

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062618\
 Data File : VX002917.D
 Acq On : 27 Jun 2018 01:56
 Operator : JC/MD
 Sample : J3707-11 50X
 Misc : 7.12g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021SB480-19-21-180622

Quant Time: Jun 27 04:43:17 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	253429	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	358530	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	337226	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	197488	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	175004	49.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.92%	
35) Dibromofluoromethane	5.51	113	137711	48.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.00%	
50) Toluene-d8	8.72	98	503757	48.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.18%	
62) 4-Bromofluorobenzene	11.14	95	187470	46.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.76%	

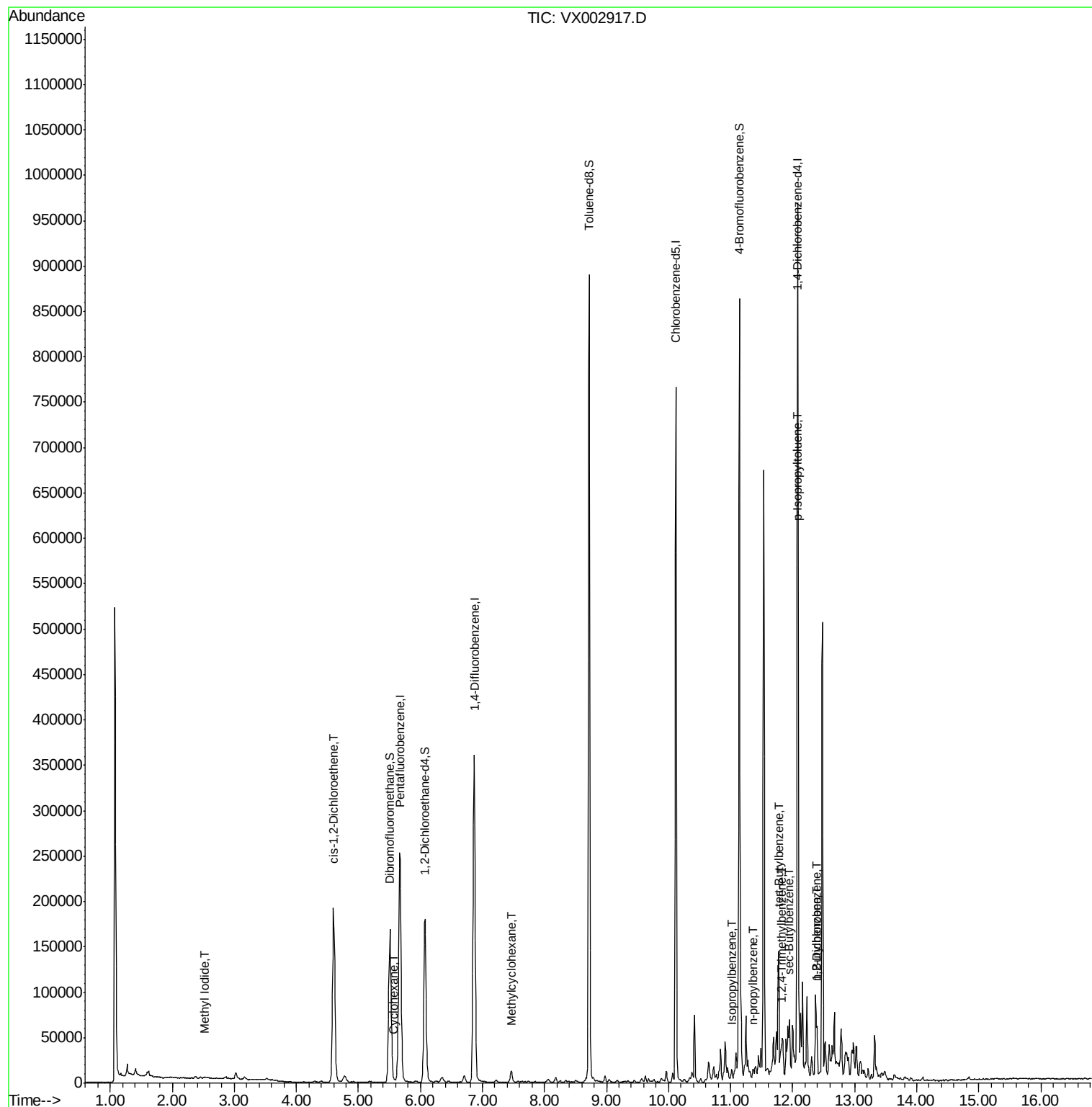
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.51	142	1191	6.59	ug/l #	83
27) cis-1,2-Dichloroethene	4.60	96	119325	39.09	ug/l	84
31) Cyclohexane	5.57	56	1129	0.26	ug/l	92
39) Methylcyclohexane	7.47	83	4775	1.04	ug/l	90
73) Isopropylbenzene	11.02	105	4920	0.37	ug/l	96
78) n-propylbenzene	11.37	91	4411	0.29	ug/l	98
83) tert-Butylbenzene	11.77	119	5643	0.51	ug/l	92
84) 1,2,4-Trimethylbenzene	11.81	105	3926	0.34	ug/l	98
85) sec-Butylbenzene	11.95	105	15380	1.15	ug/l #	56
86) p-Isopropyltoluene	12.07	119	10944	0.91	ug/l	92
89) n-Butylbenzene	12.39	91	15264	1.46	ug/l #	73
91) 1,2-Dichlorobenzene	12.40	146	3433	0.49	ug/l	92

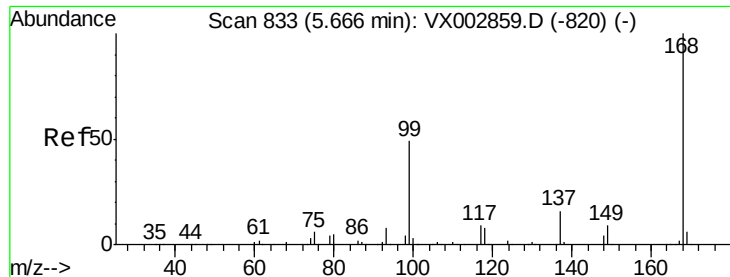
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062618\
Data File : VX002917.D
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WP021SB480-19-21-180622

Quant Time: Jun 27 04:43:17 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX002917.D

Acq: 27 Jun 2018 01:56

Instrument :

MSVOA_X

ClientSampleId :

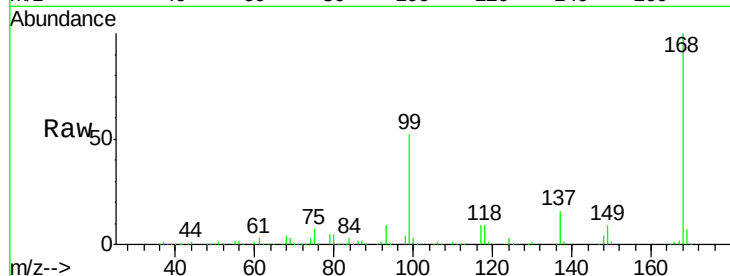
WP021SB480-19-21-180622

Tot Ion:168 Resp: 253429

Ion Ratio Lower Upper

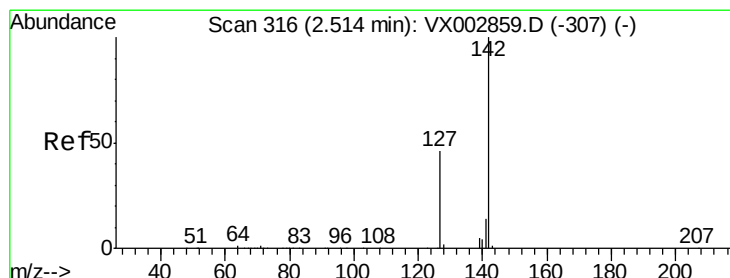
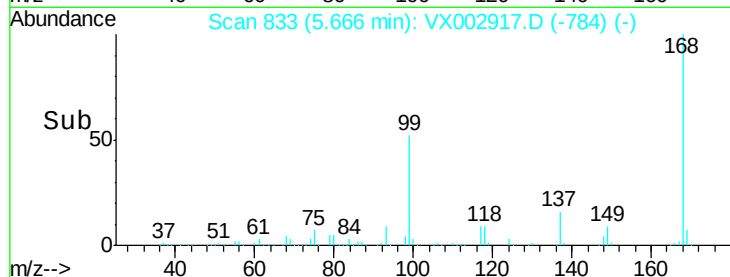
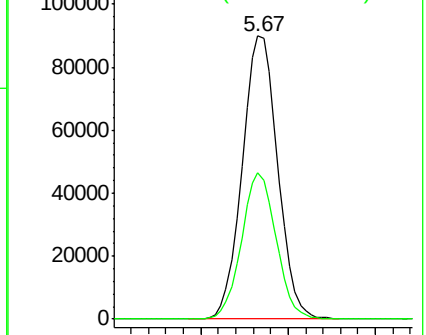
168 100

99 51.8 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#10

Methyl Iodide

Concen: 6.59 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX002917.D

Acq: 27 Jun 2018 01:56

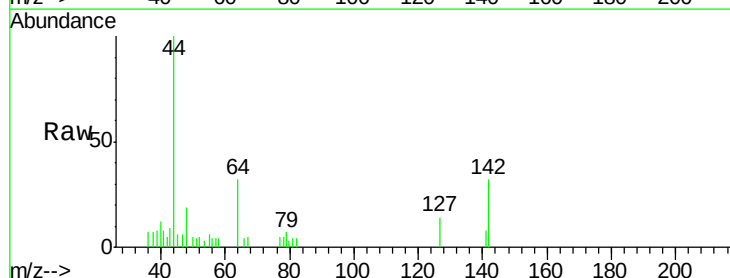
Tgt Ion:142 Resp: 1191

Ion Ratio Lower Upper

142 100

127 59.0 36.6 55.0#

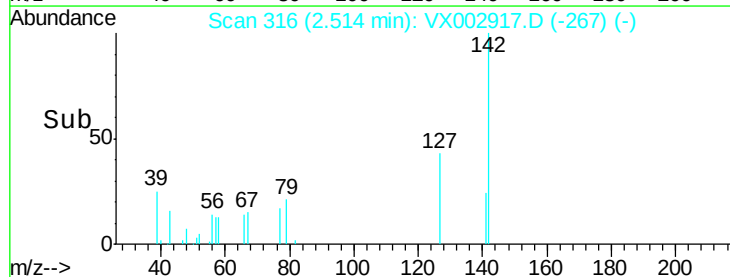
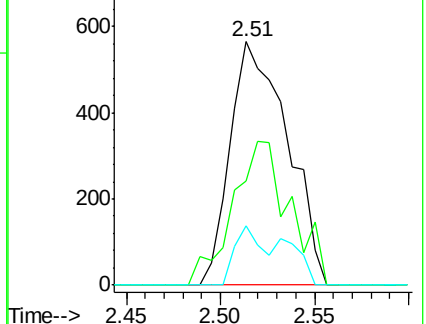
141 11.9 11.3 16.9

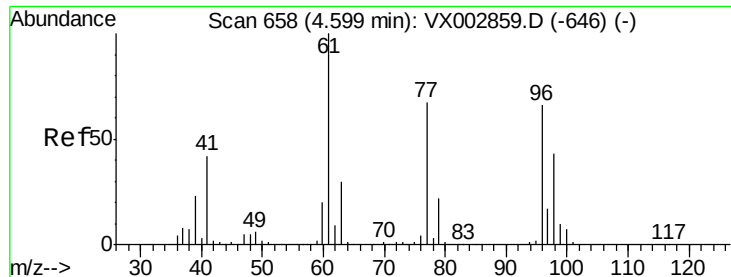


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#27

cis-1,2-Dichloroethene

Concen: 39.09 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX002917.D

Acq: 27 Jun 2018 01:56

Instrument :

MSVOA_X

ClientSampleId :

WP021SB480-19-21-180622

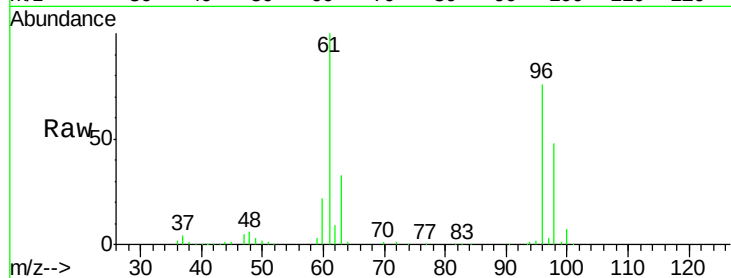
Tot Ion: 96 Resp: 119325

Ion Ratio Lower Upper

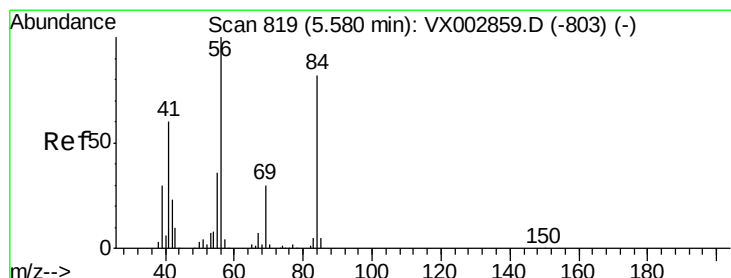
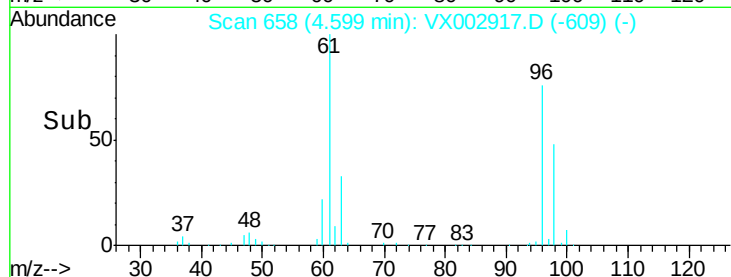
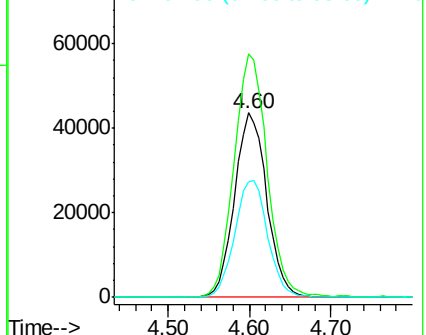
96 100

61 136.2 0.0 330.2

98 64.7 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#31

Cyclohexane

Concen: 0.26 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002917.D

Acq: 27 Jun 2018 01:56

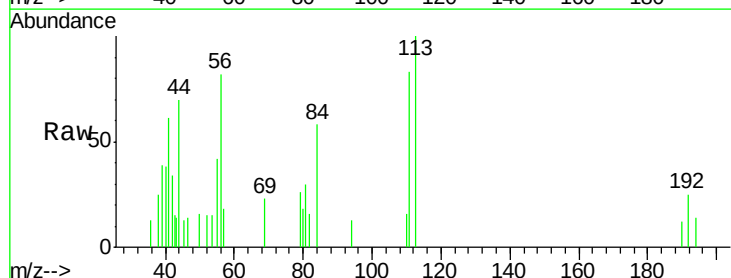
Tgt Ion: 56 Resp: 1129

Ion Ratio Lower Upper

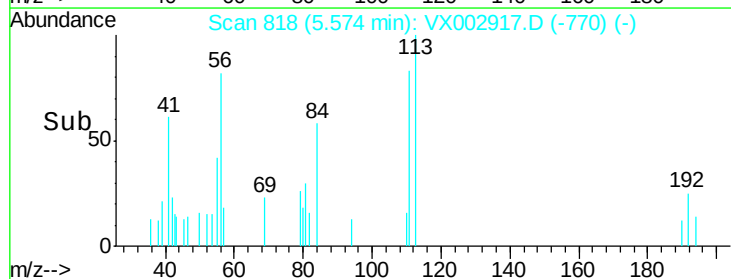
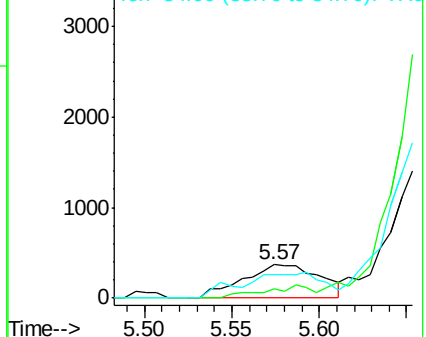
56 100

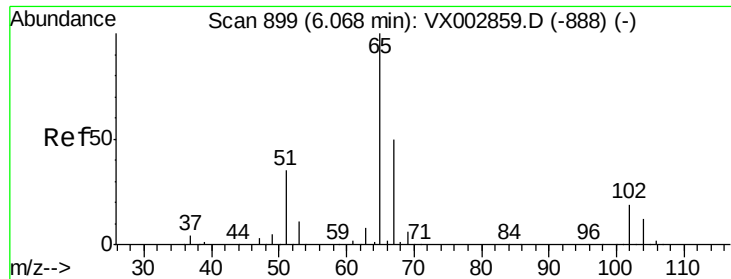
69 28.5 23.7 35.5

84 70.9 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

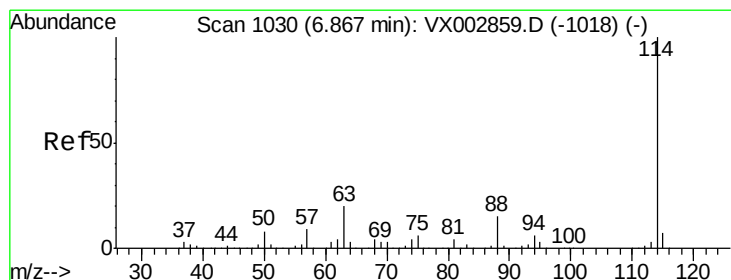
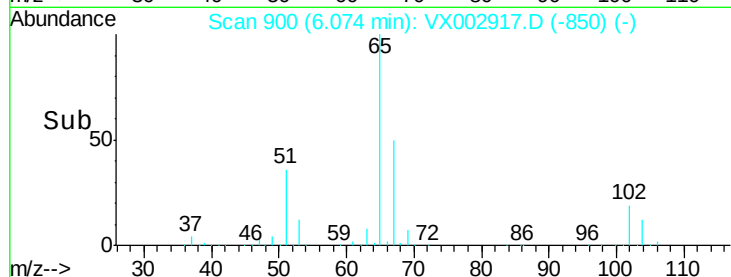
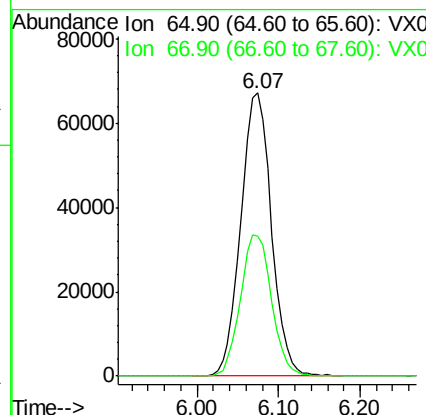
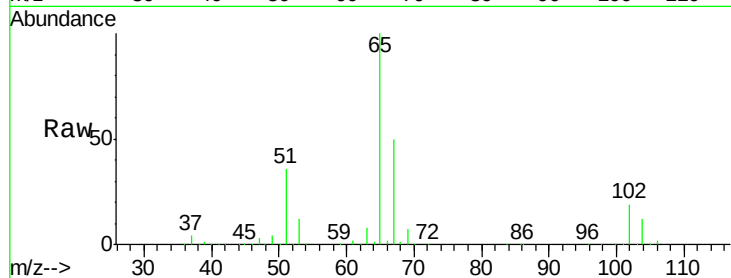




#33
 1,2-Dichloroethane-d4
 Concen: 49.96 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX002917.D
 Acq: 27 Jun 2018 01:56

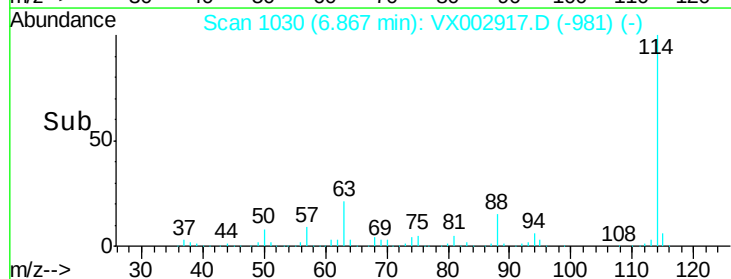
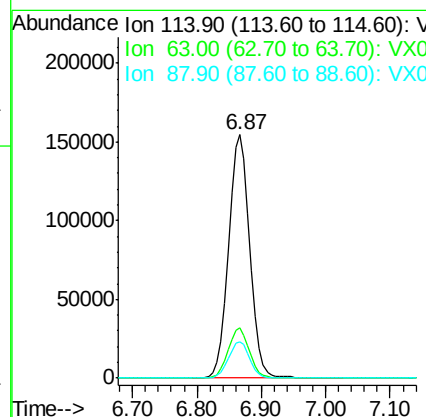
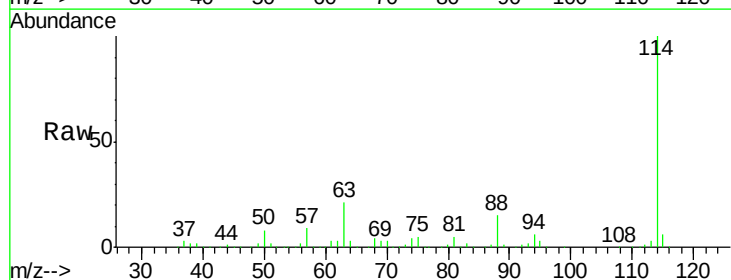
Instrument :
 MSVOA_X
 ClientSampleId :
 WP021SB480-19-21-180622

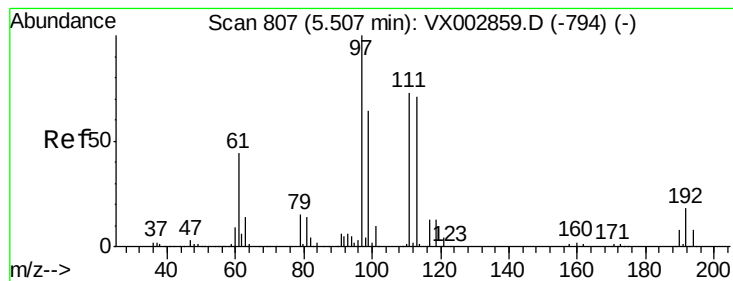
Tot Ion: 65 Resp: 175004
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002917.D
 Acq: 27 Jun 2018 01:56

Tgt Ion: 114 Resp: 358530
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 41.4
 88 14.8 0.0 30.0





#35

Dibromofluoromethane

Concen: 48.50 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002917.D

Acq: 27 Jun 2018 01:56

Instrument :

MSVOA_X

ClientSampleId :

WP021SB480-19-21-180622

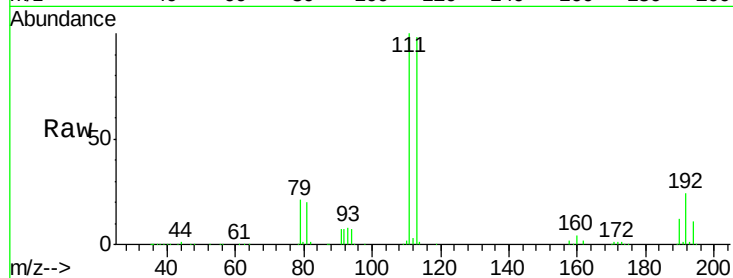
Tot Ion:113 Resp: 137711

Ion Ratio Lower Upper

113 100

111 101.1 81.4 122.0

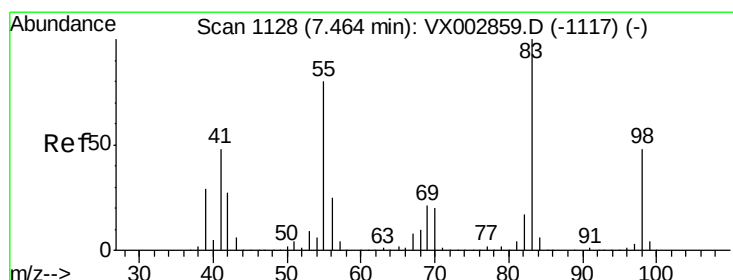
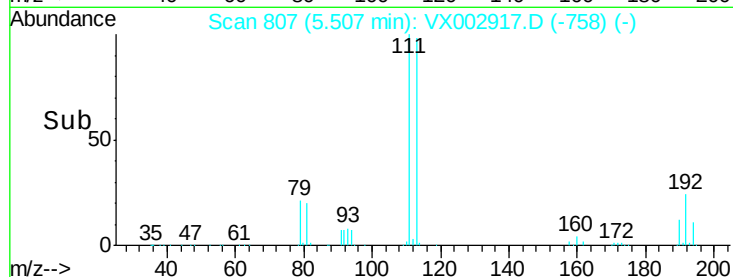
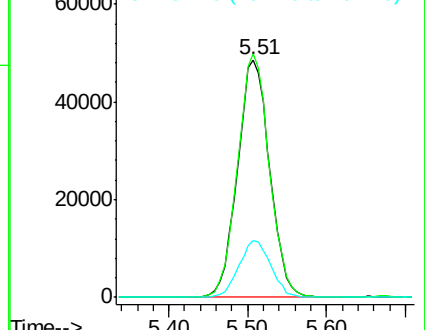
192 23.8 19.1 28.7



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: 1.04 ug/l

RT: 7.47 min Scan# 1129

Delta R.T. 0.01 min

Lab File: VX002917.D

Acq: 27 Jun 2018 01:56

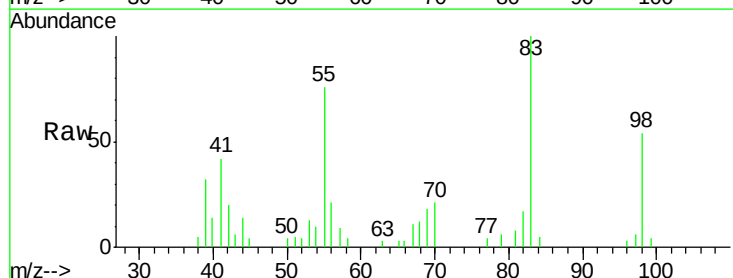
Tgt Ion: 83 Resp: 4775

Ion Ratio Lower Upper

83 100

55 73.1 65.4 98.0

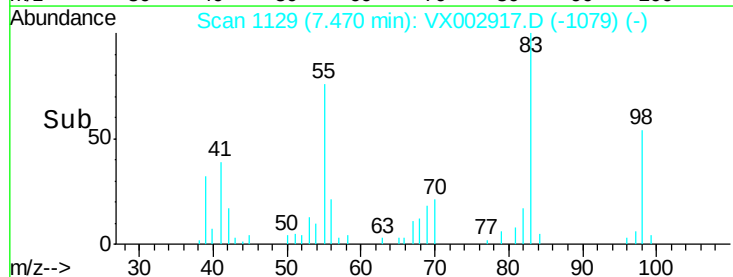
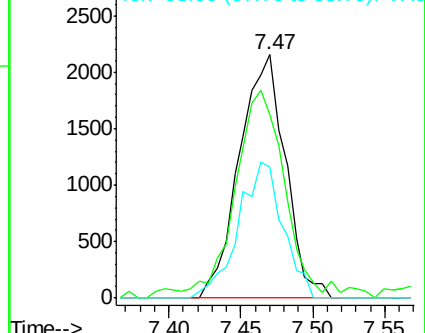
98 53.9 37.4 56.0

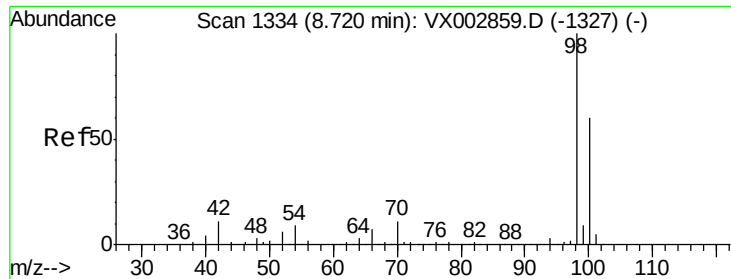


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#50

Toluene-d8

Concen: 48.59 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002917.D

Acq: 27 Jun 2018 01:56

Instrument :

MSVOA_X

ClientSampleId :

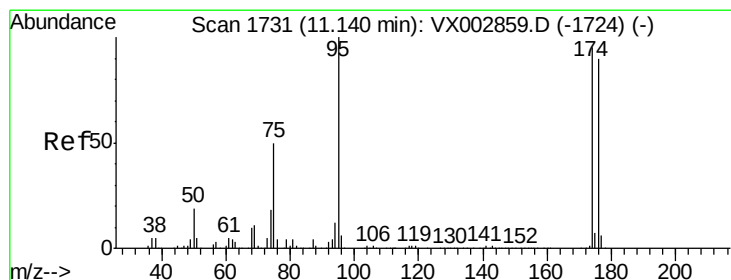
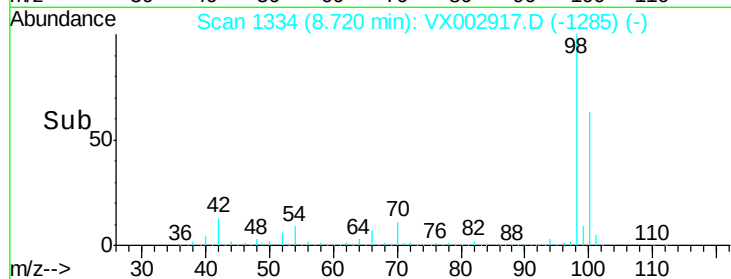
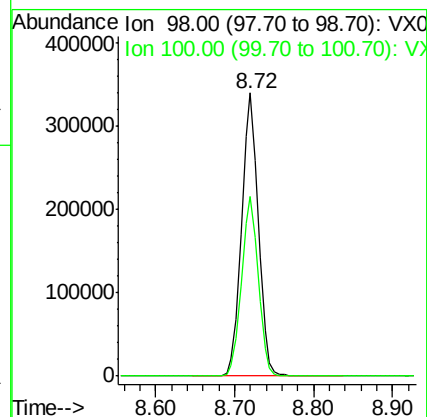
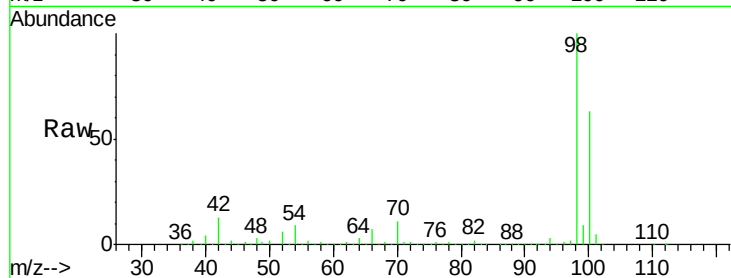
WP021SB480-19-21-180622

Tot Ion: 98 Resp: 503757

Ion Ratio Lower Upper

98 100

100 63.6 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 46.88 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002917.D

Acq: 27 Jun 2018 01:56

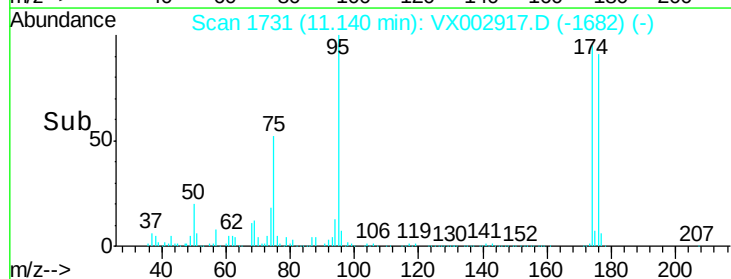
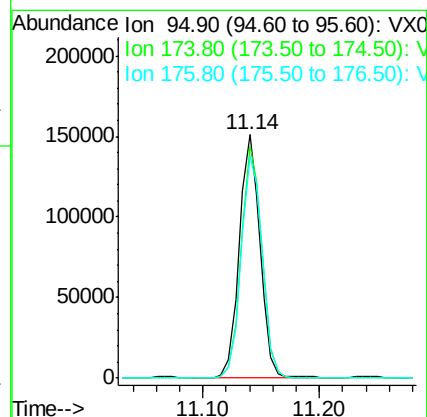
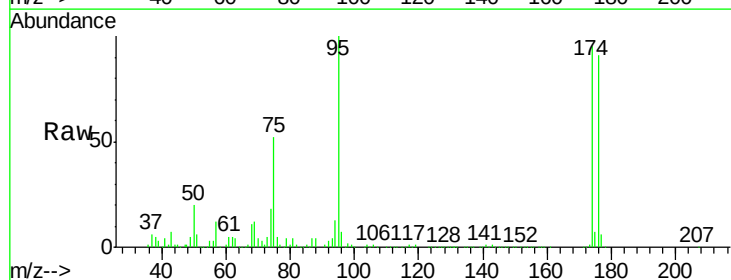
Tgt Ion: 95 Resp: 187470

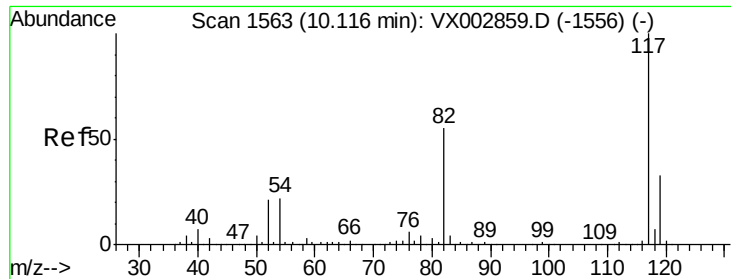
Ion Ratio Lower Upper

95 100

174 95.5 0.0 187.4

176 92.9 0.0 181.0

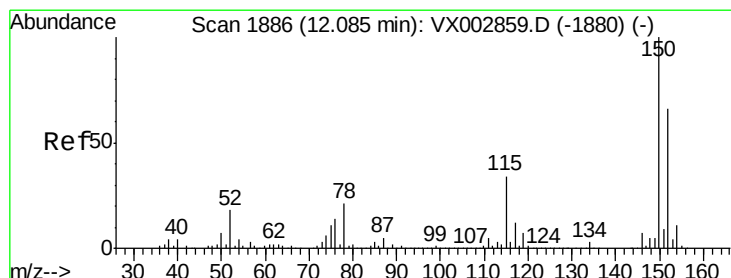
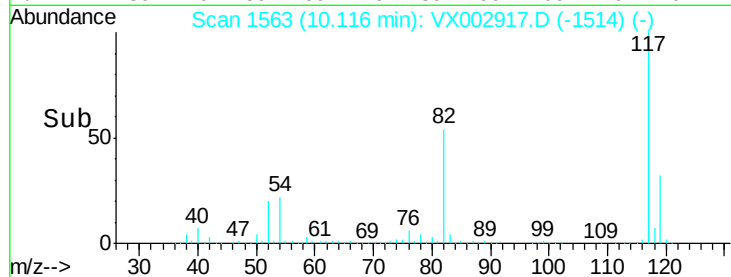
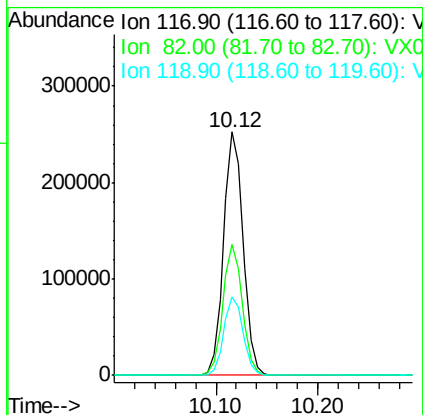
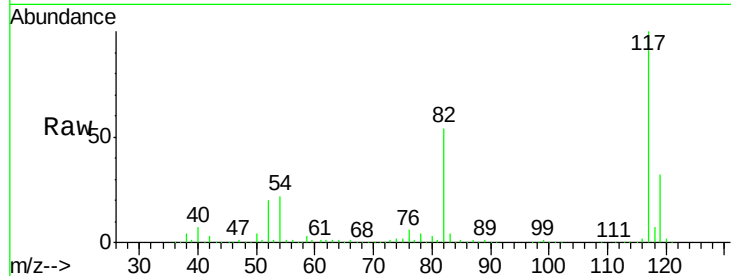




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002917.D
Acq: 27 Jun 2018 01:56

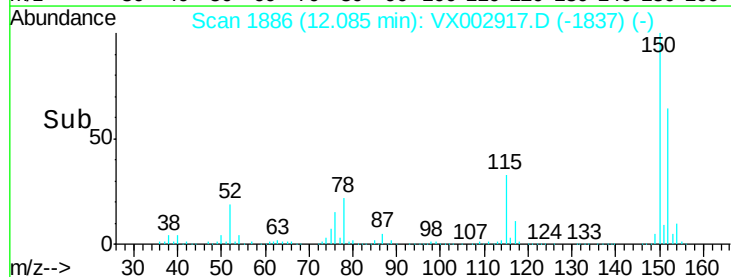
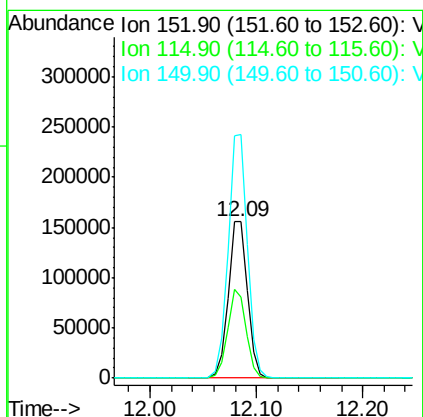
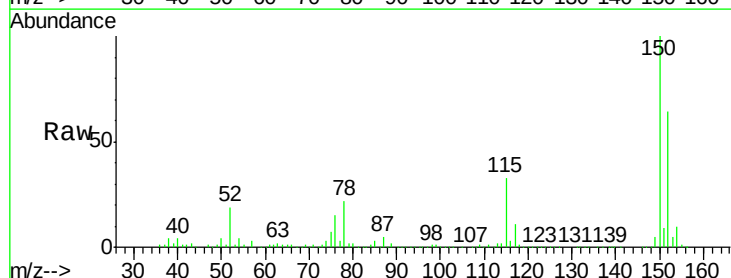
Instrument :
MSVOA_X
ClientSampleId :
WP021SB480-19-21-180622

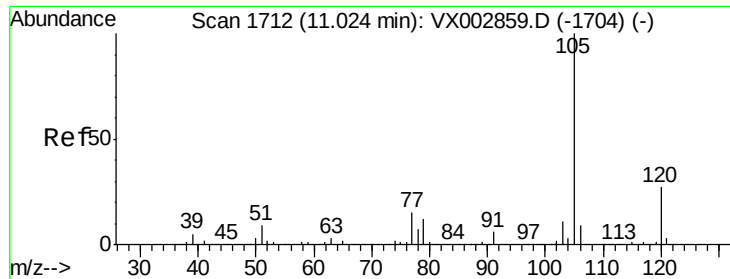
Tot Ion:117 Resp: 337226
Ion Ratio Lower Upper
117 100
82 54.0 45.0 67.4
119 32.1 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002917.D
Acq: 27 Jun 2018 01:56

Tgt Ion:152 Resp: 197488
Ion Ratio Lower Upper
152 100
115 54.5 40.1 120.2
150 155.6 0.0 347.2





#73

Isopropylbenzene

Concen: 0.37 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002917.D

Acq: 27 Jun 2018 01:56

Instrument :

MSVOA_X

ClientSampleId :

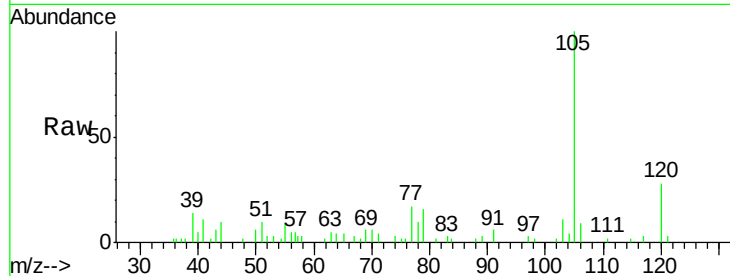
WP021SB480-19-21-180622

Tot Ion:105 Resp: 4920

Ion Ratio Lower Upper

105 100

120 29.0 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

4000

3000

2000

1000

0

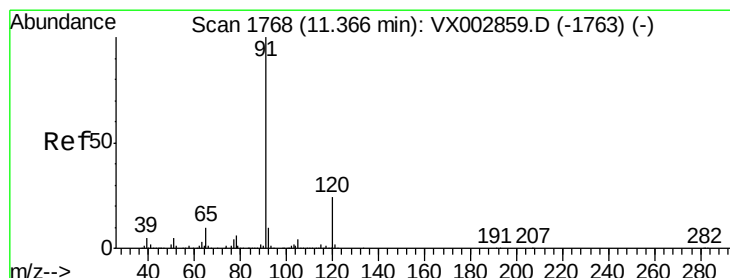
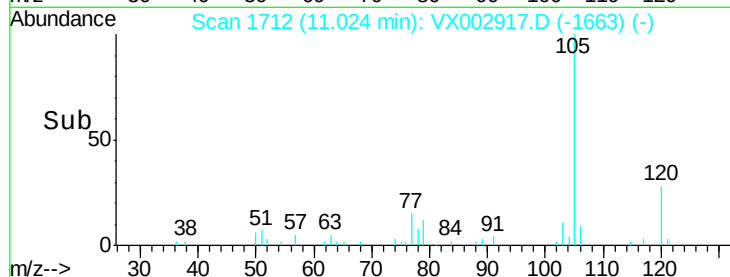
Time-->

10.95

11.00

11.05

11.10



#78

n-propylbenzene

Concen: 0.29 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002917.D

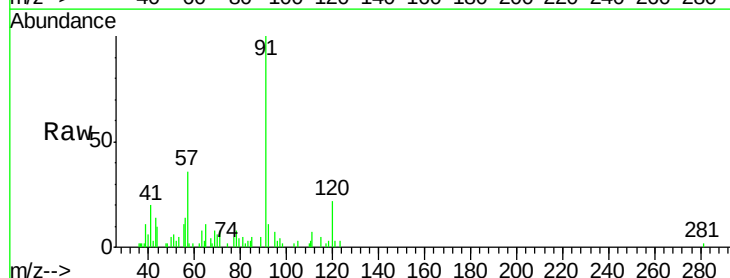
Acq: 27 Jun 2018 01:56

Tgt Ion: 91 Resp: 4411

Ion Ratio Lower Upper

91 100

120 22.7 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

4000

3000

2000

1000

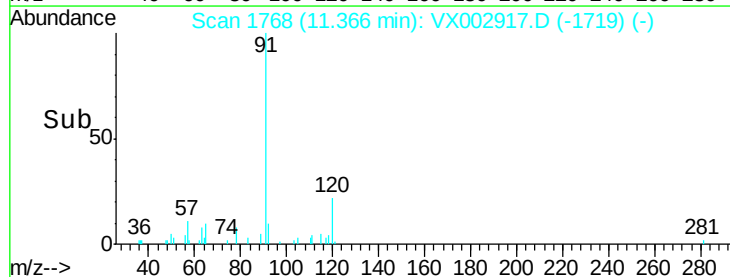
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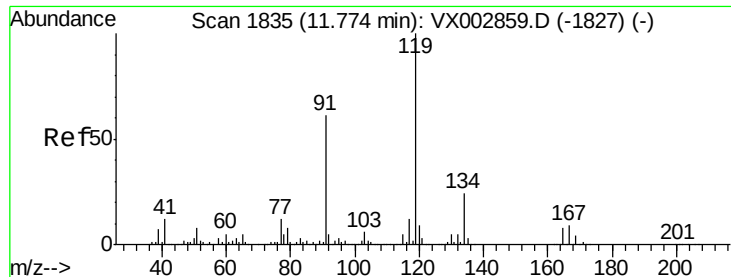
Time-->

11.30

11.35

11.40

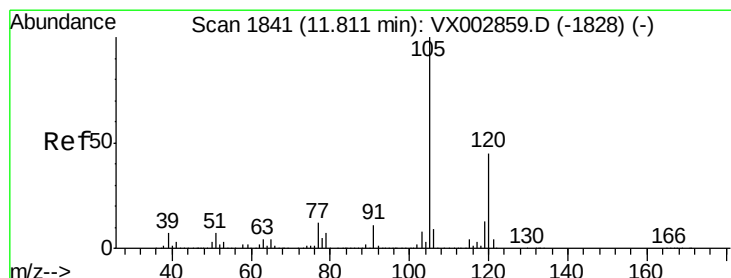
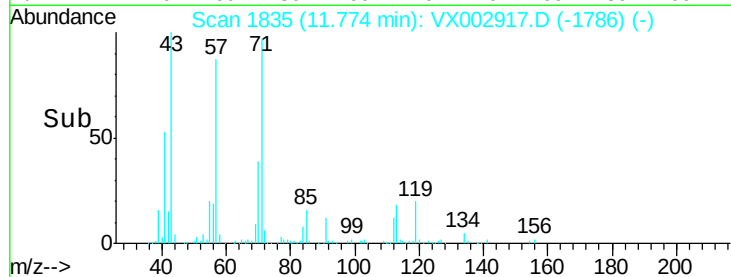
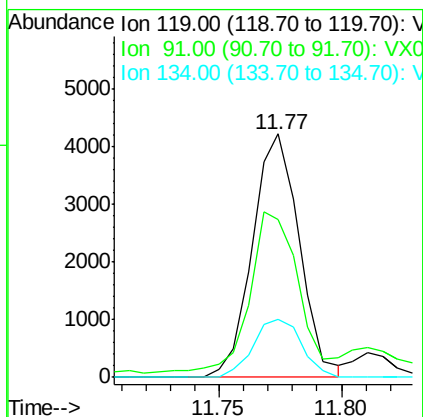
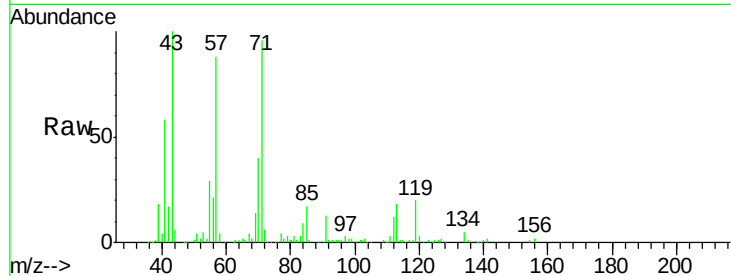




#83
 tert-Butylbenzene
 Concen: 0.51 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002917.D
 Acq: 27 Jun 2018 01:56

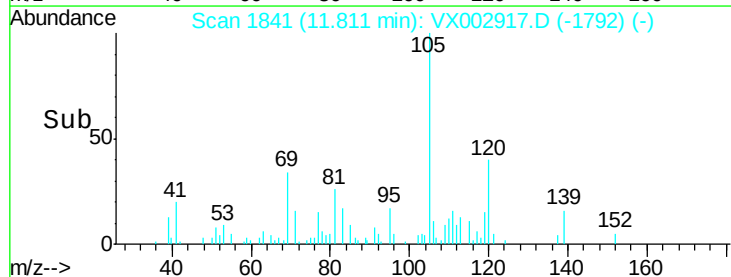
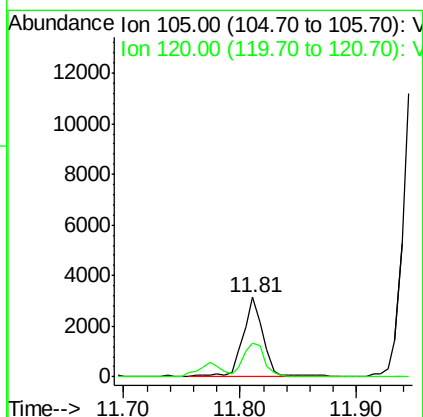
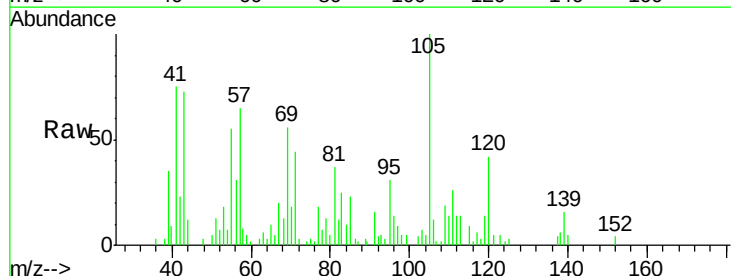
Instrument :
 MSVOA_X
 ClientSampleId :
 WP021SB480-19-21-180622

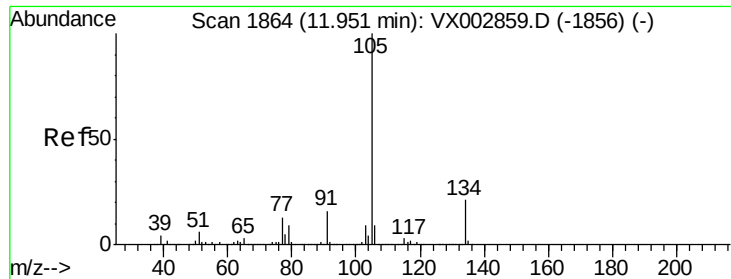
Tot Ion:119 Resp: 5643
 Ion Ratio Lower Upper
 119 100
 91 68.5 30.3 90.9
 134 24.7 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 0.34 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002917.D
 Acq: 27 Jun 2018 01:56

Tgt Ion:105 Resp: 3926
 Ion Ratio Lower Upper
 105 100
 120 43.4 22.3 66.8





#85

sec-Butylbenzene

Concen: 1.15 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002917.D

Acq: 27 Jun 2018 01:56

Instrument :

MSVOA_X

ClientSampleId :

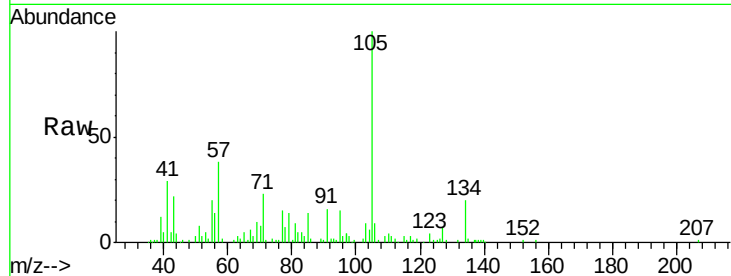
WP021SB480-19-21-180622

Tot Ion:105 Resp: 15380

Ion Ratio Lower Upper

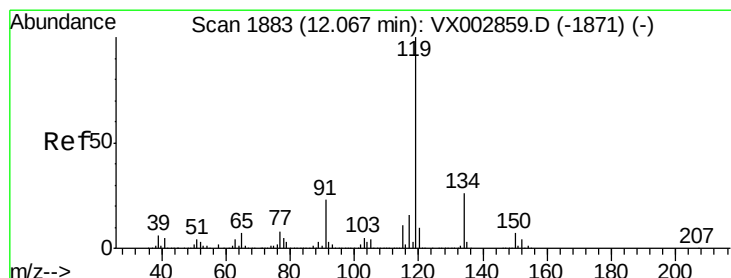
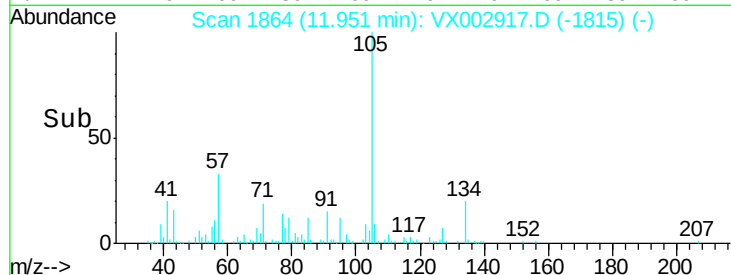
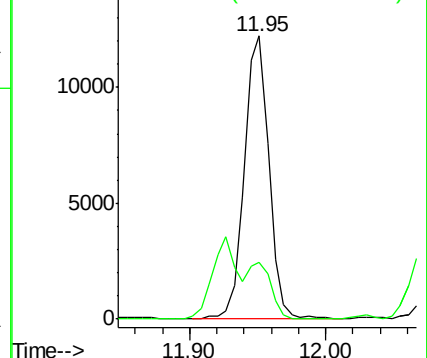
105 100

134 0.0 10.4 31.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.91 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002917.D

Acq: 27 Jun 2018 01:56

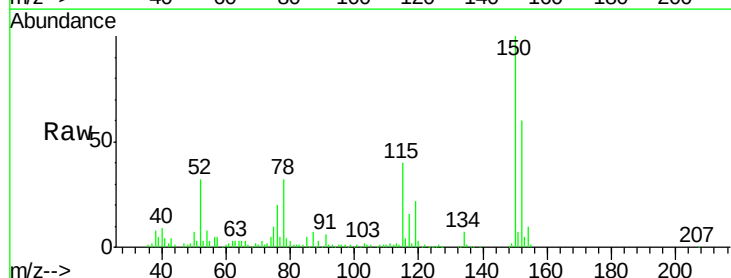
Tgt Ion:119 Resp: 10944

Ion Ratio Lower Upper

119 100

134 27.5 13.4 40.1

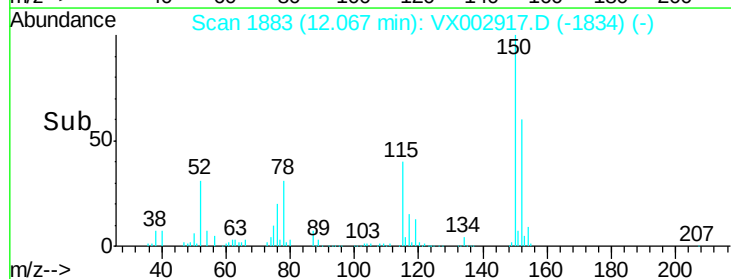
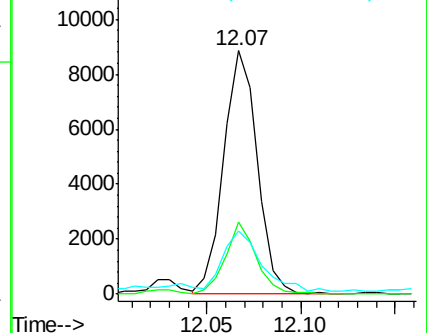
91 30.8 11.9 35.7

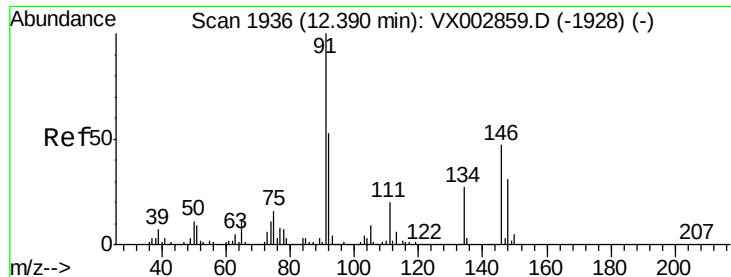


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#89

n-Butylbenzene

Concen: 1.46 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002917.D

Acq: 27 Jun 2018 01:56

Instrument :

MSVOA_X

ClientSampleId :

WP021SB480-19-21-180622

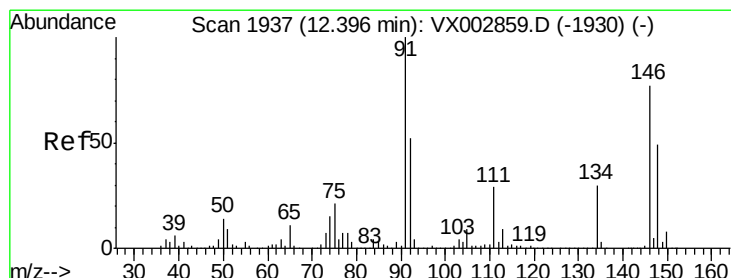
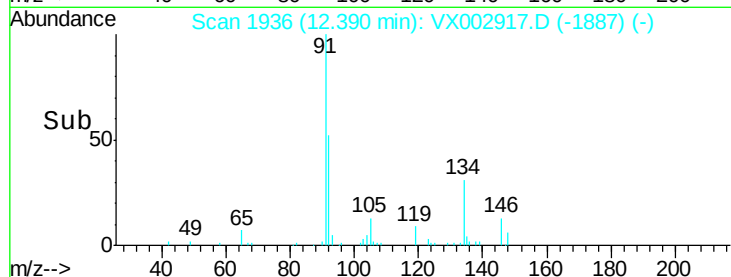
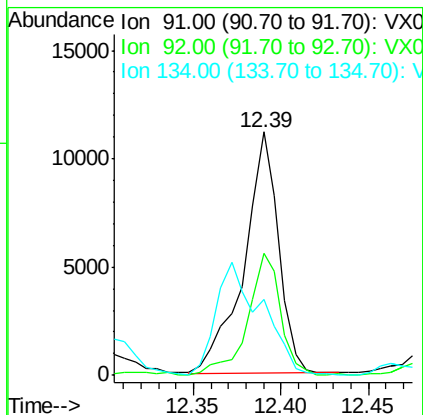
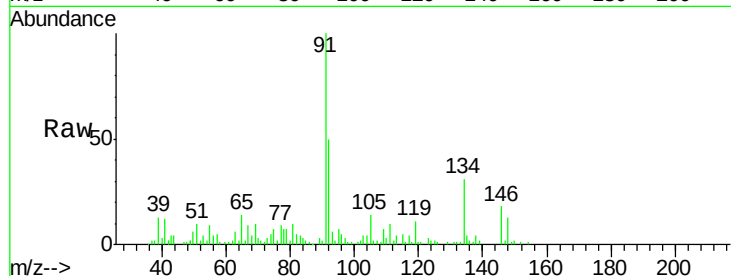
Tot Ion: 91 Resp: 15264

Ion Ratio Lower Upper

91 100

92 48.1 26.0 78.0

134 62.4 13.5 40.5#



#91

1,2-Dichlorobenzene

Concen: 0.49 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX002917.D

Acq: 27 Jun 2018 01:56

Tgt Ion: 146 Resp: 3433

Ion Ratio Lower Upper

146 100

111 48.8 19.4 58.1

148 61.1 31.7 95.1

