

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU080618\
 Data File : VU025913.D
 Acq On : 07 Aug 2018 02:41
 Operator : MD/SY
 Sample : J4263-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0518

Manual Integrations
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MMDadoda
 8/20/2018 5:45:36 PM

Quant Time: Aug 08 04:06:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 00:49:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	192859	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	310397	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	302458	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	197966	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	146660	48.81	ug/l	0.00
Spiked Amount			Recovery	=	97.62%	
35) Dibromofluoromethane	4.89	113	127007	47.05	ug/l	0.00
Spiked Amount			Recovery	=	94.10%	
50) Toluene-d8	7.57	98	461134	48.81	ug/l	0.00
Spiked Amount			Recovery	=	97.62%	
62) 4-Bromofluorobenzene	10.31	95	181838	49.59	ug/l	0.00
Spiked Amount			Recovery	=	99.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	5.00	56	819738	218.65	ug/l	98
39) Methylcyclohexane	6.42	83	1113842	267.99	ug/l	98
40) Benzene	5.39	78	626853	59.12	ug/l	99
67) Ethyl Benzene	9.26	91	3043255	235.60	ug/l	100
68) m/p-Xylenes	9.38	106	209779	42.30	ug/l	99
73) Isopropylbenzene	10.17	105	1122671	83.09	ug/l	100
78) n-propylbenzene	10.59	91	1793564	113.73	ug/l	100
80) 1,3,5-Trimethylbenzene	10.78	105	166924	14.55	ug/l	99
83) tert-Butylbenzene	11.10	119	16836m	1.48	ug/l	
84) 1,2,4-Trimethylbenzene	11.16	105	5932289	510.16	ug/l	98
85) sec-Butylbenzene	11.33	105	207383	14.90	ug/l	99
86) p-Isopropyltoluene	11.48	119	70343	5.64	ug/l	99
89) n-Butylbenzene	11.89	91	99683m	8.67	ug/l	
95) Naphthalene	13.74	128	1365928	91.85	ug/l	99

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

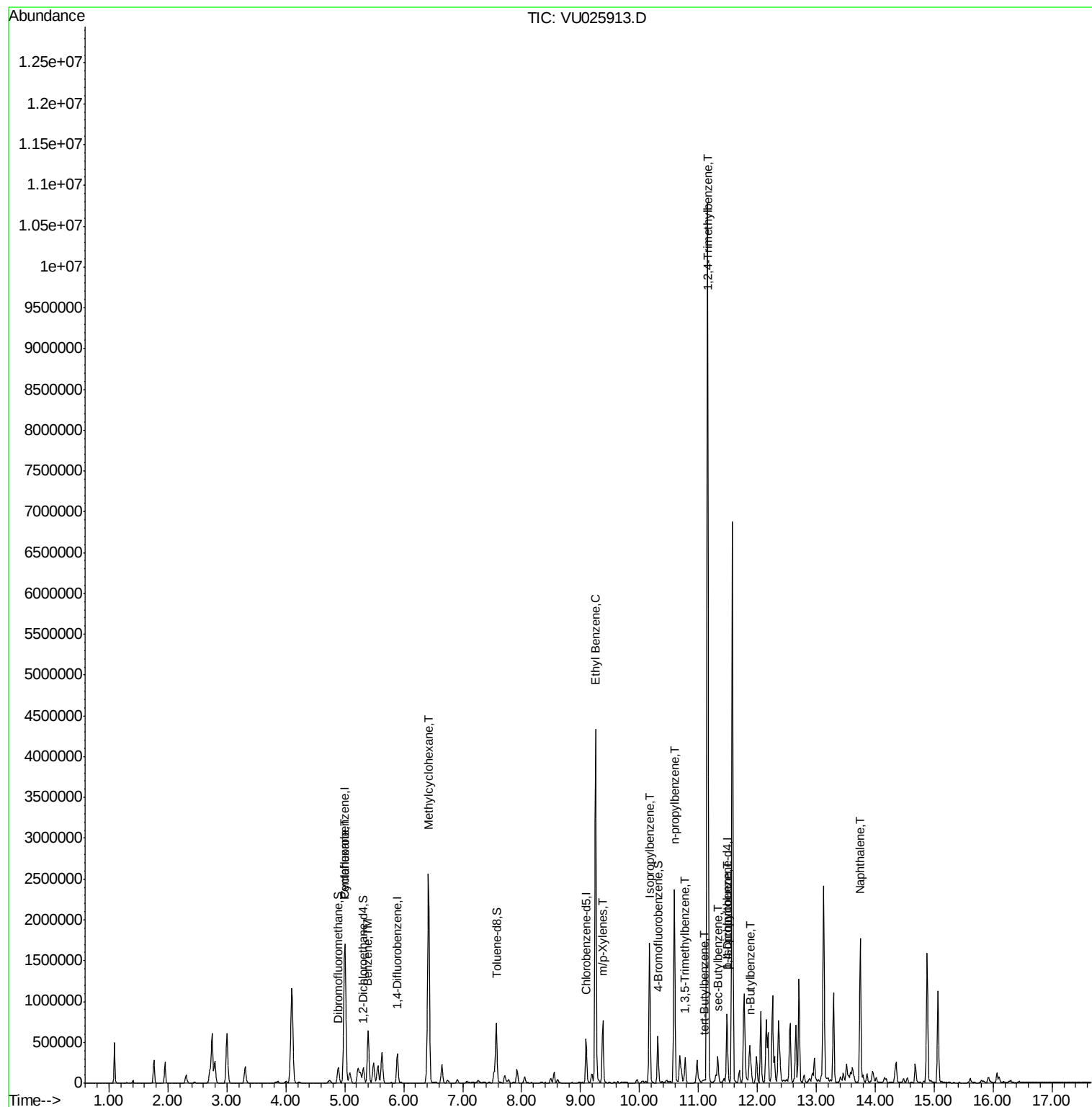
Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU080618\
Data File : VU025913.D
Acq On : 07 Aug 2018 02:41
Operator : MD/SY
Sample : J4263-09
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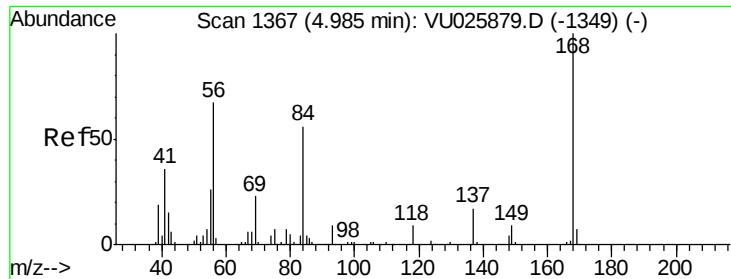
Instrument :
MSVOA_U
ClientSampleId :
FL-0518

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Quant Time: Aug 08 04:06:50 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 00:49:55 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025913.D

Acq: 07 Aug 2018 02:41

Instrument :

MSVOA_U

ClientSampleId :

FL-0518

Tot Ion:168 Resp: 192859

Ion Ratio Lower Upper

168 100

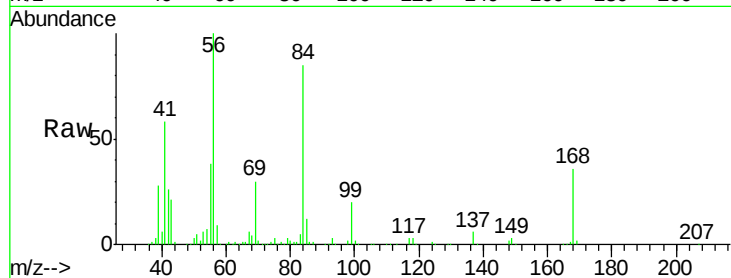
99 56.3 42.8 64.2

Manual Integrations

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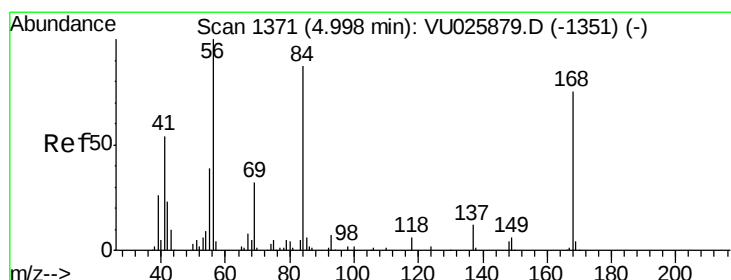
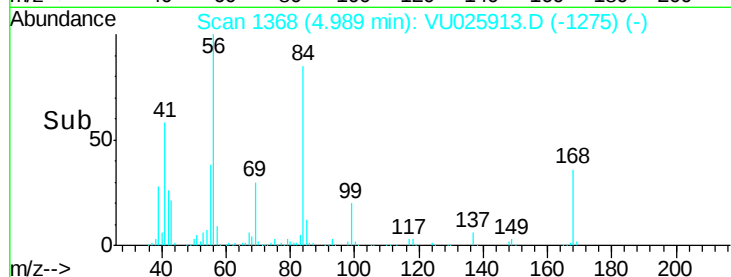


Abundance Ion 167.90 (167.60 to 168.60): VU025913.D (-1275) (-)

Ion 98.90 (98.60 to 99.60): VU025913.D (-1275) (-)

4.99

Time-->



#31

Cyclohexane

Concen: 218.65 ug/l

RT: 5.00 min Scan# 1372

Delta R.T. 0.00 min

Lab File: VU025913.D

Acq: 07 Aug 2018 02:41

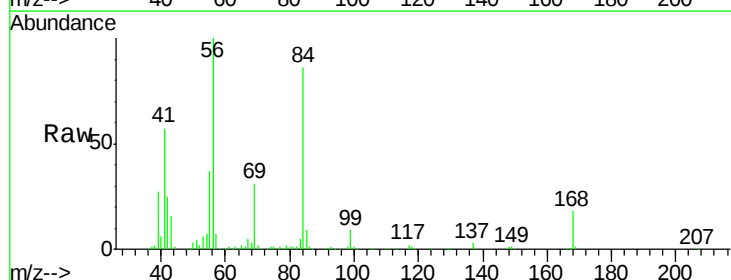
Tgt Ion: 56 Resp: 819738

Ion Ratio Lower Upper

56 100

69 30.7 26.8 40.2

84 85.9 69.7 104.5



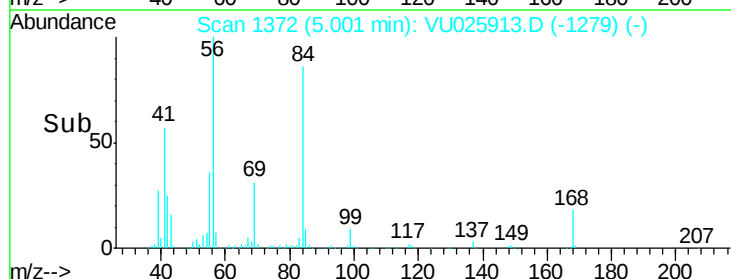
Abundance Ion 56.00 (55.70 to 56.70): VU025913.D (-1279) (-)

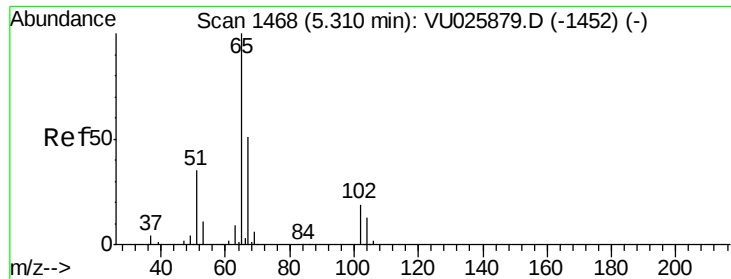
Ion 69.00 (68.70 to 69.70): VU025913.D (-1279) (-)

Ion 84.00 (83.70 to 84.70): VU025913.D (-1279) (-)

5.00

Time-->





#33

1,2-Dichloroethane-d4

Concen: 48.81 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU025913.D

Acq: 07 Aug 2018 02:41

Instrument :

MSVOA_U

ClientSampleId :

FL-0518

Tot Ion: 65 Resp: 146660

Ion Ratio Lower Upper

65 100

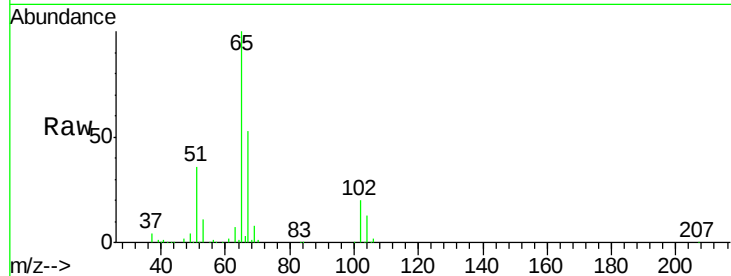
67 51.8 0.0 103.6

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Abundance Ion 64.90 (64.60 to 65.60): VU025879.D (-1452) (-)

Ion 66.90 (66.60 to 67.60): VU025879.D (-1452) (-)

5.31

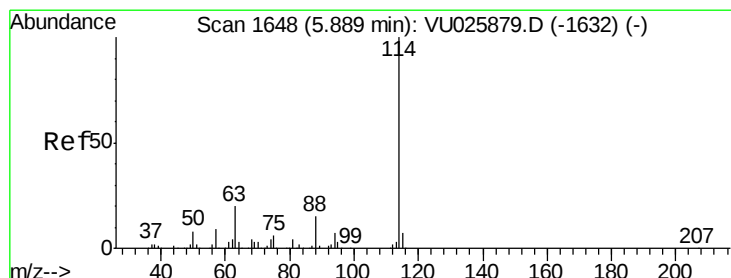
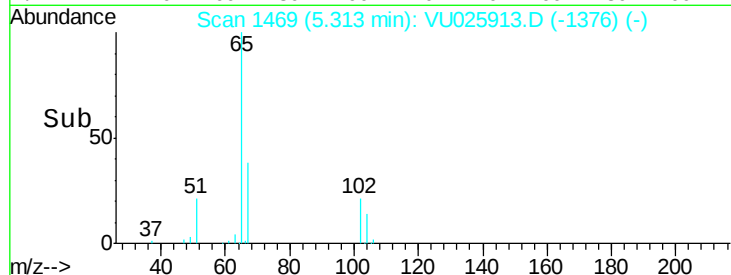
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1649

Delta R.T. 0.00 min

Lab File: VU025913.D

Acq: 07 Aug 2018 02:41

Tgt Ion: 114 Resp: 310397

Ion Ratio Lower Upper

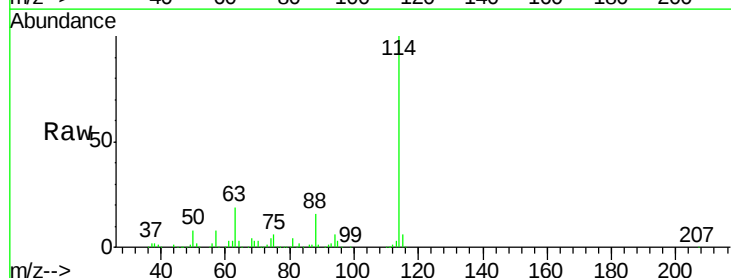
114 100

63 19.4

0.0 41.6

88 15.7

0.0 32.4



Abundance Ion 113.90 (113.60 to 114.60): VU025879.D (-1632) (-)

Ion 63.00 (62.70 to 63.70): VU025879.D (-1632) (-)

Ion 87.90 (87.60 to 88.60): VU025879.D (-1632) (-)

5.89

200000

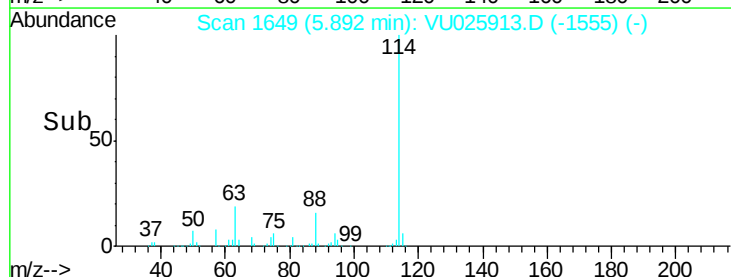
150000

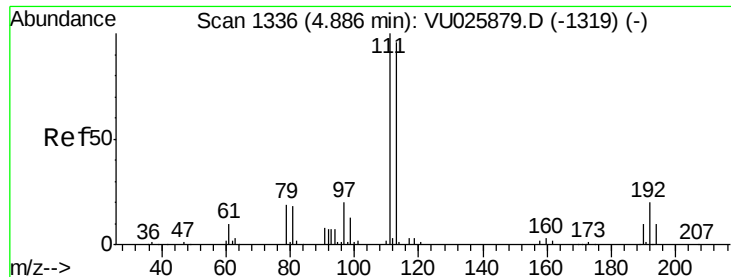
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50000

0

Time-->





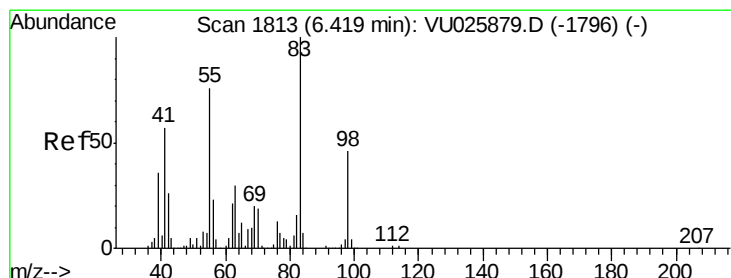
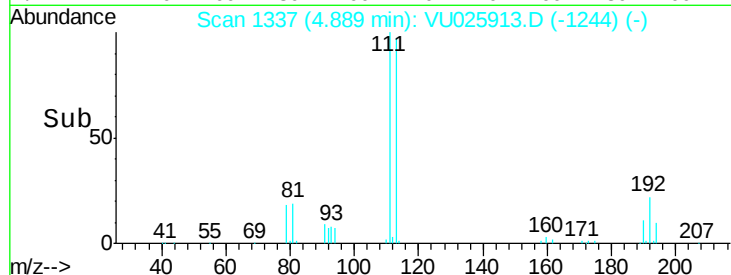
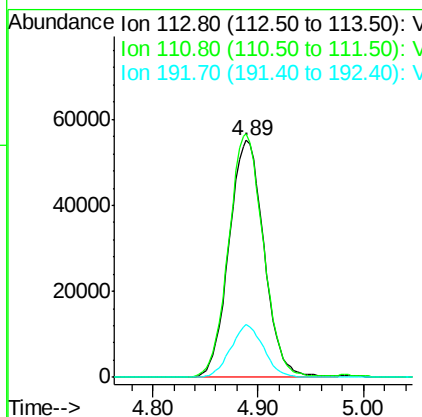
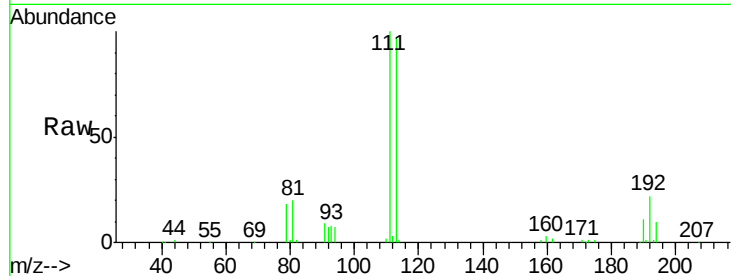
#35
Dibromofluoromethane
Concen: 47.05 ug/l
RT: 4.89 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VU025913.D
Acq: 07 Aug 2018 02:41

Instrument :
MSVOA_U
ClientSampleId :
FL-0518

Tot Ion	Ratio	Resp	Lower	Upper
113	100	127007		
111	101.6	81.7	122.5	
192	21.0	17.1	25.7	

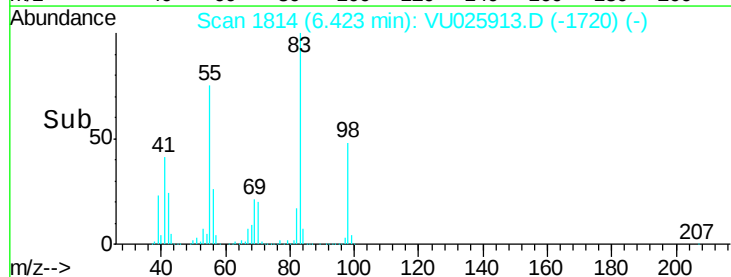
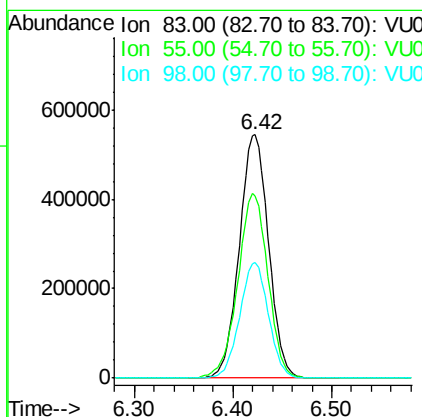
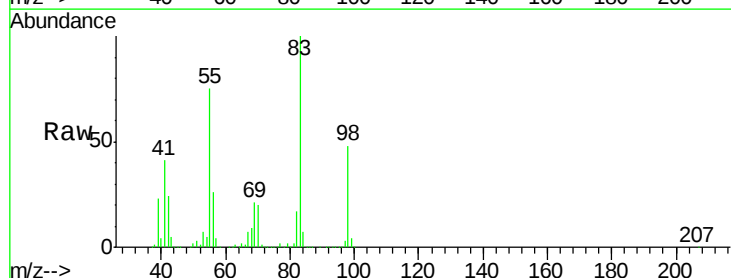
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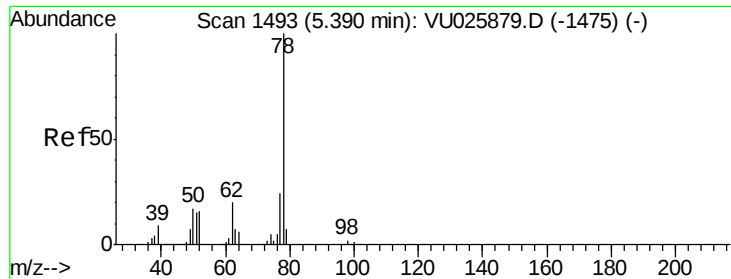
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#39
Methylcyclohexane
Concen: 267.99 ug/l
RT: 6.42 min Scan# 1814
Delta R.T. 0.00 min
Lab File: VU025913.D
Acq: 07 Aug 2018 02:41

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	1113842		
55	74.9	60.0	90.0	
98	47.6	36.1	54.1	





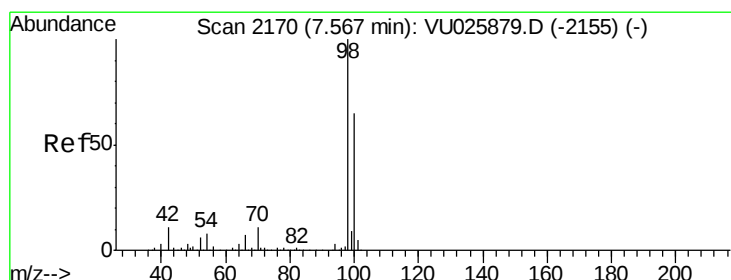
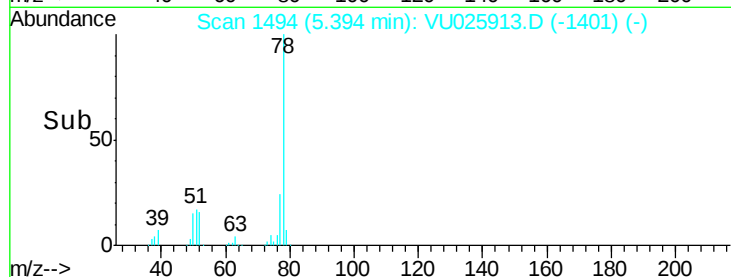
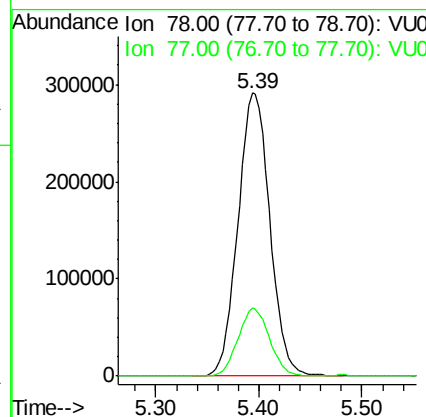
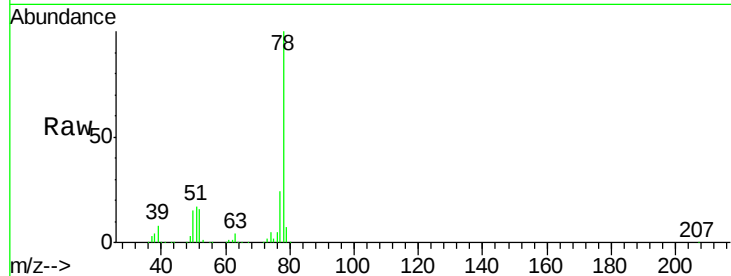
#40
Benzene
Concen: 59.12 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU025913.D
Acq: 07 Aug 2018 02:41

Instrument :
MSVOA_U
ClientSampleId :
FL-0518

Tot Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.8	29.6

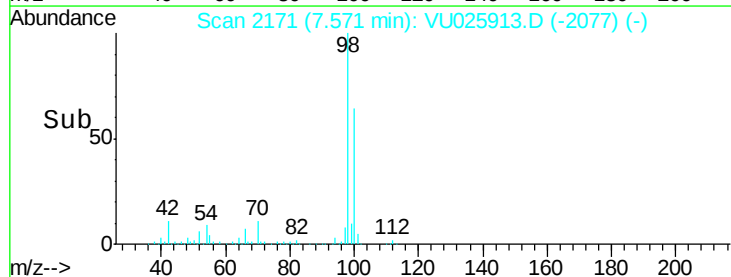
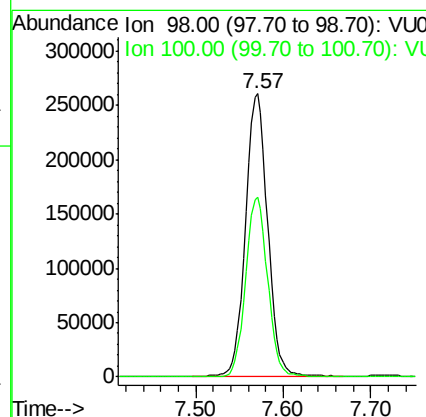
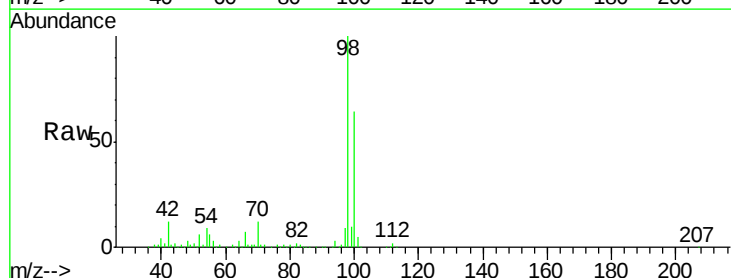
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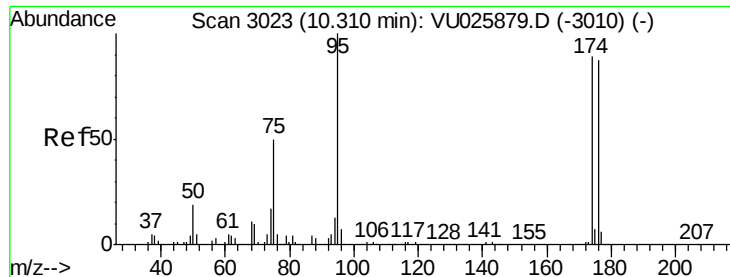
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#50
Toluene-d8
Concen: 48.81 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VU025913.D
Acq: 07 Aug 2018 02:41

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.1	51.1	76.7





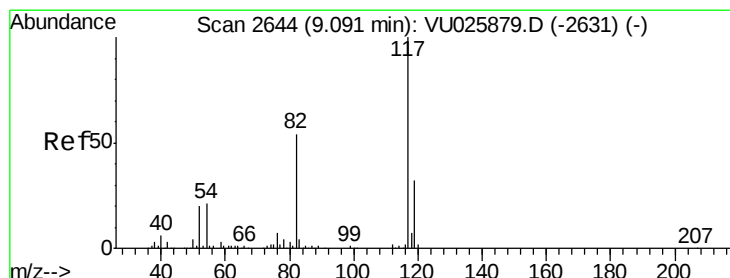
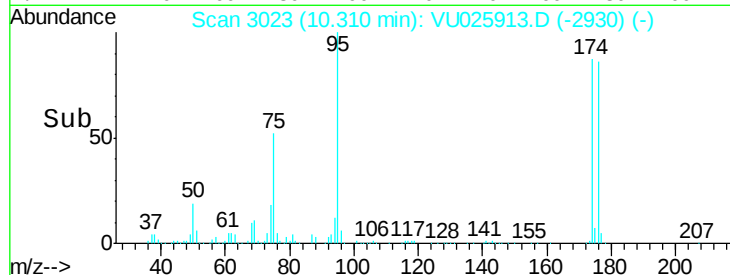
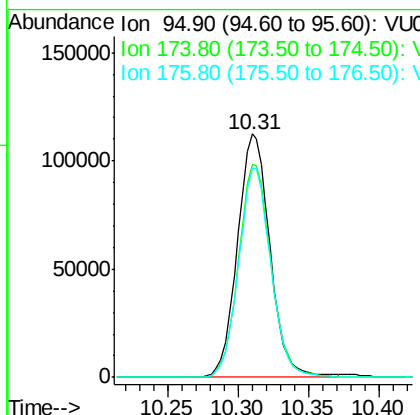
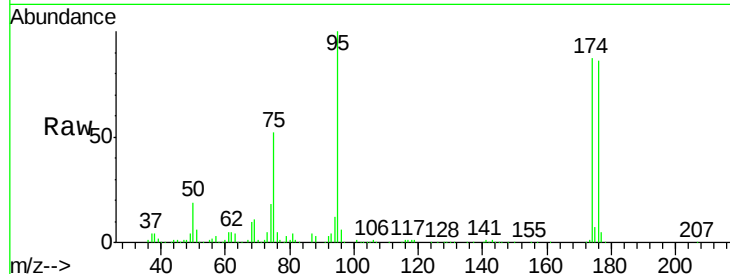
#62
4-Bromofluorobenzene
Concen: 49.59 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU025913.D
Acq: 07 Aug 2018 02:41

Instrument :
MSVOA_U
ClientSampled :
FL-0518

Tot Ion	Ratio	Resp	Lower	Upper
95	100	181838		
174	87.6	0.0	172.2	
176	85.4	0.0	162.6	

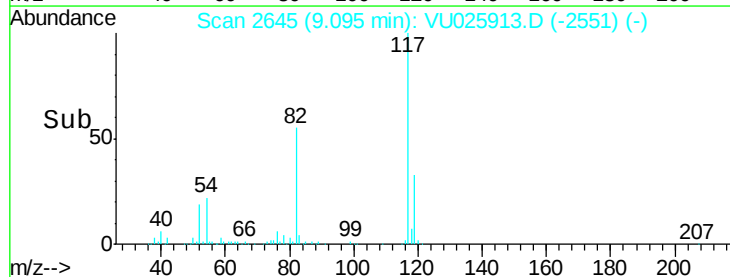
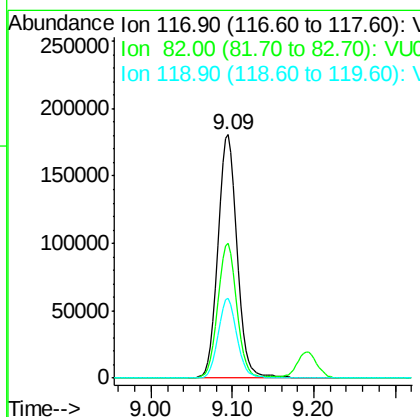
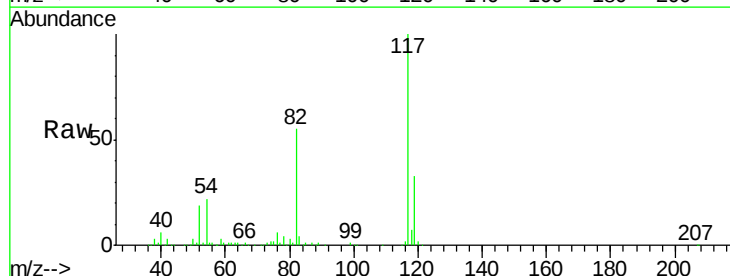
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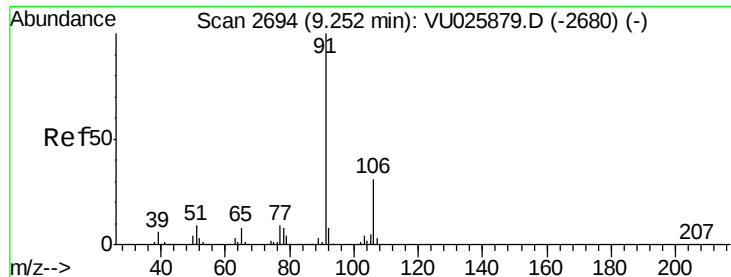
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#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025913.D
Acq: 07 Aug 2018 02:41

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	302458		
82	55.3	46.0	69.0	
119	32.6	26.0	39.0	





#67

Ethyl Benzene

Concen: 235.60 ug/l

RT: 9.26 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VU025913.D

Acq: 07 Aug 2018 02:41

Instrument :

MSVOA_U

ClientSampleId :

FL-0518

Tot Ion: 91 Resp: 3043255

Ion Ratio Lower Upper

91 100

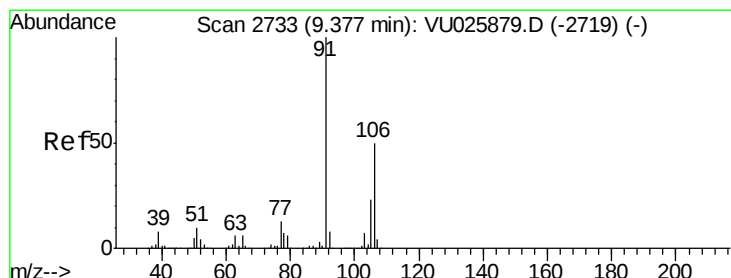
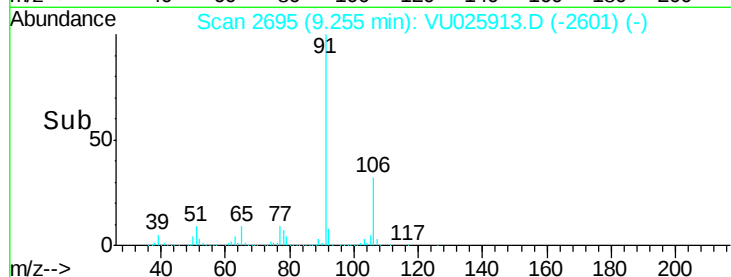
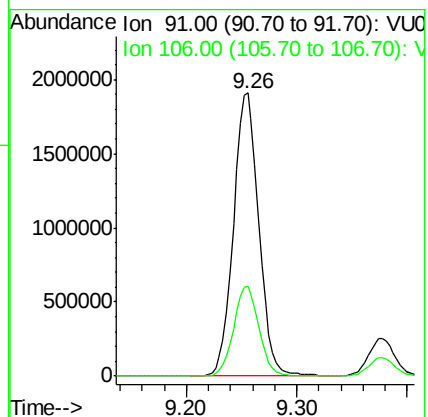
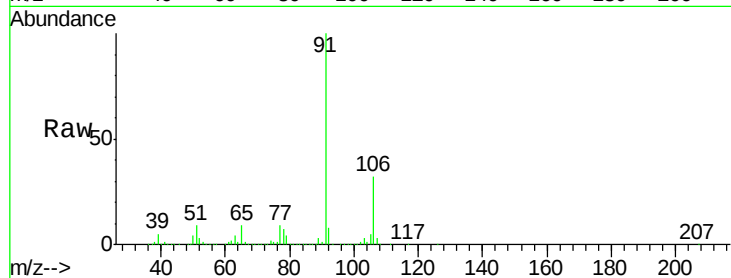
106 31.7 25.3 37.9

Manual Integrations

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#68

m/p-Xylenes

Concen: 42.30 ug/l

RT: 9.38 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU025913.D

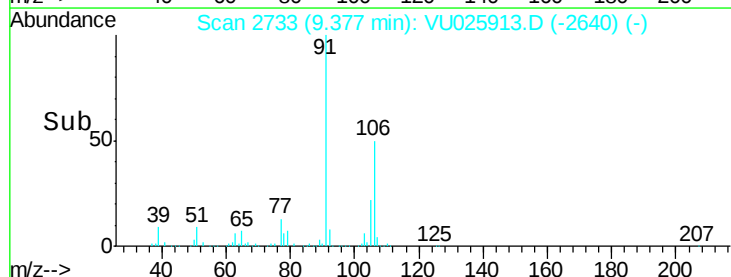
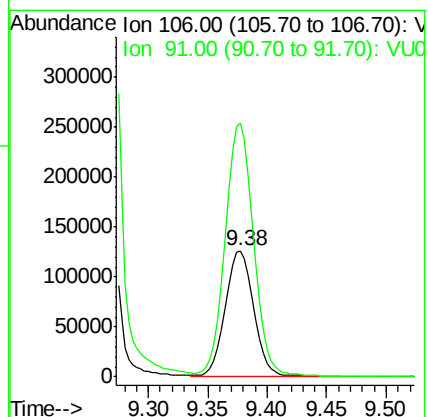
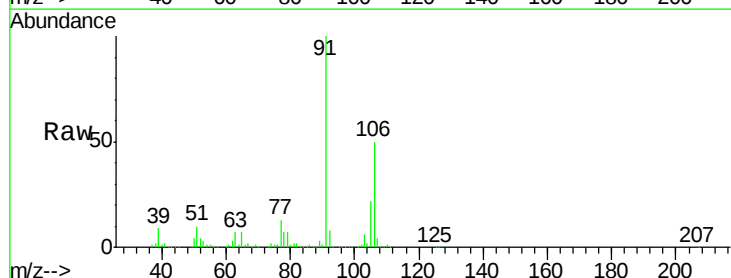
Acq: 07 Aug 2018 02:41

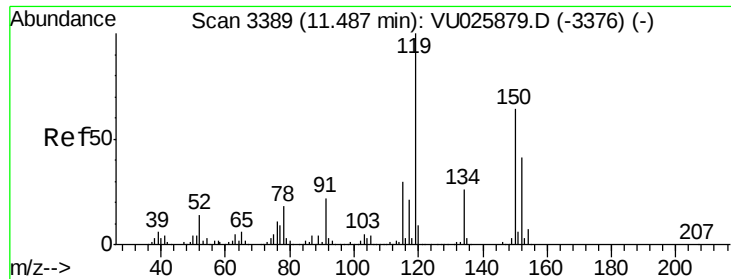
Tgt Ion: 106 Resp: 209779

Ion Ratio Lower Upper

106 100

91 200.9 162.3 243.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025913.D

Acq: 07 Aug 2018 02:41

Instrument :

MSVOA_U

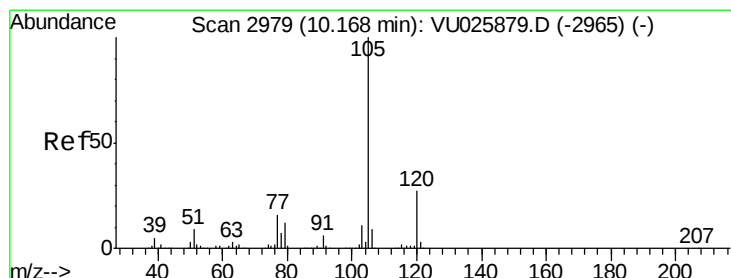
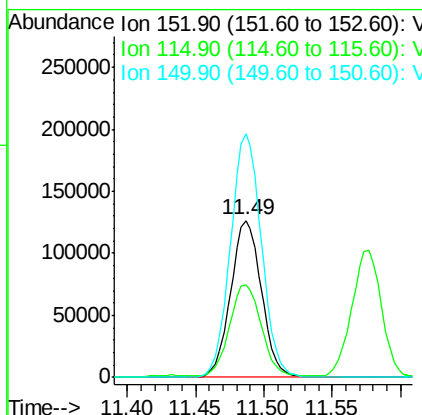
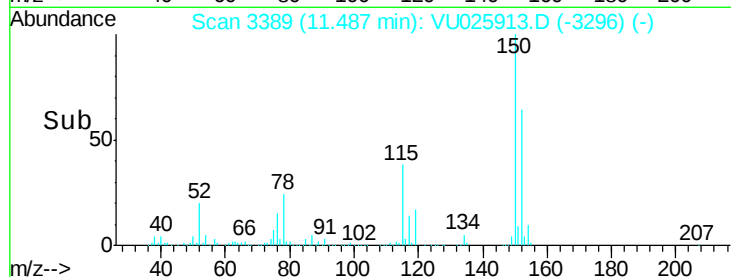
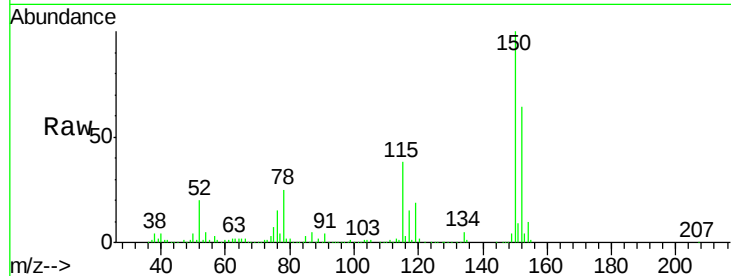
ClientSampled :

FL-0518

Tot Ion:	152	Resp:	197966
Ion Ratio	Lower	Upper	
152	100		
115	60.2	40.1	120.3
150	155.8	0.0	351.4

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#73

Isopropylbenzene

Concen: 83.09 ug/l

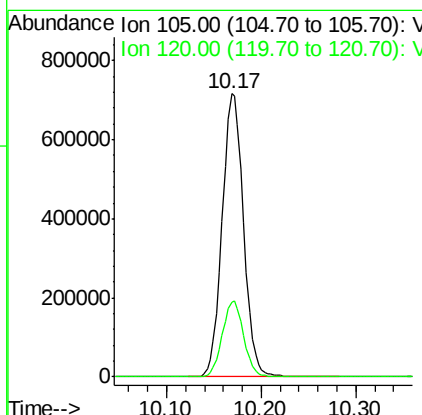
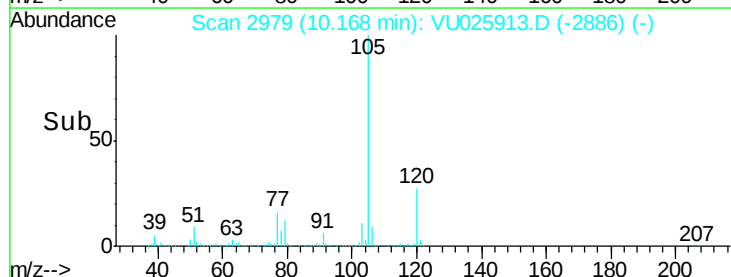
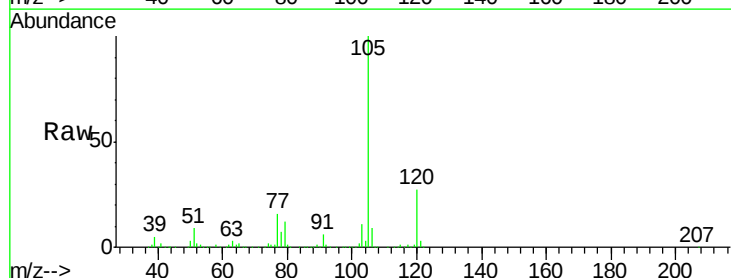
RT: 10.17 min Scan# 2979

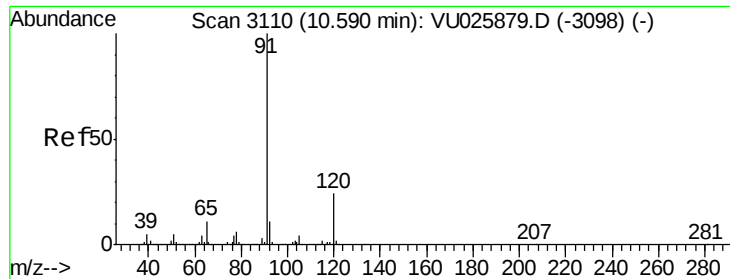
Delta R.T. 0.00 min

Lab File: VU025913.D

Acq: 07 Aug 2018 02:41

Tgt Ion:	105	Resp:	1122671
Ion Ratio	Lower	Upper	
105	100		
120	26.8	13.5	40.5





#78

n-propylbenzene

Concen: 113.73 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU025913.D

Acq: 07 Aug 2018 02:41

Instrument :

MSVOA_U

ClientSampled :

FL-0518

Tot Ion: 91 Resp: 1793564

Ion Ratio Lower Upper

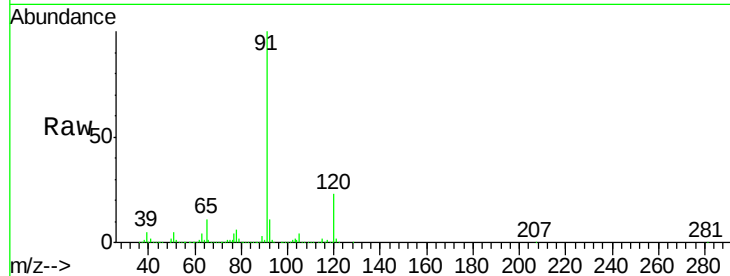
91 100

120 23.5 11.8 35.3

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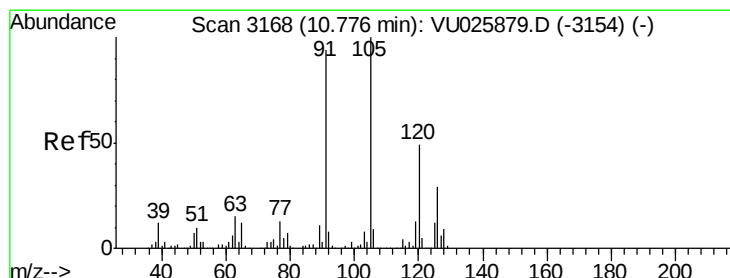
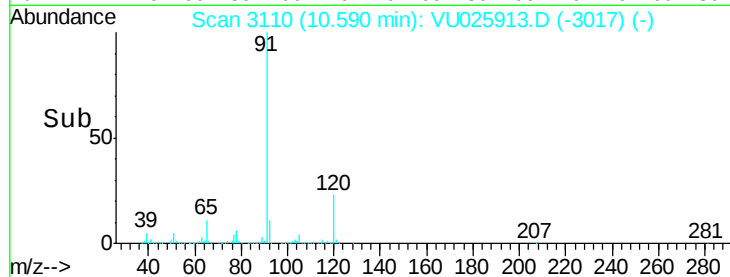
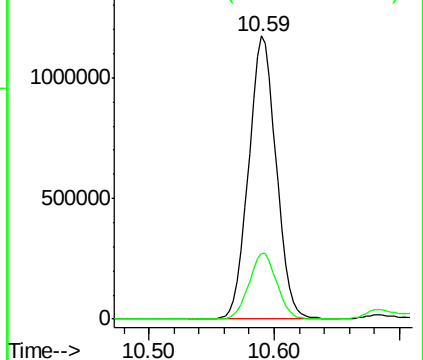
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Abundance Ion 91.00 (90.70 to 91.70): VU025879.D (-3098) (-)

Ion 120.00 (119.70 to 120.70): VU025879.D (-3098) (-)



#80

1,3,5-Trimethylbenzene

Concen: 14.55 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025913.D

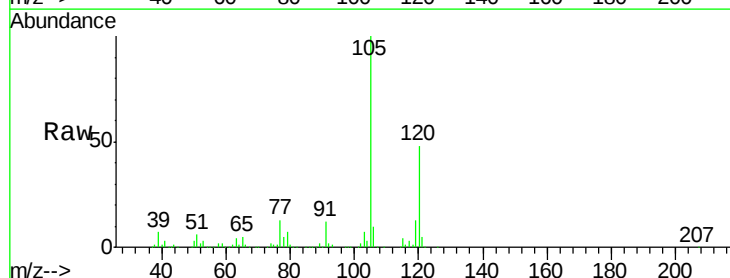
Acq: 07 Aug 2018 02:41

Tgt Ion: 105 Resp: 166924

Ion Ratio Lower Upper

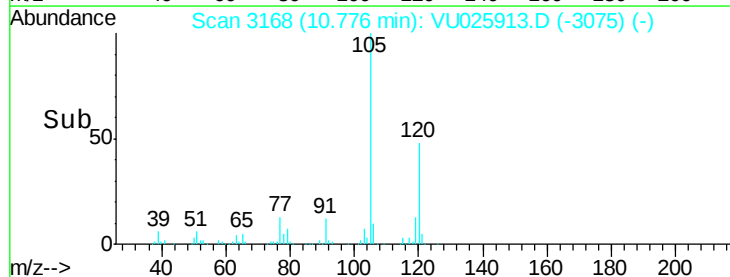
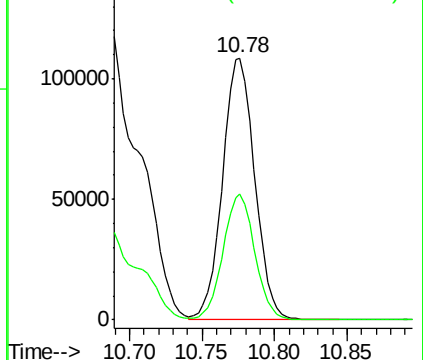
105 100

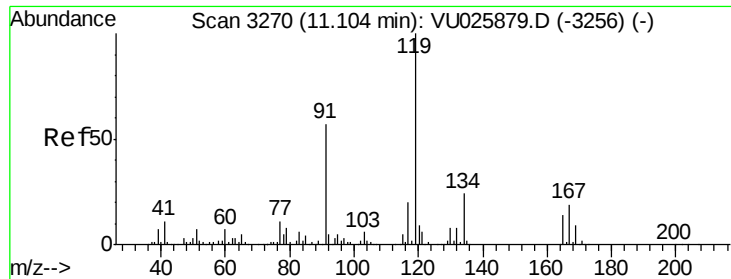
120 47.5 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VU025879.D (-3154) (-)

Ion 120.00 (119.70 to 120.70): VU025879.D (-3154) (-)





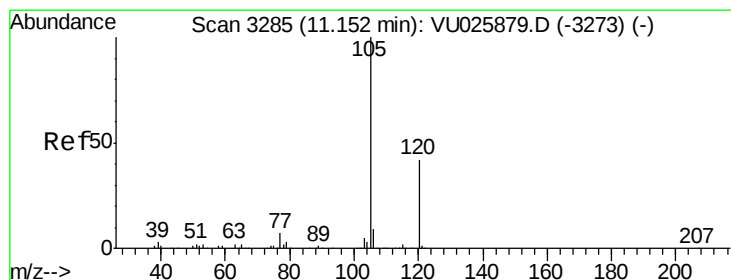
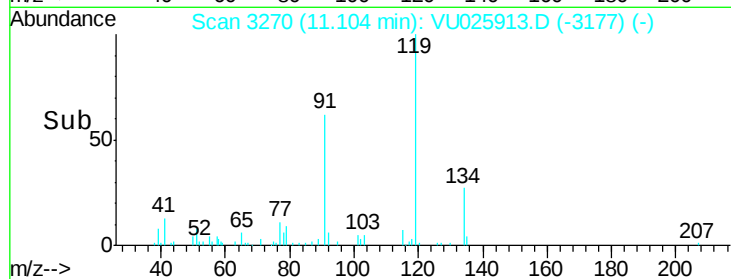
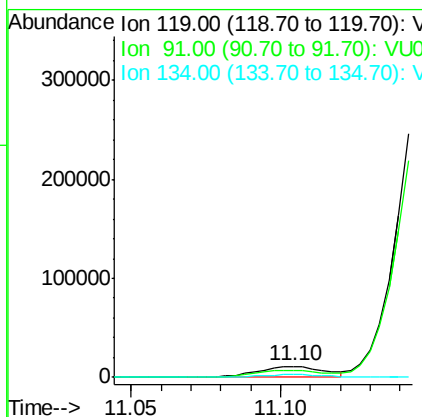
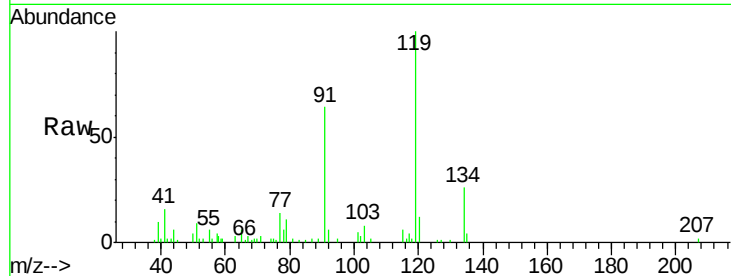
#83
tert-Butylbenzene
Concen: 1.48 ug/l m
RT: 11.10 min Scan# 3270
Delta R.T. 0.00 min
Lab File: VU025913.D
Acq: 07 Aug 2018 02:41

Instrument :
MSVOA_U
ClientSampleId :
FL-0518

Tot Ion	Ratio	Lower	Upper
119	100		
91	0.0	29.7	89.1#
134	0.0	11.5	34.5#

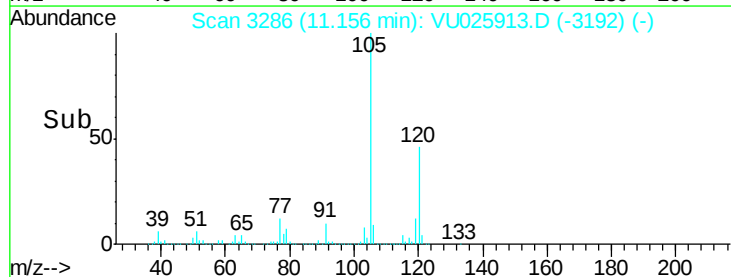
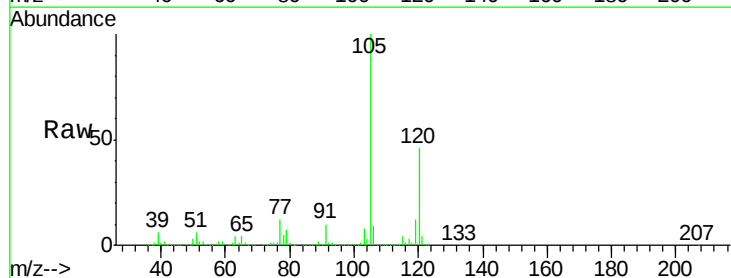
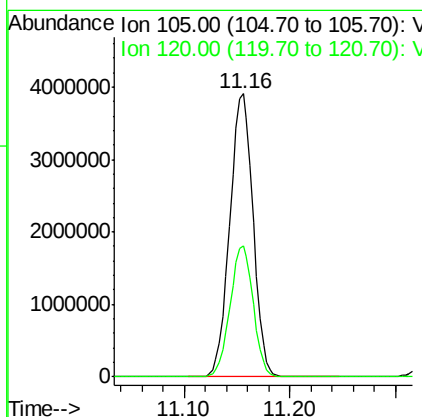
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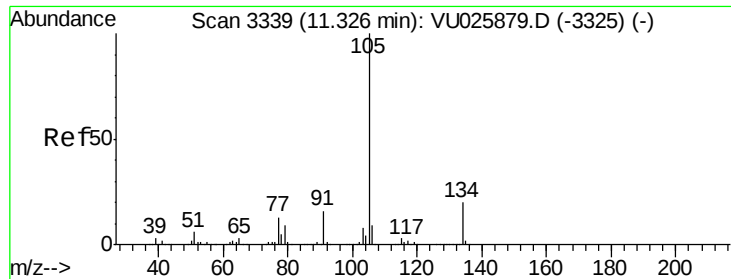
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#84
1,2,4-Trimethylbenzene
Concen: 510.16 ug/l
RT: 11.16 min Scan# 3286
Delta R.T. 0.00 min
Lab File: VU025913.D
Acq: 07 Aug 2018 02:41

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	22.3	66.8





#85

sec-Butylbenzene

Concen: 14.90 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VU025913.D

Acq: 07 Aug 2018 02:41

Instrument :

MSVOA_U

ClientSampleId :

FL-0518

Tot Ion:105 Resp: 207383

Ion Ratio Lower Upper

105 100

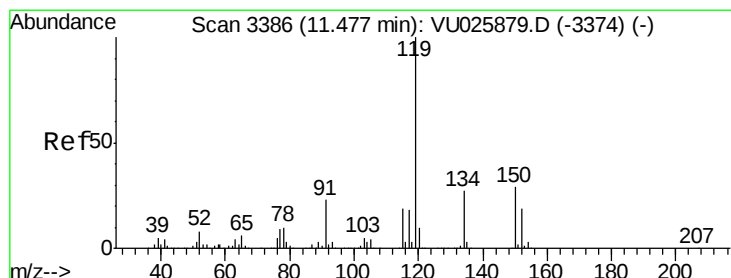
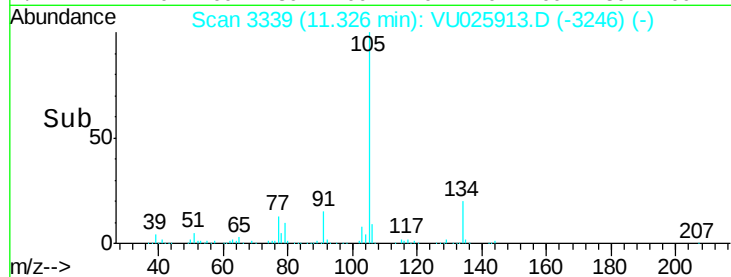
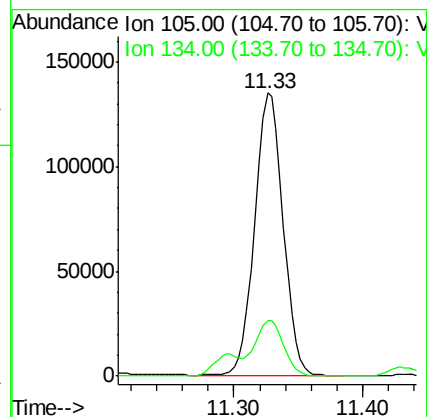
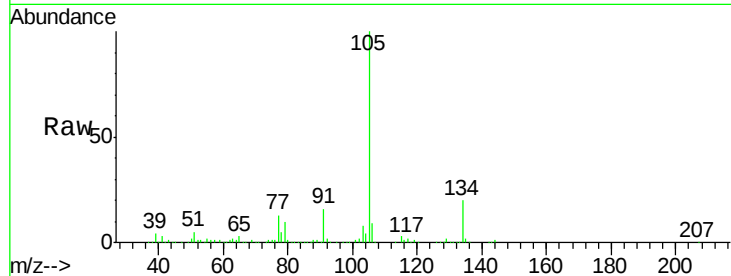
134 19.9 10.3 30.8

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#86

p-Isopropyltoluene

Concen: 5.64 ug/l

RT: 11.48 min Scan# 3387

Delta R.T. 0.00 min

Lab File: VU025913.D

Acq: 07 Aug 2018 02:41

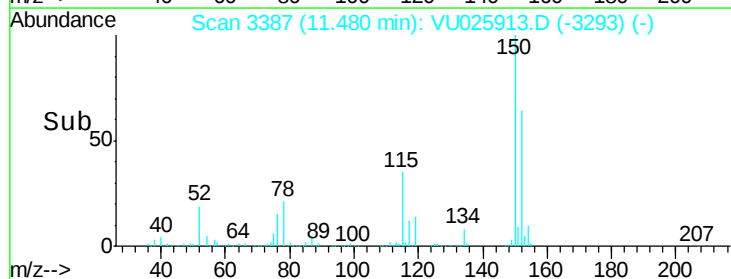
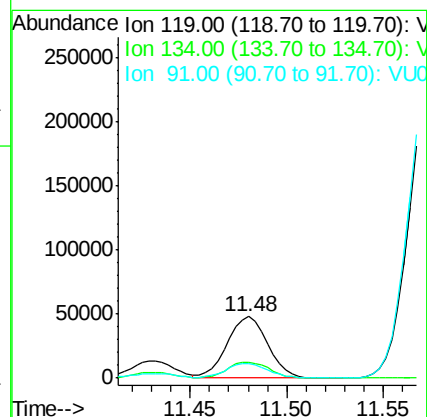
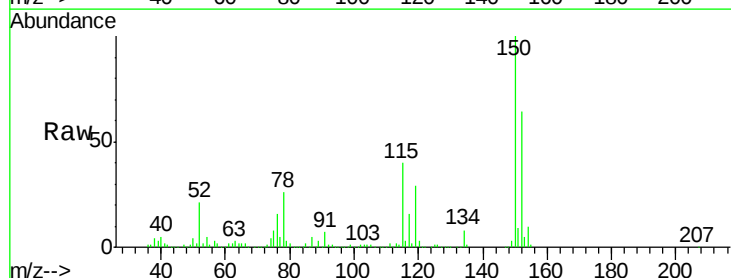
Tgt Ion:119 Resp: 70343

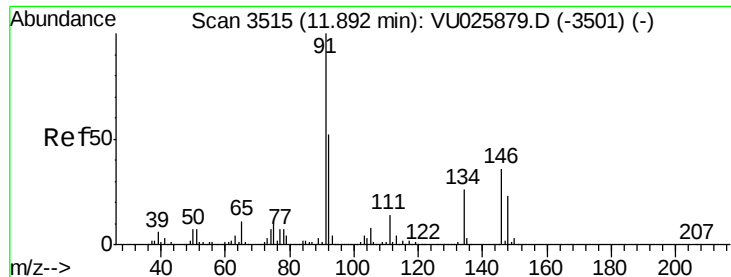
Ion Ratio Lower Upper

119 100

134 26.7 13.2 39.5

91 24.8 12.0 36.1





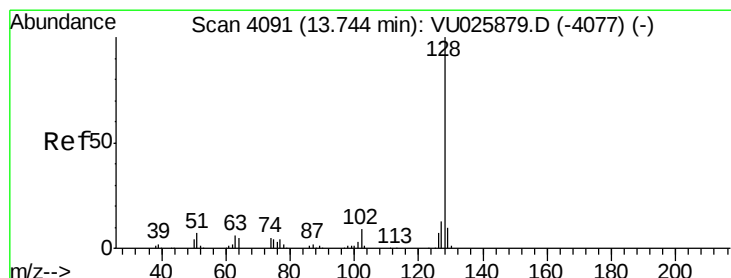
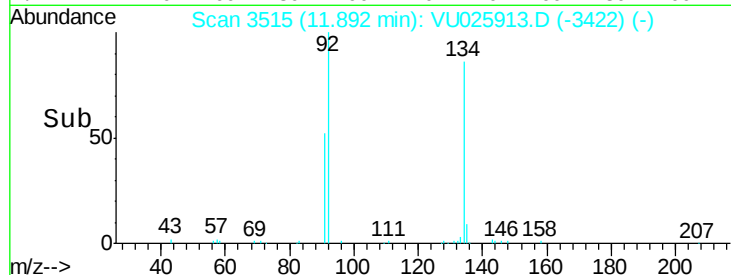
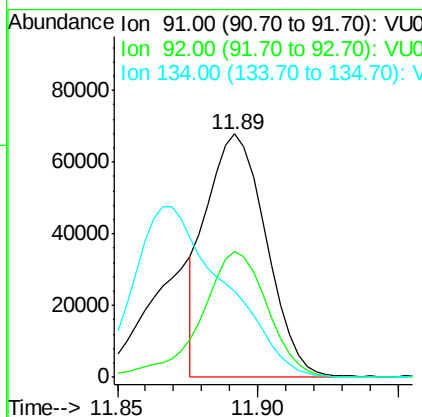
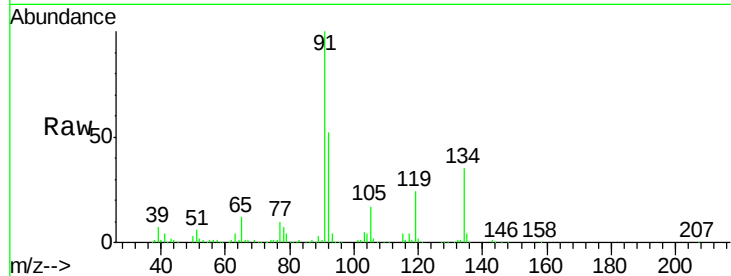
#89
n-Butylbenzene
Concen: 8.67 ug/l m
RT: 11.89 min Scan# 3515
Delta R.T. 0.00 min
Lab File: VU025913.D
Acq: 07 Aug 2018 02:41

Instrument :
MSVOA_U
ClientSampleId :
FL-0518

Tot Ion: 91 Resp: 99683
Ion Ratio Lower Upper
91 100
92 57.8 26.5 79.5
134 0.0 13.6 40.7#

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#95
Naphthalene
Concen: 91.85 ug/l
RT: 13.74 min Scan# 4091
Delta R.T. 0.00 min
Lab File: VU025913.D
Acq: 07 Aug 2018 02:41

Tgt Ion: 128 Resp: 1365928
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 11.0 8.3 12.5

