

Data File : VU024694.D
Acq On : 18 Jun 2018 16:12
Operator : MD/SY
Sample : J3463-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
T11-MW-2-8.0-061218

Quant Time: Jun 22 01:39:23 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	188797	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	303176	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	283342	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	148219	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	134675	43.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.40%	
35) Dibromofluoromethane	4.89	113	121828	48.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.84%	
50) Toluene-d8	7.57	98	448227	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	
62) 4-Bromofluorobenzene	10.31	95	156254	42.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.76%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	2.83	59	4281	5.711	ug/l	97
16) Acetone	2.32	43	34093	20.587	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	37429	4.632	ug/l	99
69) o-Xylene	9.79	106	1599	0.332	ug/l	90
73) Isopropylbenzene	10.17	105	13280	1.167	ug/l	96
78) n-propylbenzene	10.60	91	3046	0.227	ug/l	91
83) tert-Butylbenzene	11.10	119	5561	0.586	ug/l	91
85) sec-Butylbenzene	11.33	105	6108	0.514	ug/l	97
95) Naphthalene	13.75	128	35868	3.926	ug/l #	95

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

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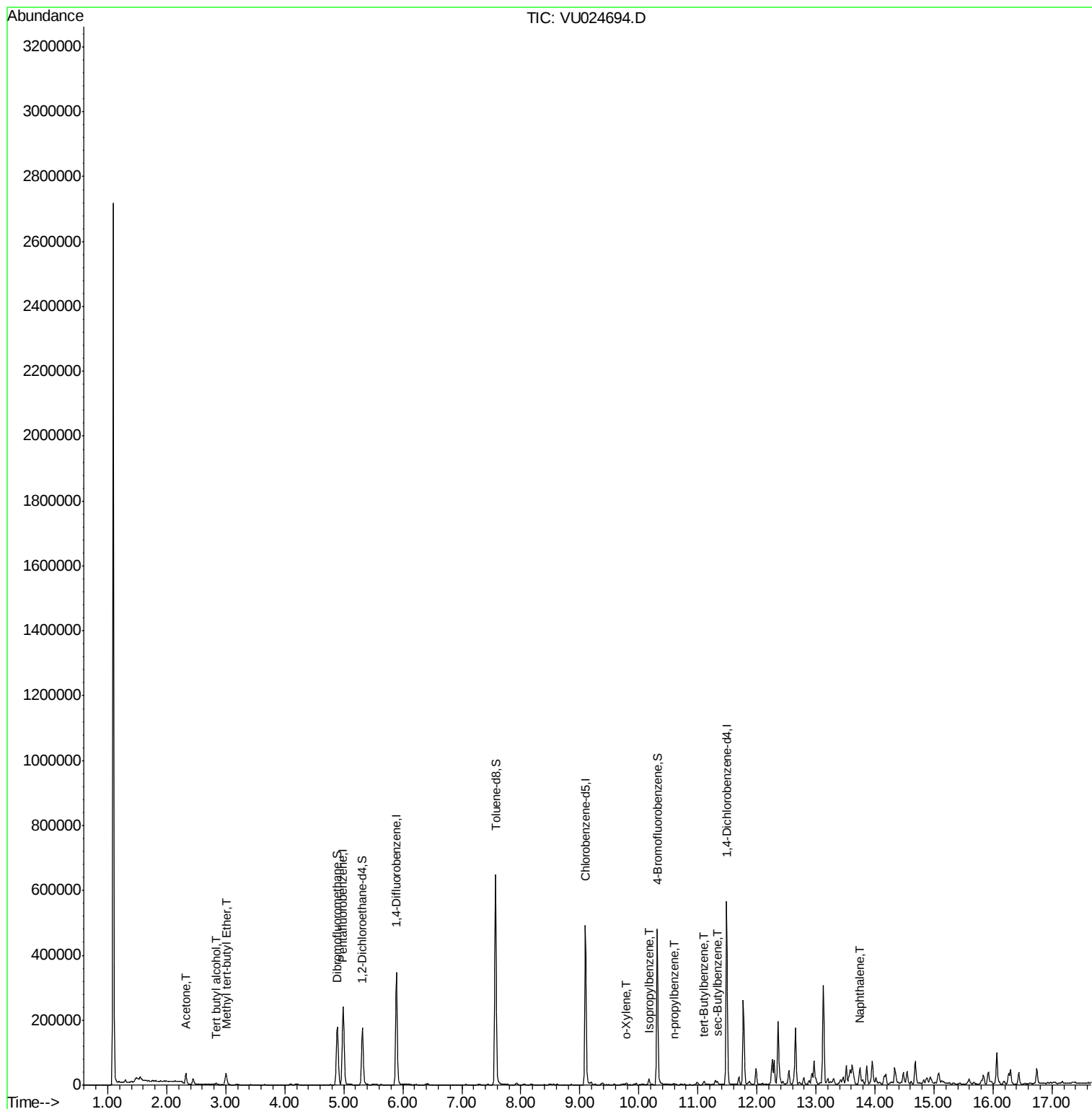
Quant Time: Jun 22 01:39:23 2018

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M

Quant Title : SW846 8260

QLast Update : Wed Jun 13 13:55:26 2018

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

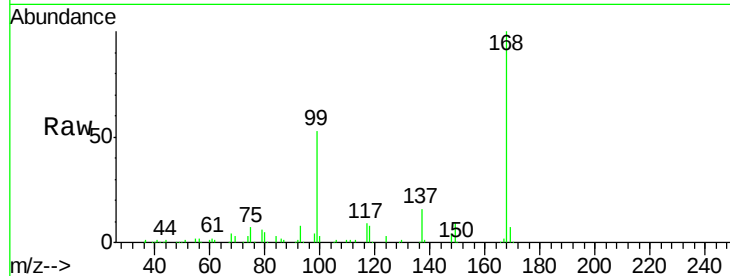
T11-MW-2-8.0-061218

Tgt Ion:168 Resp: 188797

Ion Ratio Lower Upper

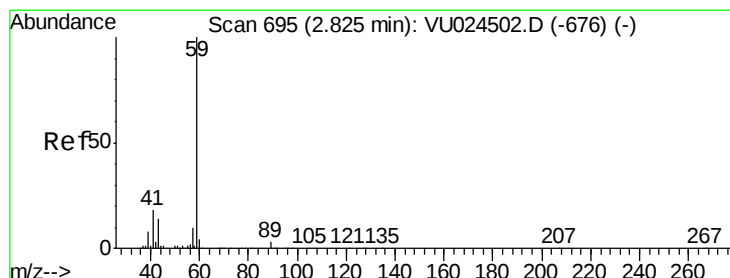
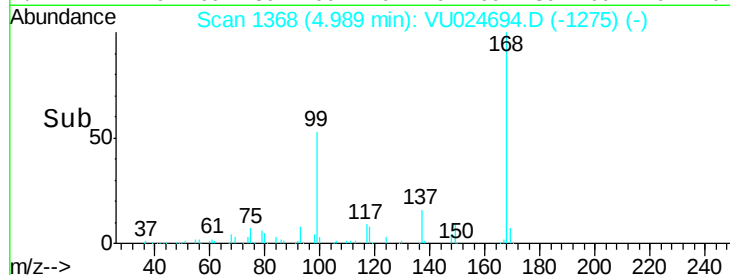
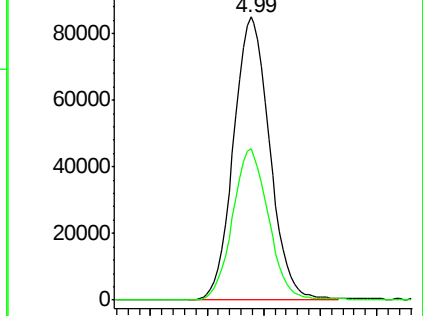
168 100

99 53.4 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024502.D (-1351) (-)

Ion 98.90 (98.60 to 99.60): VU024502.D (-1351) (-)



#11

Tert butyl alcohol

Concen: 5.711 ug/l

RT: 2.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VU024694.D

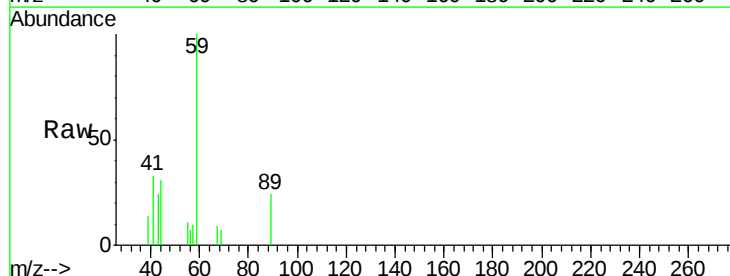
Acq: 18 Jun 2018 16:12

Tgt Ion: 59 Resp: 4281

Ion Ratio Lower Upper

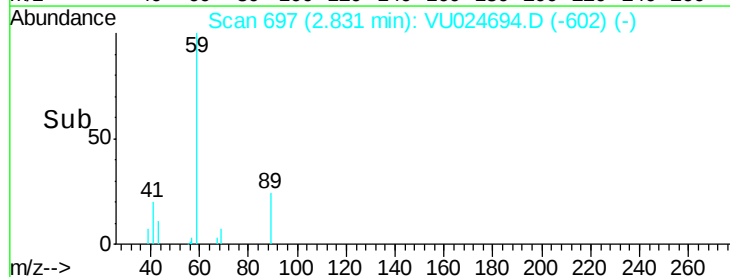
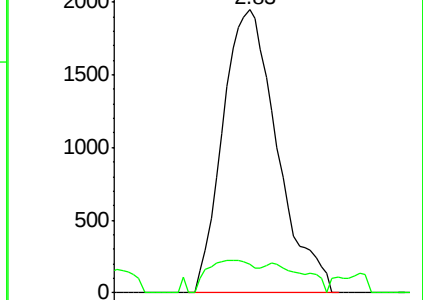
59 100

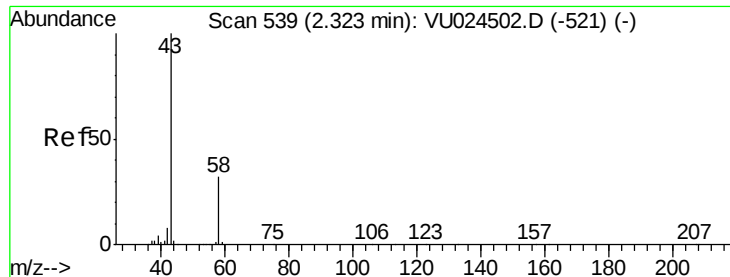
57 9.6 8.5 12.7



Abundance Ion 59.00 (58.70 to 59.70): VU024502.D (-676) (-)

Ion 57.00 (56.70 to 57.70): VU024502.D (-676) (-)





#16

Acetone

Concen: 20.587 ug/l

RT: 2.32 min Scan# 539

Delta R.T. -0.00 min

Lab File: VU024694.D

Acq: 18 Jun 2018 16:12

Instrument :

MSVOA_U

ClientSampleId :

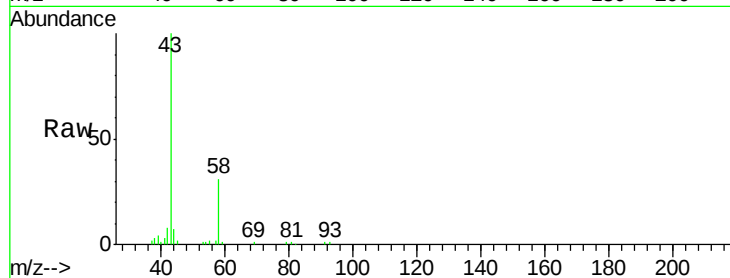
T11-MW-2-8.0-061218

Tgt Ion: 43 Resp: 34093

Ion Ratio Lower Upper

43 100

58 31.3 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

25000

20000

15000

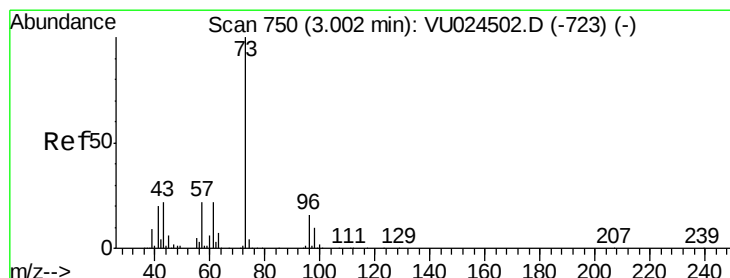
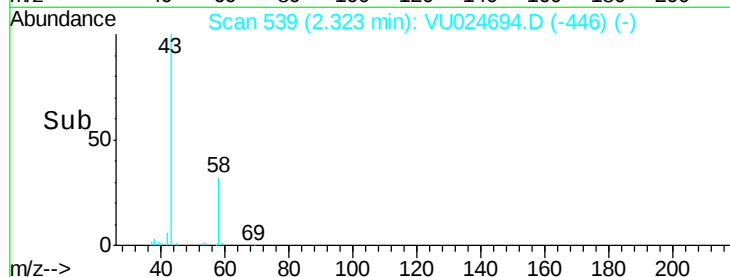
10000

5000

0

2.25 2.30 2.35 2.40

Time-->



#19

Methyl tert-butyl Ether

Concen: 4.632 ug/l

RT: 3.00 min Scan# 751

Delta R.T. 0.00 min

Lab File: VU024694.D

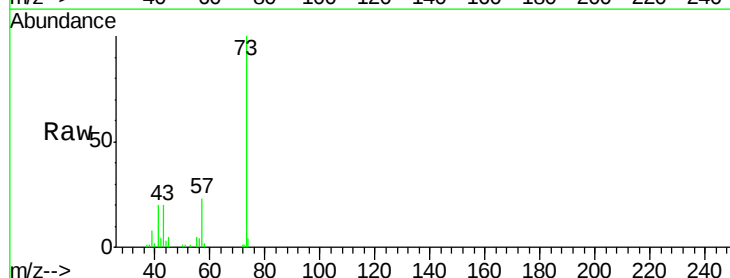
Acq: 18 Jun 2018 16:12

Tgt Ion: 73 Resp: 37429

Ion Ratio Lower Upper

73 100

57 22.9 18.8 28.2



Abundance Ion 73.00 (72.70 to 73.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

20000

15000

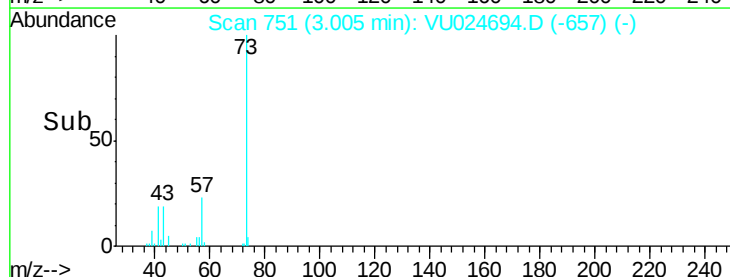
10000

5000

0

2.90 2.95 3.00 3.05 3.10

Time-->

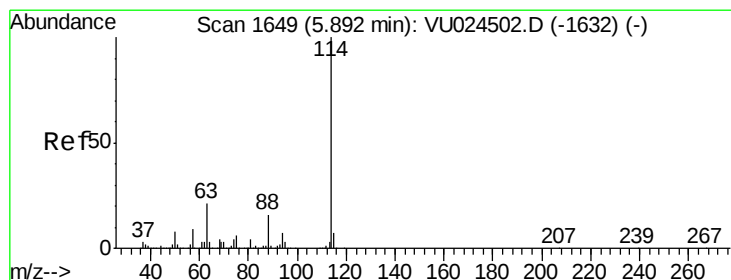
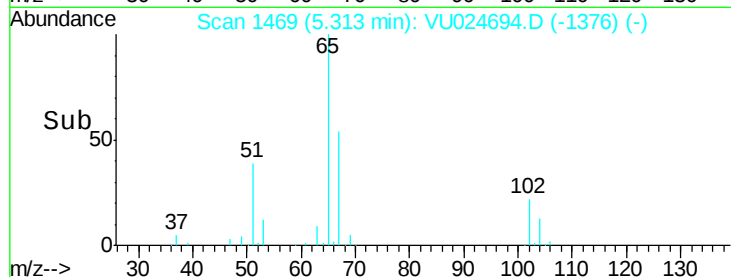
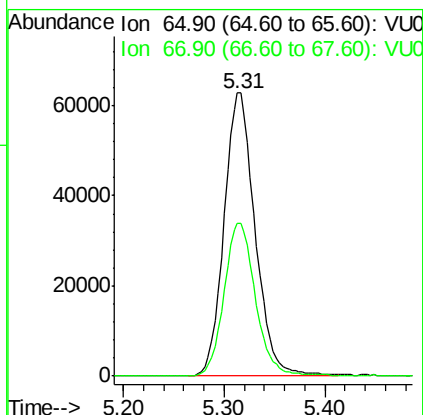
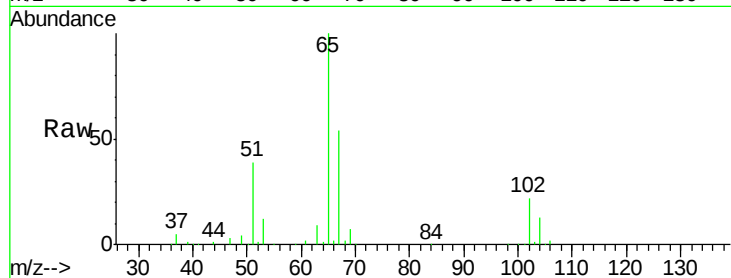




#33
 1,2-Dichloroethane-d4
 Concen: 43.695 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VU024694.D
 Acq: 18 Jun 2018 16:12

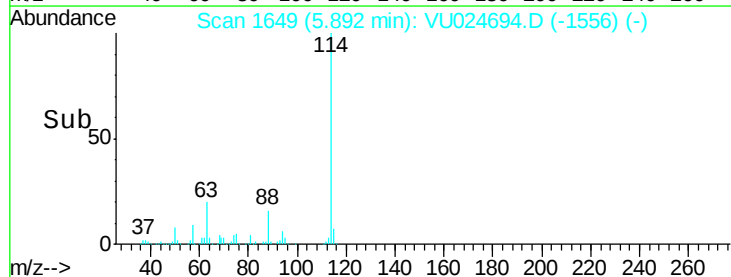
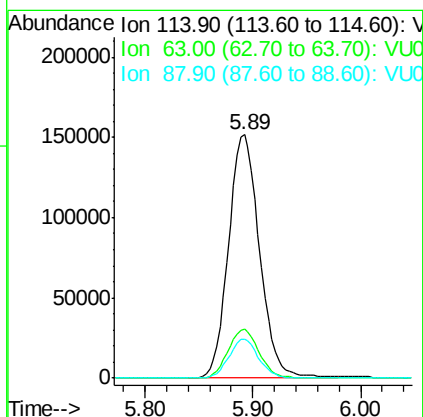
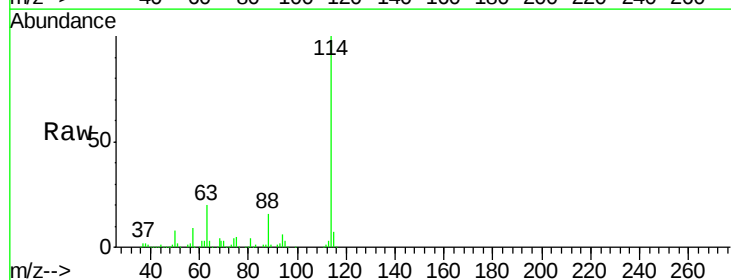
Instrument :
 MSVOA_U
 ClientSampleId :
 T11-MW-2-8.0-061218

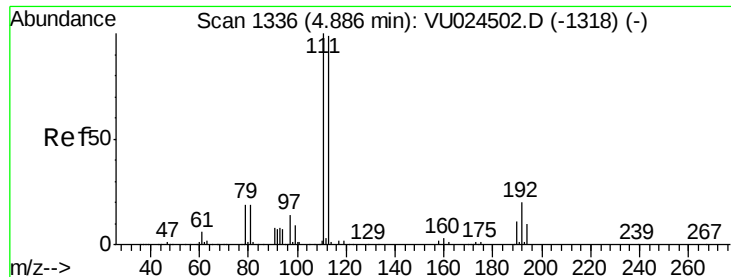
Tgt Ion: 65 Resp: 134675
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. -0.00 min
 Lab File: VU024694.D
 Acq: 18 Jun 2018 16:12

Tgt Ion: 114 Resp: 303176
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 45.4
 88 16.2 0.0 31.0

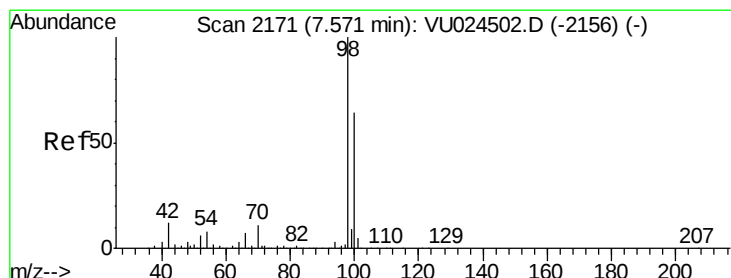
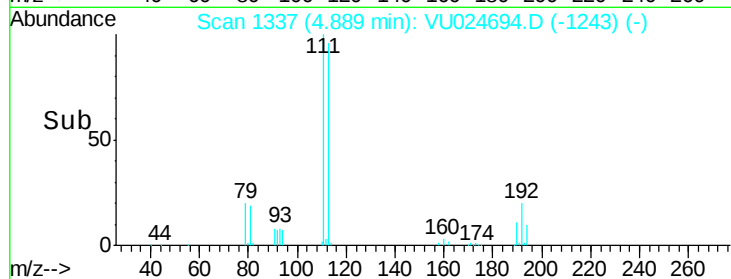
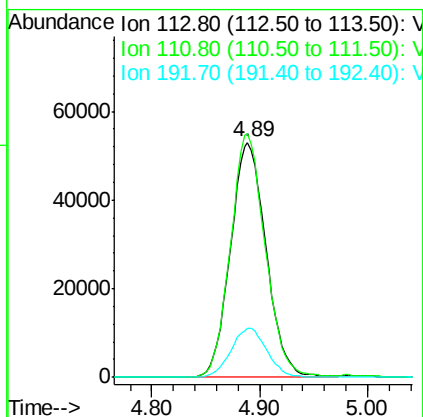
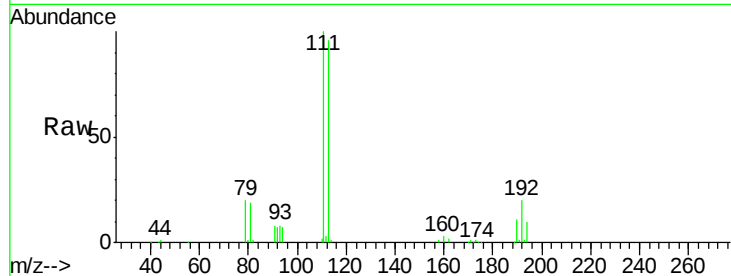




#35
Dibromofluoromethane
Concen: 48.419 ug/l
RT: 4.89 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VU024694.D
Acq: 18 Jun 2018 16:12

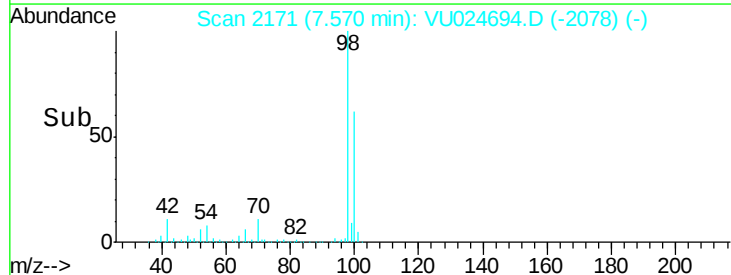
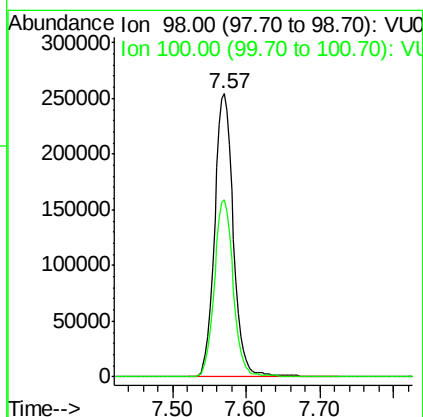
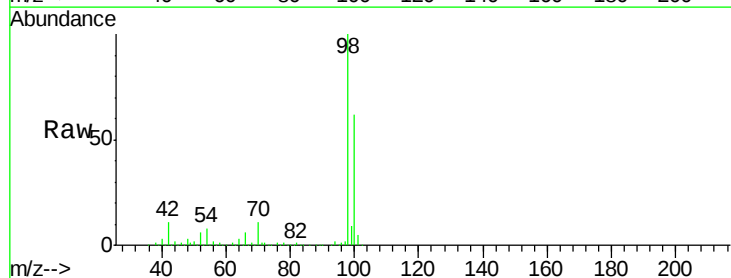
Instrument :
MSVOA_U
ClientSampleId :
T11-MW-2-8.0-061218

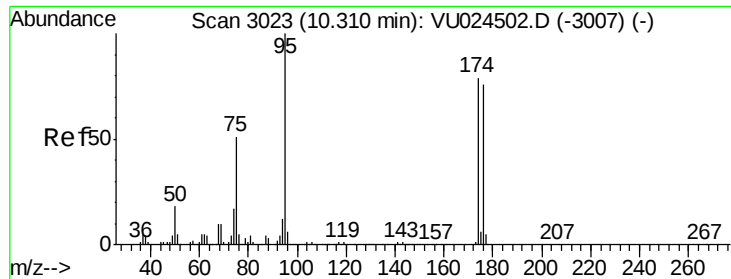
Tgt Ion:113 Resp: 121828
Ion Ratio Lower Upper
113 100
111 101.5 82.2 123.4
192 21.1 16.2 24.4



#50
Toluene-d8
Concen: 48.838 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VU024694.D
Acq: 18 Jun 2018 16:12

Tgt Ion: 98 Resp: 448227
Ion Ratio Lower Upper
98 100
100 62.5 51.1 76.7





#62

4-Bromofluorobenzene

Concen: 42.880 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU024694.D

Acq: 18 Jun 2018 16:12

Instrument :

MSVOA_U

ClientSampleId :

T11-MW-2-8.0-061218

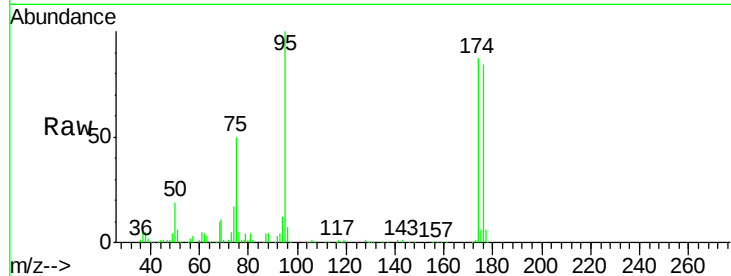
Tgt Ion: 95 Resp: 156254

Ion Ratio Lower Upper

95 100

174 86.5 0.0 165.8

176 85.2 0.0 159.4

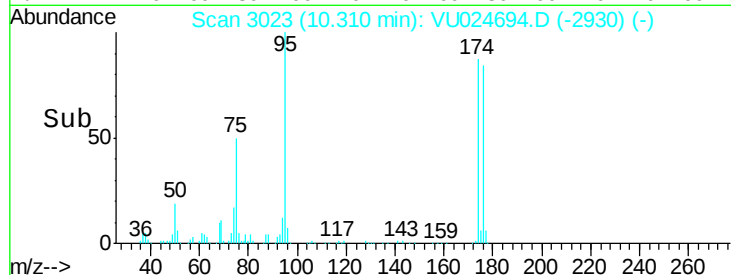


Abundance Ion 94.90 (94.60 to 95.60): VU024502.D (-3007) (-)

Ion 173.80 (173.50 to 174.50): VU024502.D (-3007) (-)

Ion 175.80 (175.50 to 176.50): VU024502.D (-3007) (-)

Time-->

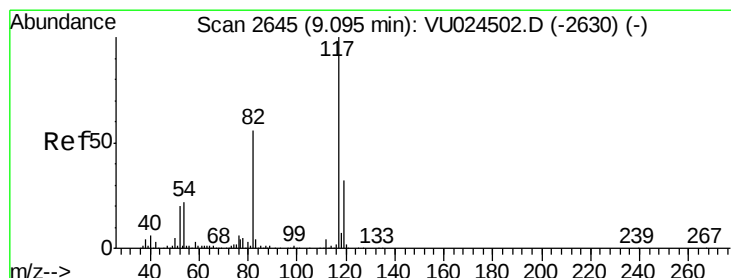


Abundance Ion 94.90 (94.60 to 95.60): VU024694.D (-2930) (-)

Ion 173.80 (173.50 to 174.50): VU024694.D (-2930) (-)

Ion 175.80 (175.50 to 176.50): VU024694.D (-2930) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2645

Delta R.T. -0.00 min

Lab File: VU024694.D

Acq: 18 Jun 2018 16:12

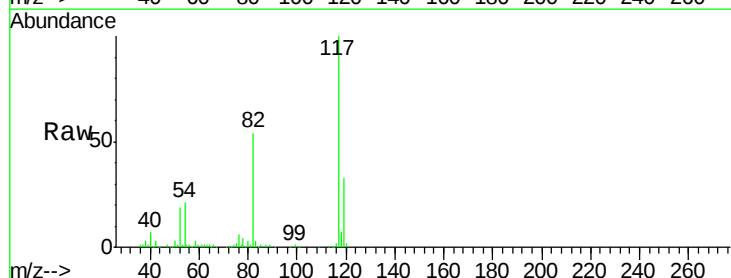
Tgt Ion: 117 Resp: 283342

Ion Ratio Lower Upper

117 100

82 53.9 44.3 66.5

119 32.6 25.4 38.2

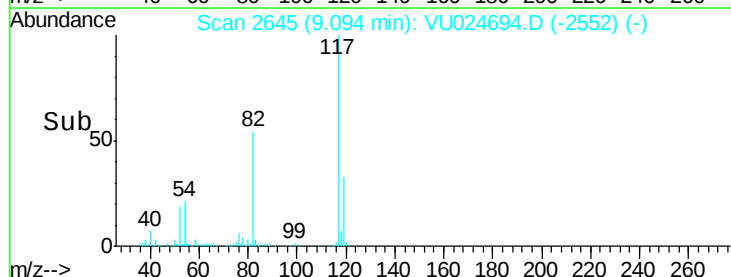


Abundance Ion 116.90 (116.60 to 117.60): VU024502.D (-2630) (-)

Ion 82.00 (81.70 to 82.70): VU024502.D (-2630) (-)

Ion 118.90 (118.60 to 119.60): VU024502.D (-2630) (-)

Time-->

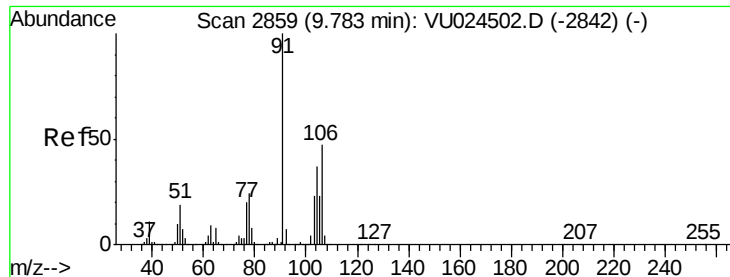


Abundance Ion 116.90 (116.60 to 117.60): VU024694.D (-2552) (-)

Ion 82.00 (81.70 to 82.70): VU024694.D (-2552) (-)

Ion 118.90 (118.60 to 119.60): VU024694.D (-2552) (-)

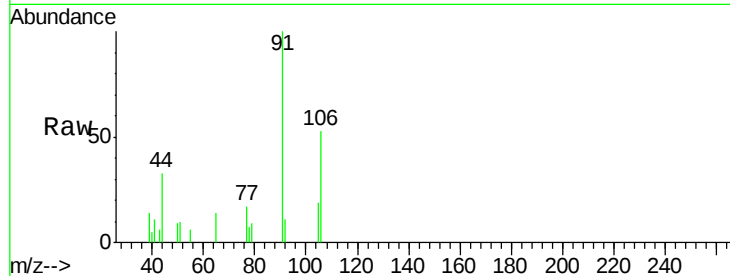
Time-->



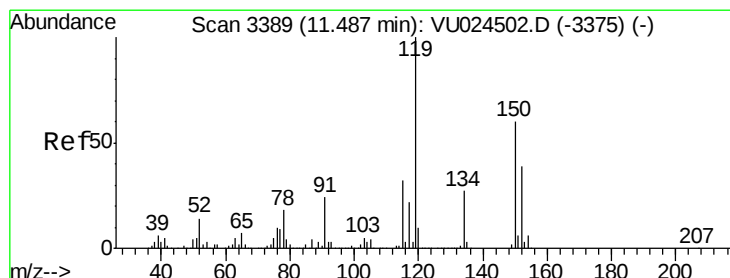
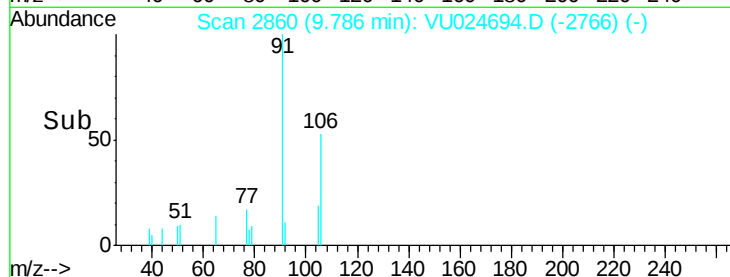
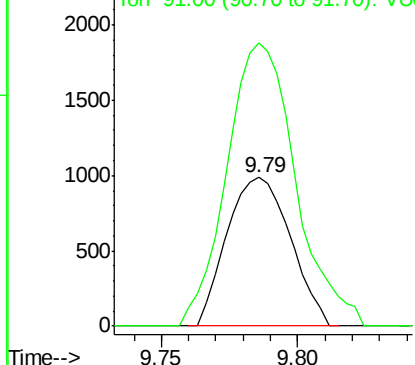
#69
o-Xylene
Concen: 0.332 ug/l
RT: 9.79 min Scan# 2860
Delta R.T. 0.00 min
Lab File: VU024694.D
Acq: 18 Jun 2018 16:12

Instrument :
MSVOA_U
ClientSampleId :
T11-MW-2-8.0-061218

Tgt Ion:106 Resp: 1599
Ion Ratio Lower Upper
106 100
91 205.9 110.7 331.9

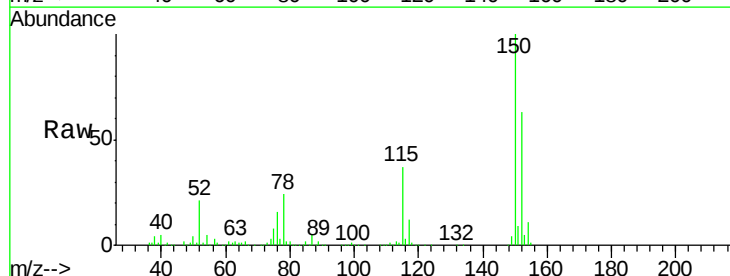


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

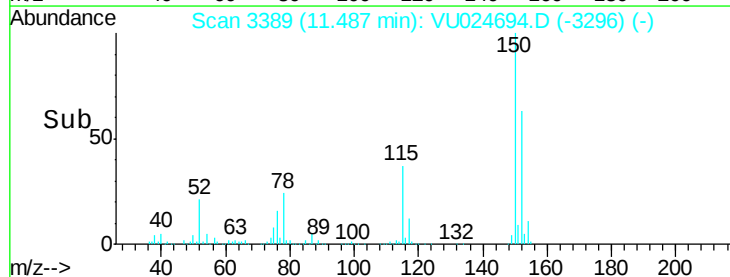
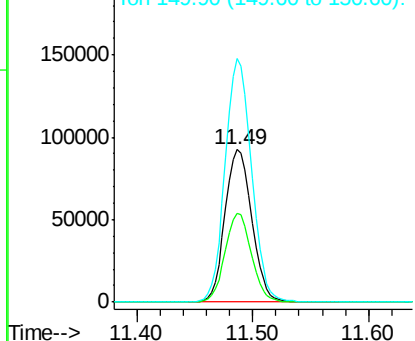


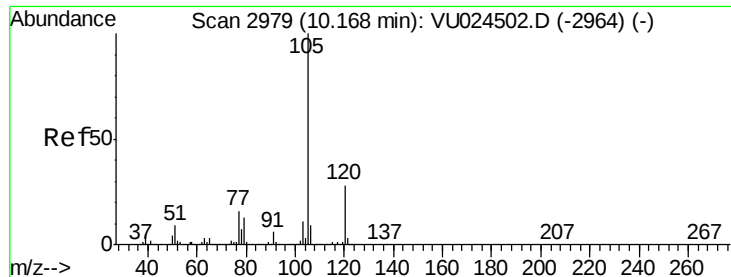
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. -0.00 min
Lab File: VU024694.D
Acq: 18 Jun 2018 16:12

Tgt Ion:152 Resp: 148219
Ion Ratio Lower Upper
152 100
115 57.0 43.0 129.0
150 156.7 0.0 354.0



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: 1.167 ug/l

RT: 10.17 min Scan# 2980

Delta R.T. 0.00 min

Lab File: VU024694.D

Acq: 18 Jun 2018 16:12

Instrument :

MSVOA_U

ClientSampleId :

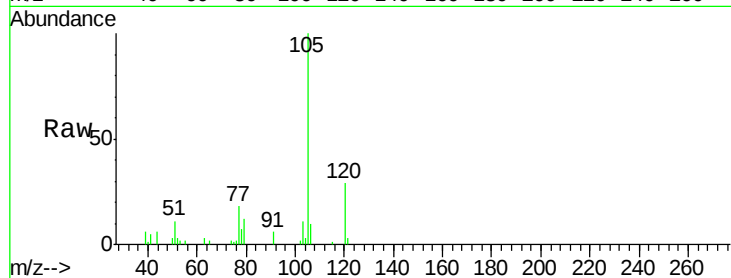
T11-MW-2-8.0-061218

Tgt Ion: 105 Resp: 13280

Ion Ratio Lower Upper

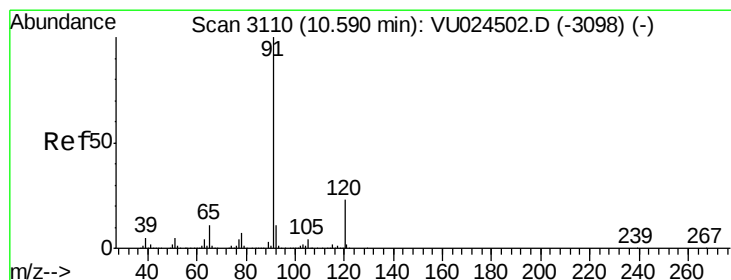
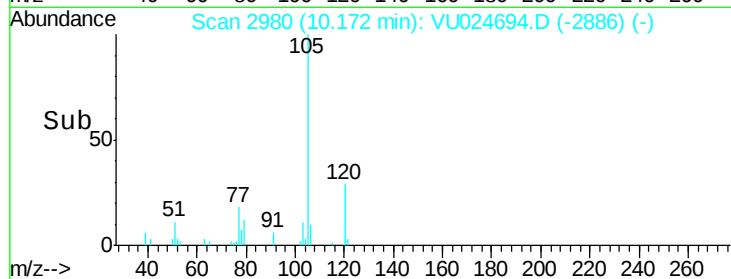
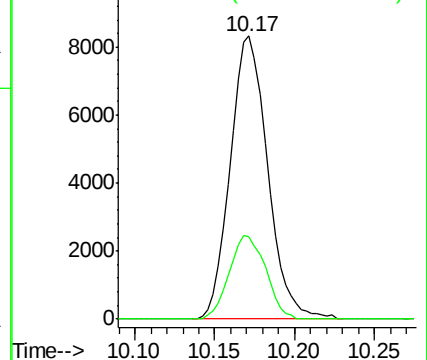
105 100

120 28.6 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 0.227 ug/l

RT: 10.60 min Scan# 3112

Delta R.T. 0.01 min

Lab File: VU024694.D

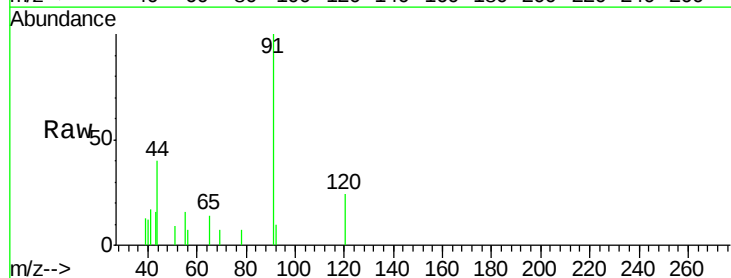
Acq: 18 Jun 2018 16:12

Tgt Ion: 91 Resp: 3046

Ion Ratio Lower Upper

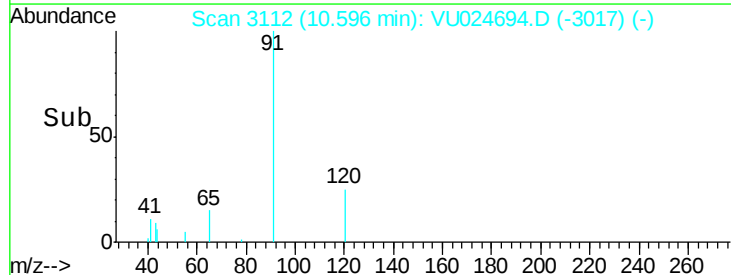
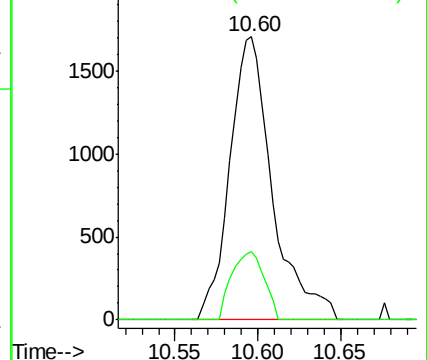
91 100

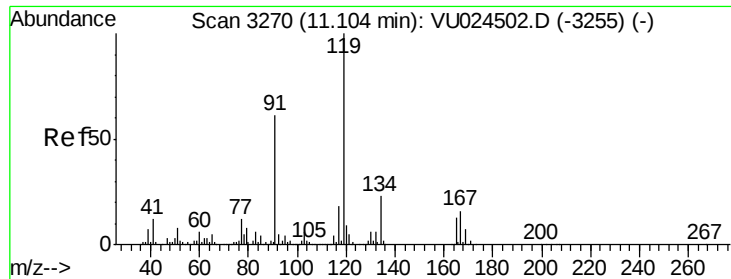
120 18.2 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

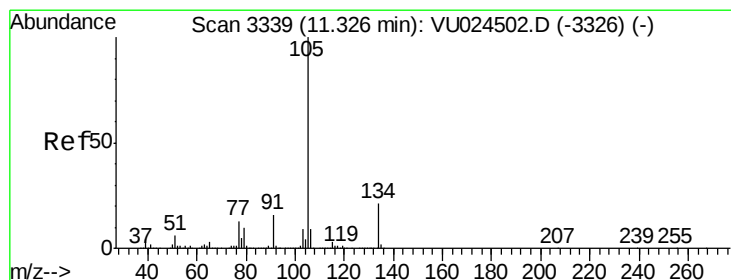
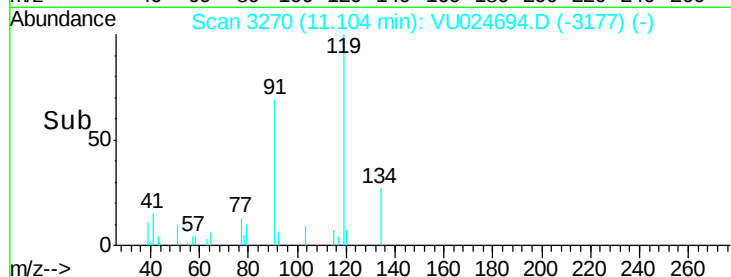
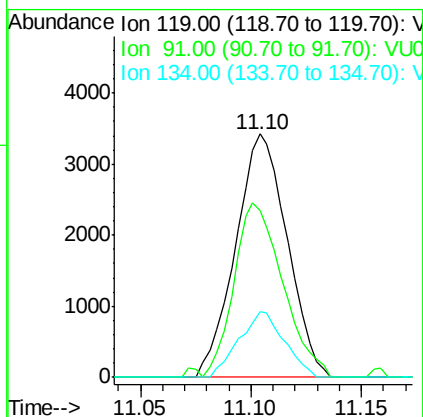
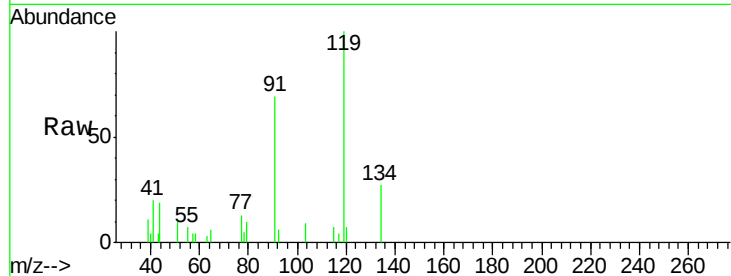




#83
tert-Butylbenzene
Concen: 0.586 ug/l
RT: 11.10 min Scan# 3270
Delta R.T. -0.00 min
Lab File: VU024694.D
Acq: 18 Jun 2018 16:12

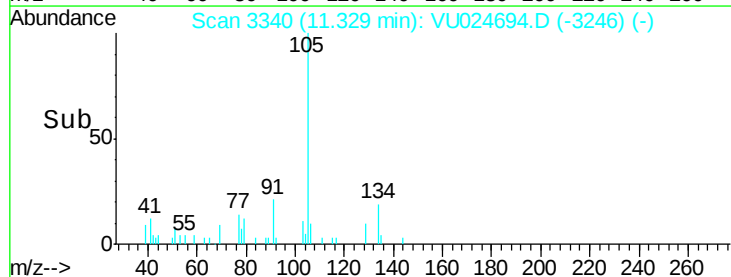
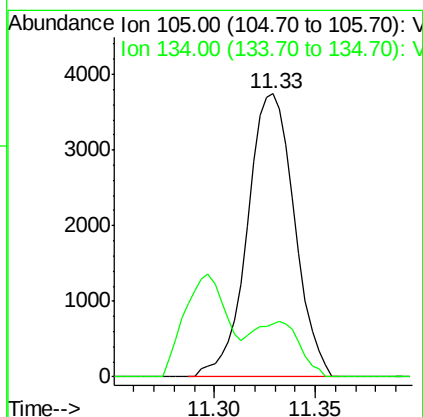
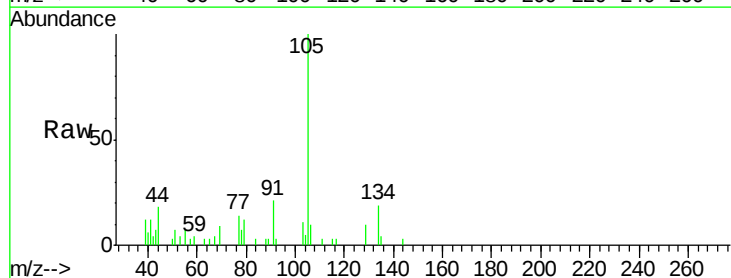
Instrument :
MSVOA_U
ClientSampleId :
T11-MW-2-8.0-061218

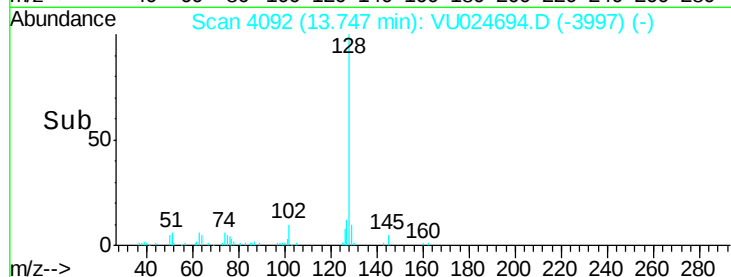
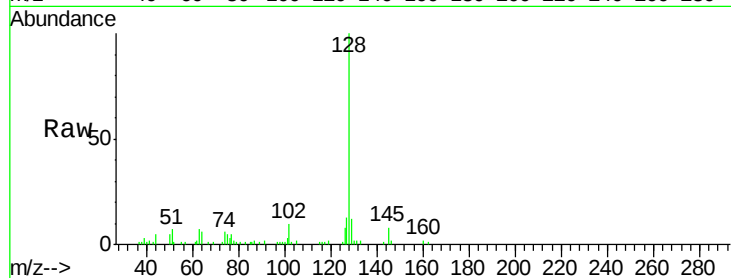
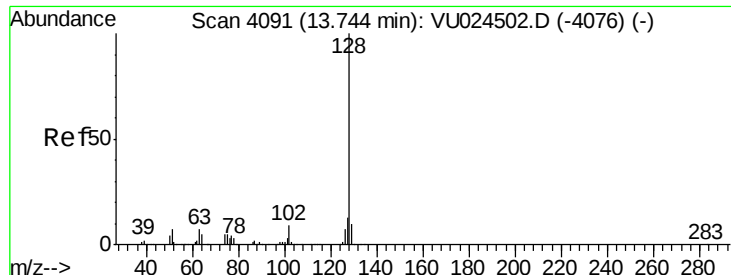
Tgt Ion:119 Resp: 5561
Ion Ratio Lower Upper
119 100
91 68.7 29.7 89.1
134 23.7 11.6 34.7



#85
sec-Butylbenzene
Concen: 0.514 ug/l
RT: 11.33 min Scan# 3340
Delta R.T. 0.00 min
Lab File: VU024694.D
Acq: 18 Jun 2018 16:12

Tgt Ion:105 Resp: 6108
Ion Ratio Lower Upper
105 100
134 18.1 9.7 29.1





#95

Naphthalene

Concen: 3.926 ug/l

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU024694.D

Acq: 18 Jun 2018 16:12

Instrument :

MSVOA_U

ClientSampleId :

T11-MW-2-8.0-061218

Tgt Ion:128 Resp: 35868

Ion Ratio Lower Upper

128 100

127 14.3 10.6 16.0

129 13.6 8.6 12.8#

