

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX022818\
 Data File : VX000170.D
 Acq On : 28 Feb 2018 16:37
 Operator : JC/MD
 Sample : J1683-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RFK-RMAB-MW13-GW

Quant Time: Mar 01 17:53:29 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	5.68	168	85829	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	136699	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	127749	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	66845	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.09	65	54784	51.11	ug/l	0.00
Spiked Amount			Recovery	=	102.22%	
35) Dibromofluoromethane	5.52	113	40642	47.11	ug/l	0.00
Spiked Amount			Recovery	=	94.22%	
50) Toluene-d8	8.73	98	167218	49.13	ug/l	0.00
Spiked Amount			Recovery	=	98.26%	
62) 4-Bromofluorobenzene	11.15	95	60920	45.65	ug/l	0.00
Spiked Amount			Recovery	=	91.30%	

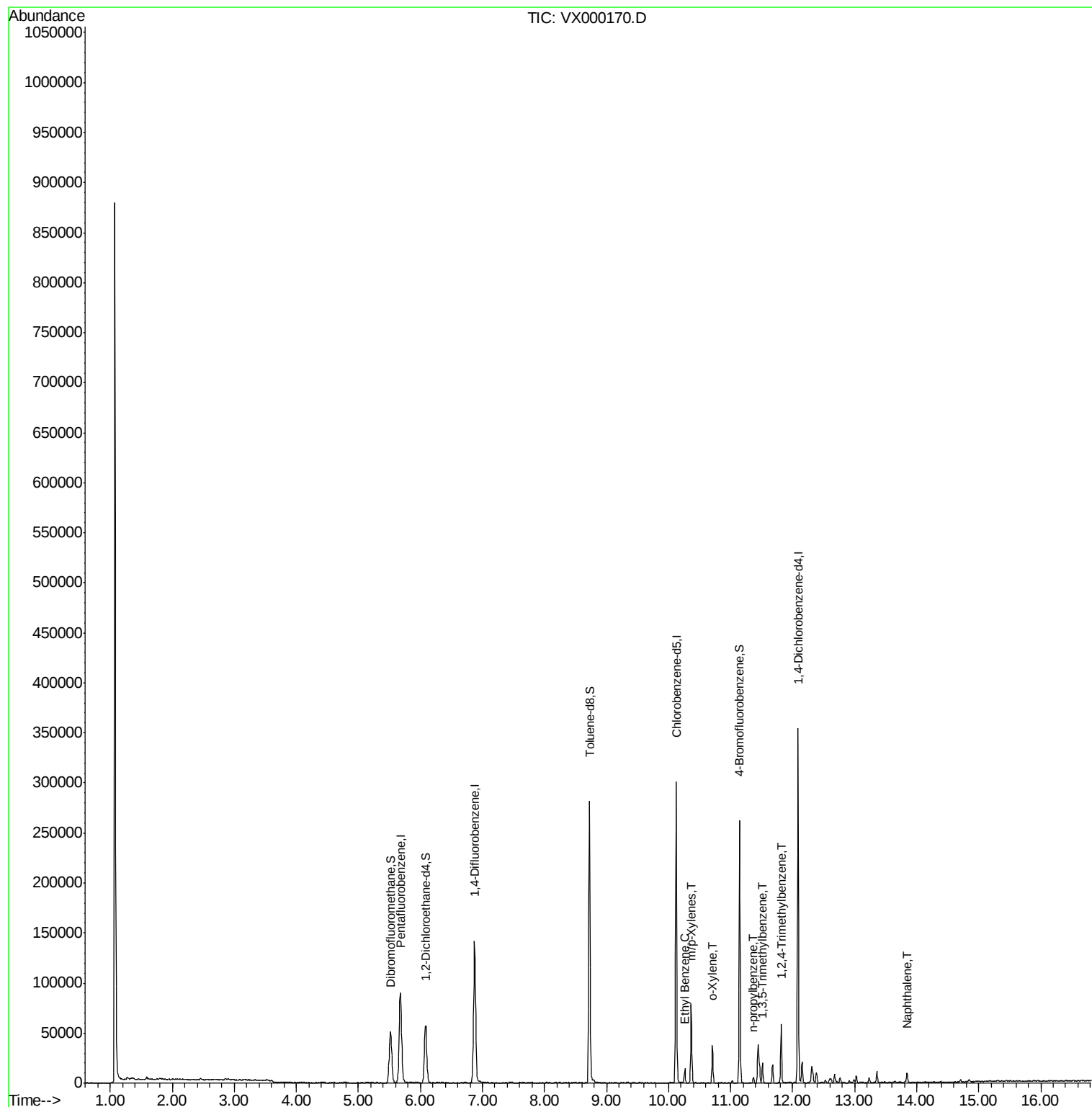
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
67) Ethyl Benzene	10.26	91	8225	1.82	ug/l	92
68) m/p-Xylenes	10.37	106	16638	9.28	ug/l	92
69) o-Xylene	10.71	106	7812	4.52	ug/l	92
78) n-propylbenzene	11.37	91	3502	0.70	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	8303	2.32	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	23824	6.41	ug/l	100
95) Naphthalene	13.84	128	5695	1.03	ug/l	97

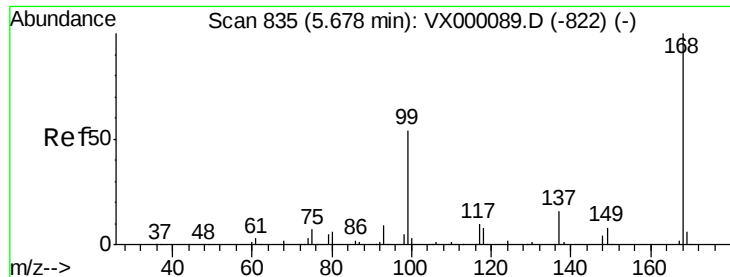
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000170.D

Acq: 28 Feb 2018 16:37

Instrument :

MSVOA_X

ClientSampleId :

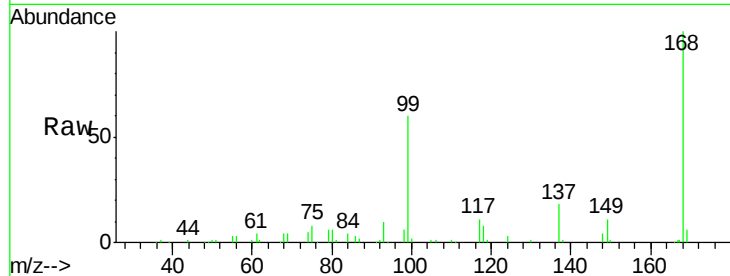
RFK-RMAB-MW13-GW

Tot Ion:168 Resp: 85829

Ion Ratio Lower Upper

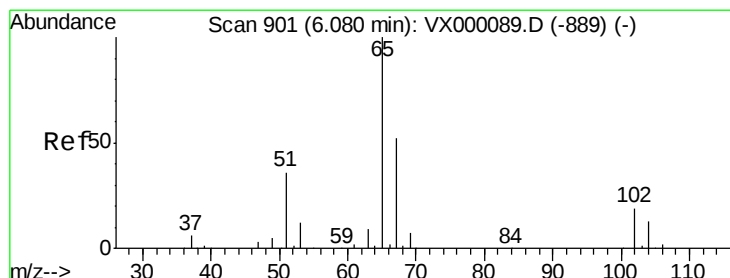
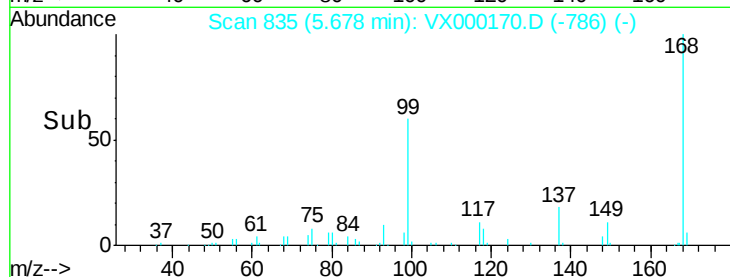
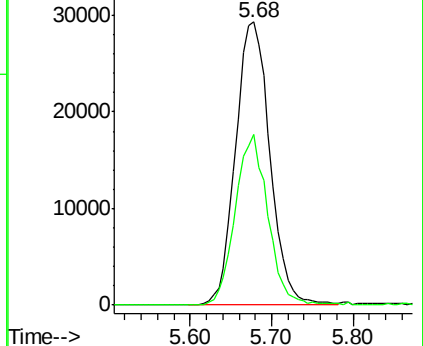
168 100

99 60.2 43.1 64.7



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: 51.11 ug/l

RT: 6.09 min Scan# 902

Delta R.T. 0.01 min

Lab File: VX000170.D

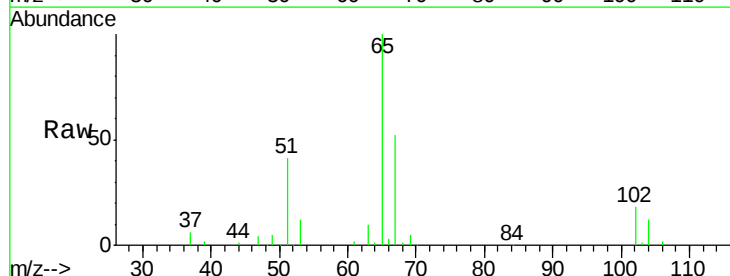
Acq: 28 Feb 2018 16:37

Tgt Ion: 65 Resp: 54784

Ion Ratio Lower Upper

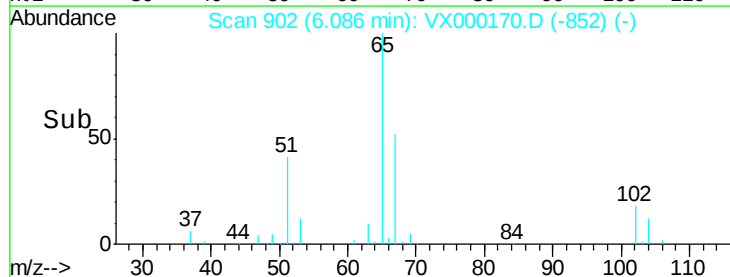
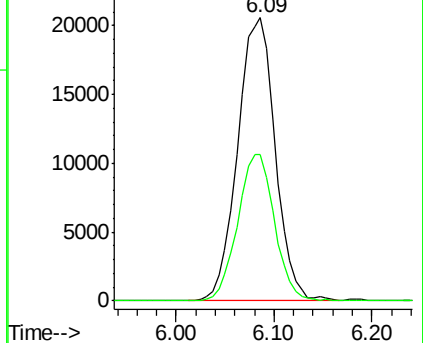
65 100

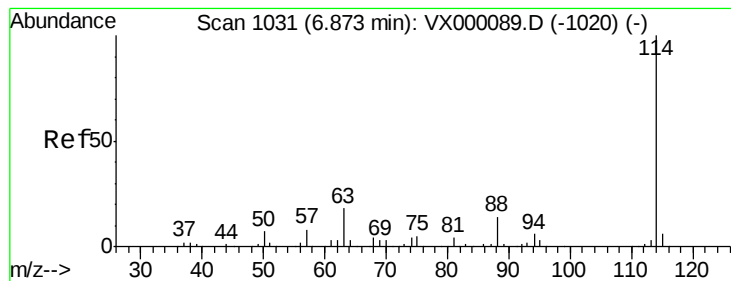
67 50.9 0.0 104.8



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: 6.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VX000170.D

Acq: 28 Feb 2018 16:37

Instrument :

MSVOA_X

ClientSampleId :

RFK-RMAB-MW13-GW

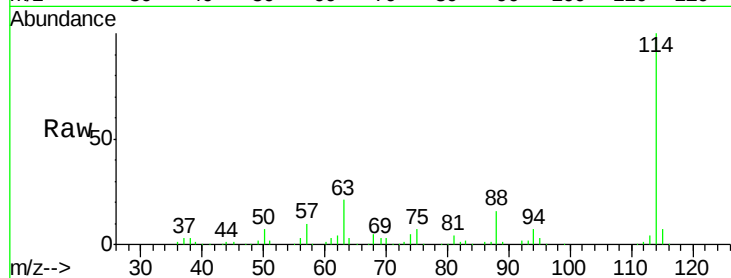
Tot Ion:114 Resp: 136699

Ion Ratio Lower Upper

114 100

63 21.4 0.0 36.4

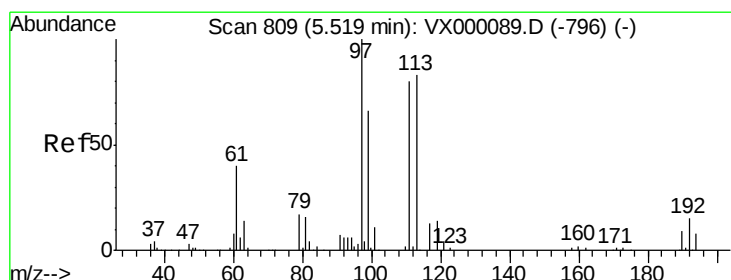
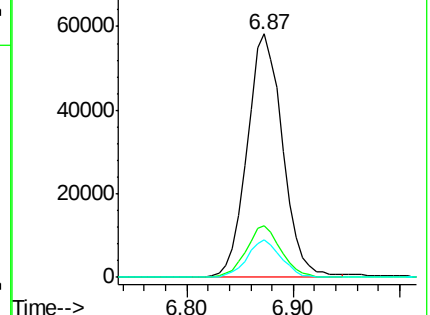
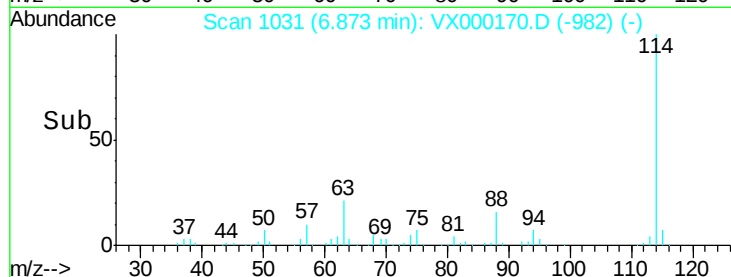
88 15.6 0.0 29.0



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: 47.11 ug/l

RT: 5.52 min Scan# 809

Delta R.T. -0.00 min

Lab File: VX000170.D

Acq: 28 Feb 2018 16:37

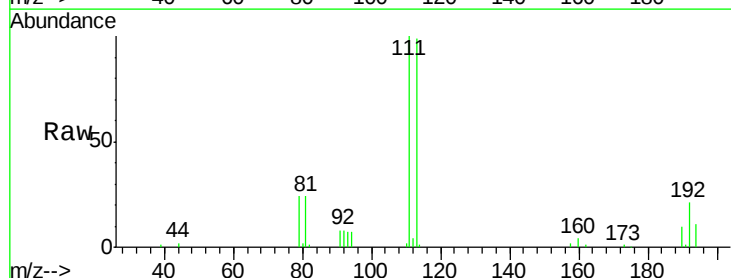
Tgt Ion:113 Resp: 40642

Ion Ratio Lower Upper

113 100

111 104.1 81.0 121.6

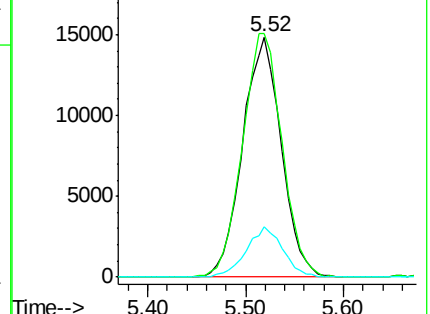
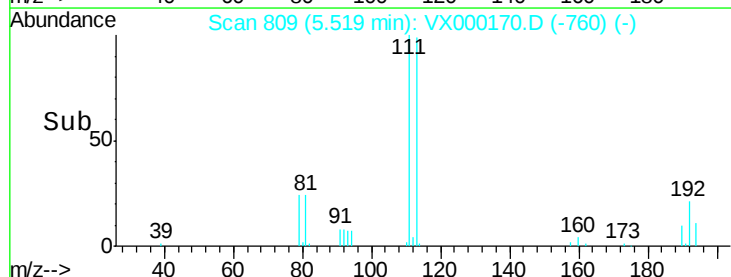
192 19.7 15.7 23.5

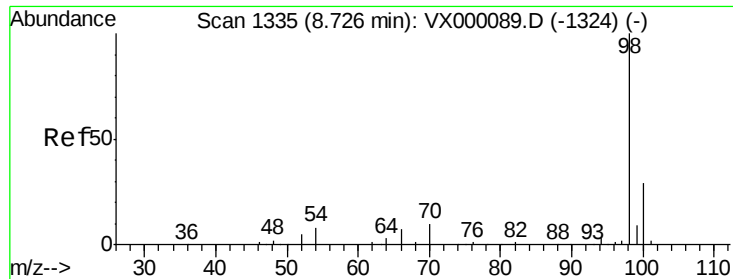


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

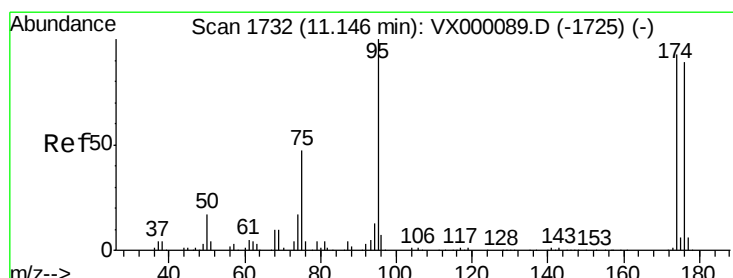
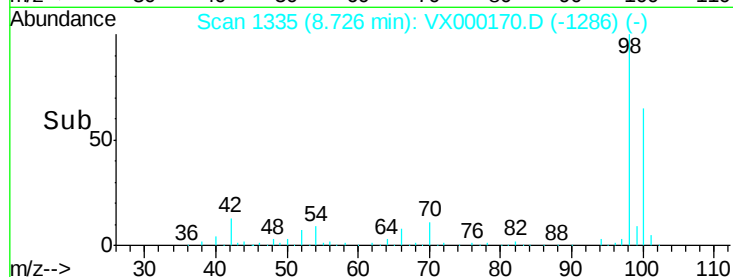
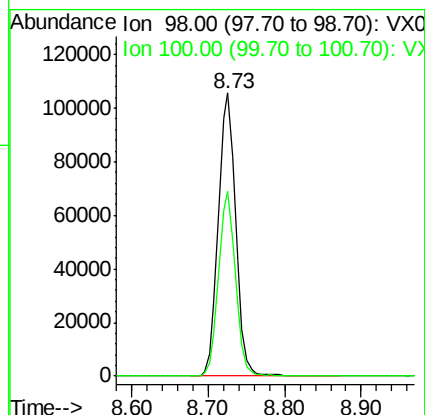
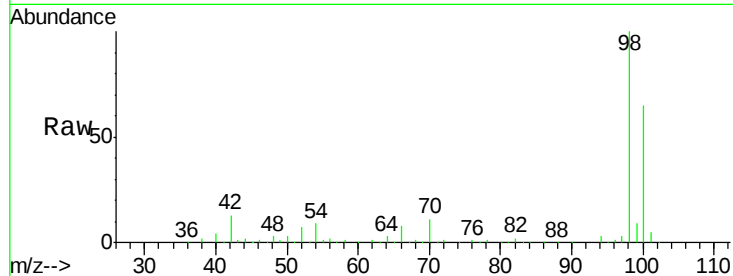




#50
Toluene-d8
Concen: 49.13 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000170.D
Acq: 28 Feb 2018 16:37

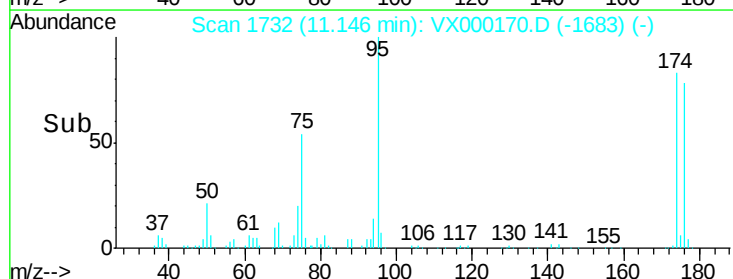
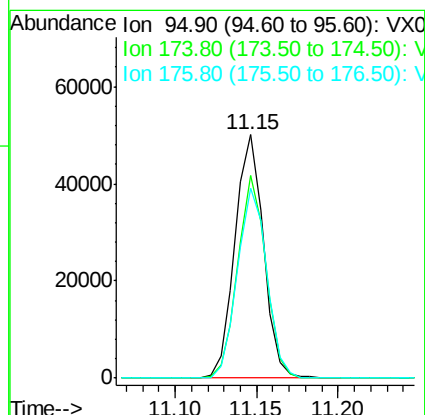
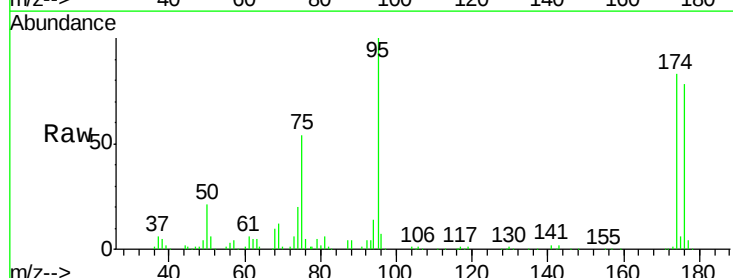
Instrument :
MSVOA_X
ClientSampleId :
RFK-RMAB-MW13-GW

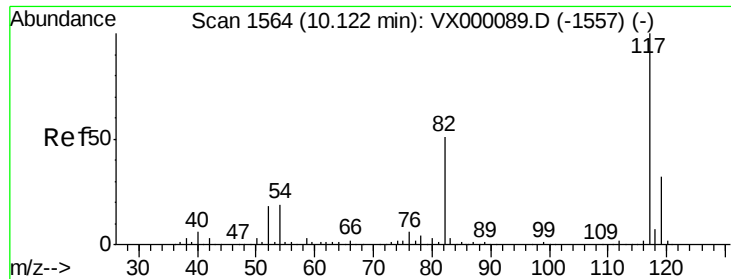
Tot Ion: 98 Resp: 167218
Ion Ratio Lower Upper
98 100
100 62.8 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 45.65 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VX000170.D
Acq: 28 Feb 2018 16:37

Tgt Ion: 95 Resp: 60920
Ion Ratio Lower Upper
95 100
174 82.4 0.0 187.8
176 80.8 0.0 181.2

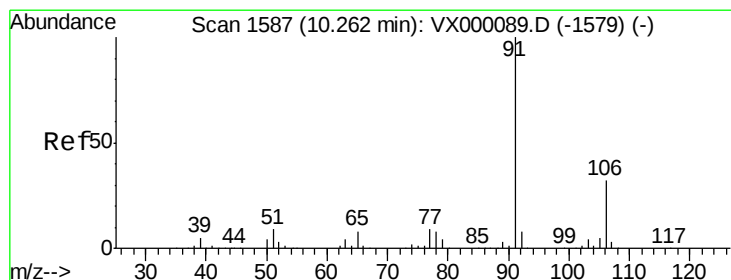
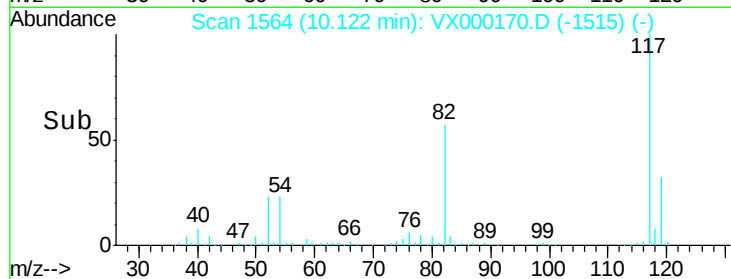
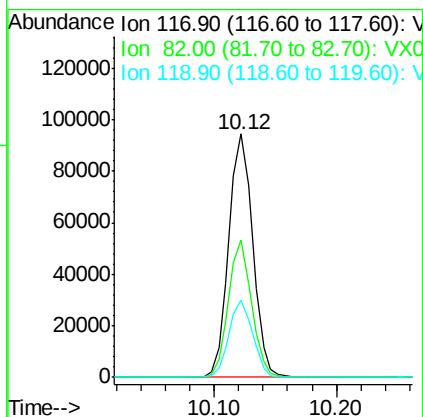
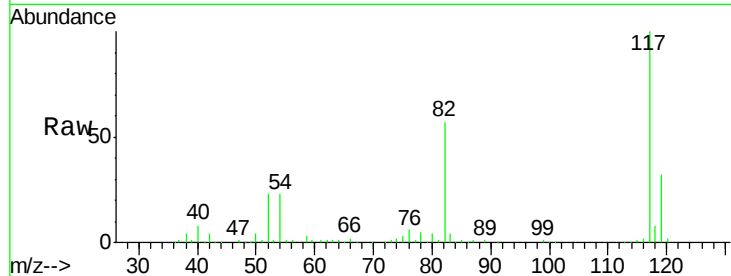




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000170.D
Acq: 28 Feb 2018 16:37

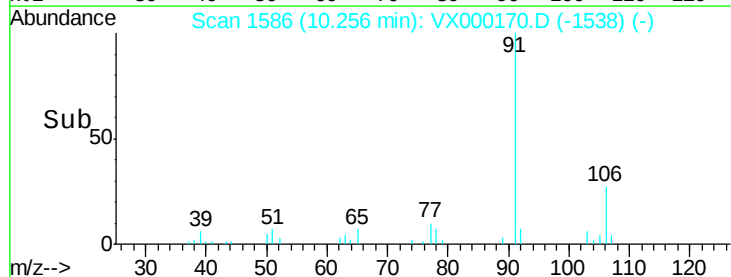
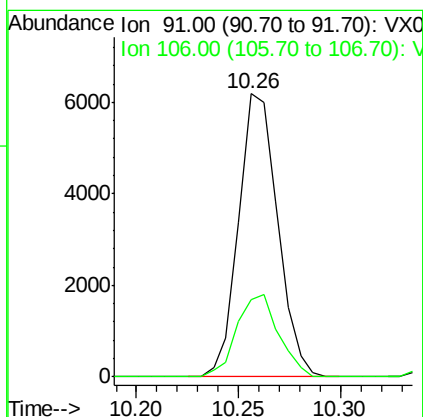
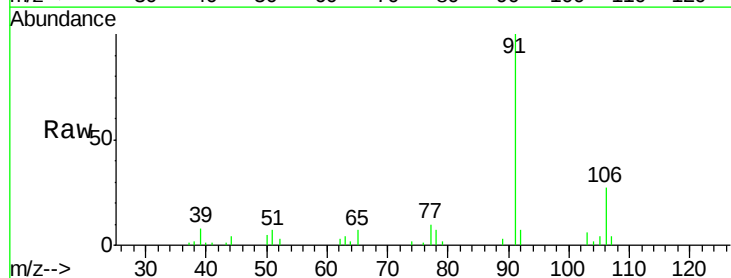
Instrument :
MSVOA_X
ClientSampleId :
RFK-RMAB-MW13-GW

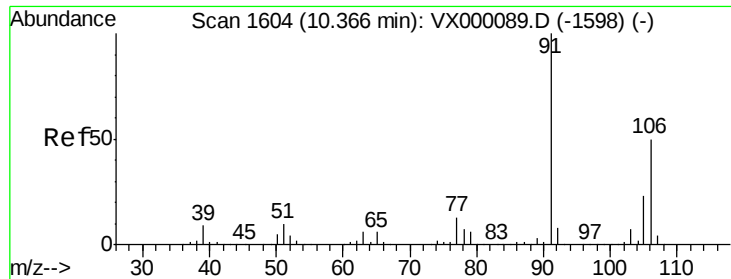
Tot Ion:117 Resp: 127749
Ion Ratio Lower Upper
117 100
82 56.7 41.0 61.6
119 31.8 25.5 38.3



#67
Ethyl Benzene
Concen: 1.82 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.01 min
Lab File: VX000170.D
Acq: 28 Feb 2018 16:37

Tgt Ion: 91 Resp: 8225
Ion Ratio Lower Upper
91 100
106 27.5 25.8 38.6

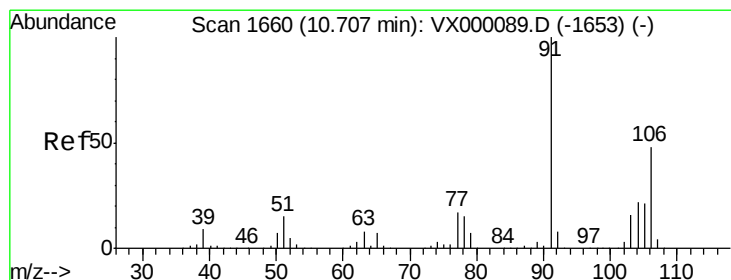
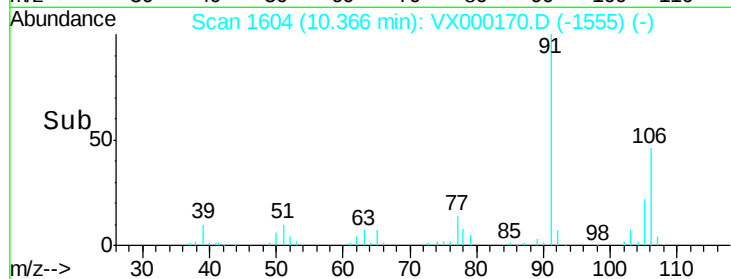
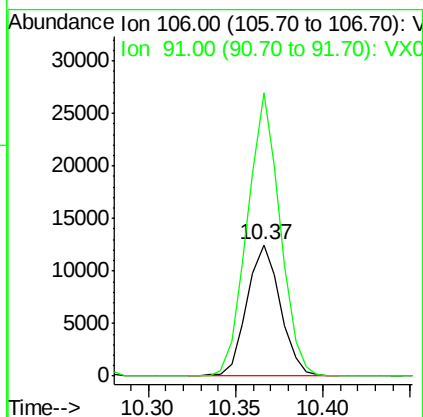
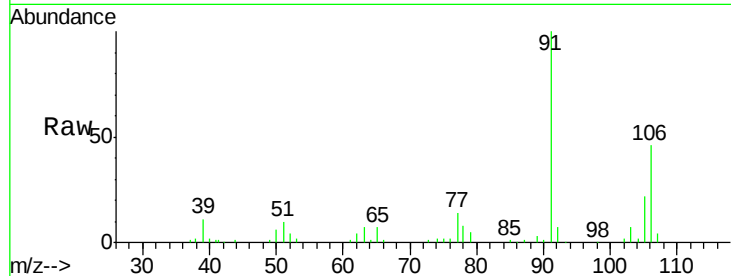




#68
m/p-Xylenes
Concen: 9.28 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000170.D
Acq: 28 Feb 2018 16:37

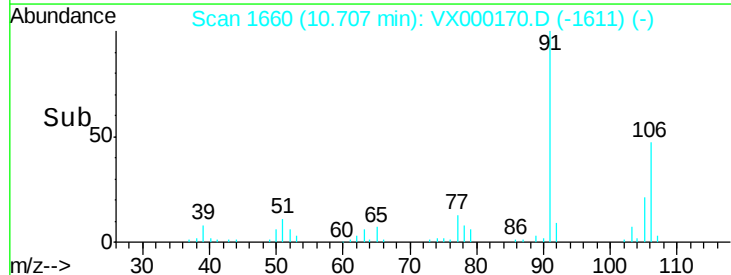
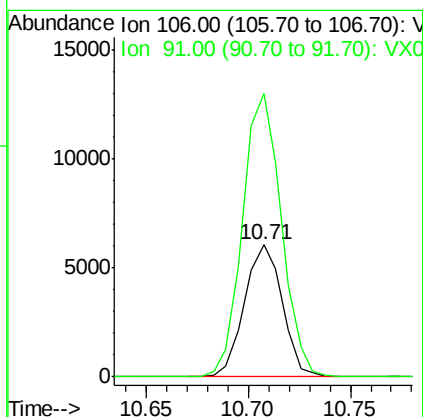
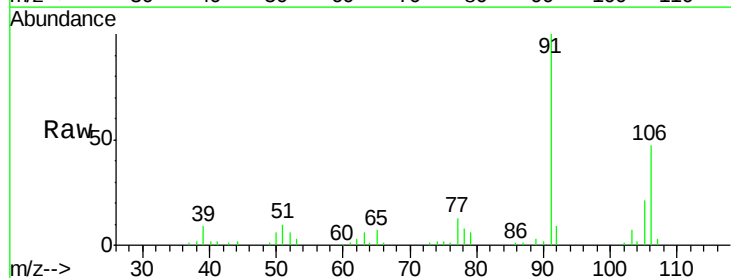
Instrument :
MSVOA_X
ClientSampleId :
RFK-RMAB-MW13-GW

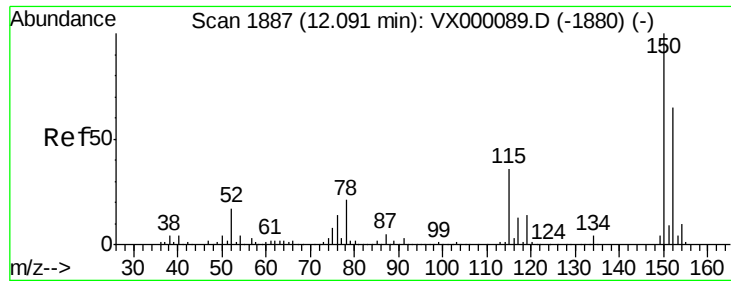
Tot Ion:106 Resp: 16638
Ion Ratio Lower Upper
106 100
91 211.0 159.1 238.7



#69
o-Xylene
Concen: 4.52 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000170.D
Acq: 28 Feb 2018 16:37

Tgt Ion:106 Resp: 7812
Ion Ratio Lower Upper
106 100
91 220.2 103.8 311.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.01 min

Lab File: VX000170.D

Acq: 28 Feb 2018 16:37

Instrument :

MSVOA_X

ClientSampleId :

RFK-RMAB-MW13-GW

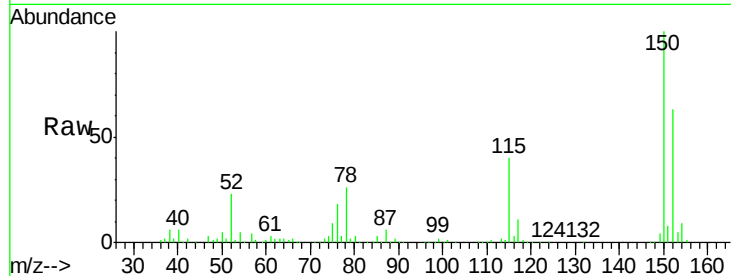
Tot Ion:152 Resp: 66845

Ion Ratio Lower Upper

152 100

115 59.8 39.1 117.2

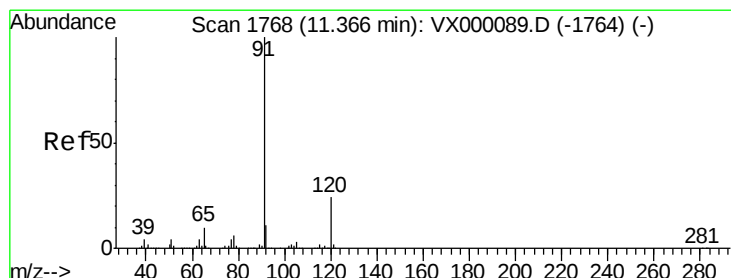
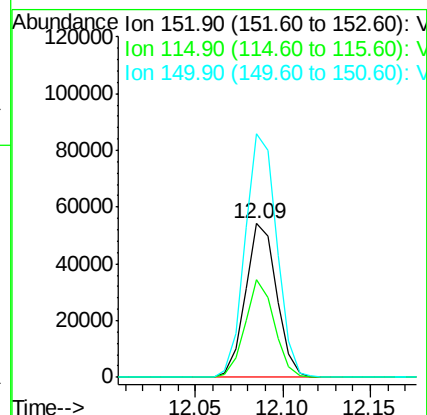
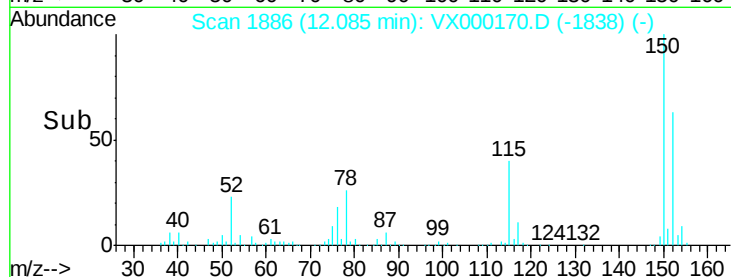
150 162.0 0.0 348.2



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: 0.70 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000170.D

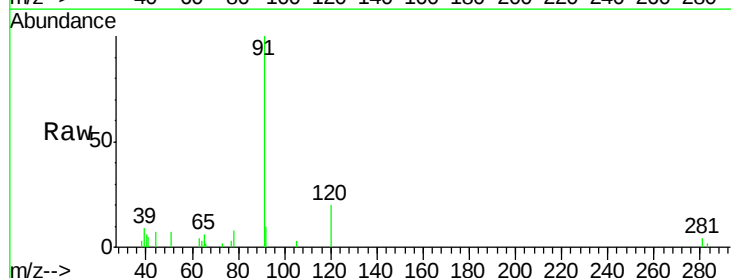
Acq: 28 Feb 2018 16:37

Tgt Ion: 91 Resp: 3502

Ion Ratio Lower Upper

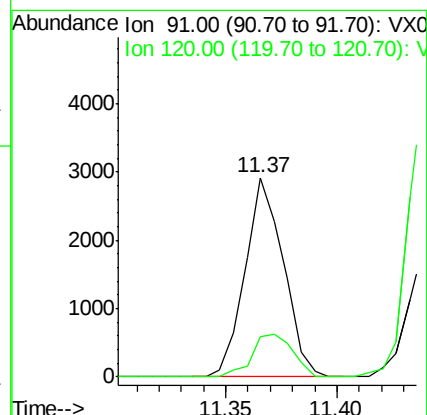
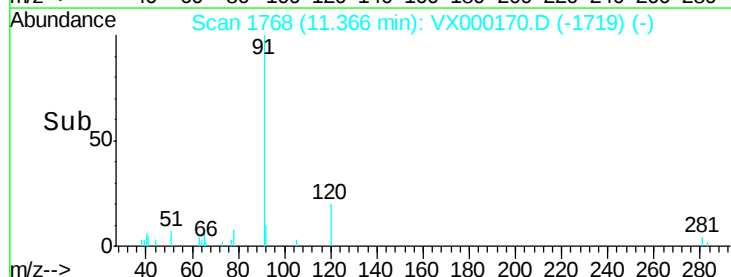
91 100

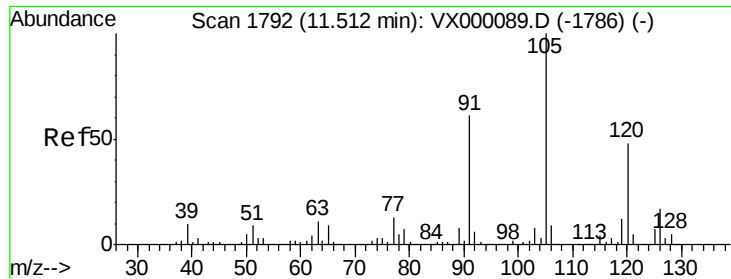
120 22.8 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#80

1,3,5-Trimethylbenzene

Concen: 2.32 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000170.D

Acq: 28 Feb 2018 16:37

Instrument :

MSVOA_X

ClientSampleId :

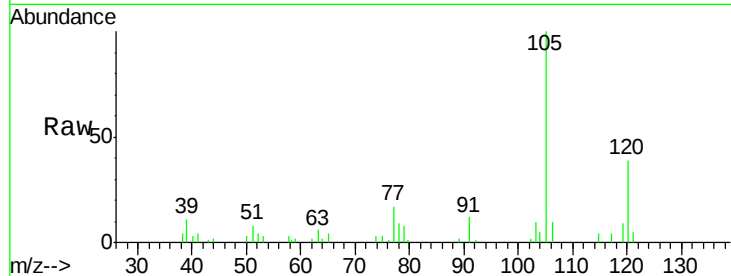
RFK-RMAB-MW13-GW

Tot Ion:105 Resp: 8303

Ion Ratio Lower Upper

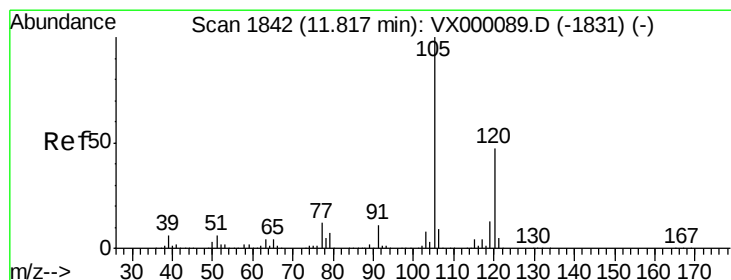
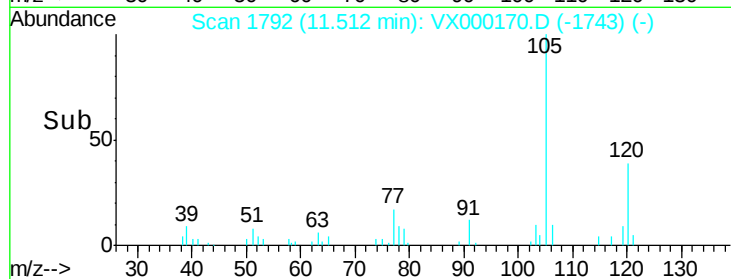
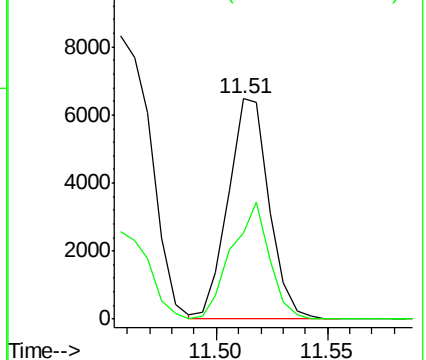
105 100

120 49.0 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#84

1,2,4-Trimethylbenzene

Concen: 6.41 ug/l

RT: 11.82 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX000170.D

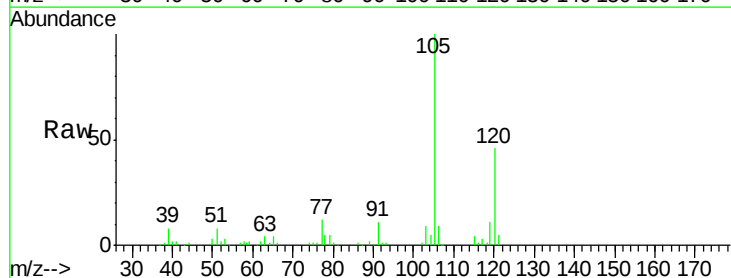
Acq: 28 Feb 2018 16:37

Tgt Ion:105 Resp: 23824

Ion Ratio Lower Upper

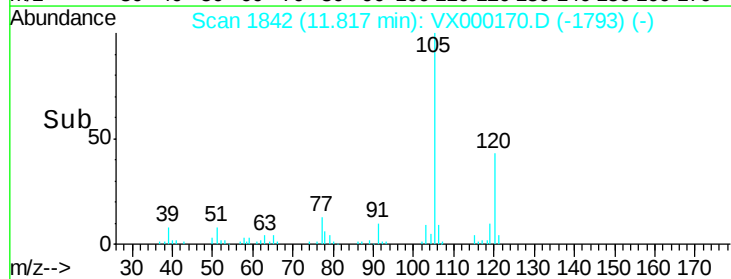
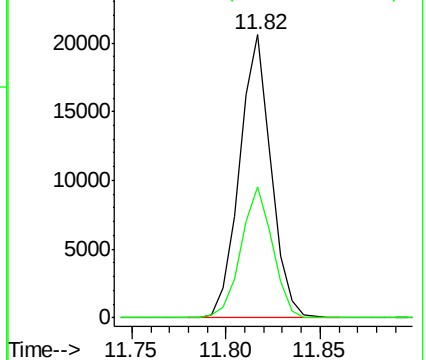
105 100

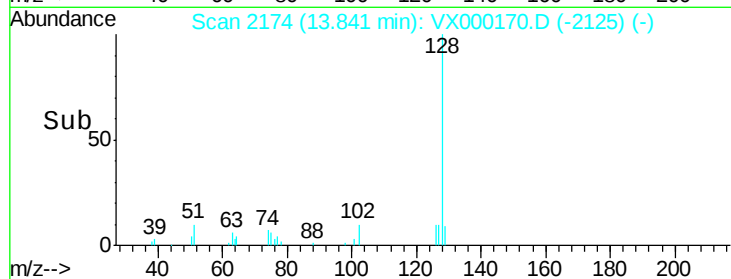
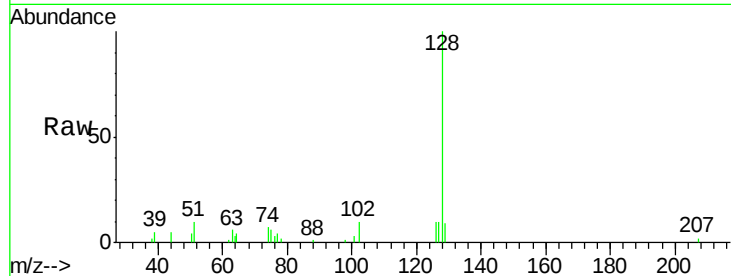
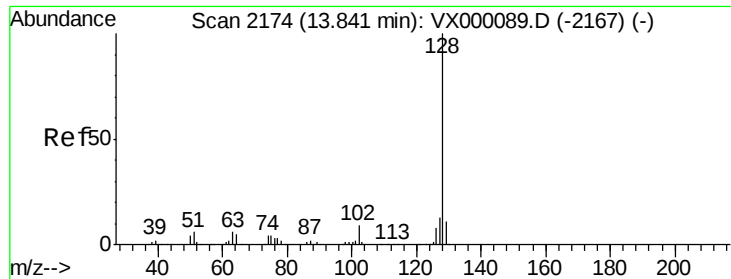
120 45.9 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 1.03 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000170.D

Acq: 28 Feb 2018 16:37

Instrument :

MSVOA_X

ClientSampleId :

RFK-RMAB-MW13-GW

Tot Ion:128 Resp: 5695

Ion Ratio Lower Upper

128 100

127 11.5 10.4 15.6

129 10.2 8.7 13.1

