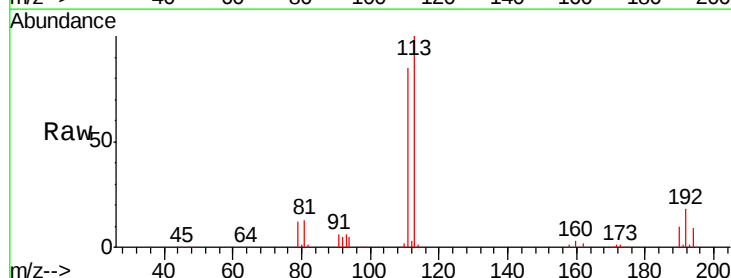


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

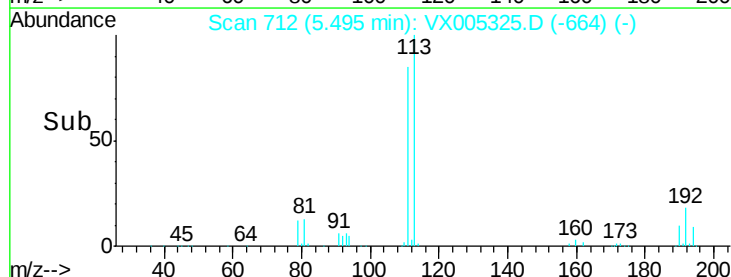
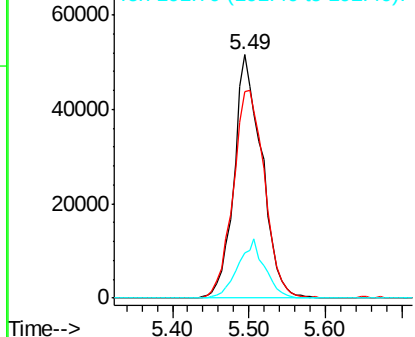


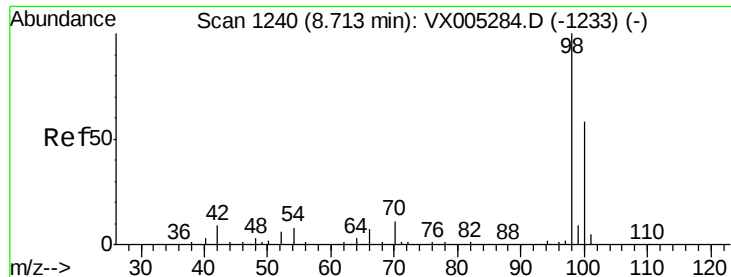
#35
 Dibromofluoromethane
 Concen: 53.11 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX005325.D
 Acq: 13 Oct 2018 06:17

Tgt Ion:113 Resp: 130079
 Ion Ratio Lower Upper
 113 100
 111 96.3 82.4 123.6
 192 23.1 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





#50

Toluene-d8

Concen: 54.09 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX005325.D

Acq: 13 Oct 2018 06:17

Instrument :

MSVOA_X

ClientSampleId :

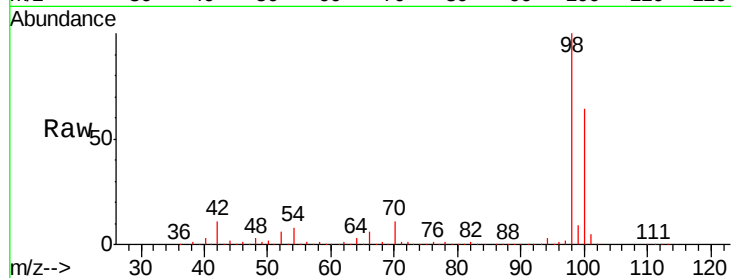
EP1-WS-EP-COMP1DL

Tgt Ion: 98 Resp: 454788

Ion Ratio Lower Upper

98 100

100 64.0 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

300000

250000

200000

150000

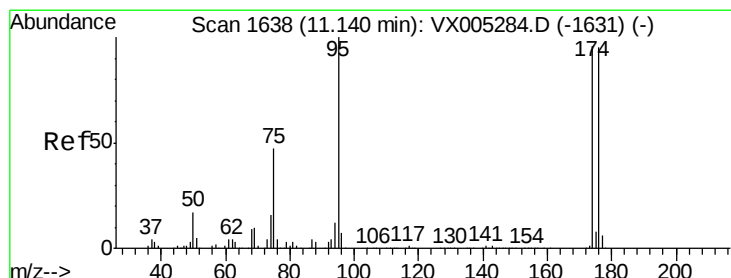
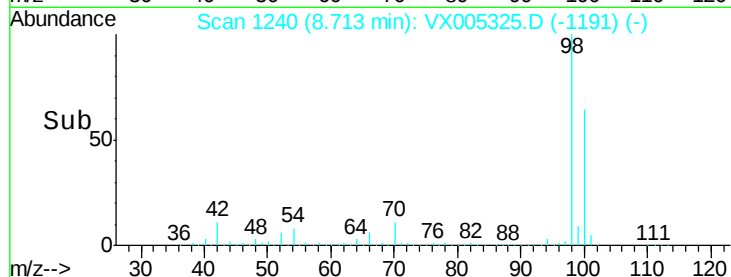
100000

50000

0

8.60 8.70 8.80 8.90

Time-->



#62

4-Bromofluorobenzene

Concen: 59.23 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005325.D

Acq: 13 Oct 2018 06:17

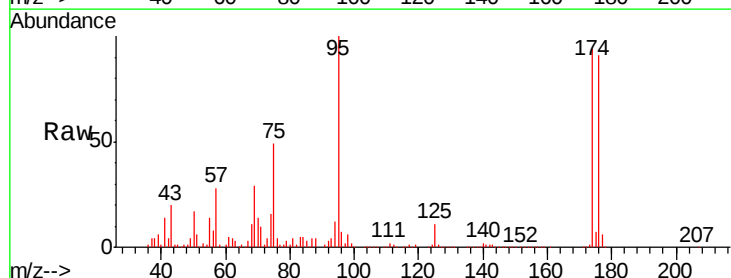
Tgt Ion: 95 Resp: 187081

Ion Ratio Lower Upper

95 100

174 88.1 0.0 185.2

176 86.2 0.0 178.6



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

11.14

150000

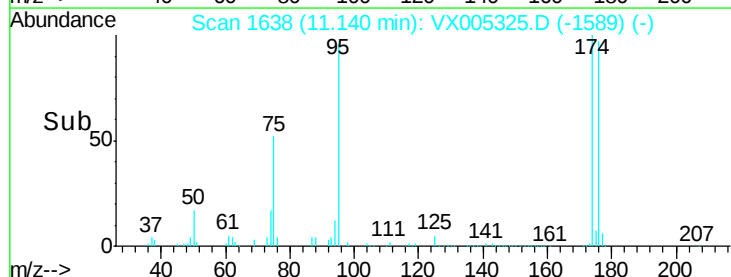
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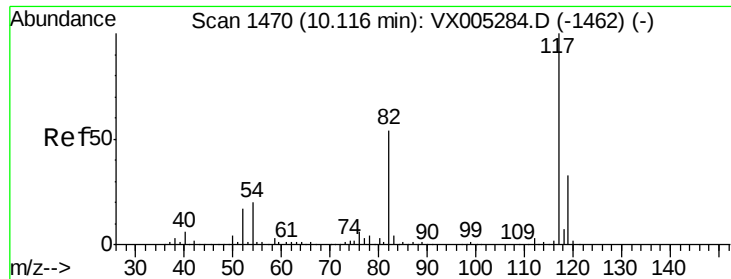
50000

0

11.10 11.15

Time-->





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX005325.D

Acq: 13 Oct 2018 06:17

Instrument :

MSVOA_X

ClientSampleId :

EP1-WS-EP-COMP1DL

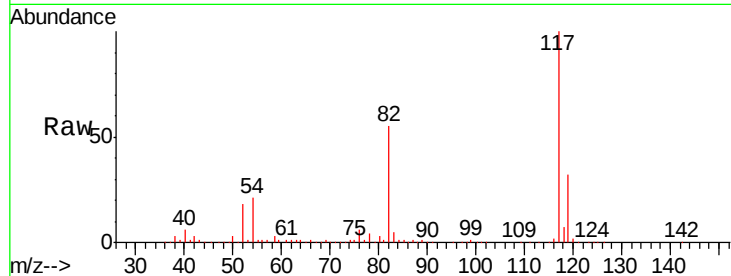
Tgt Ion:117 Resp: 363759

Ion Ratio Lower Upper

117 100

82 53.7 47.8 71.6

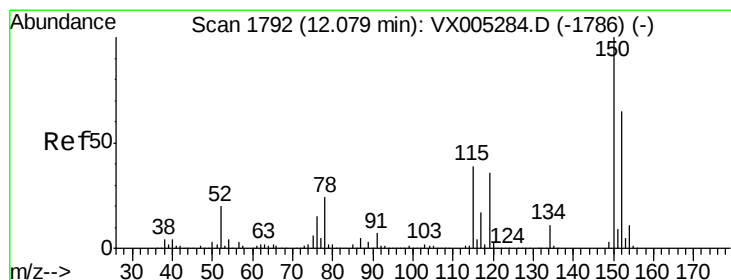
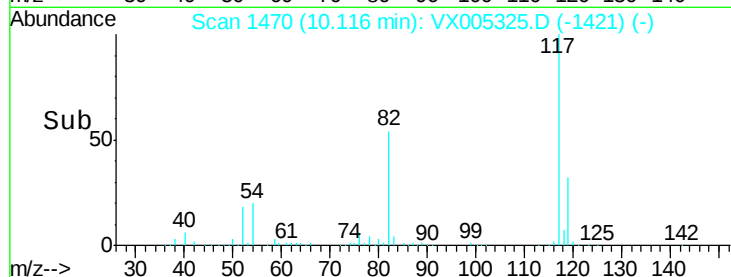
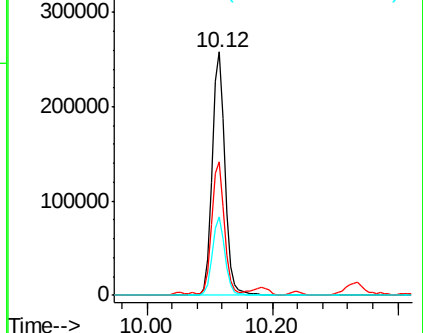
119 32.1 29.3 43.9



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX005325.D

Acq: 13 Oct 2018 06:17

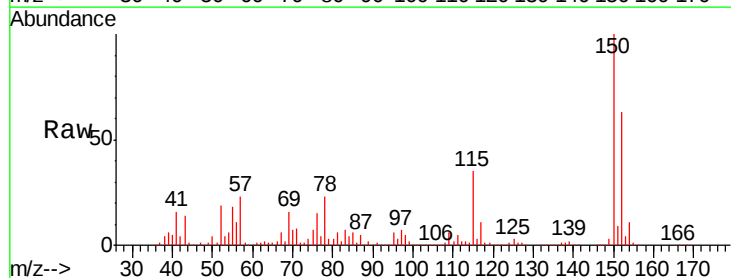
Tgt Ion:152 Resp: 196076

Ion Ratio Lower Upper

152 100

115 54.8 39.0 117.0

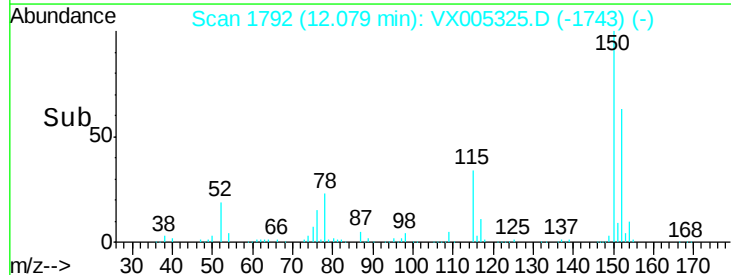
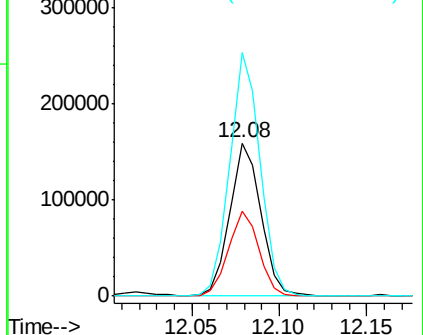
150 156.2 0.0 351.0

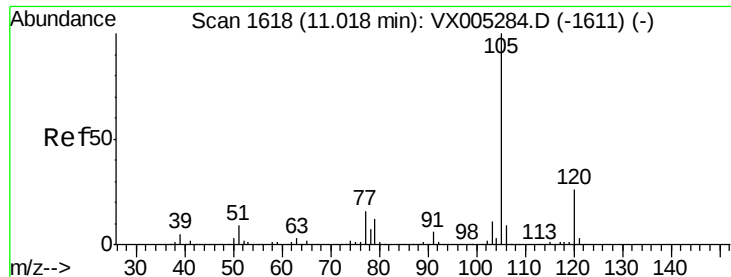


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 13.29 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX005325.D

Acq: 13 Oct 2018 06:17

Instrument :

MSVOA_X

ClientSampleId :

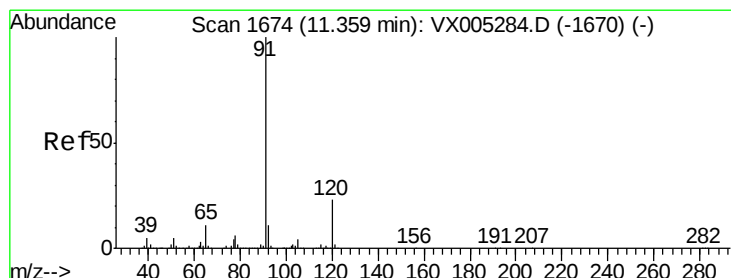
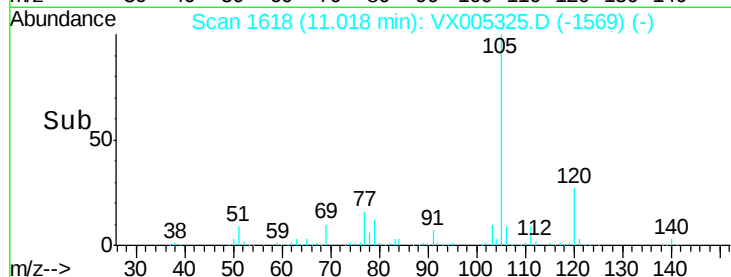
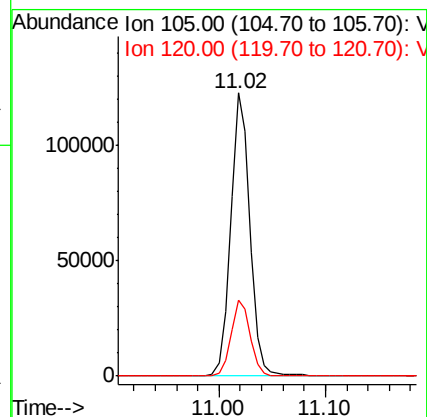
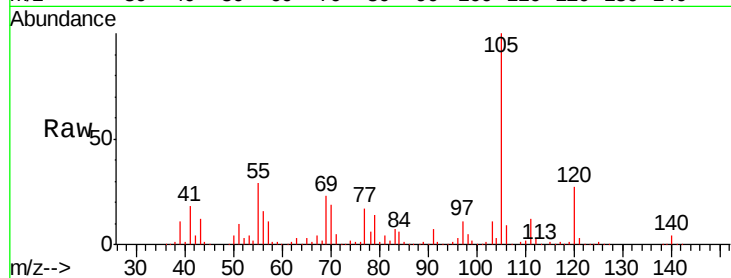
EP1-WS-EP-COMP1DL

Tgt Ion:105 Resp: 154862

Ion Ratio Lower Upper

105 100

120 26.8 13.5 40.4



#78

n-propylbenzene

Concen: 31.91 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX005325.D

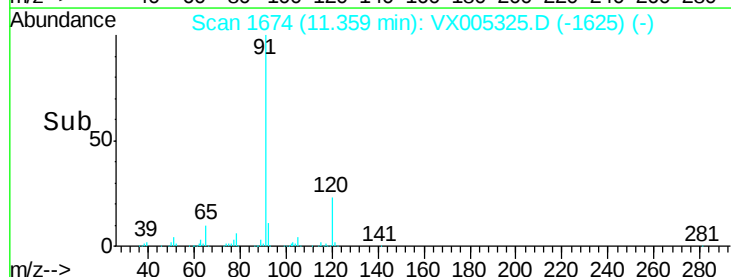
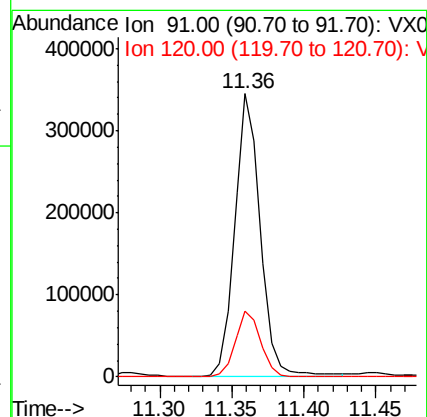
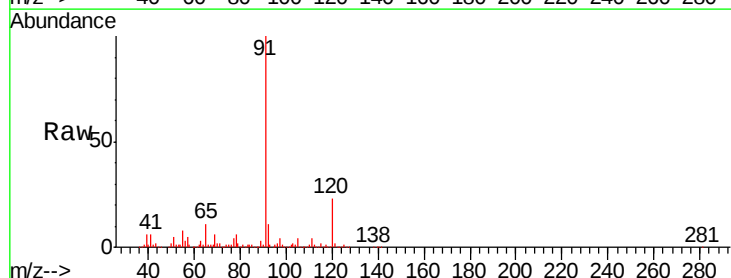
Acq: 13 Oct 2018 06:17

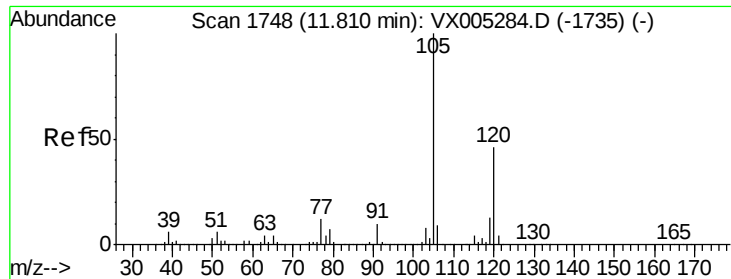
Tgt Ion: 91 Resp: 427971

Ion Ratio Lower Upper

91 100

120 23.1 11.9 35.9

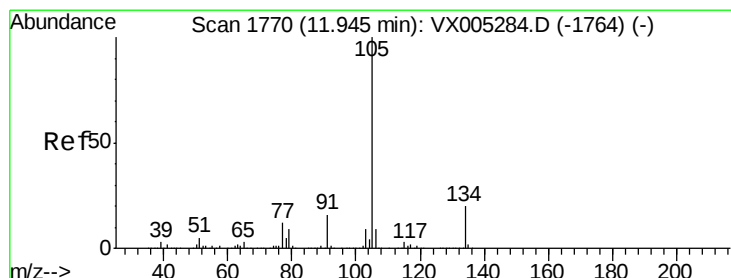
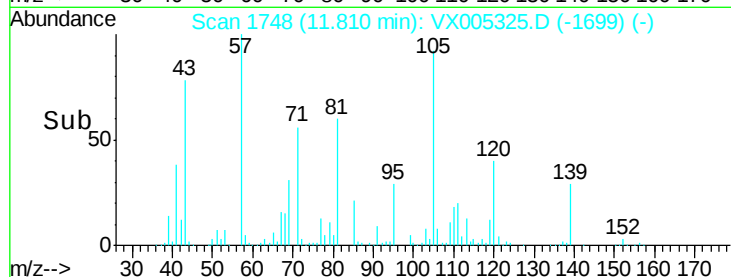
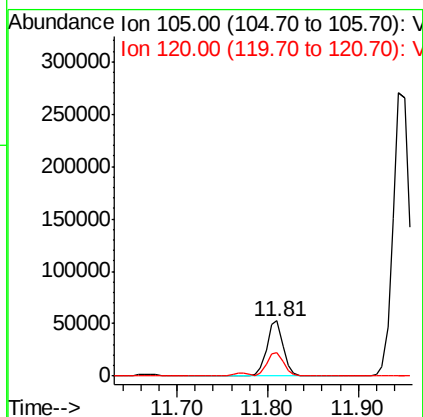
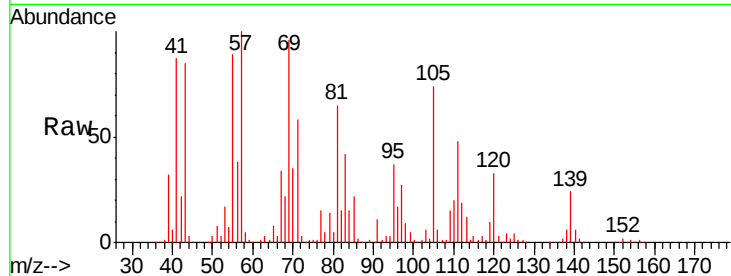




#84
 1,2,4-Trimethylbenzene
 Concen: 6.40 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX005325.D
 Acq: 13 Oct 2018 06:17

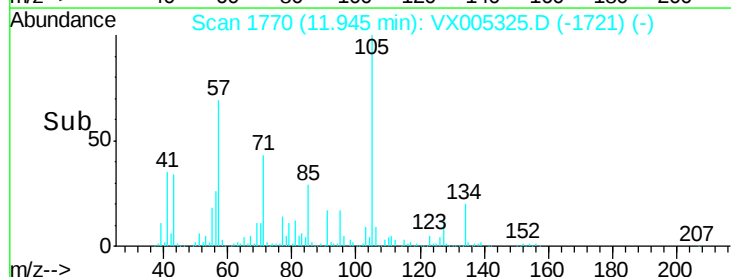
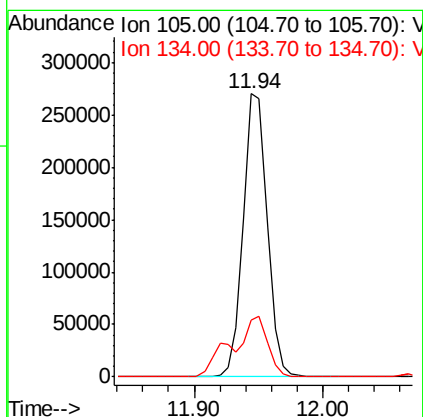
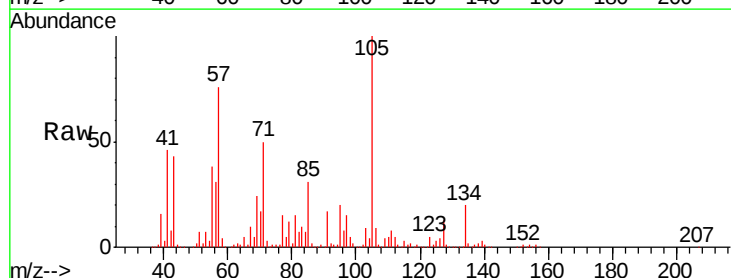
Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-WS-EP-COMP1DL

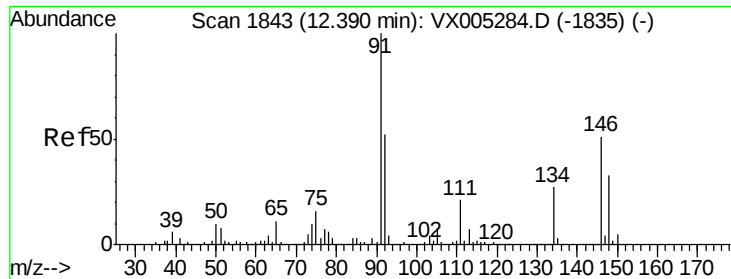
Tgt Ion:105 Resp: 65757
 Ion Ratio Lower Upper
 105 100
 120 43.8 23.2 69.6



#85
 sec-Butylbenzene
 Concen: 28.97 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX005325.D
 Acq: 13 Oct 2018 06:17

Tgt Ion:105 Resp: 346495
 Ion Ratio Lower Upper
 105 100
 134 32.2 10.5 31.5#





#89

n-Butylbenzene

Concen: 35.28 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX005325.D

Acq: 13 Oct 2018 06:17

Instrument :

MSVOA_X

ClientSampleId :

EP1-WS-EP-COMP1DL

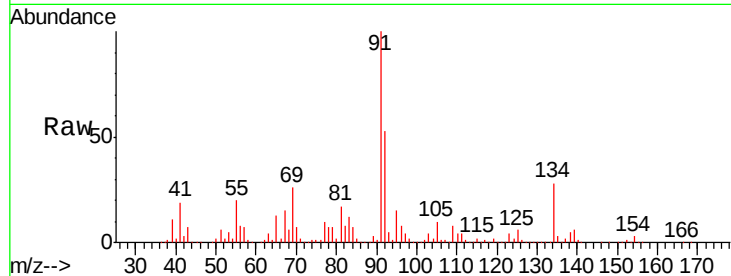
Tgt Ion: 91 Resp: 346361

Ion Ratio Lower Upper

91 100

92 48.5 27.3 81.9

134 36.4 13.6 40.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V

