

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX031518\
 Data File : VX000329.D
 Acq On : 15 Mar 2018 15:28
 Operator : JC/MD
 Sample : J1808-01DL 50X
 Misc : 5.32g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-04-12-13DL

Quant Time: Mar 16 03:06:02 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X031418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 15 03:39:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	98629	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	165153	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	159890	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	84952	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	64975	47.62	ug/l	0.00
Spiked Amount			Recovery	=	95.24%	
35) Dibromofluoromethane	5.51	113	50744	48.70	ug/l	0.00
Spiked Amount			Recovery	=	97.40%	
50) Toluene-d8	8.73	98	207718	47.79	ug/l	0.00
Spiked Amount			Recovery	=	95.58%	
62) 4-Bromofluorobenzene	11.15	95	73900	42.39	ug/l	0.00
Spiked Amount			Recovery	=	84.78%	

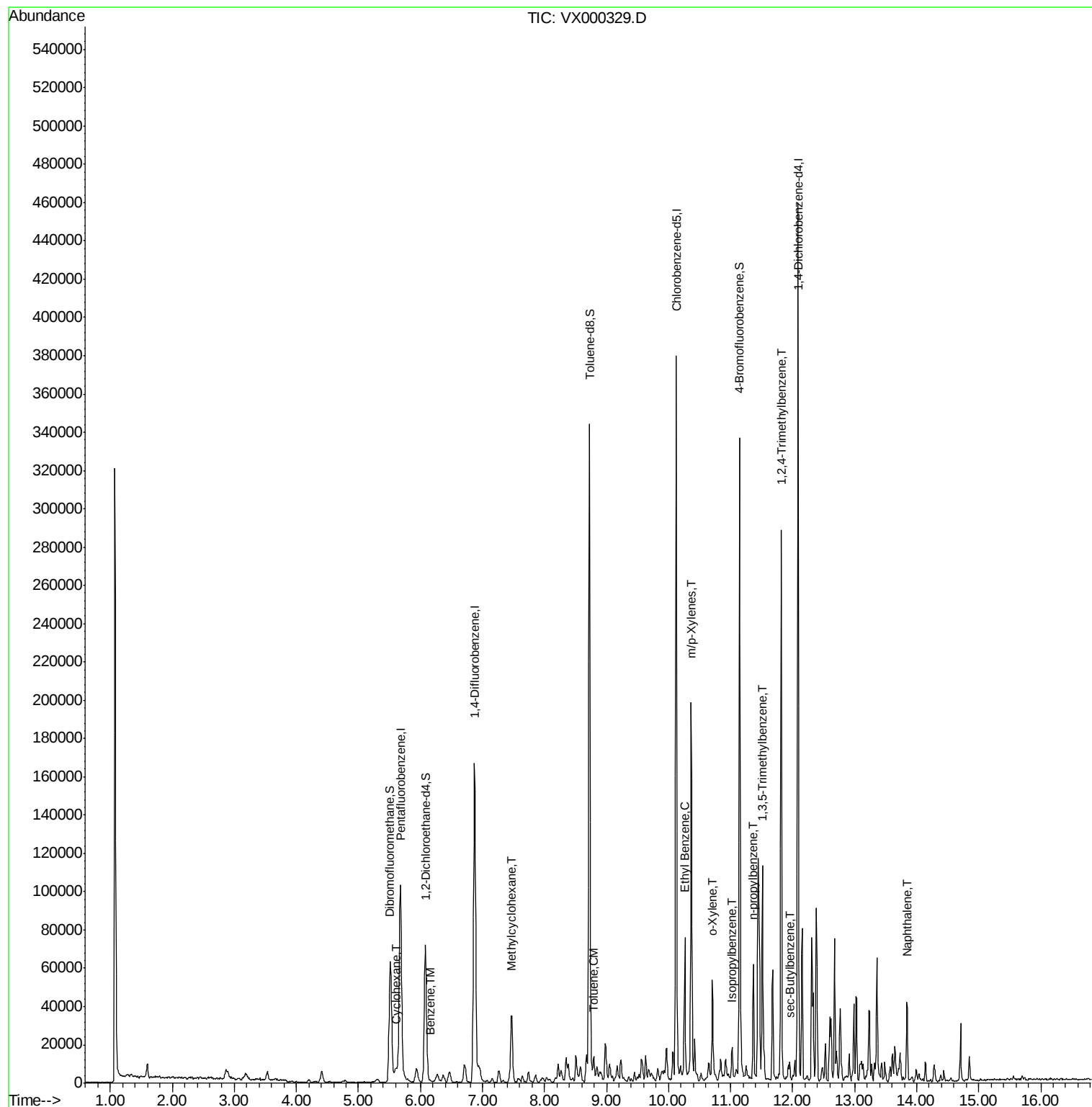
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	5.60	56	4640	3.01	ug/l	# 76
39) Methylcyclohexane	7.48	83	15279	8.73	ug/l	98
40) Benzene	6.17	78	1162	0.27	ug/l	# 88
52) Toluene	8.79	92	3620	1.21	ug/l	100
67) Ethyl Benzene	10.26	91	42240	7.61	ug/l	98
68) m/p-Xylenes	10.37	106	44203	20.44	ug/l	99
69) o-Xylene	10.71	106	10765	5.12	ug/l	95
73) Isopropylbenzene	11.02	105	8185	1.60	ug/l	97
78) n-propylbenzene	11.37	91	36171	5.86	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	45907	10.53	ug/l	97
84) 1,2,4-Trimethylbenzene	11.82	105	119528	26.67	ug/l	100
85) sec-Butylbenzene	11.95	105	3850	0.72	ug/l	# 56
95) Naphthalene	13.84	128	24938	3.91	ug/l	98

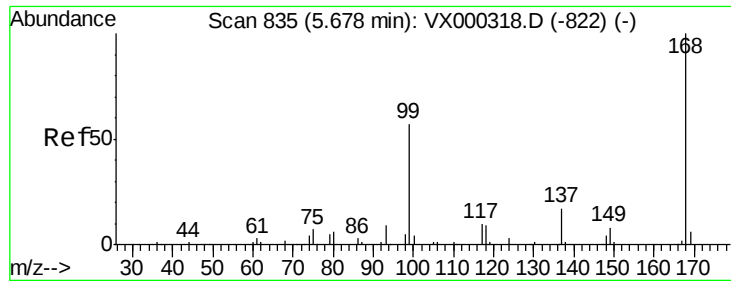
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Mar 15 03:39:21 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: VX000329.D

Acq: 15 Mar 2018 15:28

Instrument :

MSVOA_X

ClientSampleId :

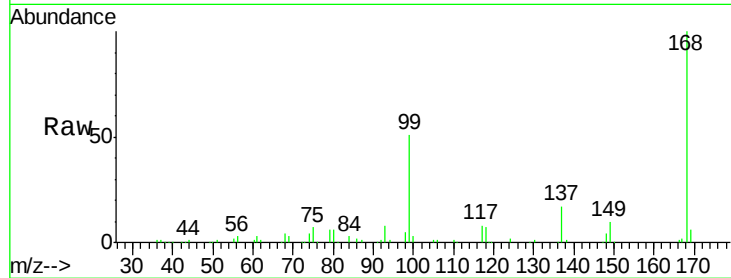
SB-04-12-13DL

Tot Ion:168 Resp: 98629

Ion Ratio Lower Upper

168 100

99 50.7 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

40000

30000

20000

10000

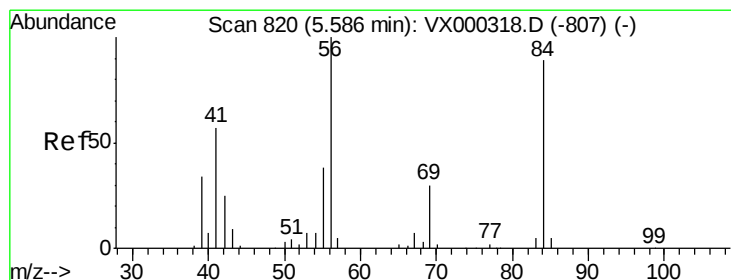
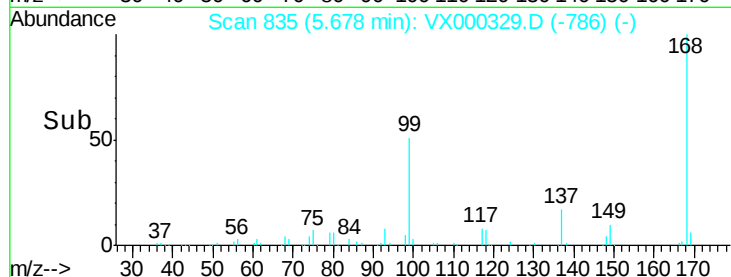
0

Time-->

5.60

5.70

5.80



#31

Cyclohexane

Concen: 3.01 ug/l

RT: 5.60 min Scan# 822

Delta R.T. 0.01 min

Lab File: VX000329.D

Acq: 15 Mar 2018 15:28

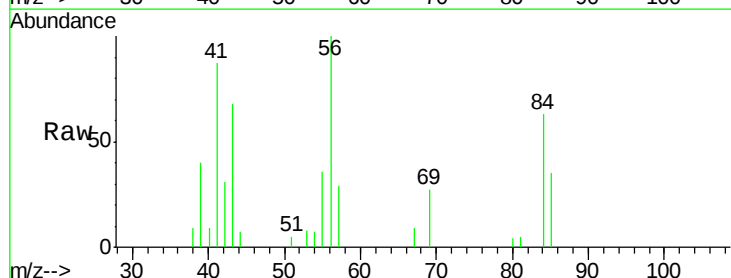
Tgt Ion: 56 Resp: 4640

Ion Ratio Lower Upper

56 100

69 22.3 23.4 35.0#

84 63.2 71.0 106.4#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

1500

1000

500

0

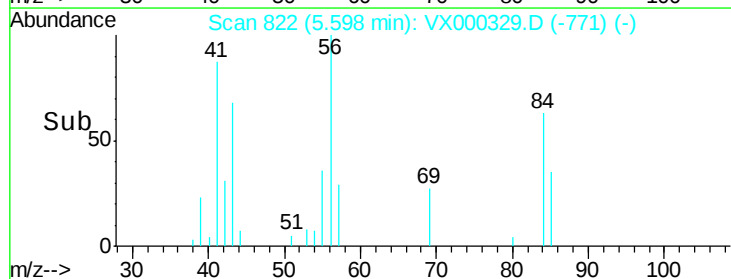
Time-->

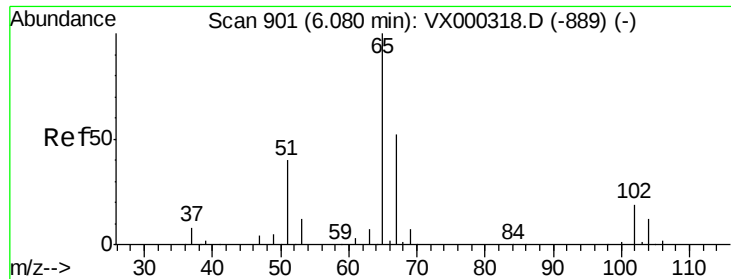
5.50

5.55

5.60

5.65

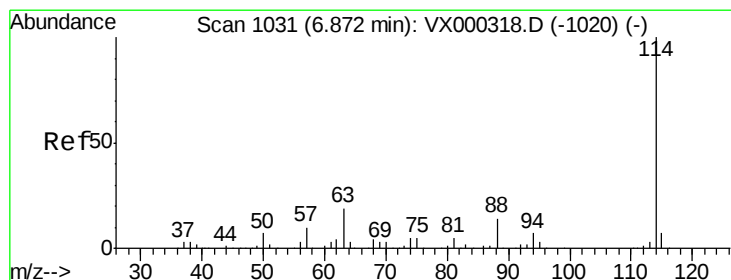
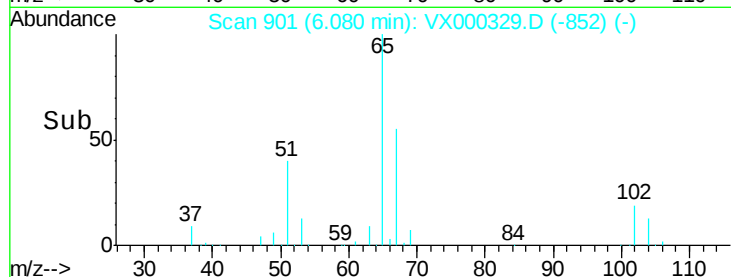
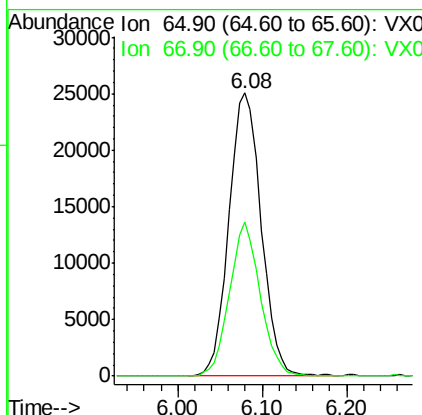
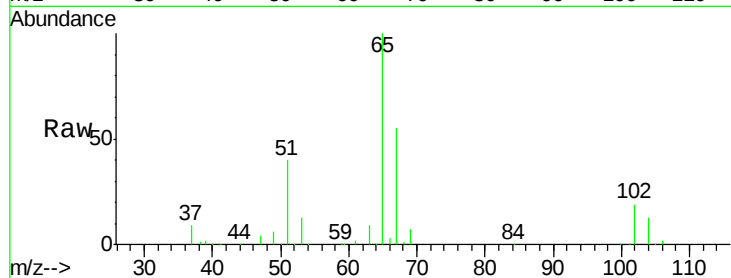




#33
 1,2-Dichloroethane-d4
 Concen: 47.62 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: VX000329.D
 Acq: 15 Mar 2018 15:28

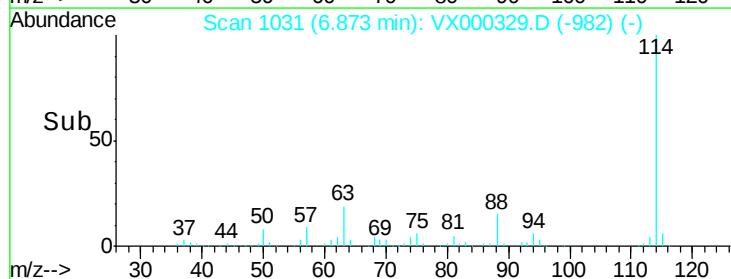
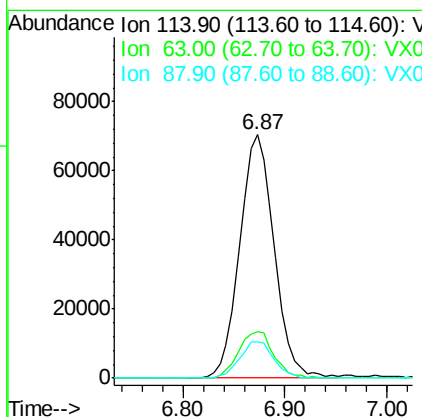
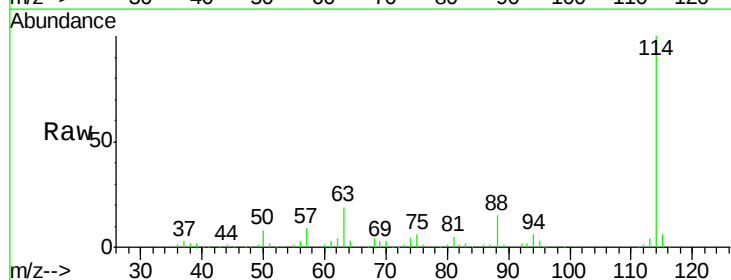
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-04-12-13DL

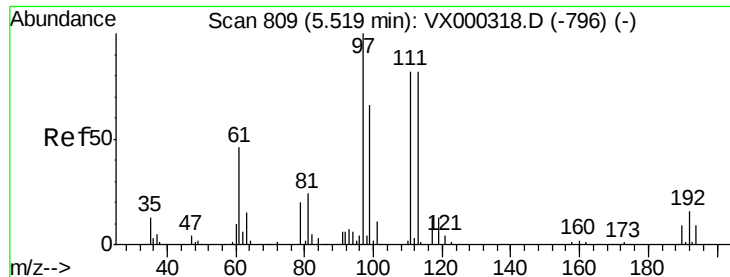
Tot Ion: 65 Resp: 64975
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000329.D
 Acq: 15 Mar 2018 15:28

Tgt Ion: 114 Resp: 165153
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 38.4
 88 14.8 0.0 27.0

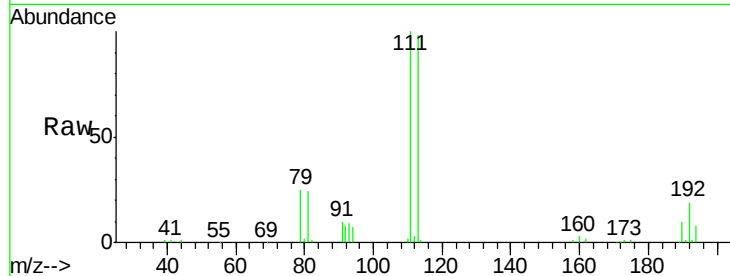




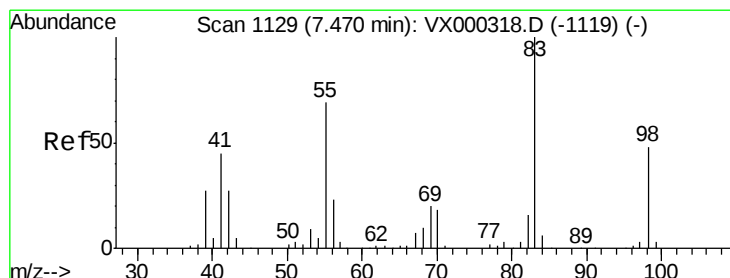
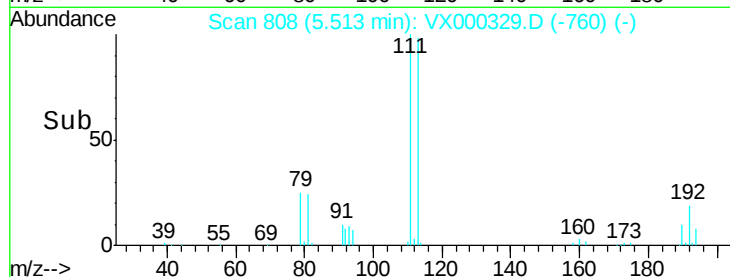
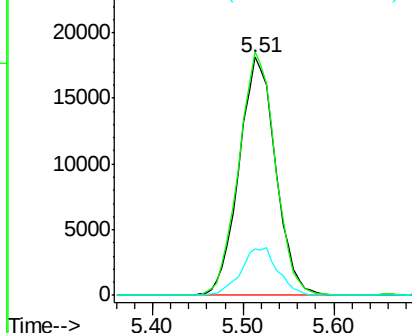
#35
Dibromofluoromethane
Concen: 48.70 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.01 min
Lab File: VX000329.D
Acq: 15 Mar 2018 15:28

Instrument :
MSVOA_X
ClientSampleId :
SB-04-12-13DL

Tot Ion:113 Resp: 50744
Ion Ratio Lower Upper
113 100
111 102.0 82.4 123.6
192 20.0 15.8 23.6

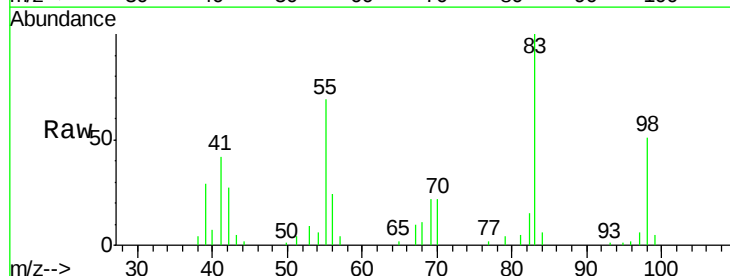


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

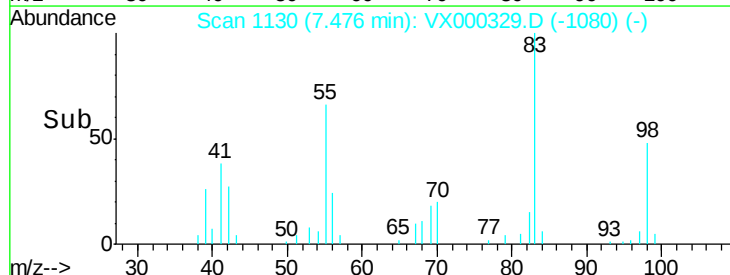
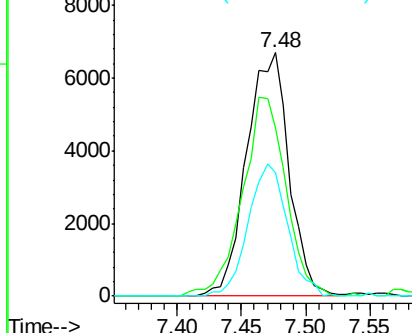


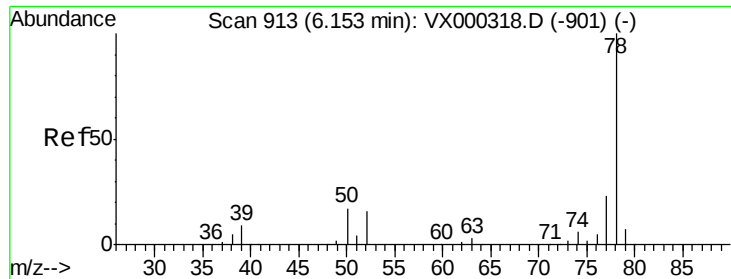
#39
Methylcyclohexane
Concen: 8.73 ug/l
RT: 7.48 min Scan# 1130
Delta R.T. 0.01 min
Lab File: VX000329.D
Acq: 15 Mar 2018 15:28

Tgt Ion: 83 Resp: 15279
Ion Ratio Lower Upper
83 100
55 68.9 55.5 83.3
98 50.7 38.2 57.4



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 0.27 ug/l

RT: 6.17 min Scan# 915

Delta R.T. 0.01 min

Lab File: VX000329.D

Acq: 15 Mar 2018 15:28

Instrument :

MSVOA_X

ClientSampleId :

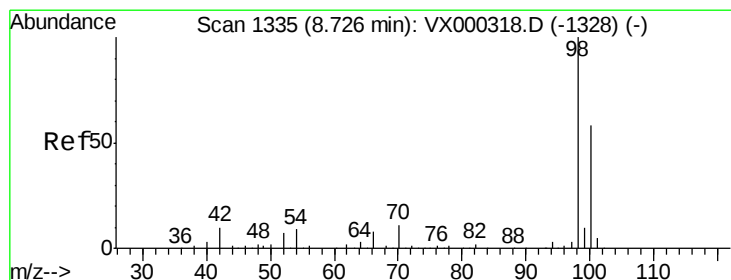
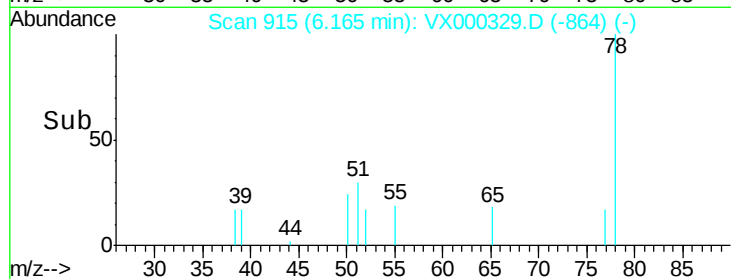
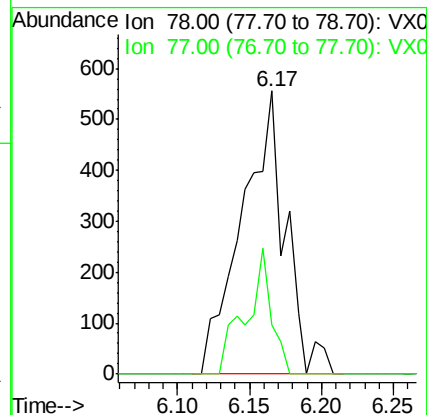
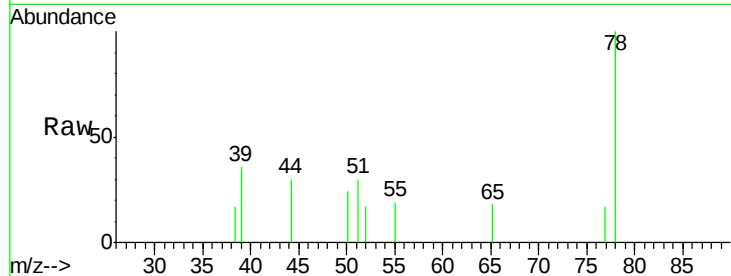
SB-04-12-13DL

Tot Ion: 78 Resp: 1162

Ion Ratio Lower Upper

78 100

77 17.4 18.7 28.1#



#50

Toluene-d8

Concen: 47.79 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VX000329.D

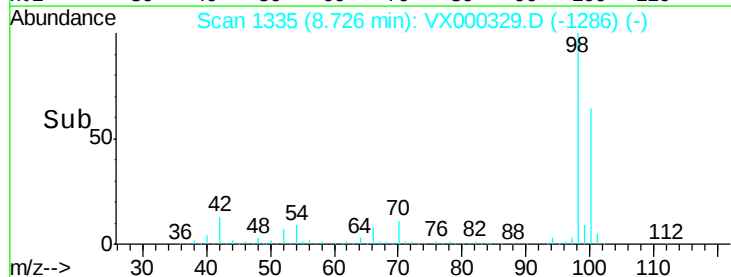
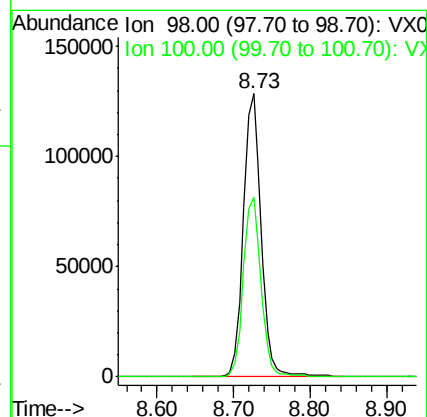
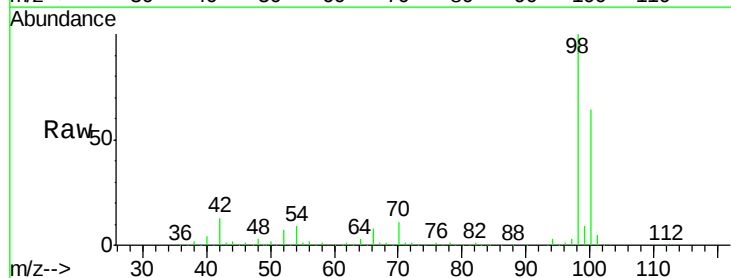
Acq: 15 Mar 2018 15:28

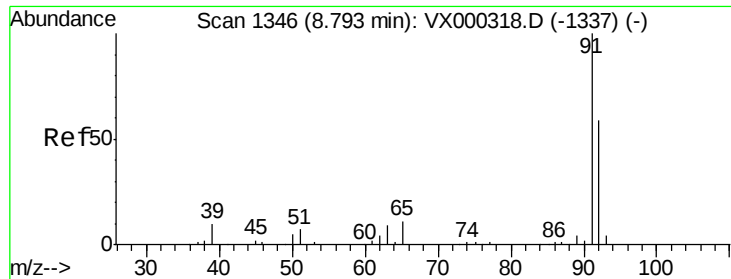
Tgt Ion: 98 Resp: 207718

Ion Ratio Lower Upper

98 100

100 63.2 51.2 76.8





#52

Toluene

Concen: 1.21 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000329.D

Acq: 15 Mar 2018 15:28

Instrument :

MSVOA_X

ClientSampleId :

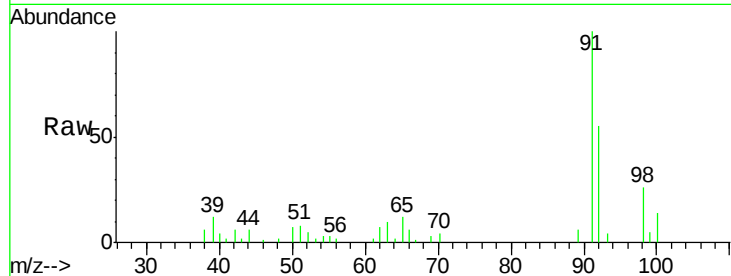
SB-04-12-13DL

Tot Ion: 92 Resp: 3620

Ion Ratio Lower Upper

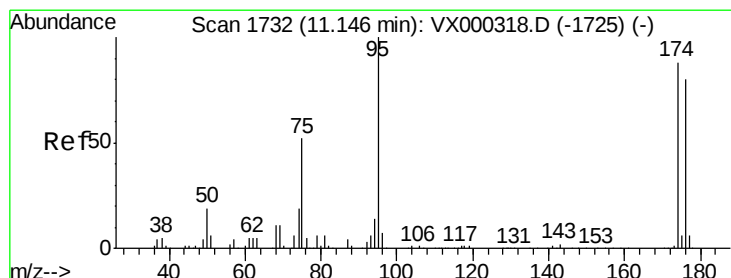
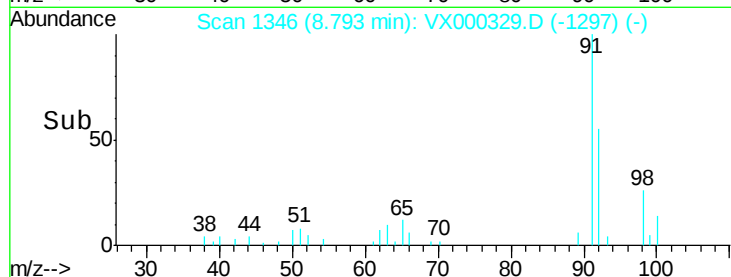
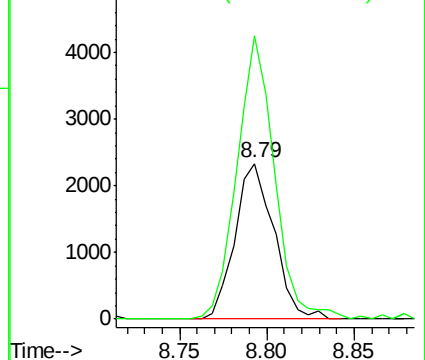
92 100

91 174.5 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 42.39 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000329.D

Acq: 15 Mar 2018 15:28

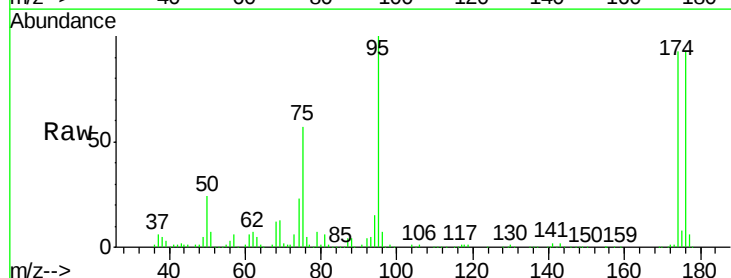
Tgt Ion: 95 Resp: 73900

Ion Ratio Lower Upper

95 100

174 88.3 0.0 173.6

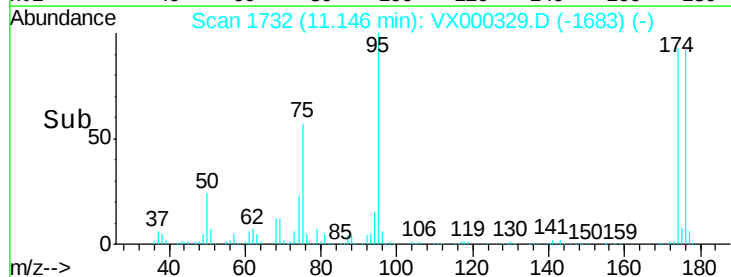
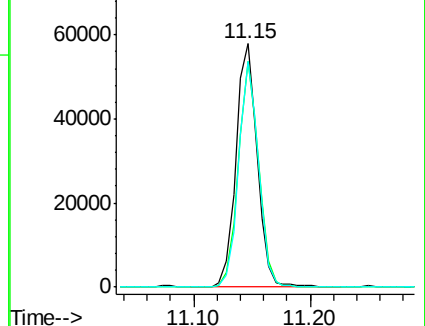
176 86.7 0.0 164.6

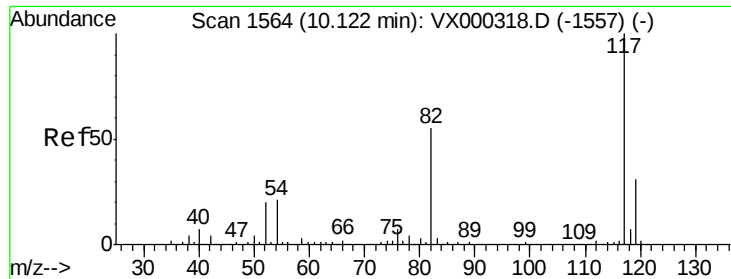


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

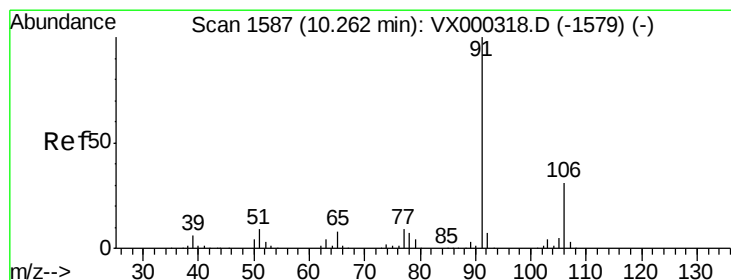
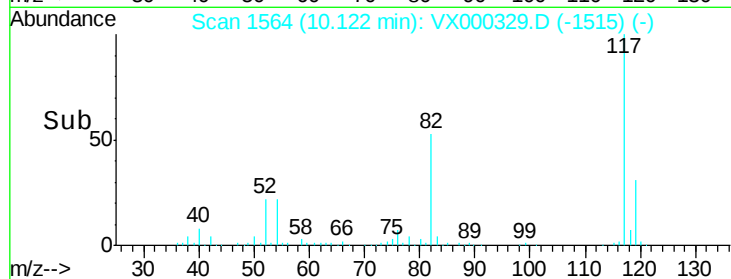
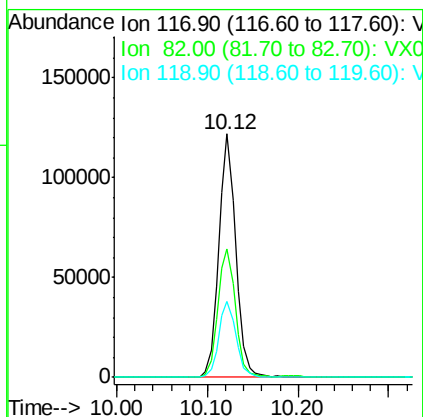
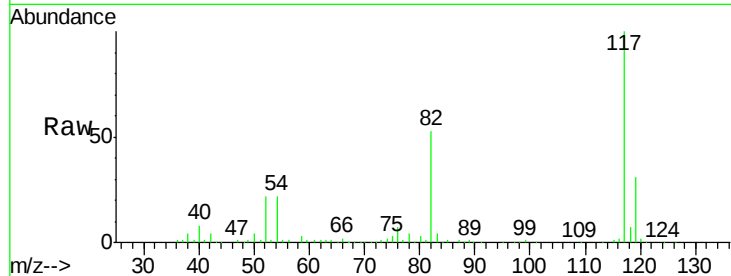




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000329.D
Acq: 15 Mar 2018 15:28

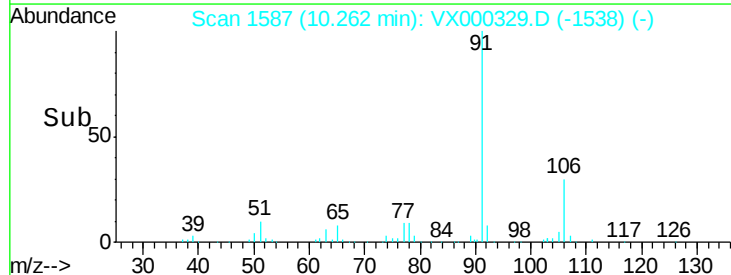
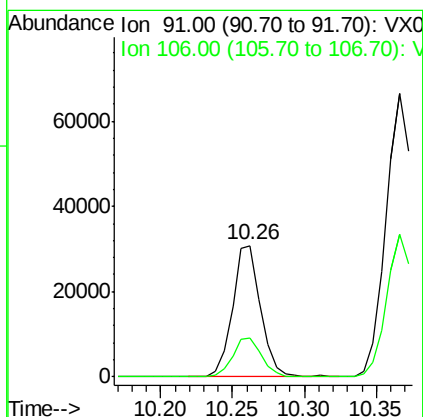
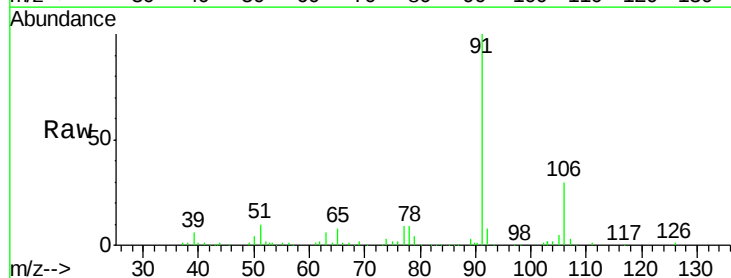
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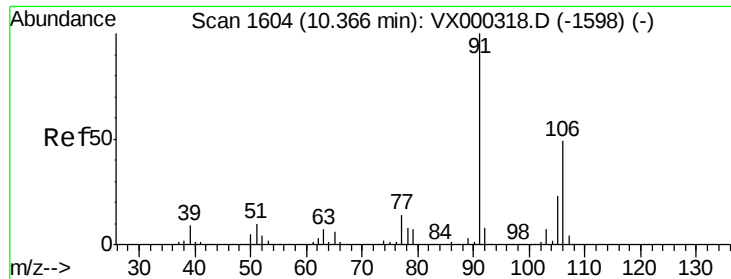
Tot Ion:117 Resp: 159890
Ion Ratio Lower Upper
117 100
82 52.6 43.8 65.8
119 31.2 24.9 37.3



#67
Ethyl Benzene
Concen: 7.61 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. 0.00 min
Lab File: VX000329.D
Acq: 15 Mar 2018 15:28

Tgt Ion: 91 Resp: 42240
Ion Ratio Lower Upper
91 100
106 30.1 25.0 37.6

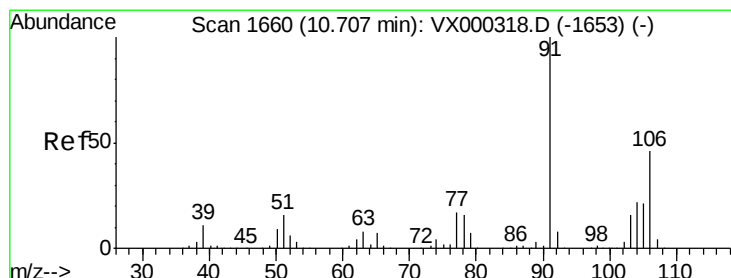
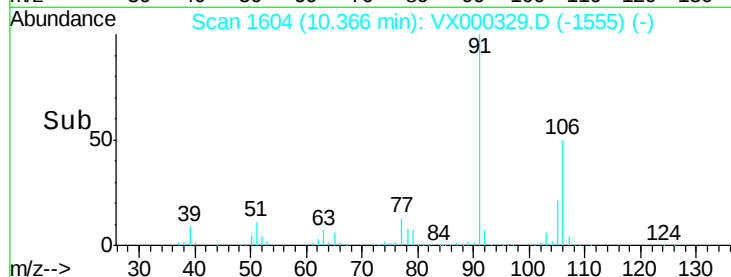
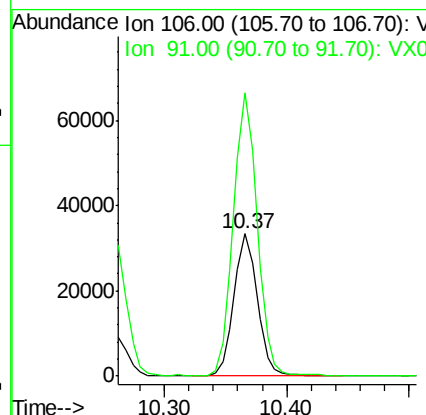
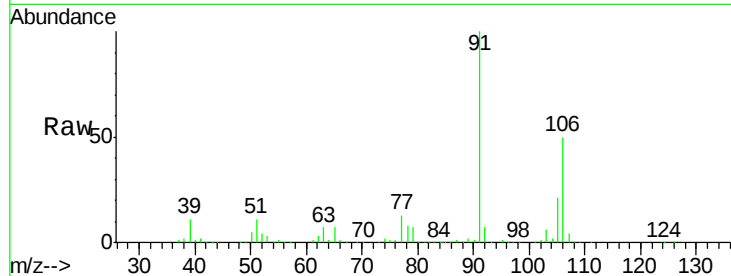




#68
m/p-Xvlenes
Concen: 20.44 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000329.D
Acq: 15 Mar 2018 15:28

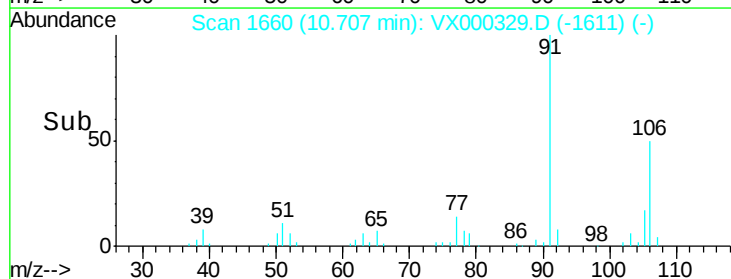
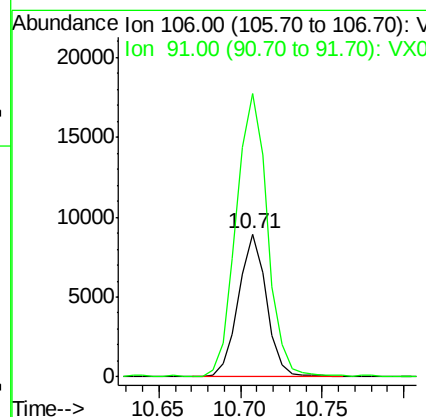
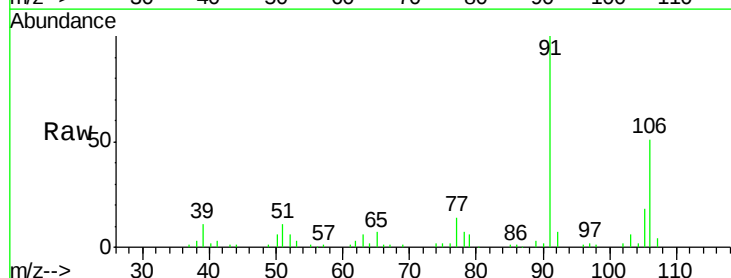
Instrument :
MSVOA_X
ClientSampled :
SB-04-12-13DL

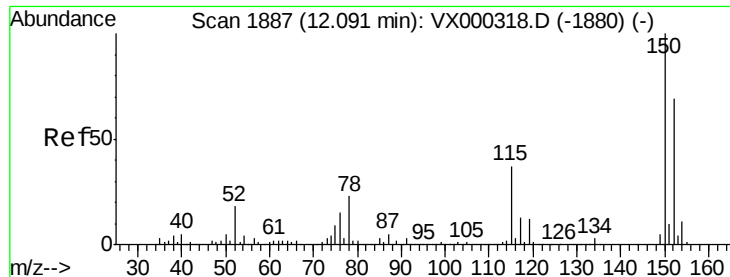
Tot Ion:106 Resp: 44203
Ion Ratio Lower Upper
106 100
91 202.3 163.4 245.2



#69
o-Xylene
Concen: 5.12 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000329.D
Acq: 15 Mar 2018 15:28

Tgt Ion:106 Resp: 10765
Ion Ratio Lower Upper
106 100
91 220.8 106.5 319.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.01 min

Lab File: VX000329.D

Acq: 15 Mar 2018 15:28

Instrument :

MSVOA_X

ClientSampleId :

SB-04-12-13DL

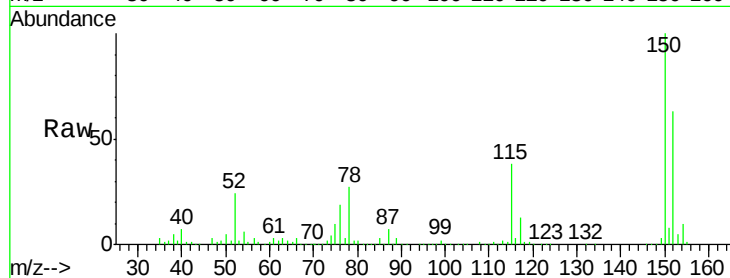
Tot Ion:152 Resp: 84952

Ion Ratio Lower Upper

152 100

115 58.4 39.8 119.3

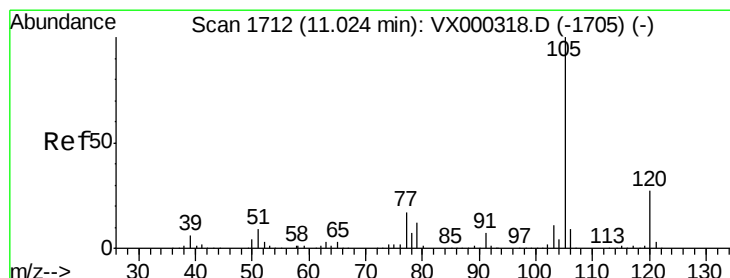
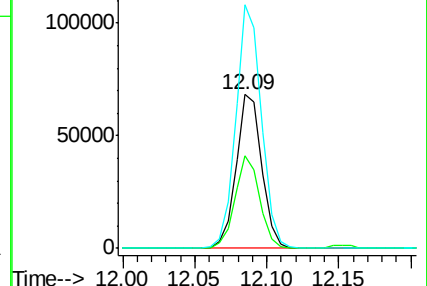
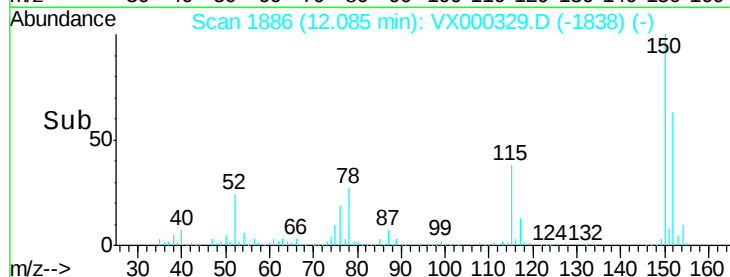
150 158.0 0.0 344.4



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: 1.60 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX000329.D

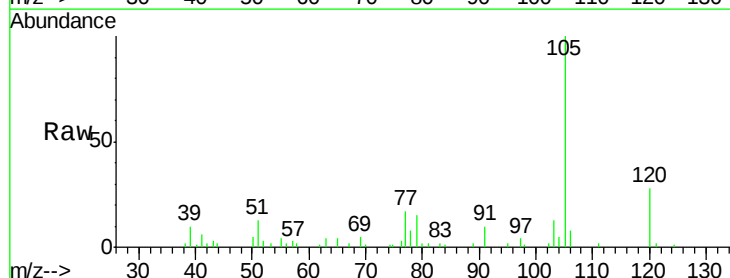
Acq: 15 Mar 2018 15:28

Tgt Ion:105 Resp: 8185

Ion Ratio Lower Upper

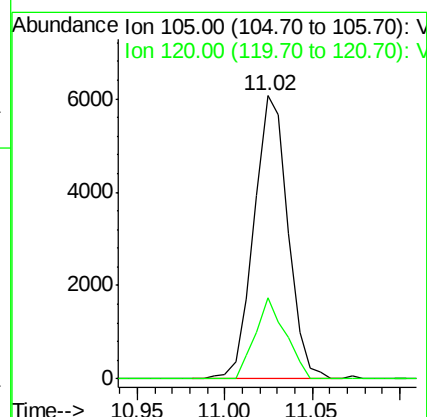
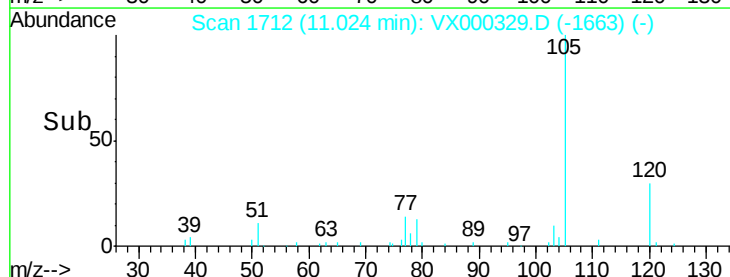
105 100

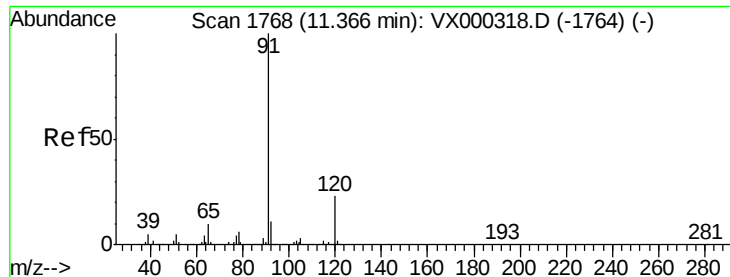
120 25.4 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 5.86 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX000329.D

Acq: 15 Mar 2018 15:28

Instrument :

MSVOA_X

ClientSampleId :

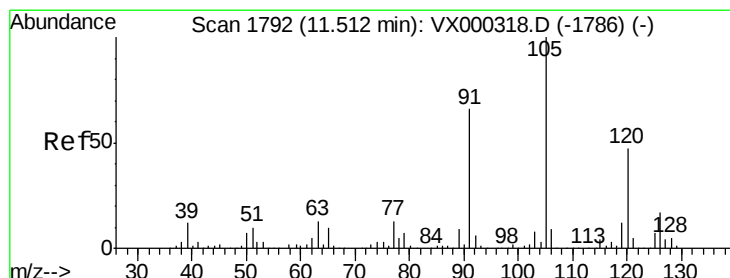
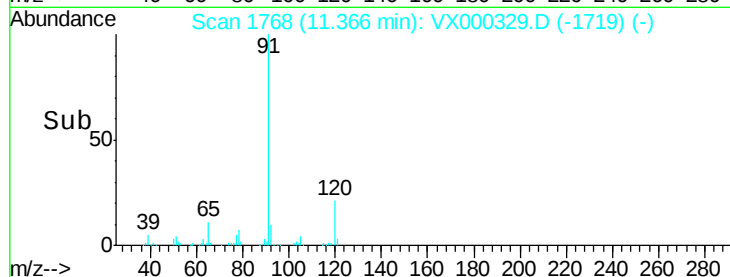
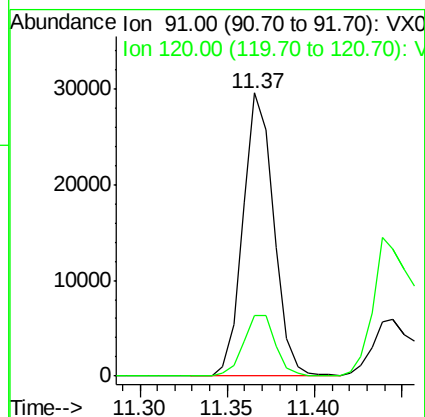
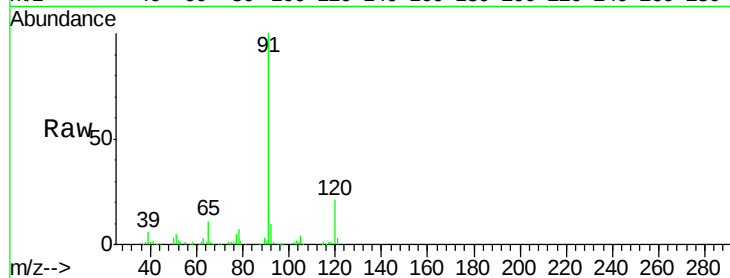
SB-04-12-13DL

Tot Ion: 91 Resp: 36171

Ion Ratio Lower Upper

91 100

120 22.4 11.8 35.3



#80

1,3,5-Trimethylbenzene

Concen: 10.53 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX000329.D

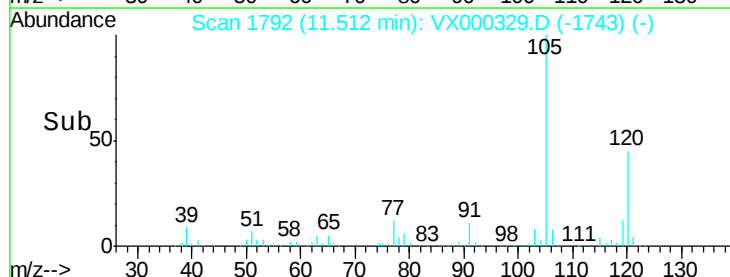
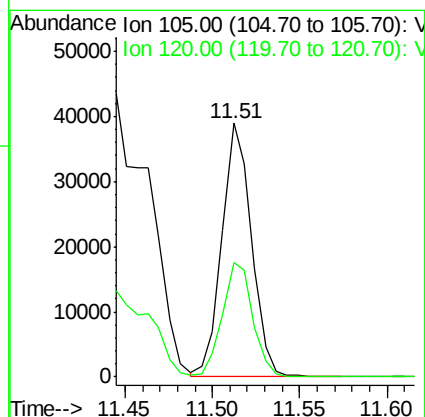
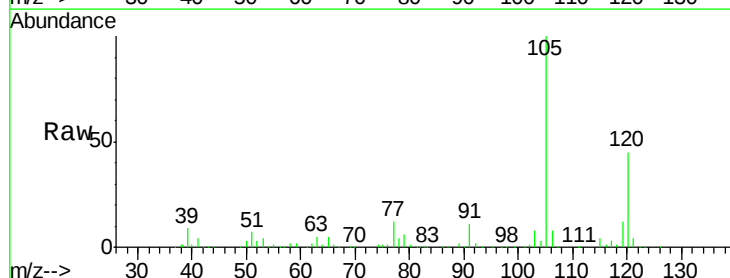
Acq: 15 Mar 2018 15:28

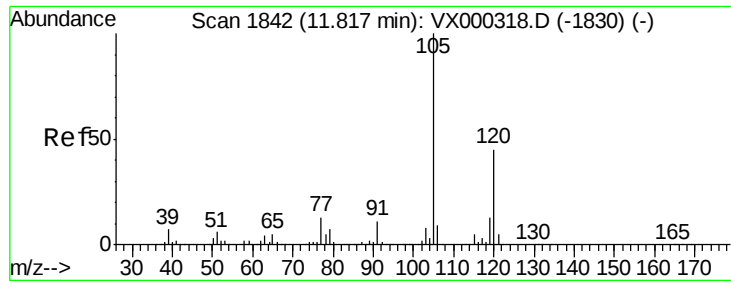
Tgt Ion: 105 Resp: 45907

Ion Ratio Lower Upper

105 100

120 46.4 24.1 72.4





#84

1,2,4-Trimethylbenzene

Concen: 26.67 ug/l

RT: 11.82 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX000329.D

Acq: 15 Mar 2018 15:28

Instrument :

MSVOA_X

ClientSampleId :

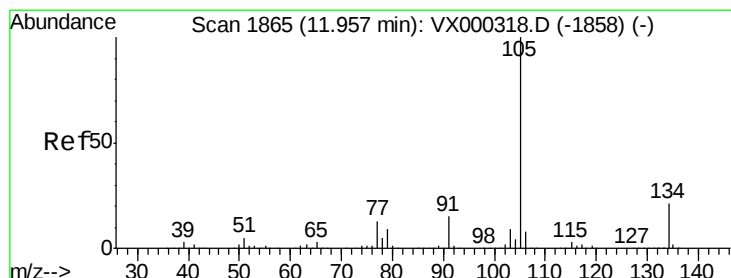
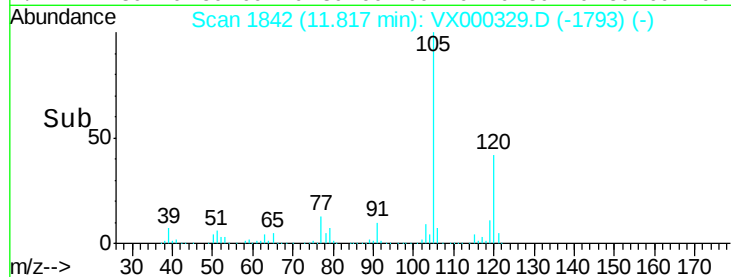
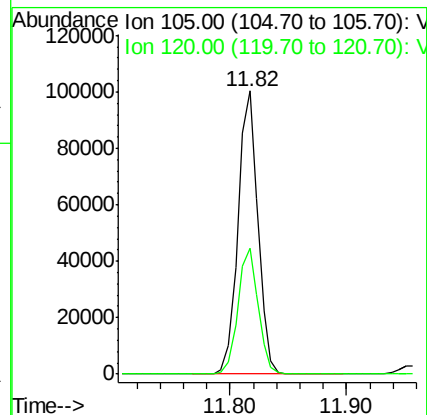
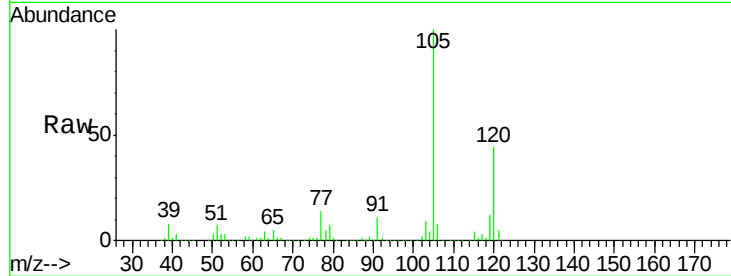
SB-04-12-13DL

Tot Ion:105 Resp: 119528

Ion Ratio Lower Upper

105 100

120 45.1 22.4 67.3



#85

sec-Butylbenzene

Concen: 0.72 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.01 min

Lab File: VX000329.D

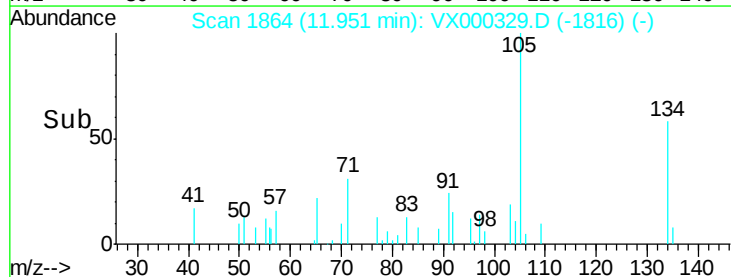
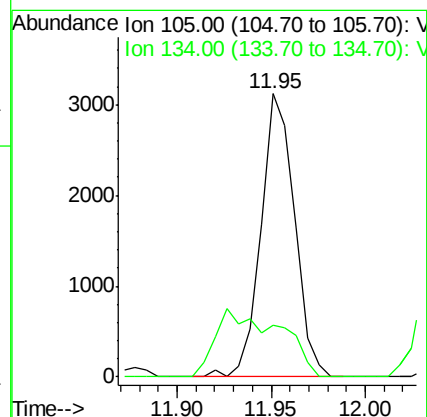
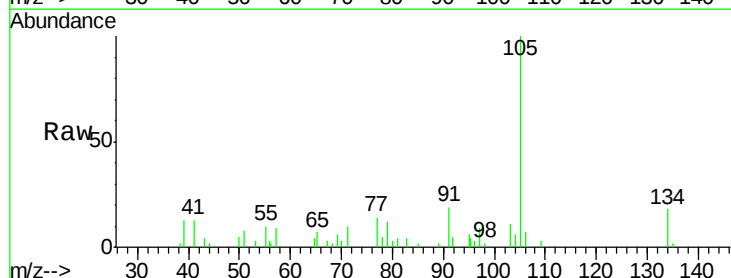
Acq: 15 Mar 2018 15:28

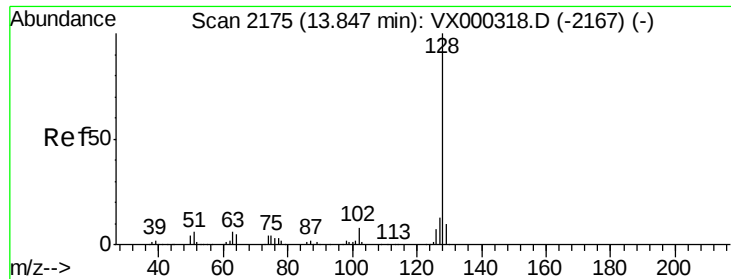
Tgt Ion:105 Resp: 3850

Ion Ratio Lower Upper

105 100

134 0.0 10.3 30.8#

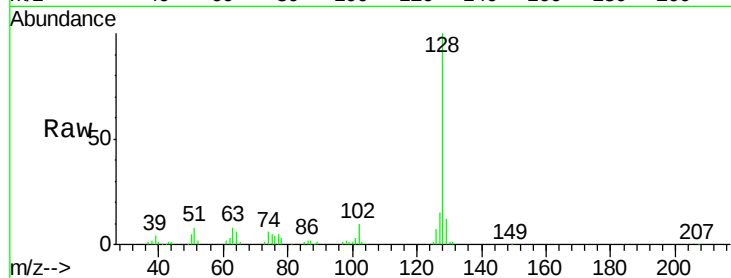




#95
Naphthalene
Concen: 3.91 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.01 min
Lab File: VX000329.D
Acq: 15 Mar 2018 15:28

Instrument :
MSVOA_X
ClientSampleId :
SB-04-12-13DL

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.6	15.8
129	12.1	8.9	13.3



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

