

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072718\
 Data File : VU025699.D
 Acq On : 28 Jul 2018 03:49
 Operator : MD/SY
 Sample : J4154-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0506

Quant Time: Jul 30 08:59:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 27 13:11:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	173695	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	271062	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	263094	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	154038	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	134644	49.75	ug/l	0.00
Spiked Amount			Recovery	=	99.50%	
35) Dibromofluoromethane	4.89	113	112409	47.68	ug/l	0.00
Spiked Amount			Recovery	=	95.36%	
50) Toluene-d8	7.57	98	397586	48.19	ug/l	0.00
Spiked Amount			Recovery	=	96.38%	
62) 4-Bromofluorobenzene	10.31	95	150752	47.08	ug/l	0.00
Spiked Amount			Recovery	=	94.16%	

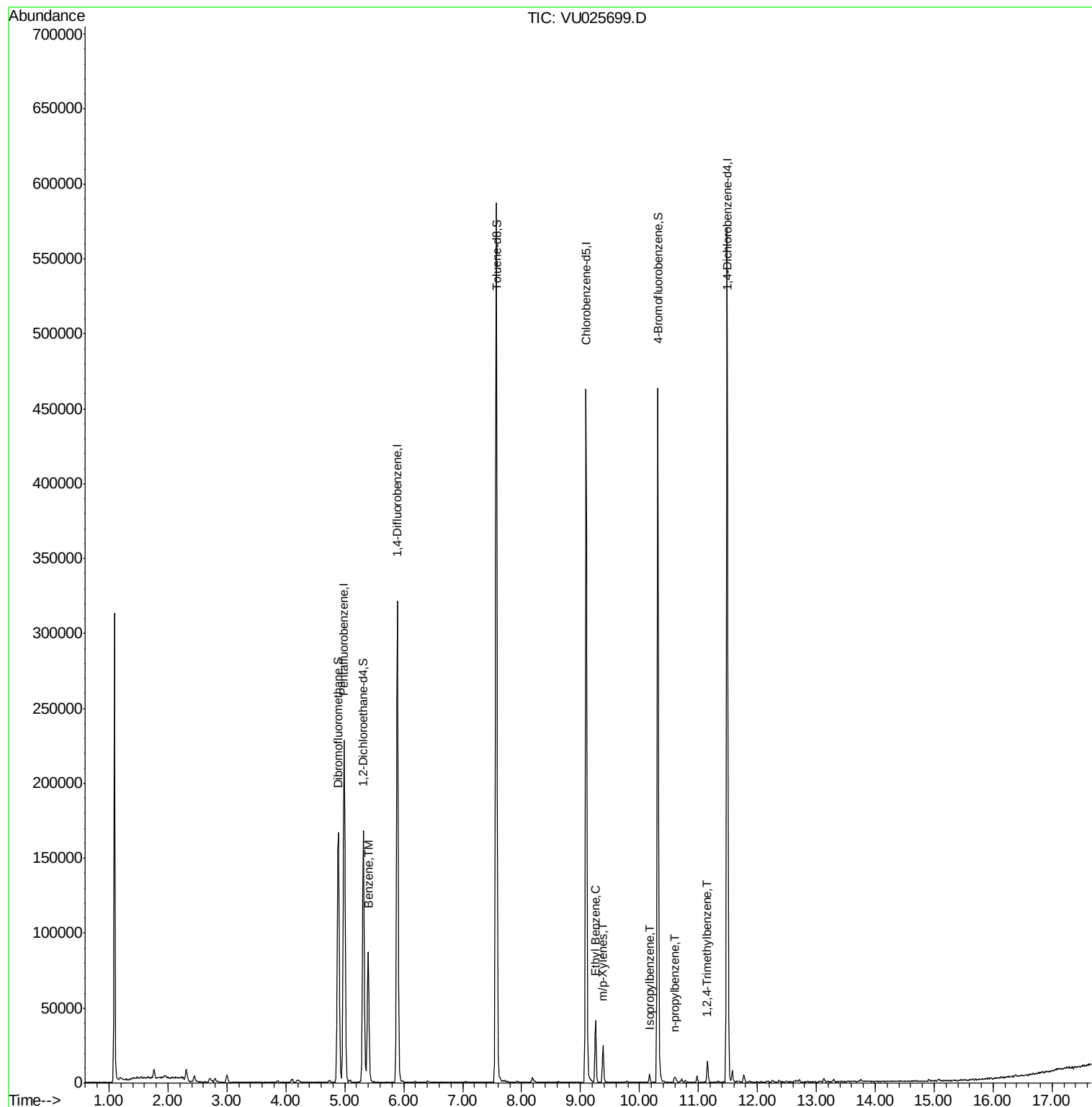
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
40) Benzene	5.40	78	84371	9.11	ug/l	98
67) Ethyl Benzene	9.25	91	28568	2.54	ug/l	97
68) m/p-Xylenes	9.38	106	7062	1.64	ug/l	92
73) Isopropylbenzene	10.17	105	3819	0.36	ug/l	96
78) n-propylbenzene	10.59	91	2997	0.24	ug/l	93
84) 1,2,4-Trimethylbenzene	11.15	105	7944	0.88	ug/l	100

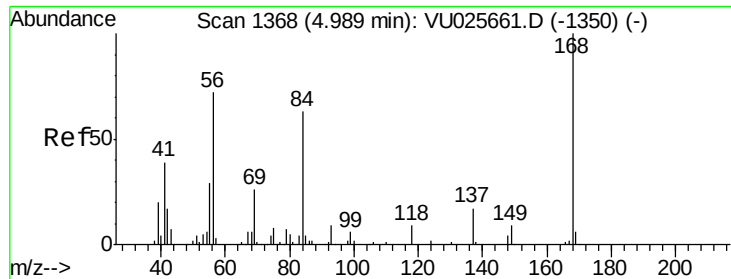
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025699.D

Acq: 28 Jul 2018 03:49

Instrument :

MSVOA_U

ClientSampleId :

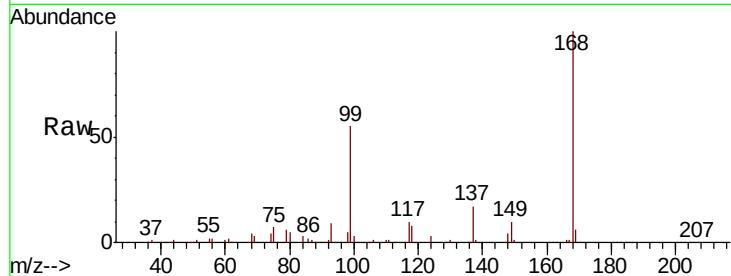
FL-0506

Tot Ion:168 Resp: 173695

Ion Ratio Lower Upper

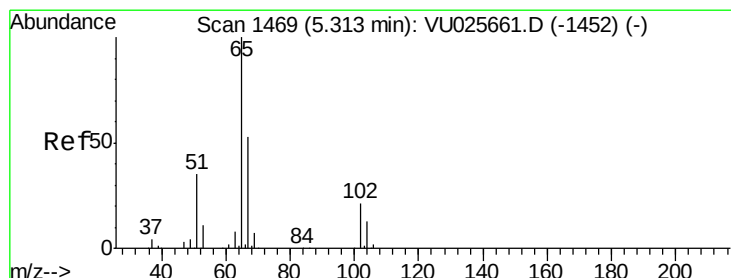
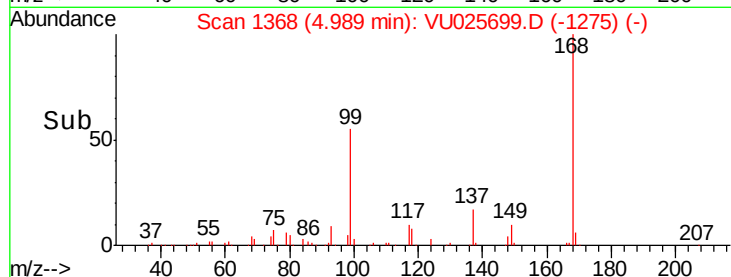
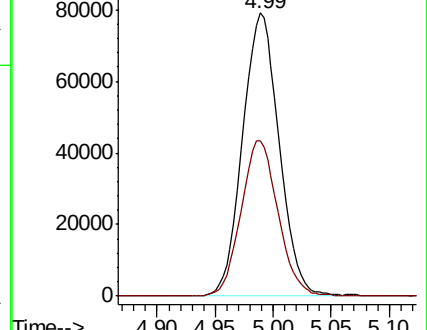
168 100

99 55.0 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VU025661.D (-1350) (-)

Ion 98.90 (98.60 to 99.60): VU025661.D (-1350) (-)



#33

1,2-Dichloroethane-d4

Concen: 49.75 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU025699.D

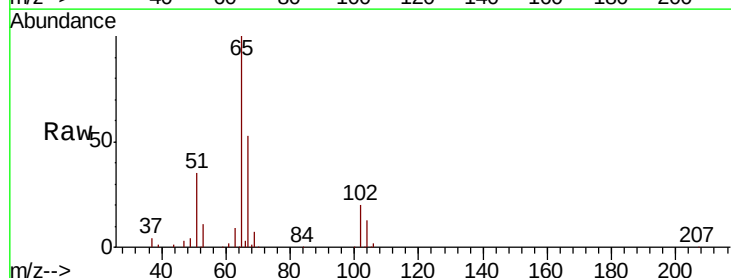
Acq: 28 Jul 2018 03:49

Tgt Ion: 65 Resp: 134644

Ion Ratio Lower Upper

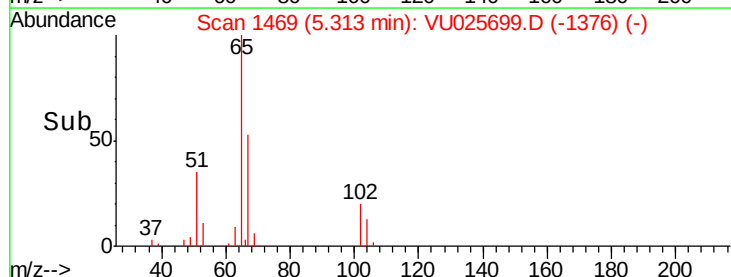
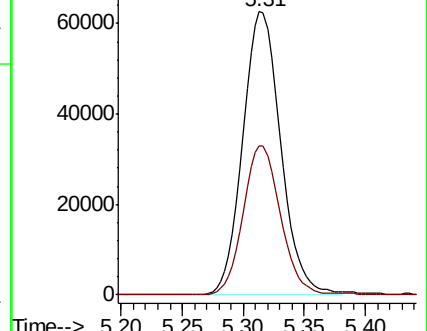
65 100

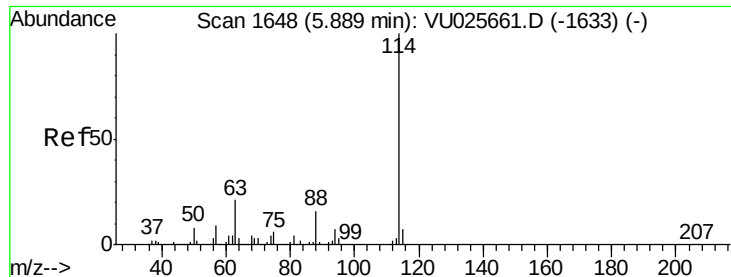
67 52.1 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VU025661.D (-1452) (-)

Ion 66.90 (66.60 to 67.60): VU025661.D (-1452) (-)

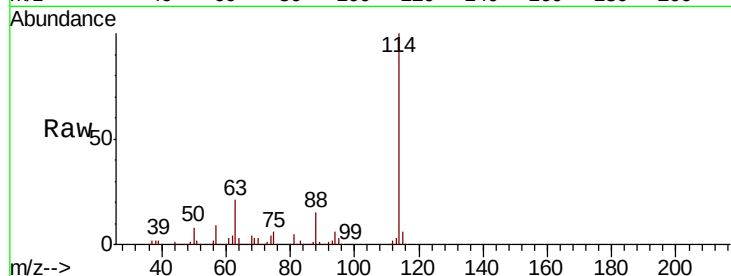




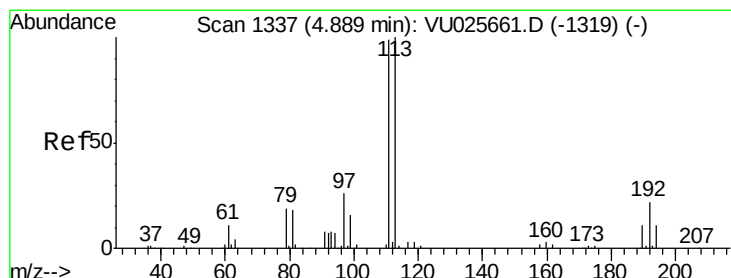
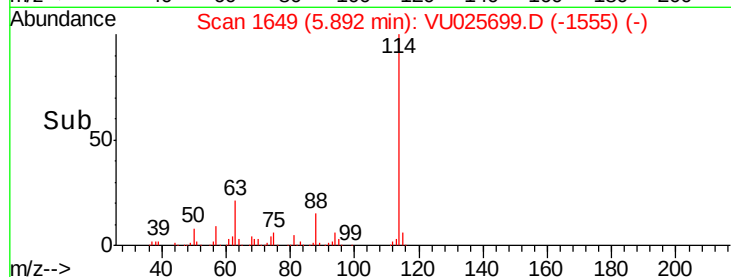
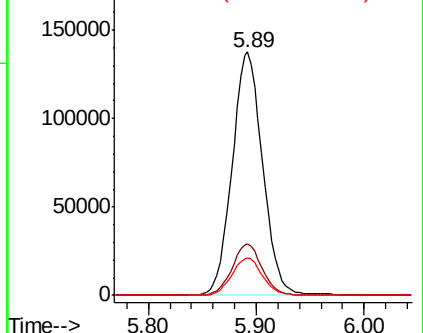
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 5.89 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VU025699.D
Acq: 28 Jul 2018 03:49

Instrument :
MSVOA_U
ClientSampleId :
FL-0506

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	41.6
88	15.5	0.0	32.4

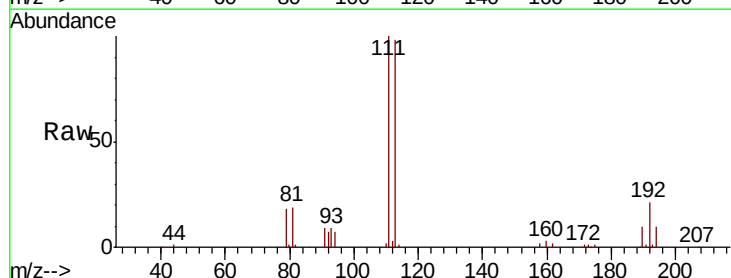


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VU0
Ion 87.90 (87.60 to 88.60): VU0

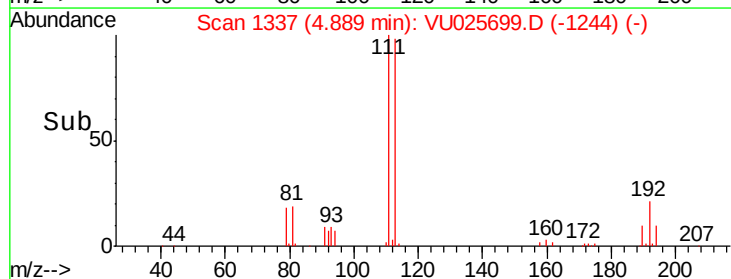
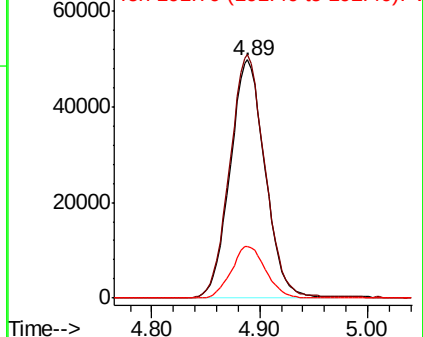


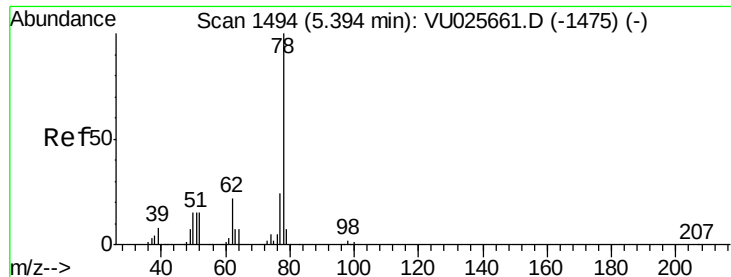
#35
Dibromofluoromethane
Concen: 47.68 ug/l
RT: 4.89 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VU025699.D
Acq: 28 Jul 2018 03:49

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.7	122.5
192	21.3	17.1	25.7



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





#40

Benzene

Concen: 9.11 ug/l

RT: 5.40 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VU025699.D

Acq: 28 Jul 2018 03:49

Instrument :

MSVOA_U

ClientSampleId :

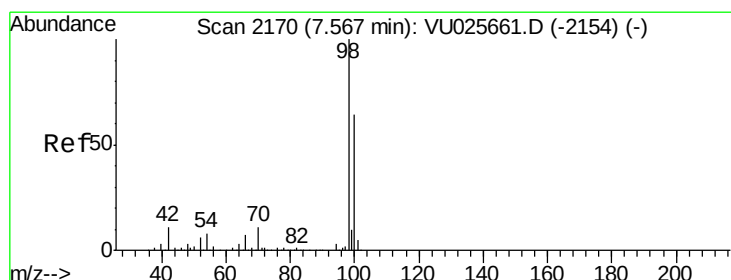
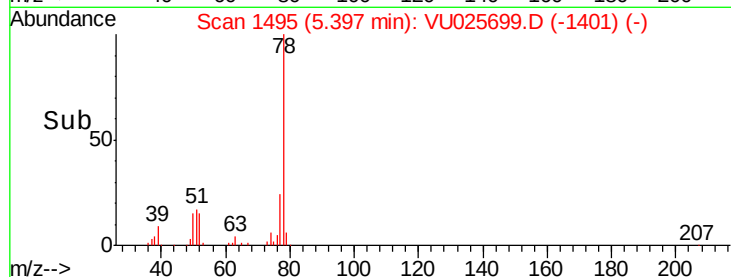
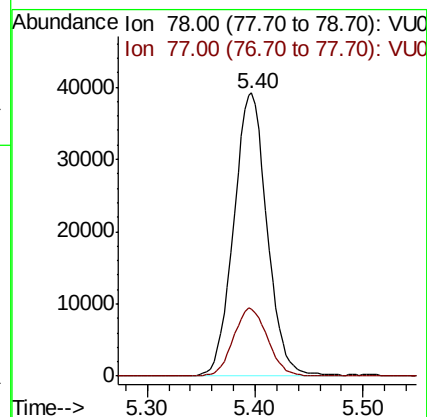
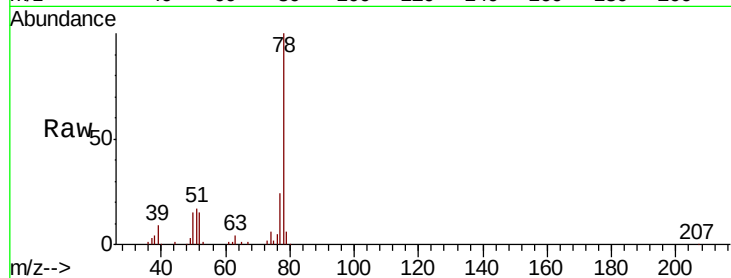
FL-0506

Tot Ion: 78 Resp: 84371

Ion Ratio Lower Upper

78 100

77 23.9 19.8 29.6



#50

Toluene-d8

Concen: 48.19 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. 0.00 min

Lab File: VU025699.D

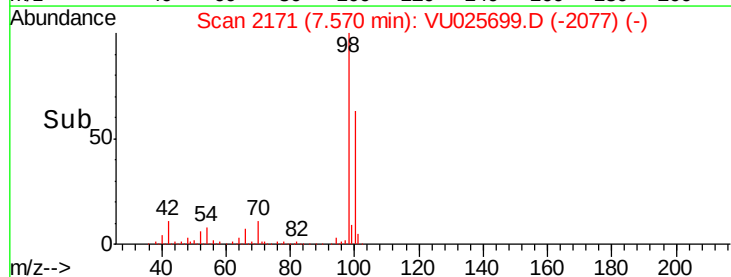
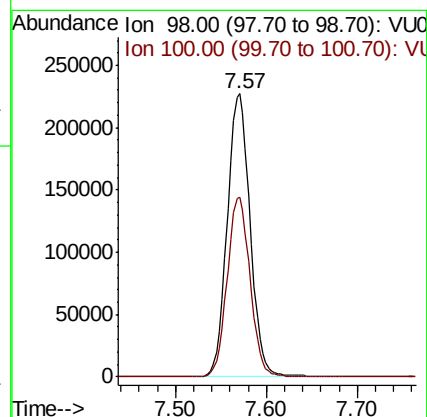
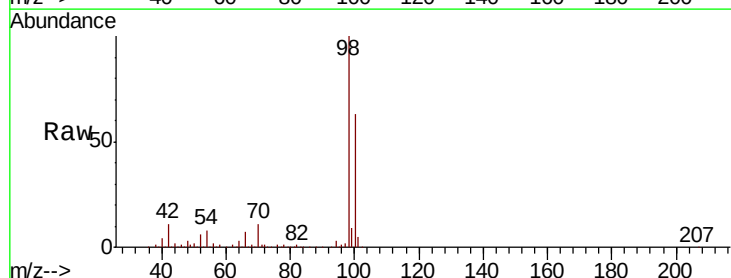
Acq: 28 Jul 2018 03:49

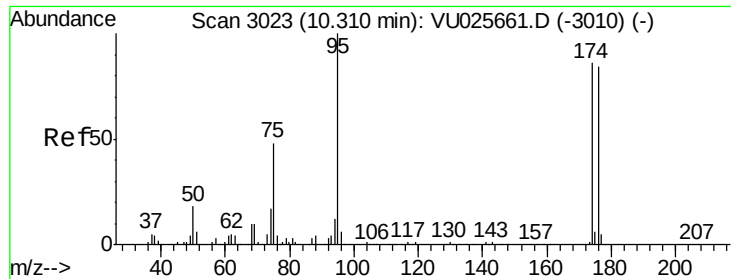
Tgt Ion: 98 Resp: 397586

Ion Ratio Lower Upper

98 100

100 63.3 51.1 76.7

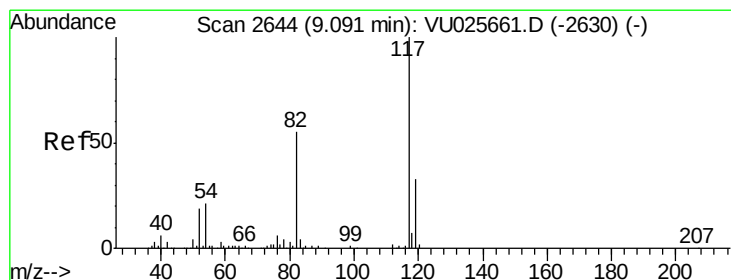
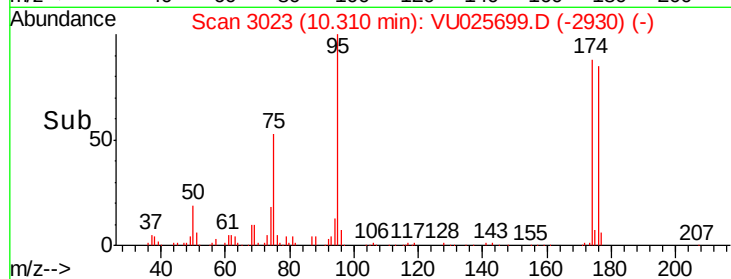
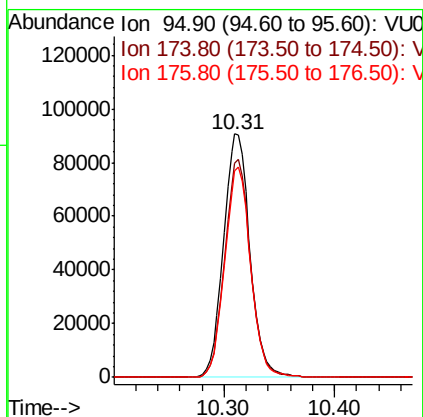
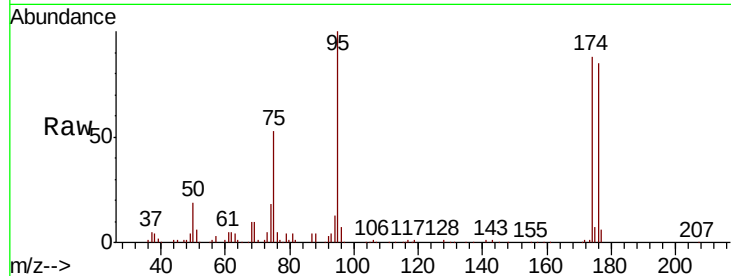




#62
4-Bromofluorobenzene
Concen: 47.08 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU025699.D
Acq: 28 Jul 2018 03:49

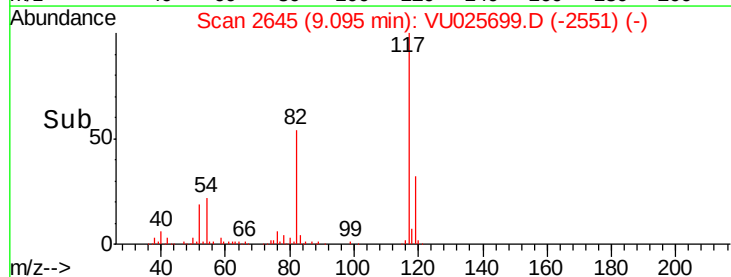
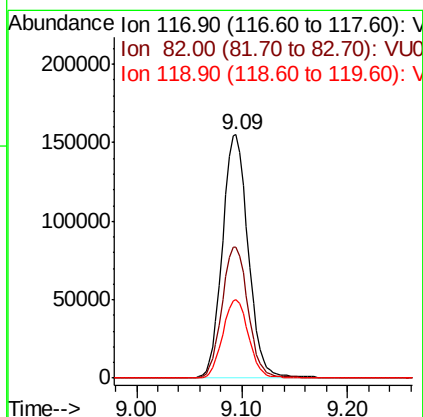
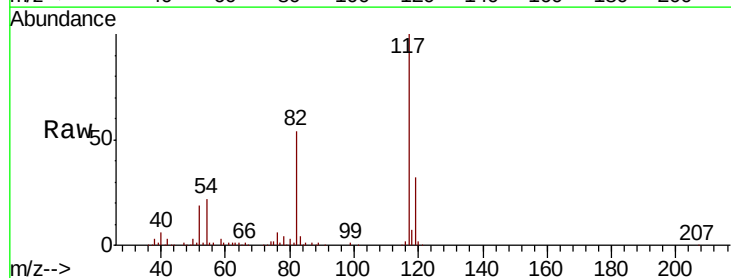
Instrument :
MSVOA_U
ClientSampleId :
FL-0506

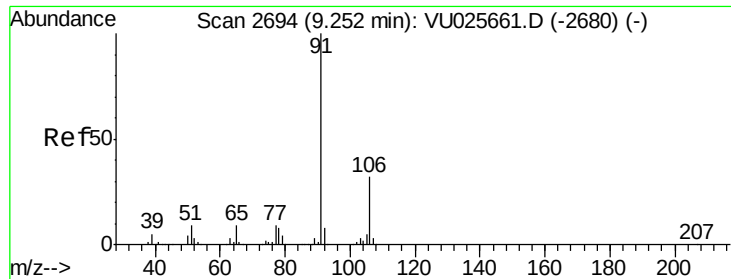
Tot Ion: 95 Resp: 150752
Ion Ratio Lower Upper
95 100
174 87.8 0.0 172.2
176 84.8 0.0 162.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025699.D
Acq: 28 Jul 2018 03:49

Tgt Ion: 117 Resp: 263094
Ion Ratio Lower Upper
117 100
82 54.0 46.0 69.0
119 32.2 26.0 39.0

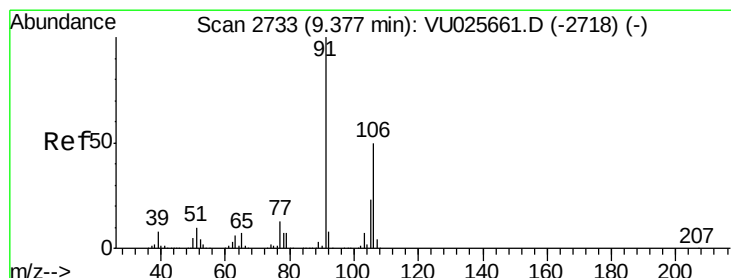
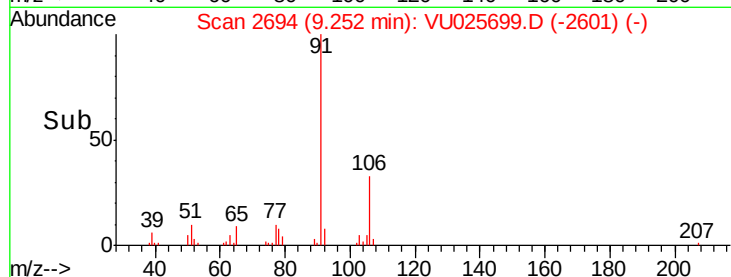
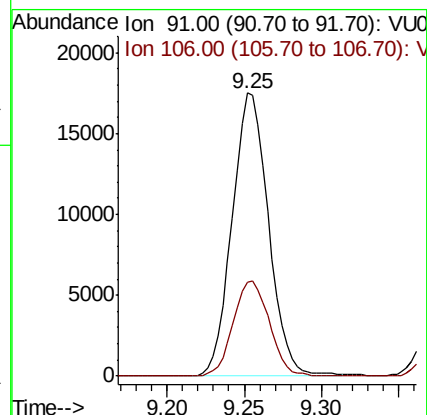
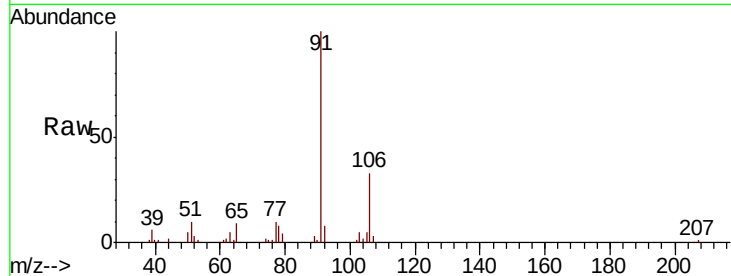




#67
Ethyl Benzene
Concen: 2.54 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU025699.D
Acq: 28 Jul 2018 03:49

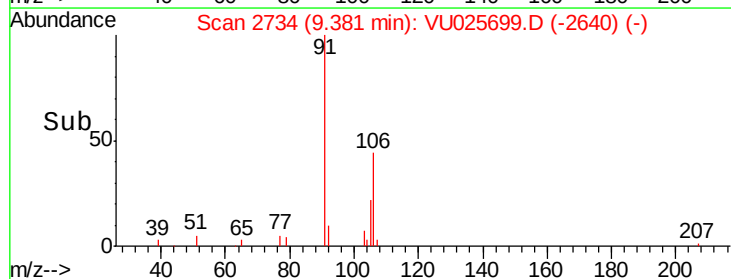
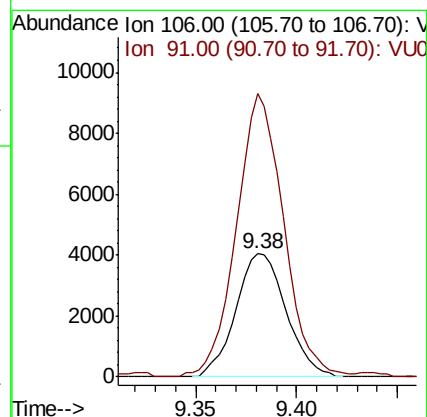
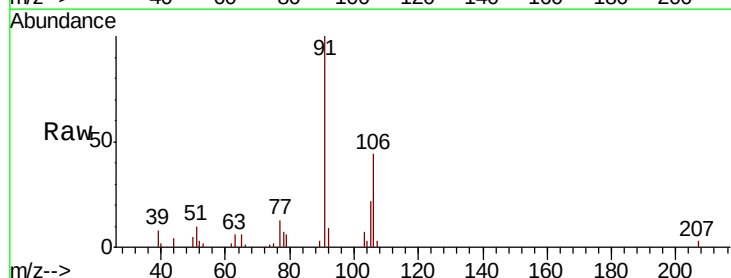
Instrument :
MSVOA_U
ClientSampleId :
FL-0506

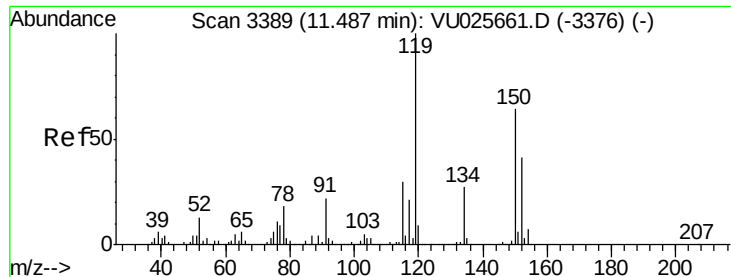
Tot Ion: 91 Resp: 28568
Ion Ratio Lower Upper
91 100
106 33.4 25.3 37.9



#68
m/p-Xylenes
Concen: 1.64 ug/l
RT: 9.38 min Scan# 2734
Delta R.T. 0.00 min
Lab File: VU025699.D
Acq: 28 Jul 2018 03:49

Tgt Ion: 106 Resp: 7062
Ion Ratio Lower Upper
106 100
91 215.7 162.3 243.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025699.D

Acq: 28 Jul 2018 03:49

Instrument :

MSVOA_U

ClientSampleId :

FL-0506

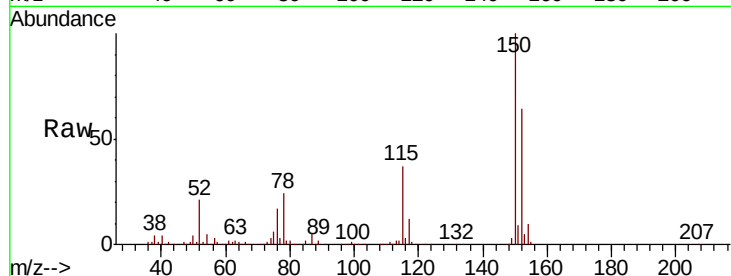
Tot Ion:152 Resp: 154038

Ion Ratio Lower Upper

152 100

115 57.7 40.1 120.3

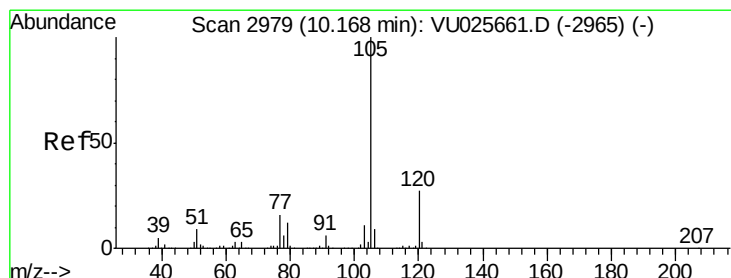
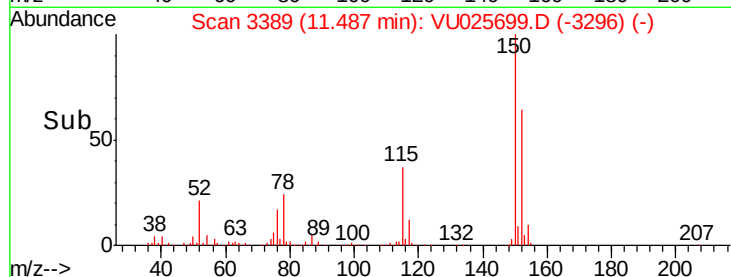
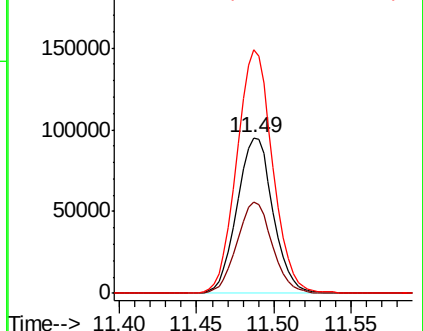
150 155.9 0.0 351.4



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: 0.36 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU025699.D

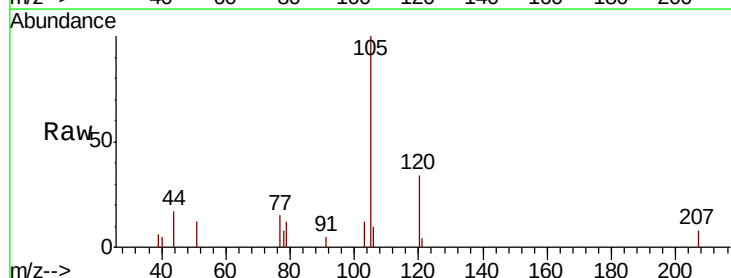
Acq: 28 Jul 2018 03:49

Tgt Ion:105 Resp: 3819

Ion Ratio Lower Upper

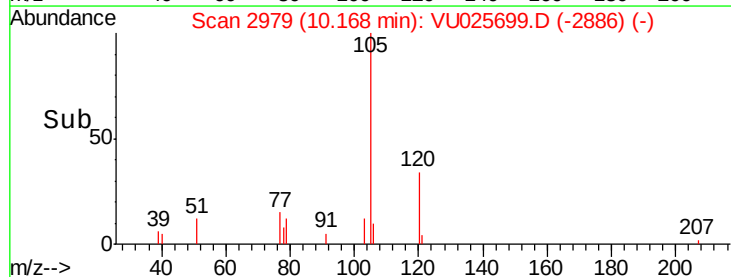
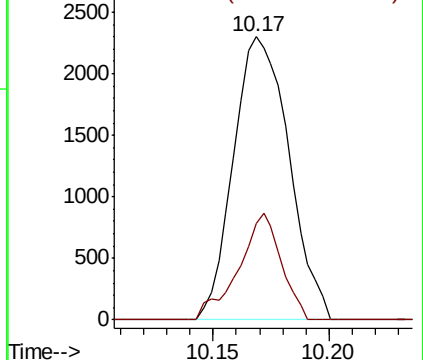
105 100

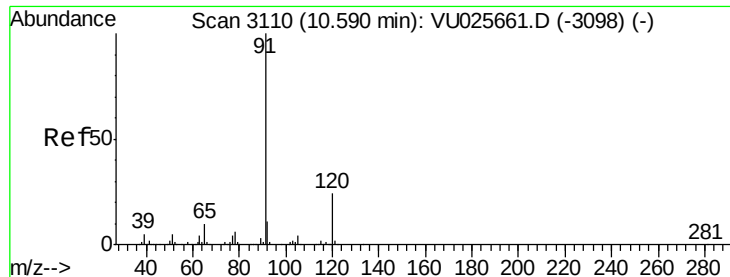
120 28.9 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 0.24 ug/l

RT: 10.59 min Scan# 3111

Delta R.T. 0.00 min

Lab File: VU025699.D

Acq: 28 Jul 2018 03:49

Instrument :

MSVOA_U

ClientSampleId :

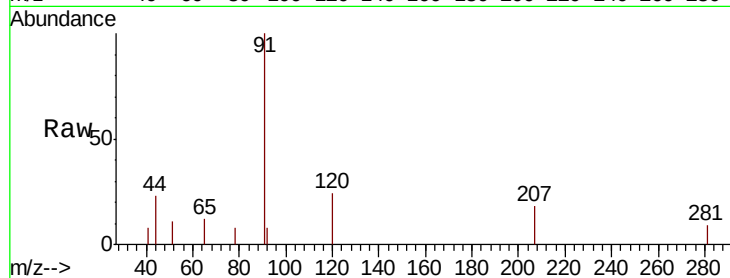
FL-0506

Tot Ion: 91 Resp: 2997

Ion Ratio Lower Upper

91 100

120 20.3 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VU025661.D (-3098) (-)

Ion 120.00 (119.70 to 120.70): VU025661.D (-3098) (-)

10.59

2000

1500

1000

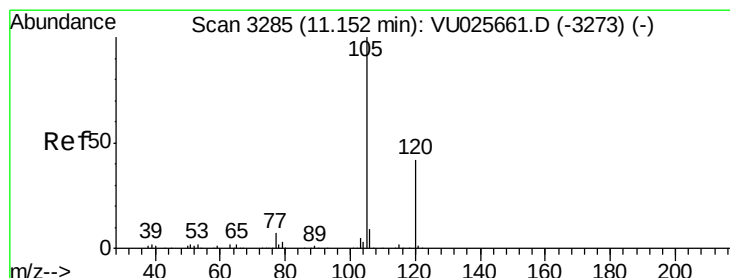
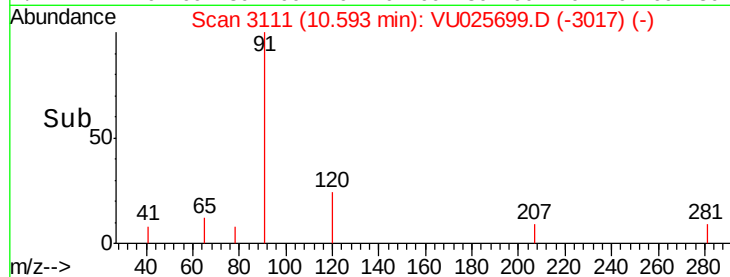
500

0

Time-->

10.55

10.60



#84

1,2,4-Trimethylbenzene

Concen: 0.88 ug/l

RT: 11.15 min Scan# 3285

Delta R.T. 0.00 min

Lab File: VU025699.D

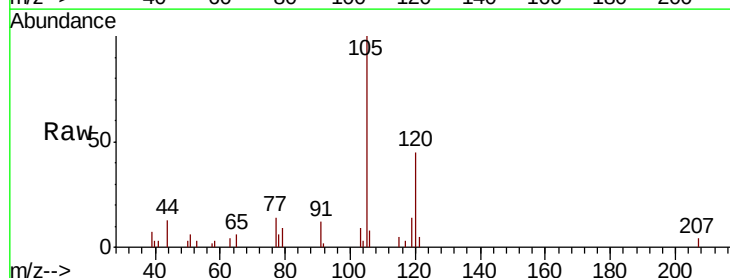
Acq: 28 Jul 2018 03:49

Tgt Ion: 105 Resp: 7944

Ion Ratio Lower Upper

105 100

120 44.3 22.3 66.8



Abundance Ion 105.00 (104.70 to 105.70): VU025661.D (-3273) (-)

Ion 120.00 (119.70 to 120.70): VU025661.D (-3273) (-)

11.15

6000

5000

4000

3000

2000

1000

0

Time-->

11.10

11.15

11.20

