

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070318\
 Data File : VX003155.D
 Acq On : 03 Jul 2018 18:06
 Operator : JC/MD
 Sample : J3754-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S10-0144

Quant Time: Jul 05 09:41:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	269273	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	371589	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	343822	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	193743	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	171145	45.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.96%	
35) Dibromofluoromethane	5.51	113	142358	48.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.76%	
50) Toluene-d8	8.72	98	514587	47.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.78%	
62) 4-Bromofluorobenzene	11.14	95	182740	44.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.20%	

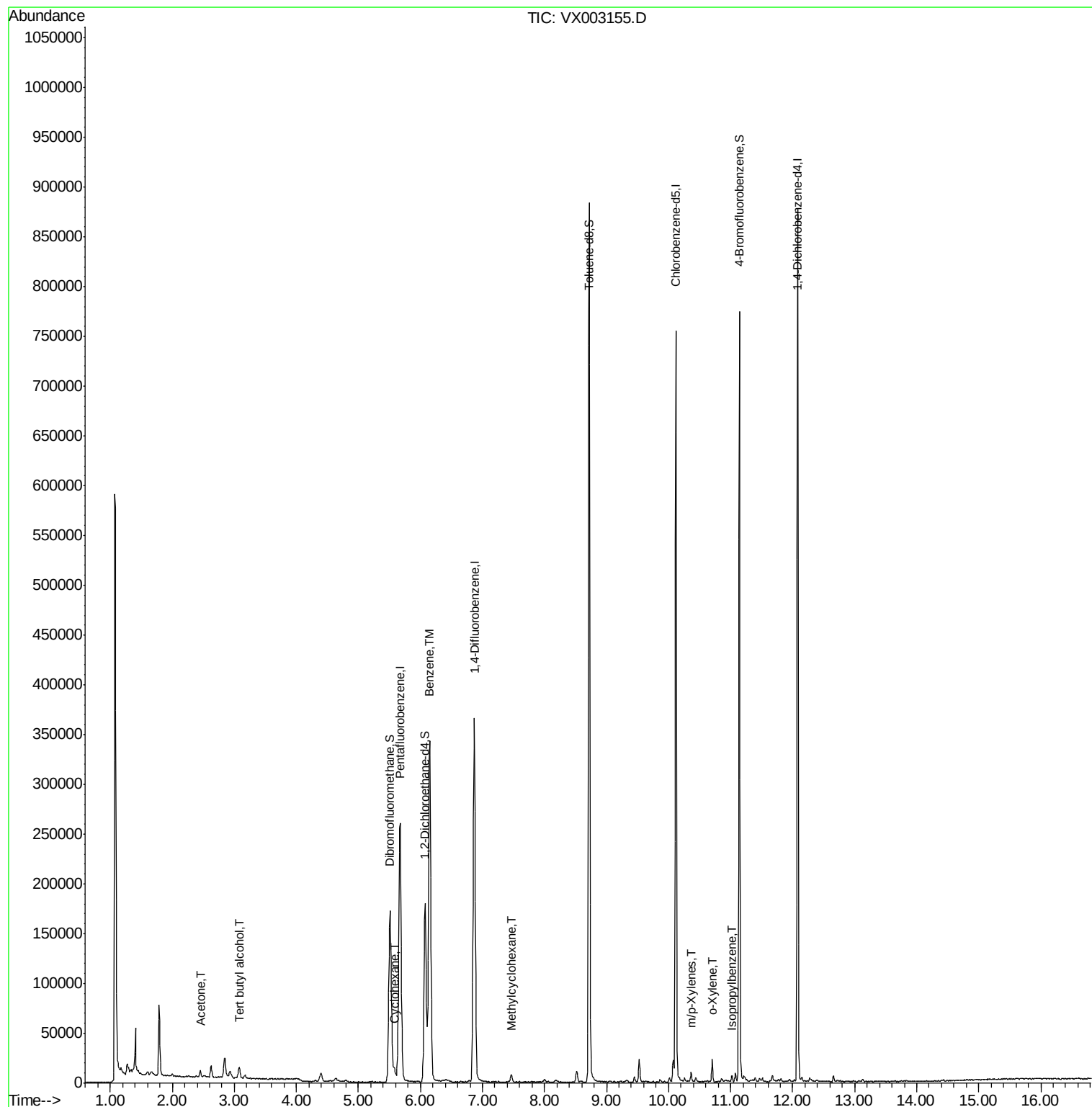
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.07	59	13626	18.378	ug/l #	92
16) Acetone	2.45	43	6996	4.539	ug/l	95
31) Cyclohexane	5.58	56	7636	1.636	ug/l	95
39) Methylcyclohexane	7.46	83	2825	0.595	ug/l	94
40) Benzene	6.15	78	405639	34.260	ug/l	99
68) m/p-Xylenes	10.37	106	2217	0.399	ug/l	95
69) o-Xylene	10.70	106	4803	0.887	ug/l	95
73) Isopropylbenzene	11.02	105	2667	0.205	ug/l	100

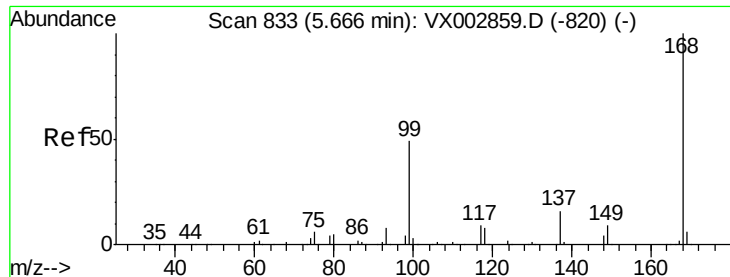
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003155.D

Acq: 03 Jul 2018 18:06

Instrument :

MSVOA_X

ClientSampleId :

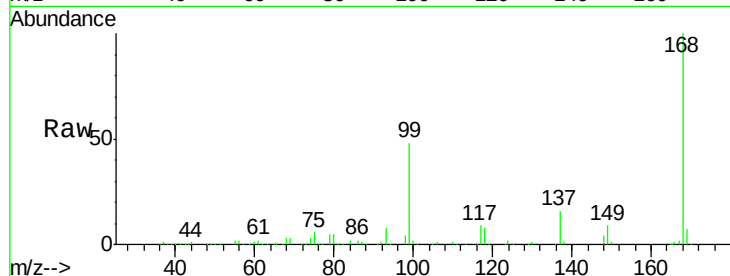
S10-0144

Tot Ion:168 Resp: 269273

Ion Ratio Lower Upper

168 100

99 47.8 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

100000

80000

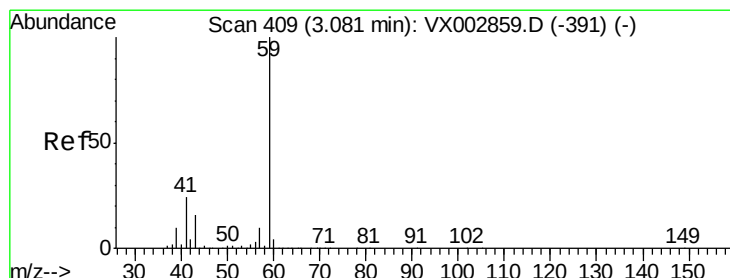
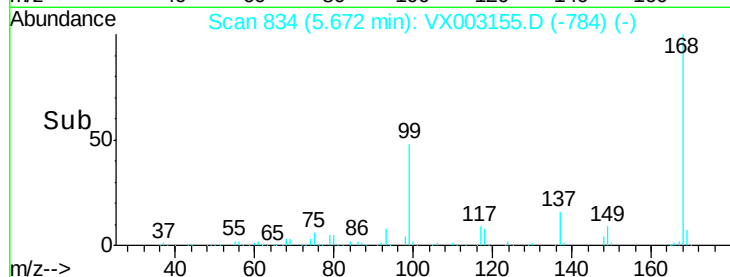
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 18.378 ug/l

RT: 3.07 min Scan# 408

Delta R.T. -0.01 min

Lab File: VX003155.D

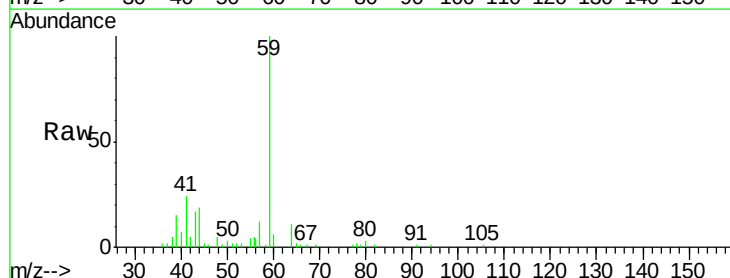
Acq: 03 Jul 2018 18:06

Tgt Ion: 59 Resp: 13626

Ion Ratio Lower Upper

59 100

57 13.1 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.07

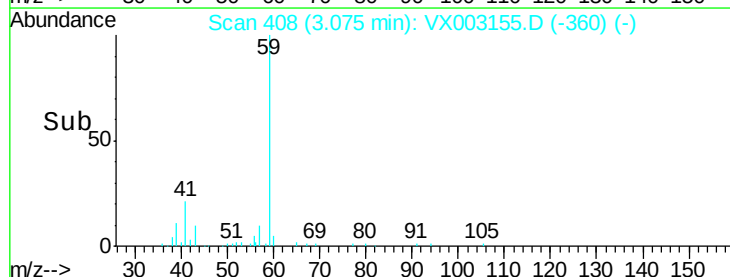
6000

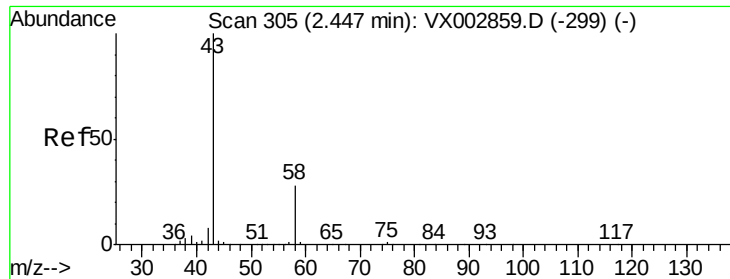
4000

2000

0

Time--> 3.00 3.10 3.20





#16

Acetone

Concen: 4.539 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX003155.D

Acq: 03 Jul 2018 18:06

Instrument :

MSVOA_X

ClientSampleId :

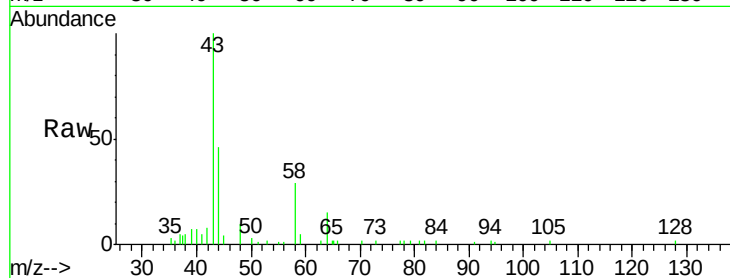
S10-0144

Tot Ion: 43 Resp: 6996

Ion Ratio Lower Upper

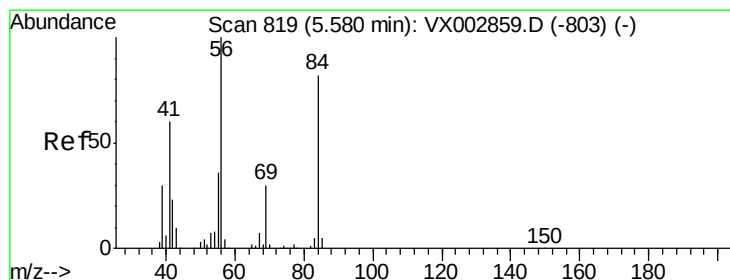
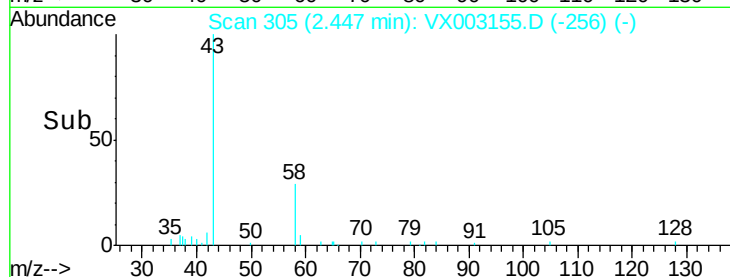
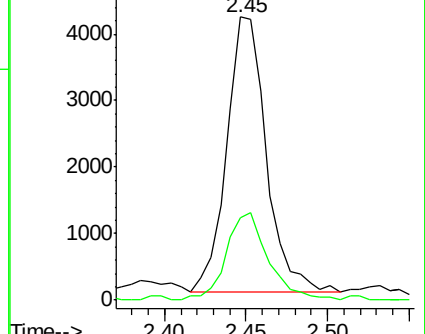
43 100

58 30.0 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#31

Cyclohexane

Concen: 1.636 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX003155.D

Acq: 03 Jul 2018 18:06

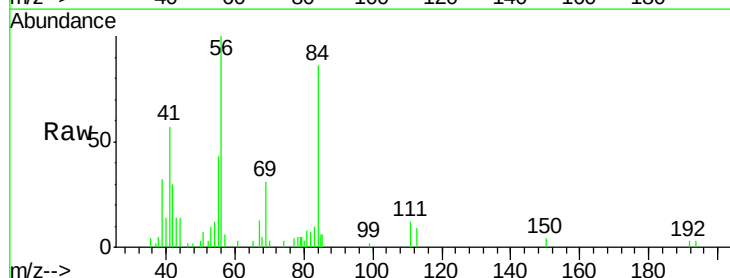
Tgt Ion: 56 Resp: 7636

Ion Ratio Lower Upper

56 100

69 30.7 23.7 35.5

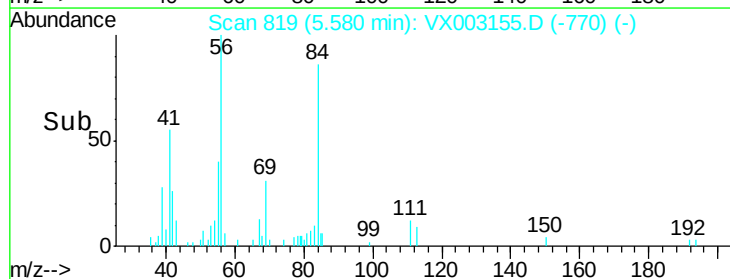
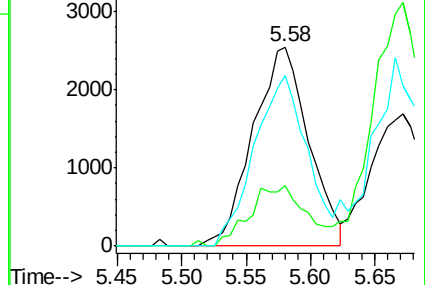
84 85.5 64.1 96.1

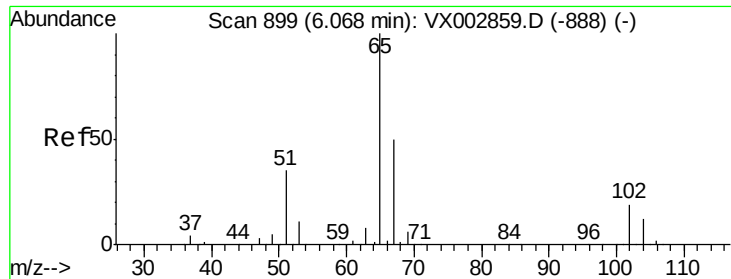


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

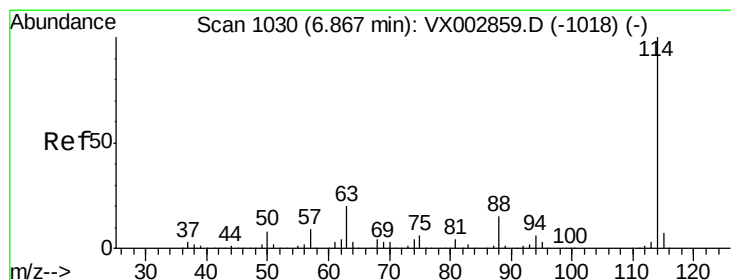
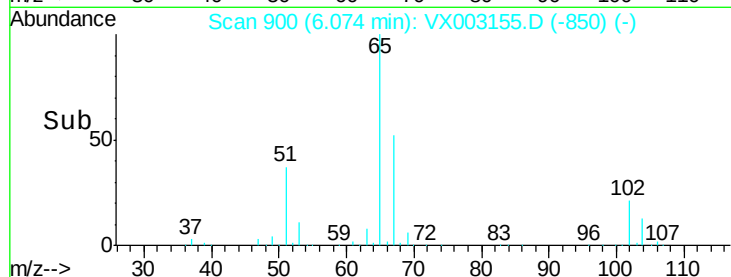
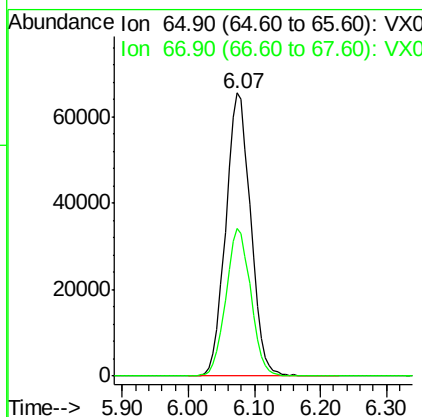
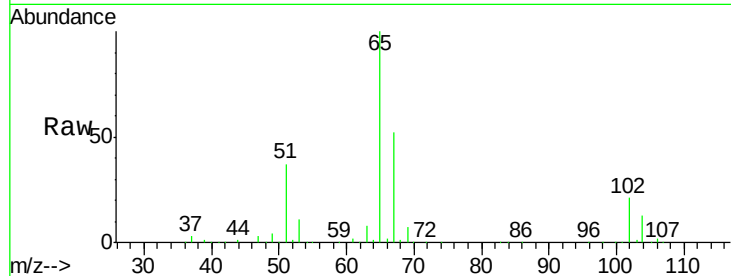




#33
 1,2-Dichloroethane-d4
 Concen: 45.983 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003155.D
 Acq: 03 Jul 2018 18:06

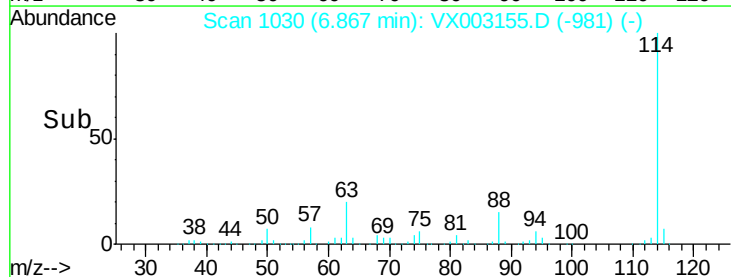
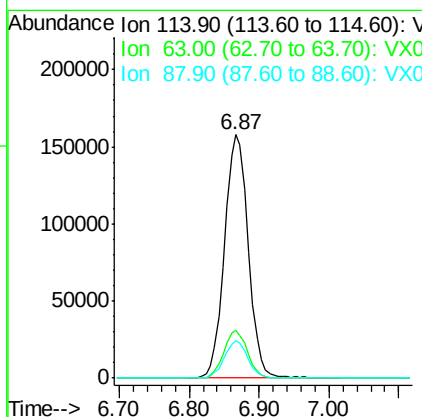
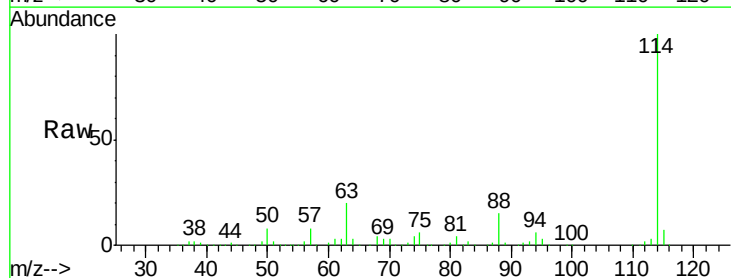
Instrument :
 MSVOA_X
 ClientSampleId :
 S10-0144

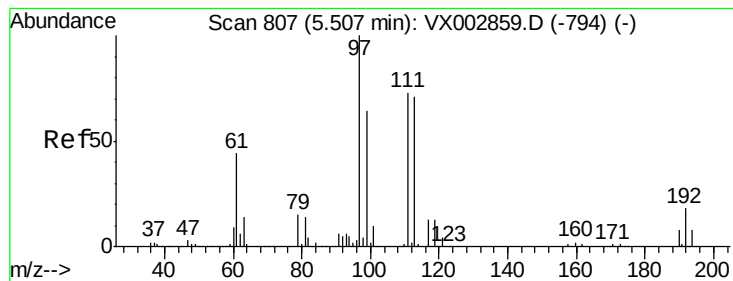
Tot Ion: 65 Resp: 171145
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003155.D
 Acq: 03 Jul 2018 18:06

Tgt Ion: 114 Resp: 371589
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 41.4
 88 15.2 0.0 30.0





#35

Dibromofluoromethane

Concen: 48.378 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX003155.D

Acq: 03 Jul 2018 18:06

Instrument :

MSVOA_X

ClientSampleId :

S10-0144

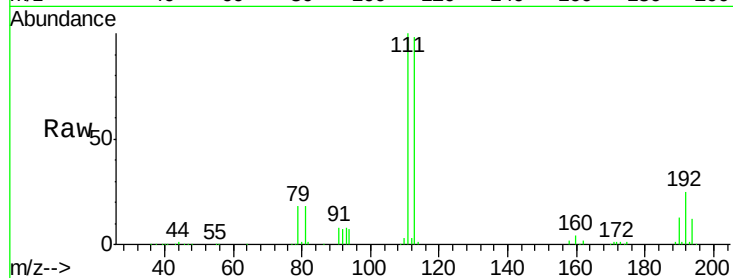
Tot Ion:113 Resp: 142358

Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.0

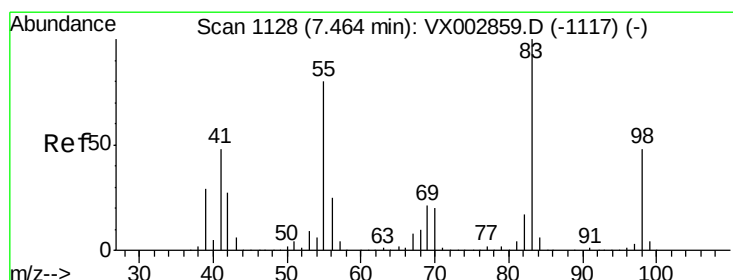
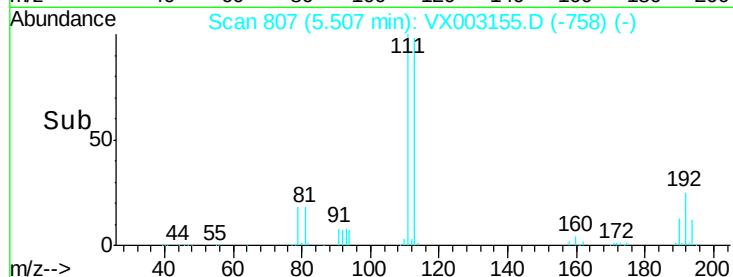
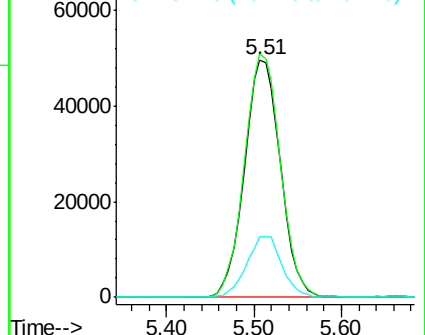
192 25.1 19.1 28.7



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: 0.595 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX003155.D

Acq: 03 Jul 2018 18:06

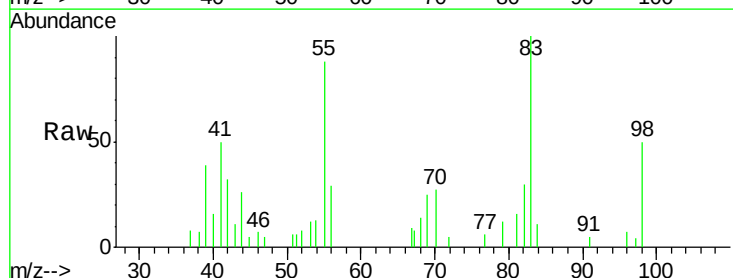
Tgt Ion: 83 Resp: 2825

Ion Ratio Lower Upper

83 100

55 88.4 65.4 98.0

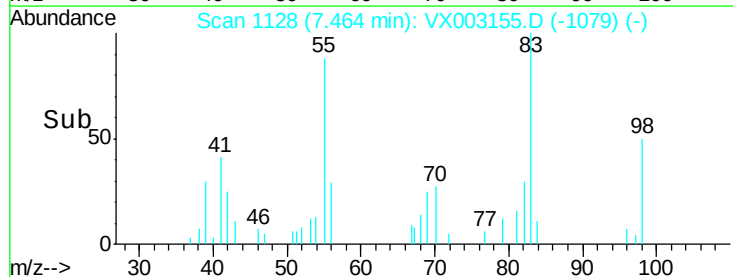
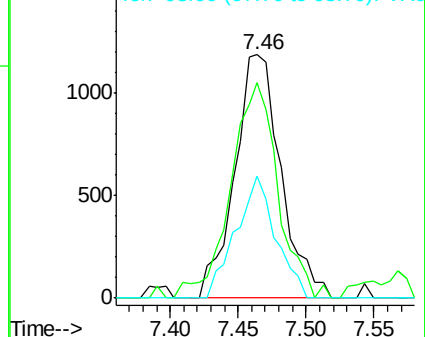
98 49.8 37.4 56.0

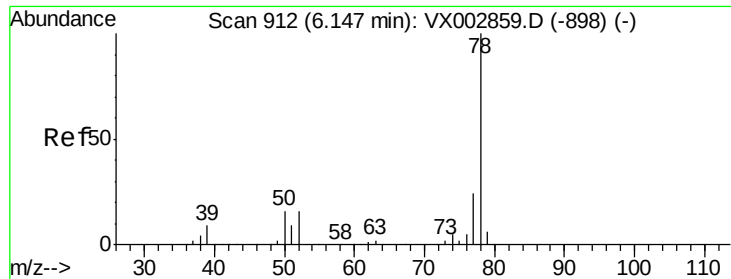


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 34.260 ug/l

RT: 6.15 min Scan# 912

Delta R.T. -0.00 min

Lab File: VX003155.D

Acq: 03 Jul 2018 18:06

Instrument :

MSVOA_X

ClientSampleId :

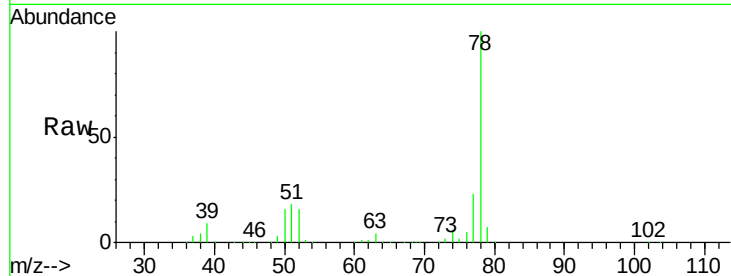
S10-0144

Tot Ion: 78 Resp: 405639

Ion Ratio Lower Upper

78 100

77 23.3 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

6.15

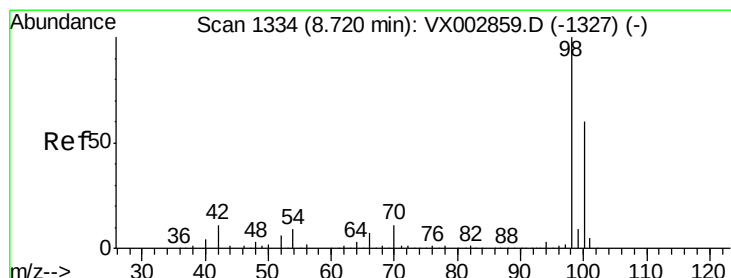
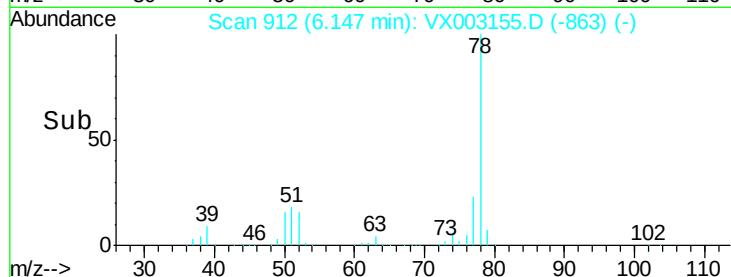
150000

100000

50000

0

Time-->



#50

Toluene-d8

Concen: 47.887 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003155.D

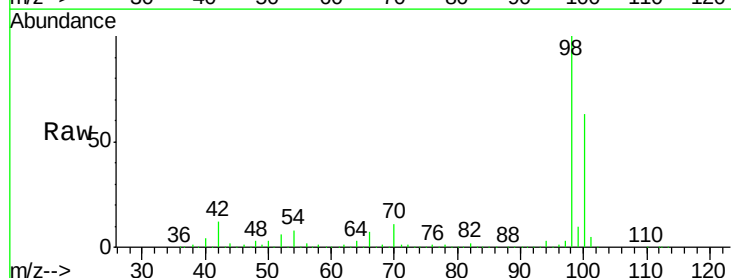
Acq: 03 Jul 2018 18:06

Tgt Ion: 98 Resp: 514587

Ion Ratio Lower Upper

98 100

100 63.7 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.72

400000

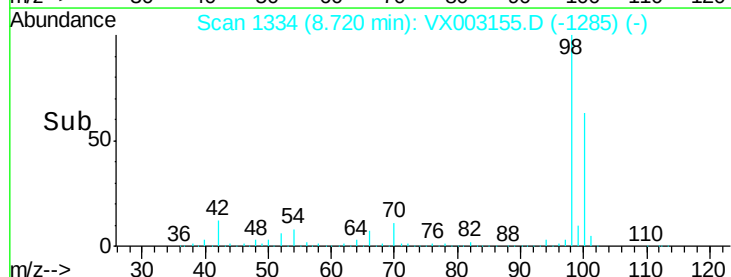
300000

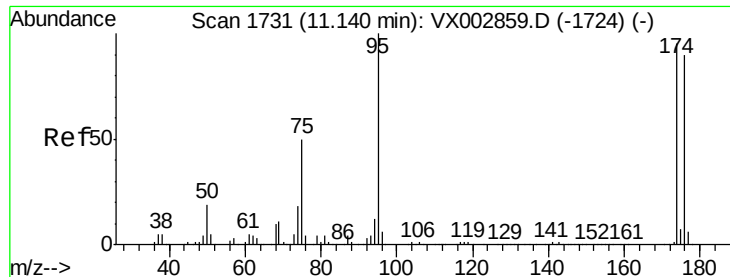
200000

100000

0

Time-->

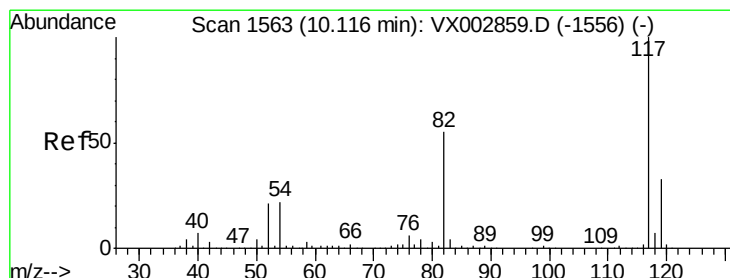
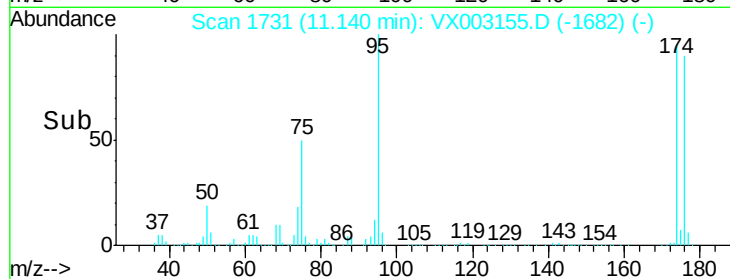
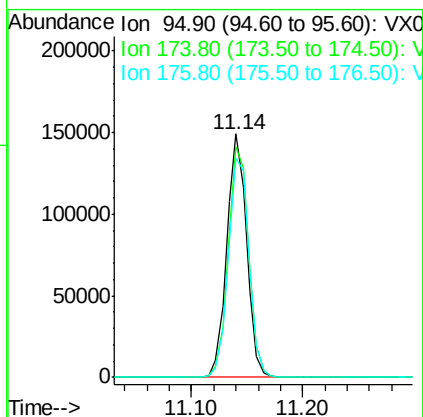
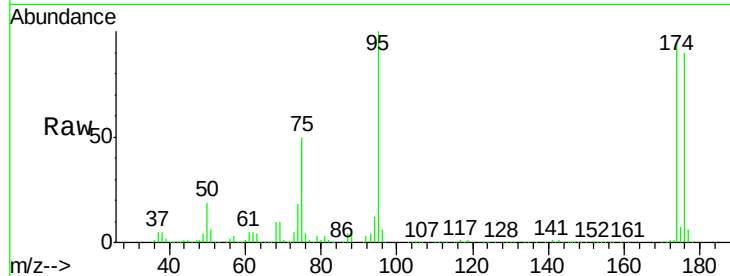




#62
4-Bromofluorobenzene
Concen: 44.095 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003155.D
Acq: 03 Jul 2018 18:06

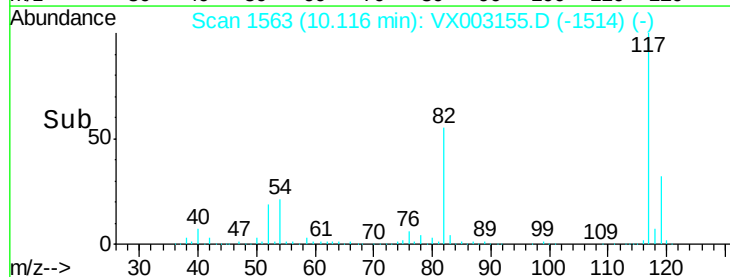
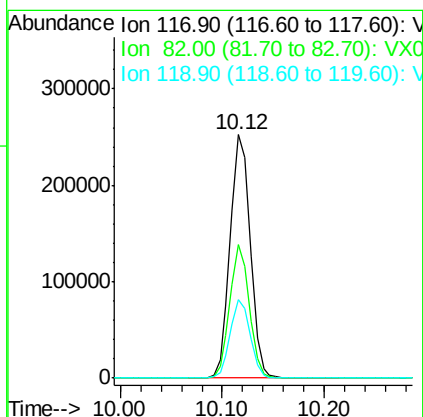
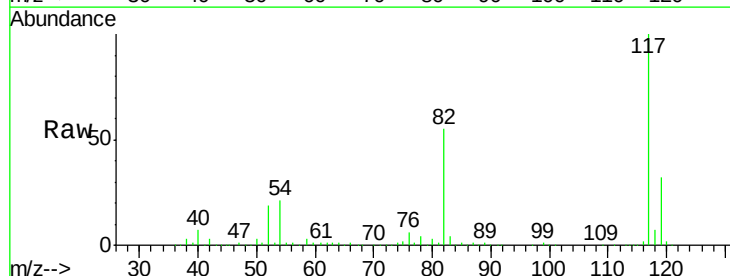
Instrument :
MSVOA_X
ClientSampled :
S10-0144

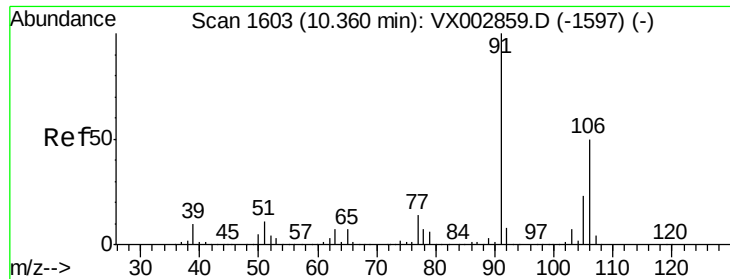
Tot Ion: 95 Resp: 182740
Ion Ratio Lower Upper
95 100
174 98.1 0.0 187.4
176 94.4 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003155.D
Acq: 03 Jul 2018 18:06

Tgt Ion: 117 Resp: 343822
Ion Ratio Lower Upper
117 100
82 54.8 45.0 67.4
119 32.2 25.8 38.6

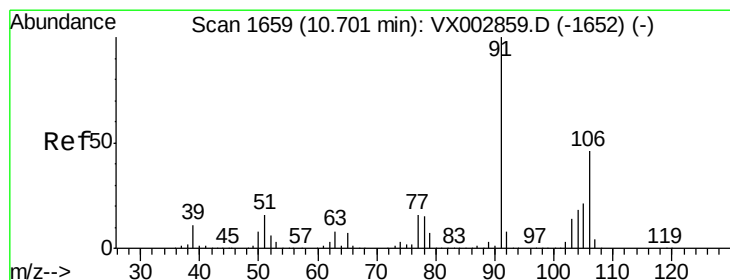
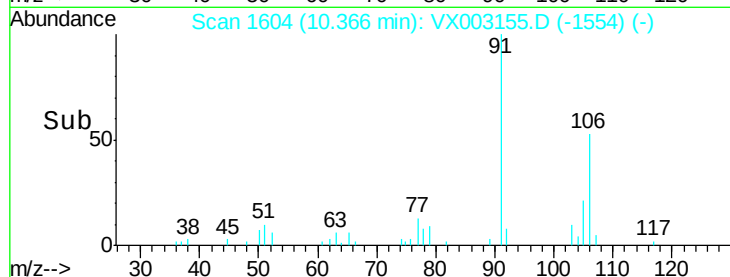
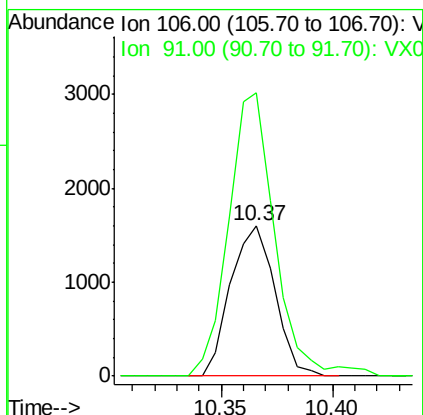
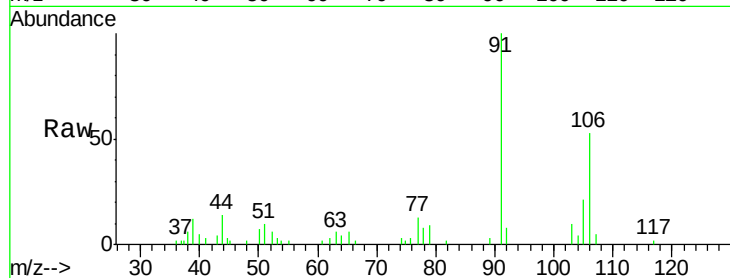




#68
m/p-Xylenes
Concen: 0.399 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VX003155.D
Acq: 03 Jul 2018 18:06

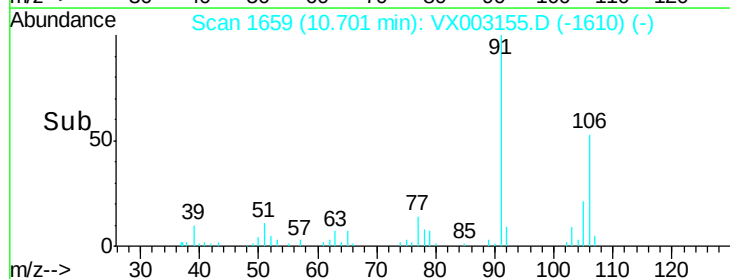
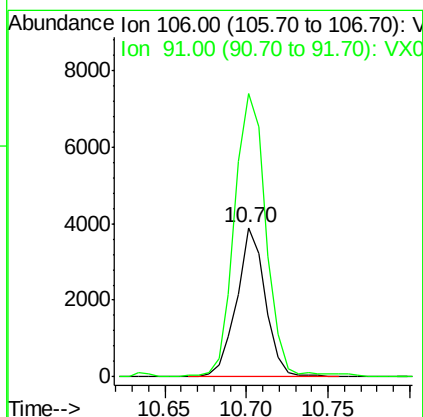
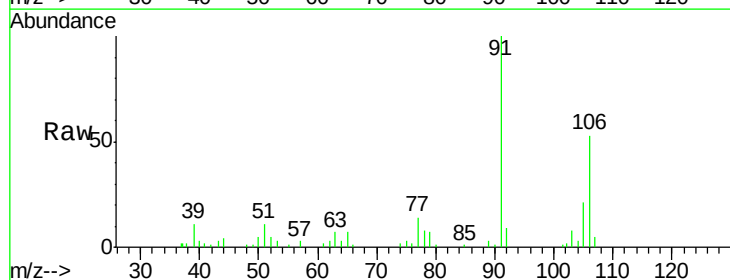
Instrument :
MSVOA_X
ClientSampleId :
S10-0144

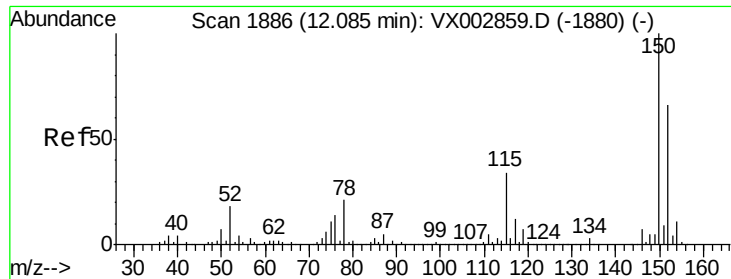
Tot Ion:106 Resp: 2217
Ion Ratio Lower Upper
106 100
91 196.6 163.4 245.2



#69
o-Xylene
Concen: 0.887 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003155.D
Acq: 03 Jul 2018 18:06

Tgt Ion:106 Resp: 4803
Ion Ratio Lower Upper
106 100
91 208.2 108.2 324.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX003155.D

Acq: 03 Jul 2018 18:06

Instrument :

MSVOA_X

ClientSampled :

S10-0144

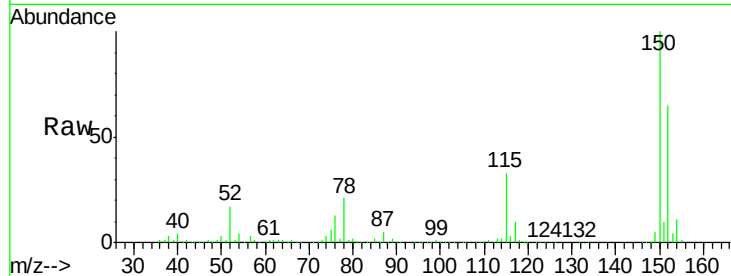
Tot Ion:152 Resp: 193743

Ion Ratio Lower Upper

152 100

115 53.0 40.1 120.2

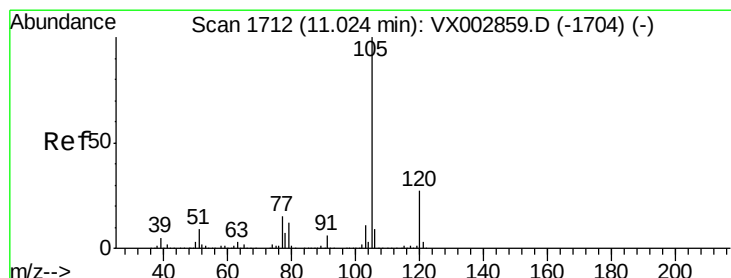
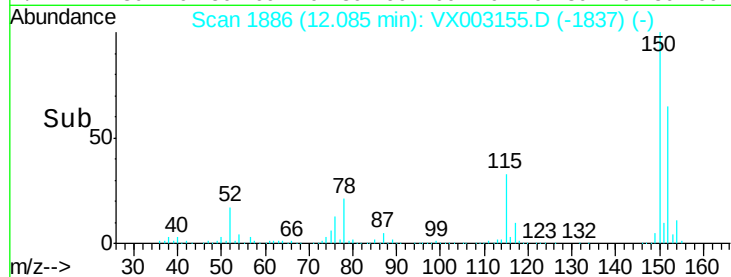
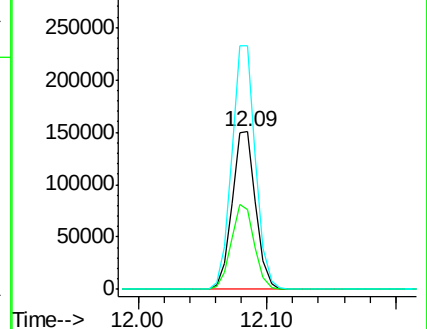
150 155.3 0.0 347.2



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: 0.205 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX003155.D

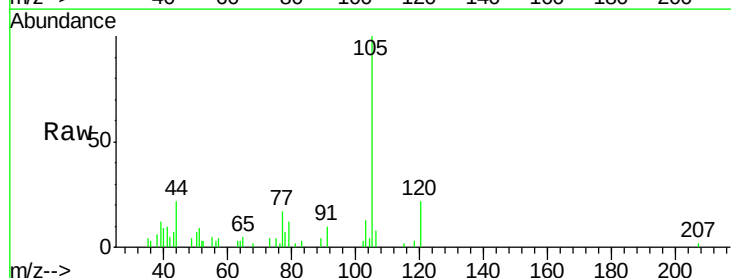
Acq: 03 Jul 2018 18:06

Tgt Ion:105 Resp: 2667

Ion Ratio Lower Upper

105 100

120 27.1 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

