

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX022718\
 Data File : VX000157.D
 Acq On : 27 Feb 2018 20:59
 Operator : JC/MD
 Sample : J1683-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ClientSampleId :
 RFK-RMAB-MW13-GW

Quant Time: Feb 28 06:22:22 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X021418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 12:46:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	103383	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	167114	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	154342	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	79133	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	63117	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	
35) Dibromofluoromethane	5.52	113	48868	46.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.66%	
50) Toluene-d8	8.73	98	200442	48.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.36%	
62) 4-Bromofluorobenzene	11.15	95	72744	44.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.18%	

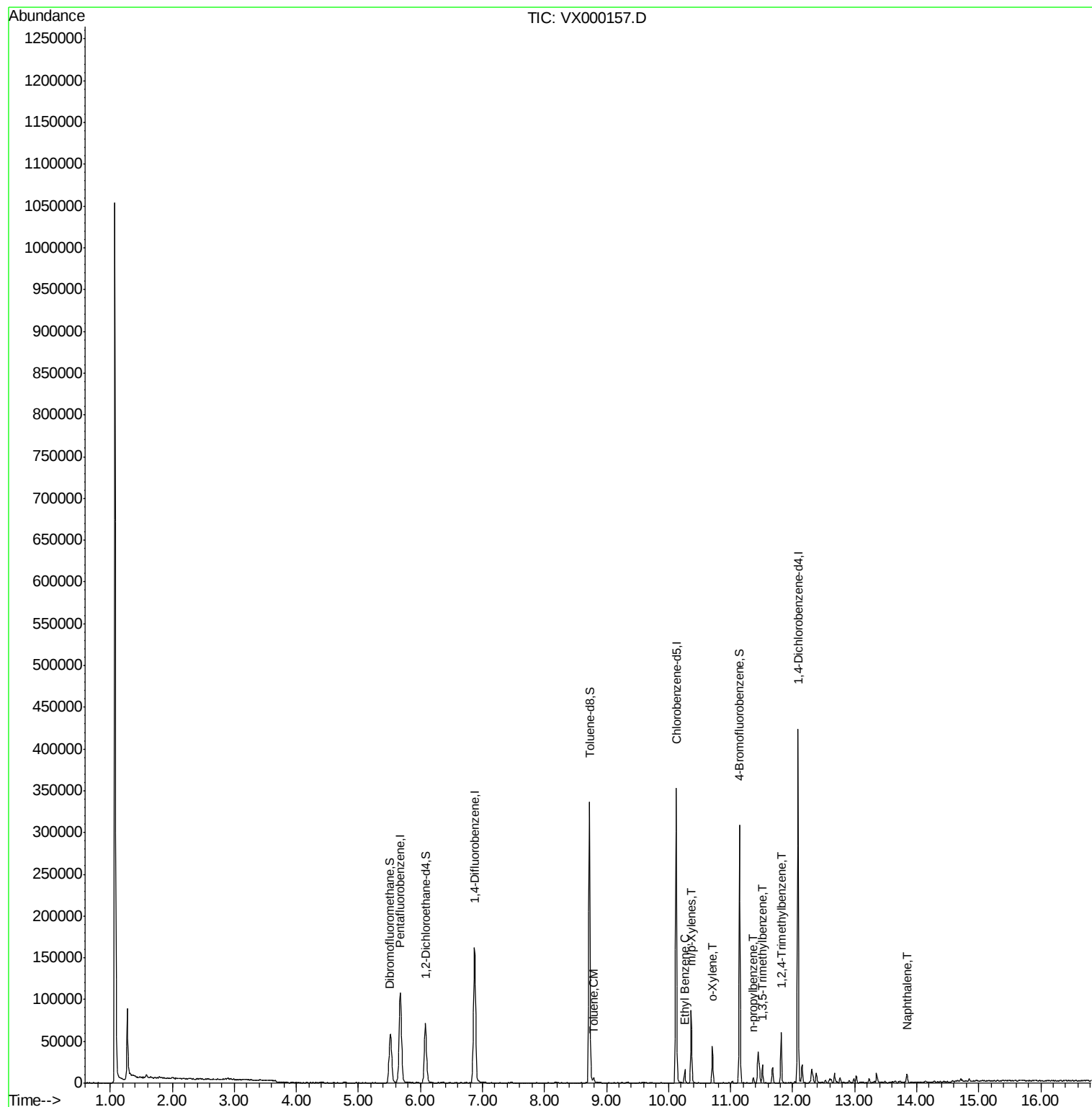
Target Compounds						Qvalue
52) Toluene	8.79	92	1709	0.60	ug/l	100
67) Ethyl Benzene	10.26	91	8731	1.60	ug/l	99
68) m/p-Xylenes	10.37	106	19668	9.08	ug/l	100
69) o-Xylene	10.71	106	9106	4.36	ug/l	95
78) n-propylbenzene	11.37	91	3368	0.57	ug/l	94
80) 1,3,5-Trimethylbenzene	11.51	105	8898	2.10	ug/l	97
84) 1,2,4-Trimethylbenzene	11.82	105	25180	5.72	ug/l	98
95) Naphthalene	13.84	128	6426	0.98	ug/l	96

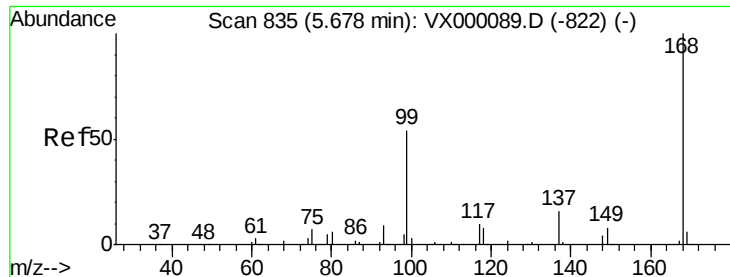
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000157.D

Acq: 27 Feb 2018 20:59

Instrument :

ClientSampleId :

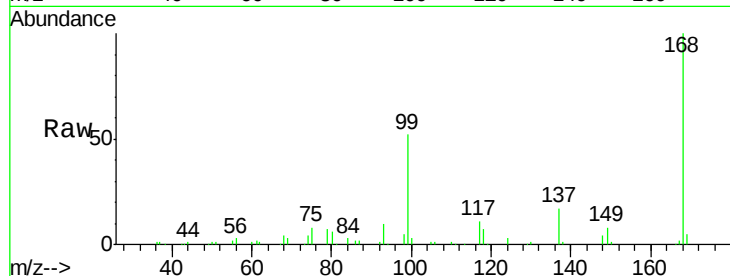
RFK-RMAB-MW13-GW

Tot Ion:168 Resp: 103383

Ion Ratio Lower Upper

168 100

99 51.7 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

40000

30000

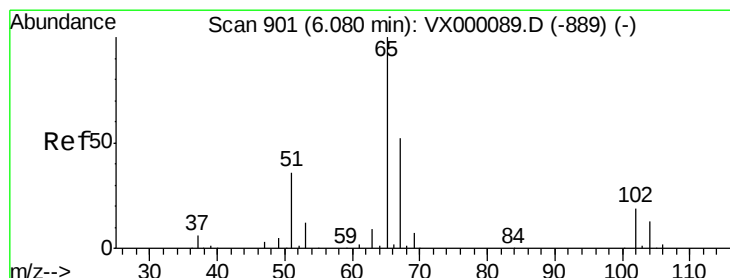
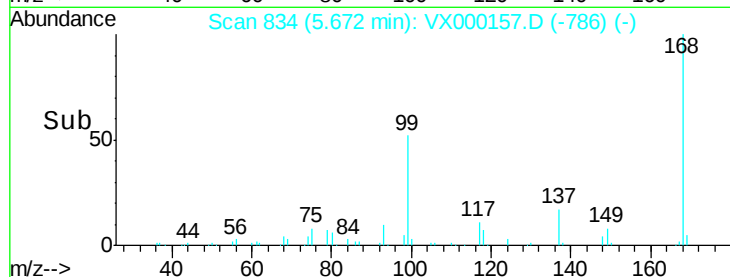
20000

10000

0

Time-->

5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 48.89 ug/l

RT: 6.08 min Scan# 901

Delta R.T. -0.00 min

Lab File: VX000157.D

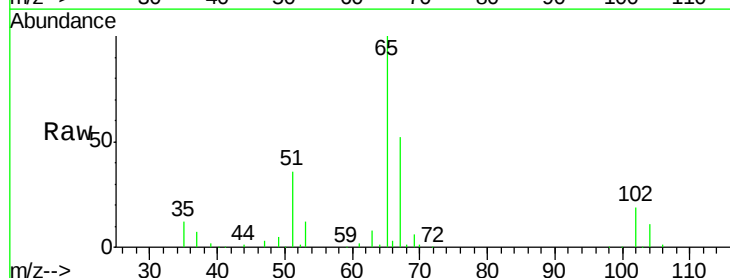
Acq: 27 Feb 2018 20:59

Tgt Ion: 65 Resp: 63117

Ion Ratio Lower Upper

65 100

67 53.6 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.08

30000

25000

20000

15000

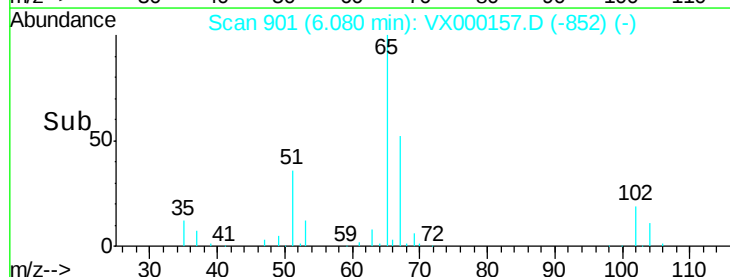
10000

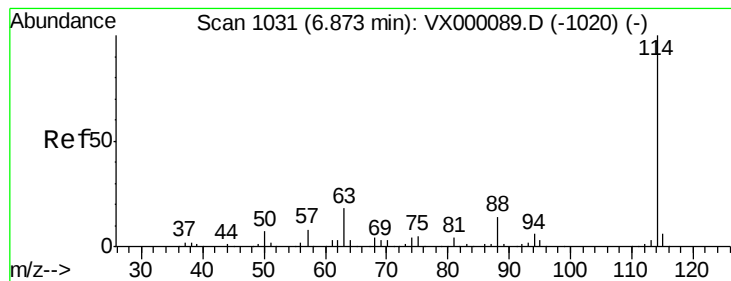
5000

0

Time-->

6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VX000157.D

Acq: 27 Feb 2018 20:59

Instrument :

ClientSampleId :

RFK-RMAB-MW13-GW

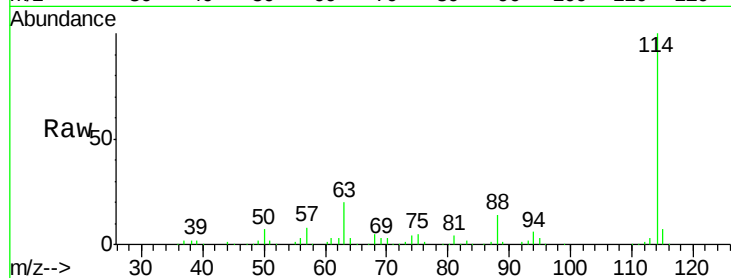
Tot Ion:114 Resp: 167114

Ion Ratio Lower Upper

114 100

63 19.8 0.0 36.4

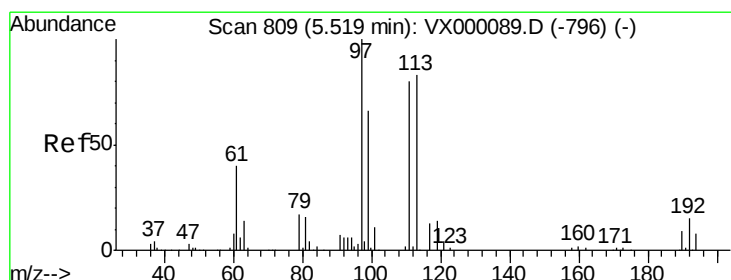
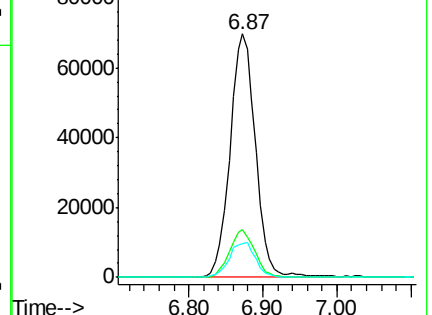
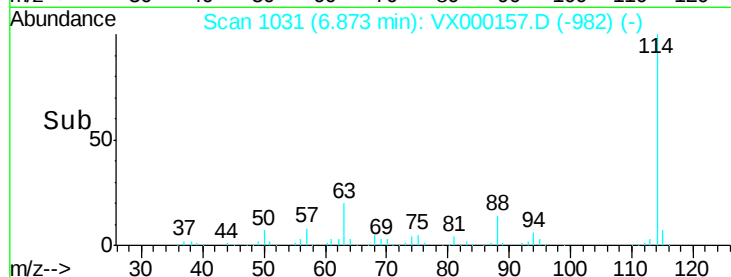
88 14.0 0.0 29.0



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: 46.33 ug/l

RT: 5.52 min Scan# 809

Delta R.T. -0.00 min

Lab File: VX000157.D

Acq: 27 Feb 2018 20:59

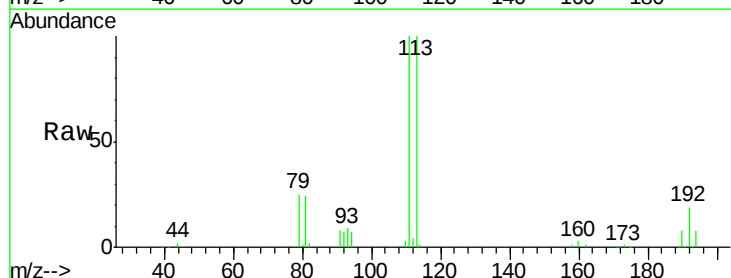
Tgt Ion:113 Resp: 48868

Ion Ratio Lower Upper

113 100

111 101.2 81.0 121.6

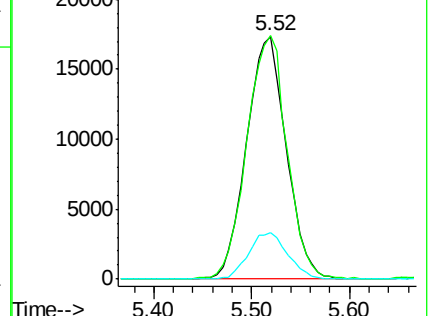
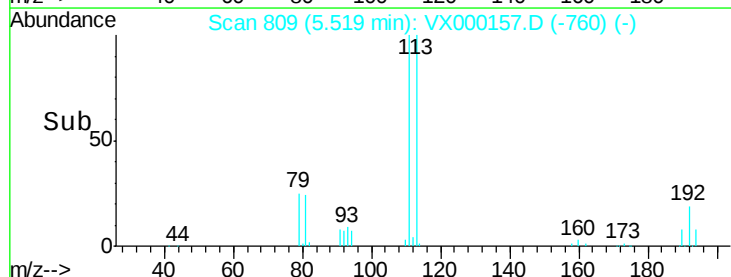
192 18.9 15.7 23.5

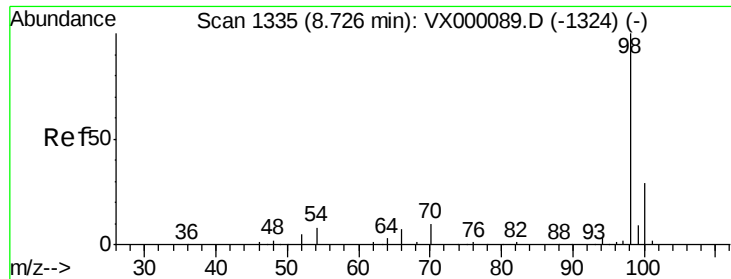


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

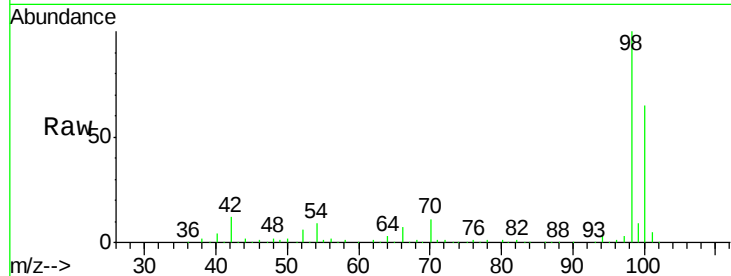




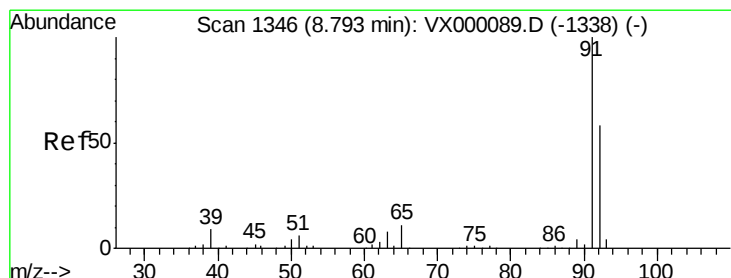
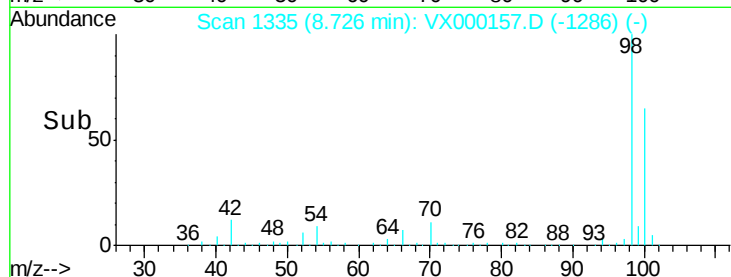
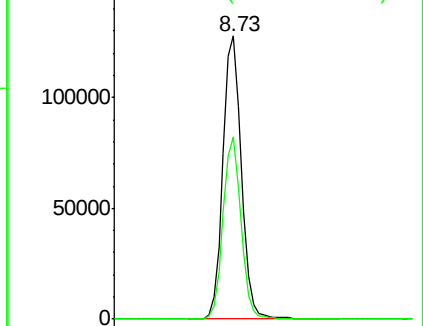
#50
Toluene-d8
Concen: 48.18 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000157.D
Acq: 27 Feb 2018 20:59

Instrument :
ClientSampleId :
RFK-RMAB-MW13-GW

Tot Ion: 98 Resp: 200442
Ion Ratio Lower Upper
98 100
100 62.8 52.2 78.2

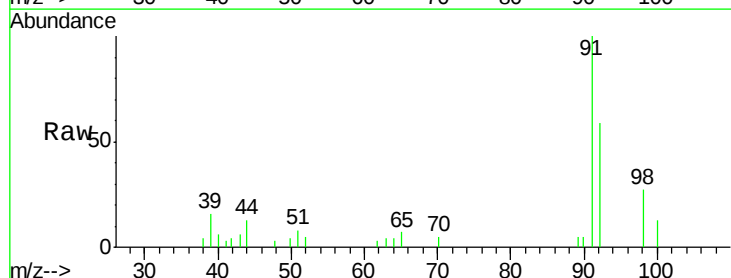


Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX

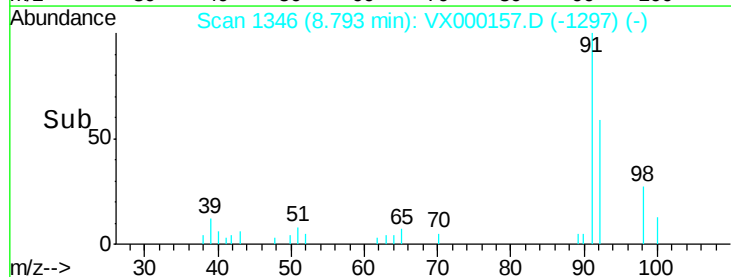
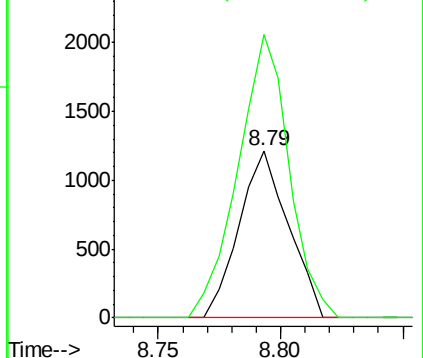


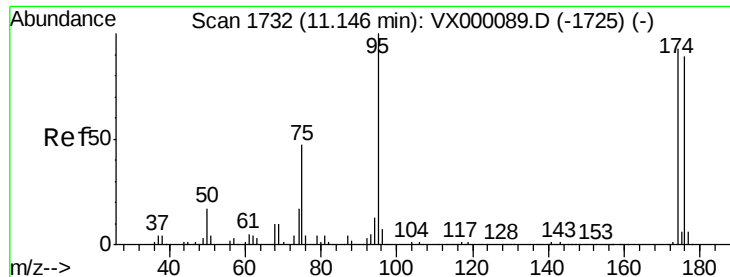
#52
Toluene
Concen: 0.60 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VX000157.D
Acq: 27 Feb 2018 20:59

Tgt Ion: 92 Resp: 1709
Ion Ratio Lower Upper
92 100
91 175.4 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0
Ion 91.00 (90.70 to 91.70): VX0





#62

4-Bromofluorobenzene

Concen: 44.59 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000157.D

Acq: 27 Feb 2018 20:59

Instrument :

ClientSampleId :

RFK-RMAB-MW13-GW

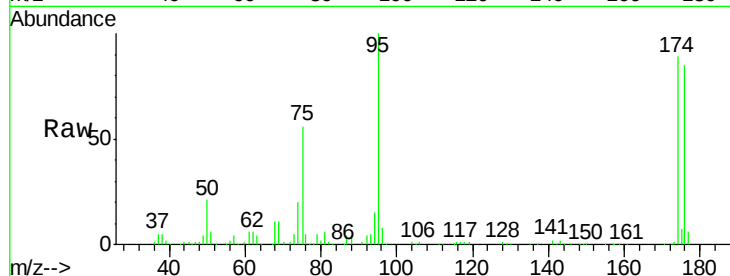
Tot Ion: 95 Resp: 72744

Ion Ratio Lower Upper

95 100

174 86.0 0.0 187.8

176 79.4 0.0 181.2

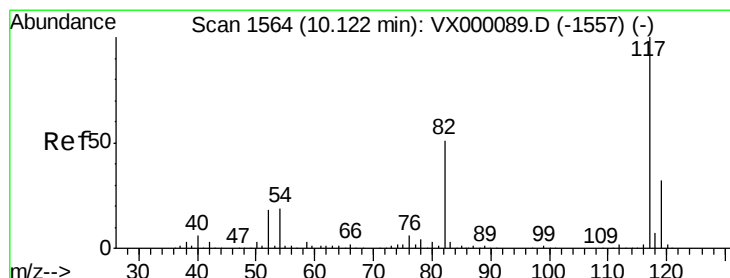
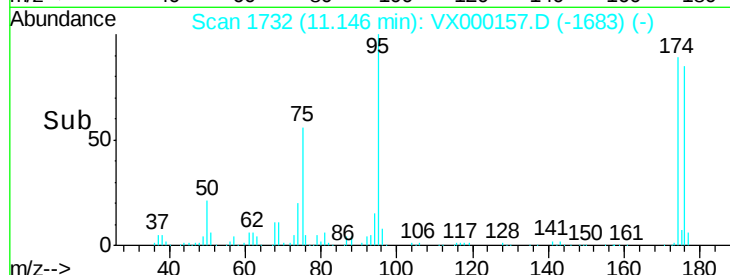


Abundance Ion 94.90 (94.60 to 95.60): VX000089.D (-1725) (-)

Ion 173.80 (173.50 to 174.50): VX000089.D (-1725) (-)

Ion 175.80 (175.50 to 176.50): VX000089.D (-1725) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VX000157.D

Acq: 27 Feb 2018 20:59

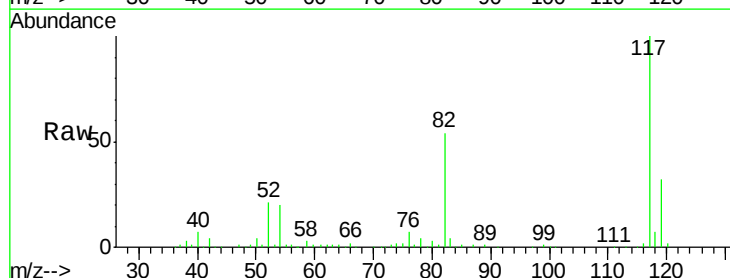
Tgt Ion: 117 Resp: 154342

Ion Ratio Lower Upper

117 100

82 54.0 41.0 61.6

119 32.0 25.5 38.3

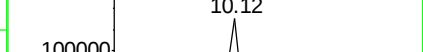
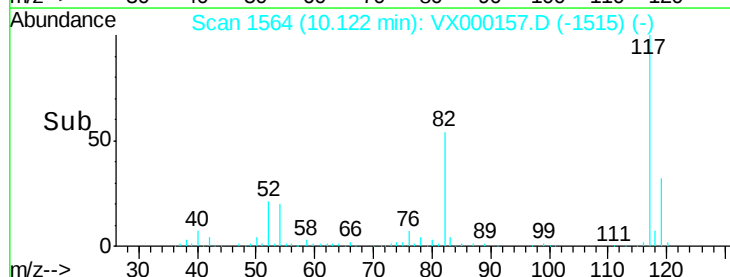


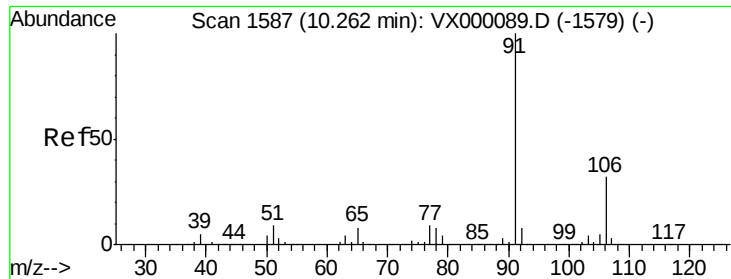
Abundance Ion 116.90 (116.60 to 117.60): VX000089.D (-1557) (-)

Ion 82.00 (81.70 to 82.70): VX000089.D (-1557) (-)

Ion 118.90 (118.60 to 119.60): VX000089.D (-1557) (-)

Time-->

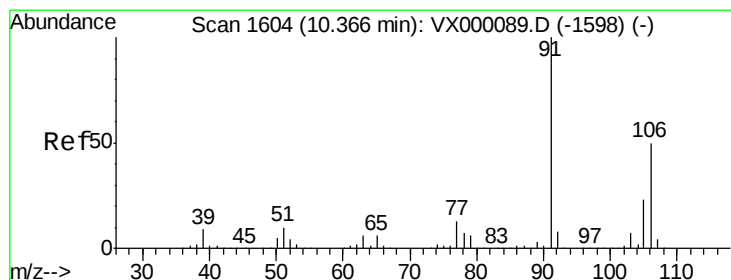
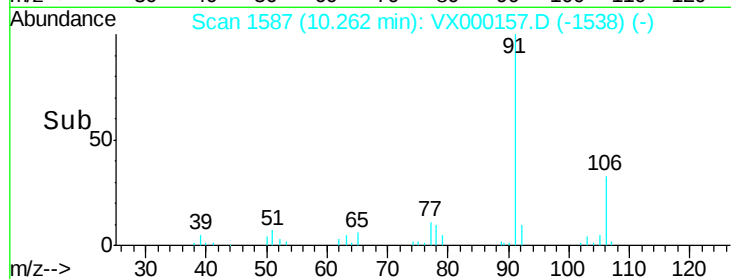
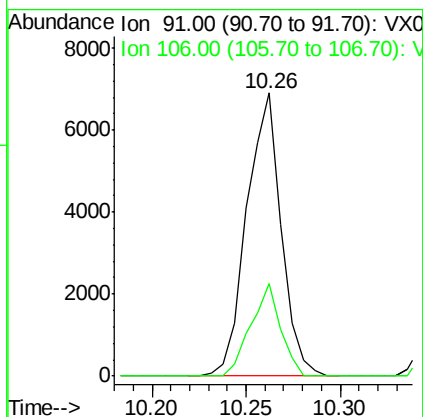
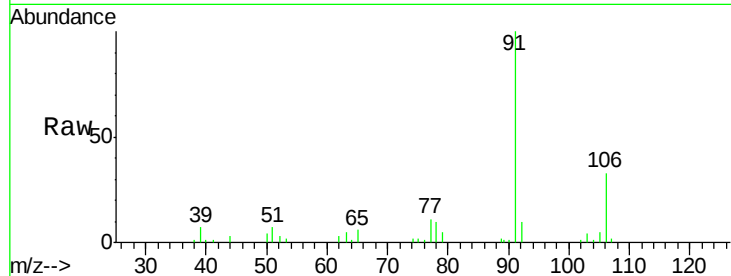




#67
Ethyl Benzene
Concen: 1.60 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. -0.00 min
Lab File: VX000157.D
Acq: 27 Feb 2018 20:59

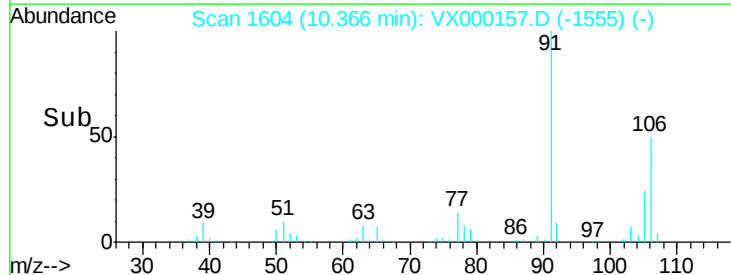
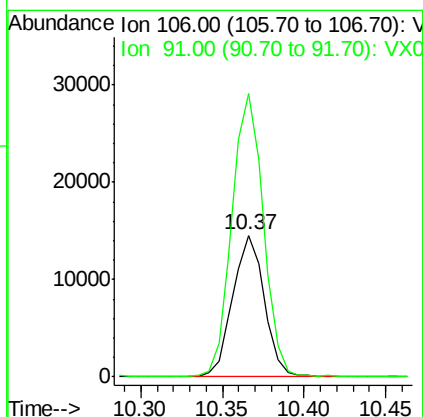
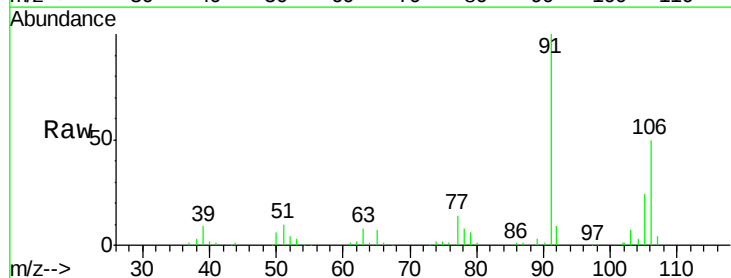
Instrument :
ClientSampleId :
RFK-RMAB-MW13-GW

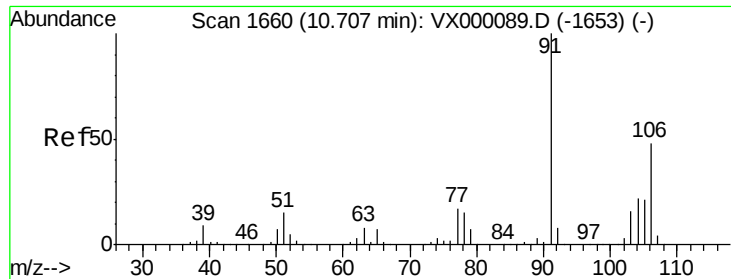
Tot Ion: 91 Resp: 8731
Ion Ratio Lower Upper
91 100
106 32.7 25.8 38.6



#68
m/p-Xylenes
Concen: 9.08 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000157.D
Acq: 27 Feb 2018 20:59

Tgt Ion: 106 Resp: 19668
Ion Ratio Lower Upper
106 100
91 199.0 159.1 238.7

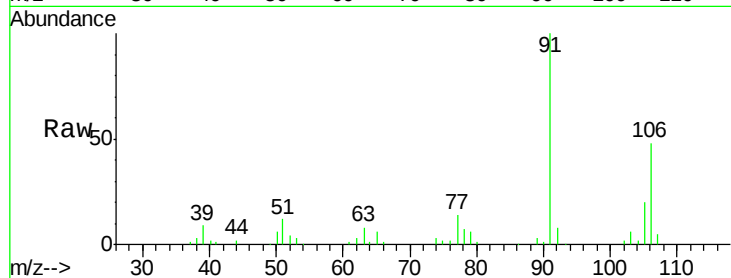




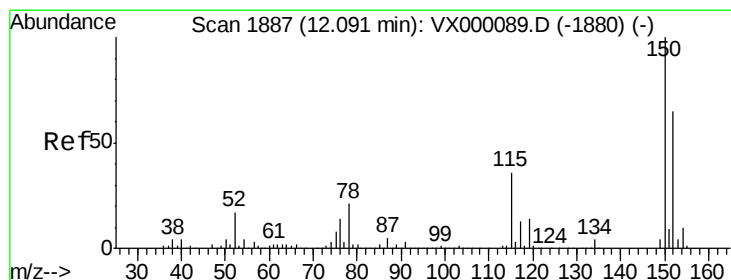
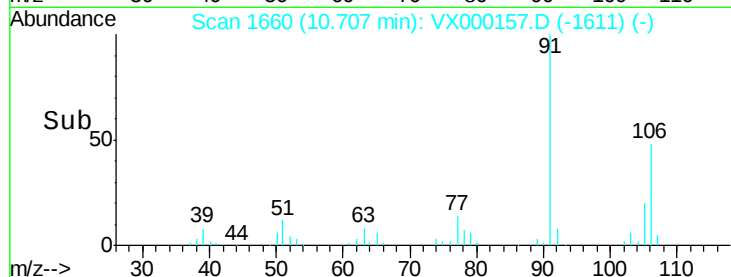
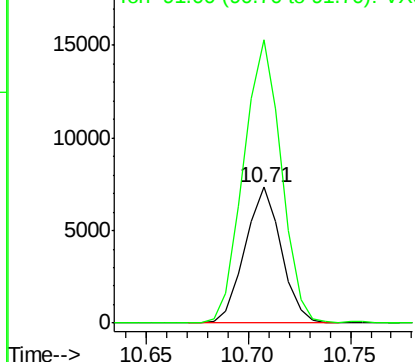
#69
o-Xylene
Concen: 4.36 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000157.D
Acq: 27 Feb 2018 20:59

Instrument :
ClientSampled :
RFK-RMAB-MW13-GW

Tot Ion:106 Resp: 9106
Ion Ratio Lower Upper
106 100
91 216.0 103.8 311.6

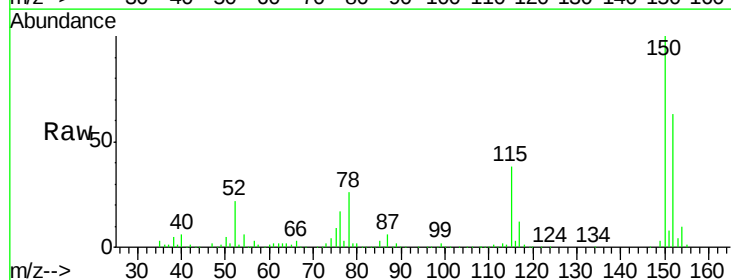


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

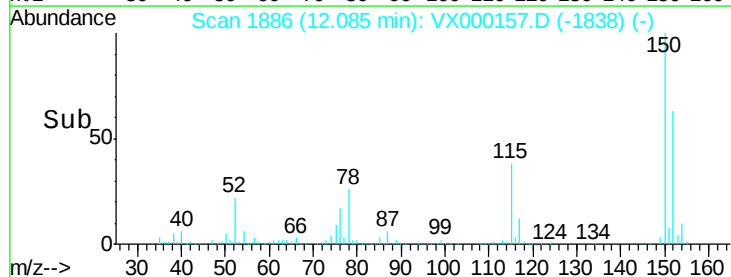
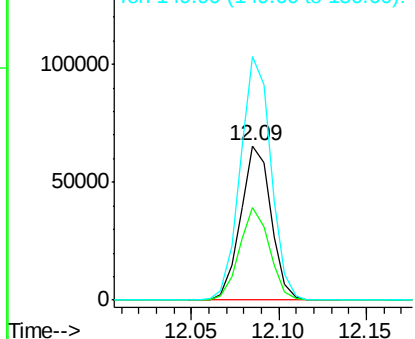


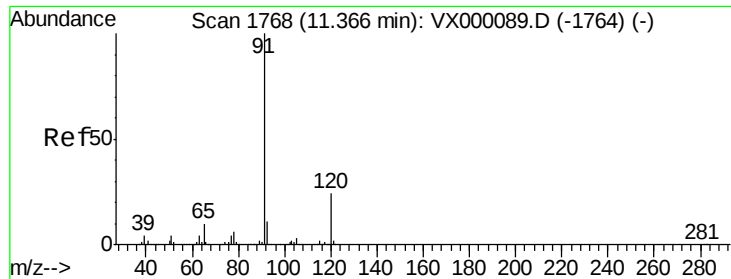
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.01 min
Lab File: VX000157.D
Acq: 27 Feb 2018 20:59

Tgt Ion:152 Resp: 79133
Ion Ratio Lower Upper
152 100
115 59.0 39.1 117.2
150 158.8 0.0 348.2



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





#78

n-propylbenzene

Concen: 0.57 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000157.D

Acq: 27 Feb 2018 20:59

Instrument :

ClientSampled :

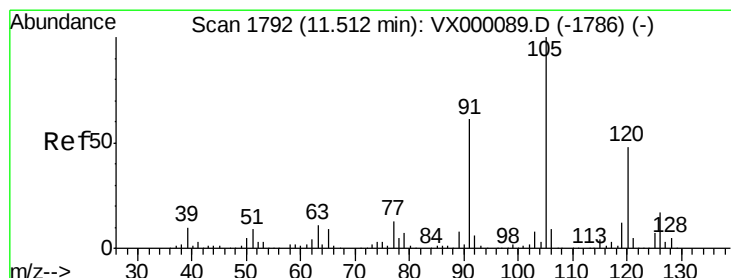
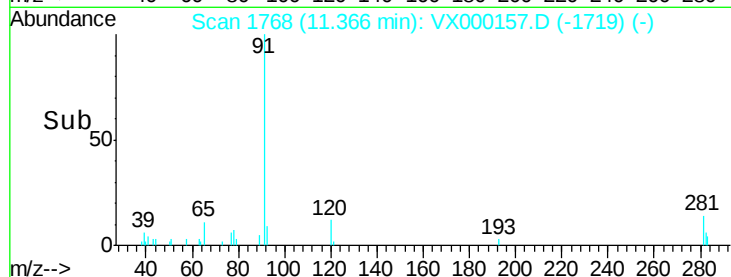
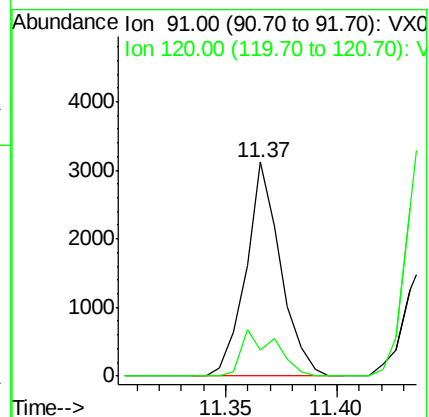
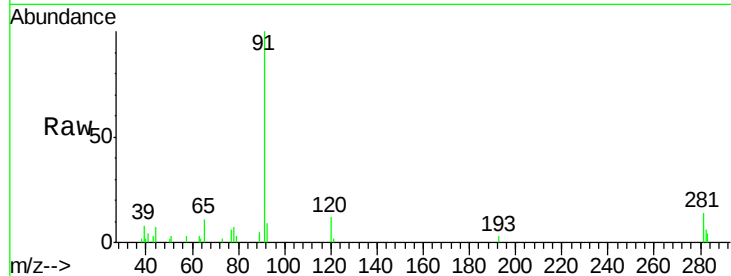
RFK-RMAB-MW13-GW

Tot Ion: 91 Resp: 3368

Ion Ratio Lower Upper

91 100

120 21.4 12.3 36.9



#80

1,3,5-Trimethylbenzene

Concen: 2.10 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000157.D

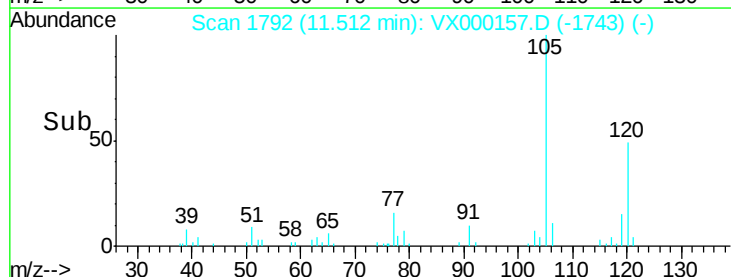
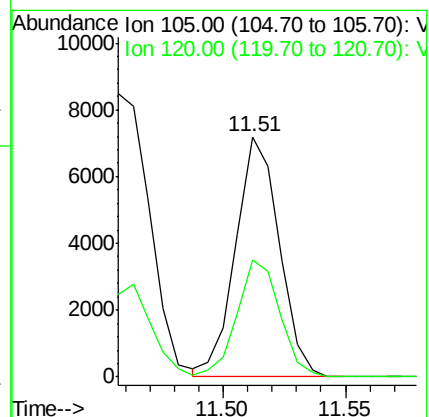
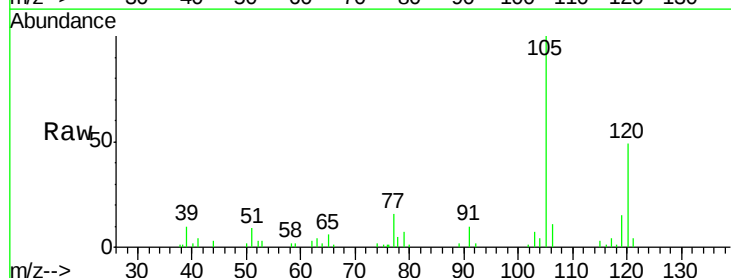
Acq: 27 Feb 2018 20:59

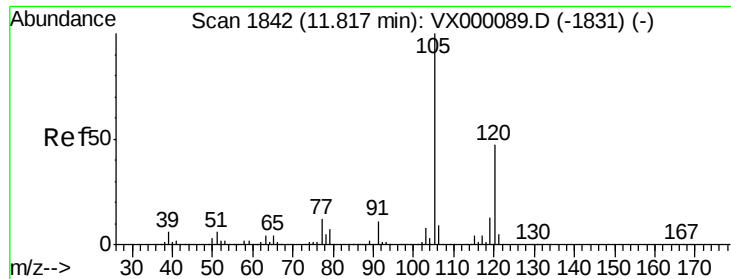
Tgt Ion: 105 Resp: 8898

Ion Ratio Lower Upper

105 100

120 47.7 24.9 74.6

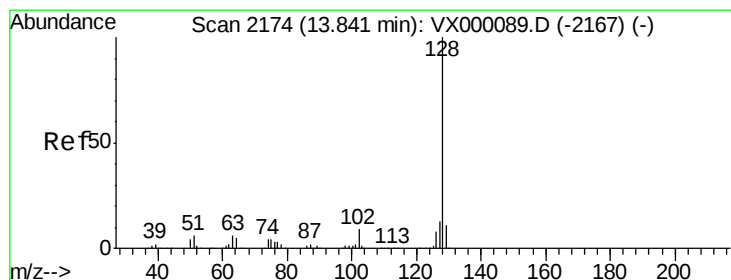
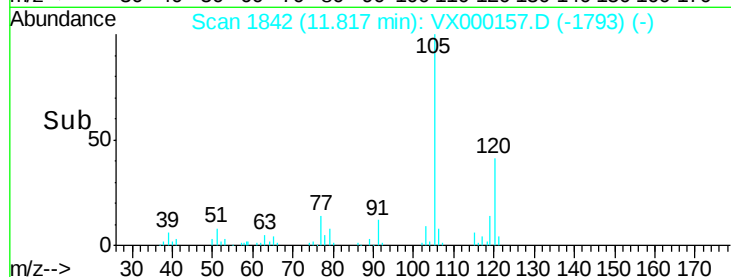
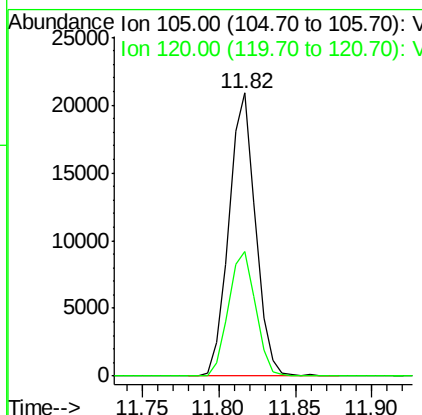
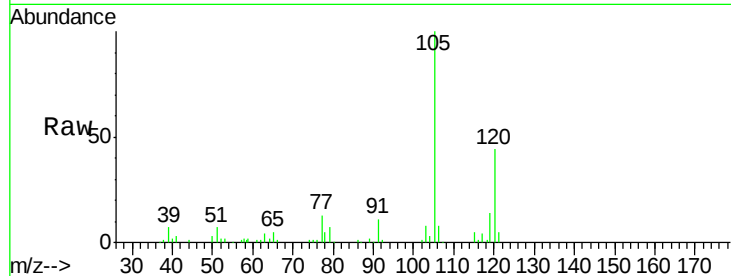




#84
 1,2,4-Trimethylbenzene
 Concen: 5.72 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000157.D
 Acq: 27 Feb 2018 20:59

Instrument :
 ClientSampled :
 RFK-RMAB-MW13-GW

Tot Ion:105 Resp: 25180
 Ion Ratio Lower Upper
 105 100
 120 44.8 23.1 69.2



#95
 Naphthalene
 Concen: 0.98 ug/l
 RT: 13.84 min Scan# 2174
 Delta R.T. -0.00 min
 Lab File: VX000157.D
 Acq: 27 Feb 2018 20:59

Tgt Ion:128 Resp: 6426
 Ion Ratio Lower Upper
 128 100
 127 15.1 10.4 15.6
 129 11.8 8.7 13.1

