

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061818\
 Data File : VU024695.D
 Acq On : 18 Jun 2018 16:36
 Operator : MD/SY
 Sample : J3463-13
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T2-MW-4-8.0-061218

Manual Integrations
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 6/19/2018 1:55:03 PM

Quant Time: Jun 19 06:39:53 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	187815	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	301525	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	285704	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	163519	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	129744	42.32	ug/l	0.00
Spiked Amount 50.000			Recovery =	84.64%		
35) Dibromofluoromethane	4.89	113	121040	48.37	ug/l	0.00
Spiked Amount 50.000			Recovery =	96.74%		
50) Toluene-d8	7.57	98	449618	49.26	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.52%		
62) 4-Bromofluorobenzene	10.31	95	169488	46.77	ug/l	0.00
Spiked Amount 50.000			Recovery =	93.54%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.32	43	122342	74.26	ug/l	97
31) Cyclohexane	5.00	56	128077	31.10	ug/l	98
39) Methylcyclohexane	6.42	83	228262	51.62	ug/l	98
40) Benzene	5.40	78	58370	5.78	ug/l	97
52) Toluene	7.64	92	14257	2.19	ug/l	100
67) Ethyl Benzene	9.26	91	88848	6.94	ug/l	96
68) m/p-Xylenes	9.38	106	10758	2.19	ug/l	98
73) Isopropylbenzene	10.17	105	1206110	96.07	ug/l	98
78) n-propylbenzene	10.59	91	3134198	211.93	ug/l	97
83) tert-Butylbenzene	11.10	119	14227	1.36	ug/l	94
84) 1,2,4-Trimethylbenzene	11.16	105	6222m	0.56	ug/l	
85) sec-Butylbenzene	11.33	105	222547	16.99	ug/l	99
89) n-Butylbenzene	11.89	91	368672m	35.39	ug/l	
95) Naphthalene	13.74	128	2084670	171.71	ug/l	99

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

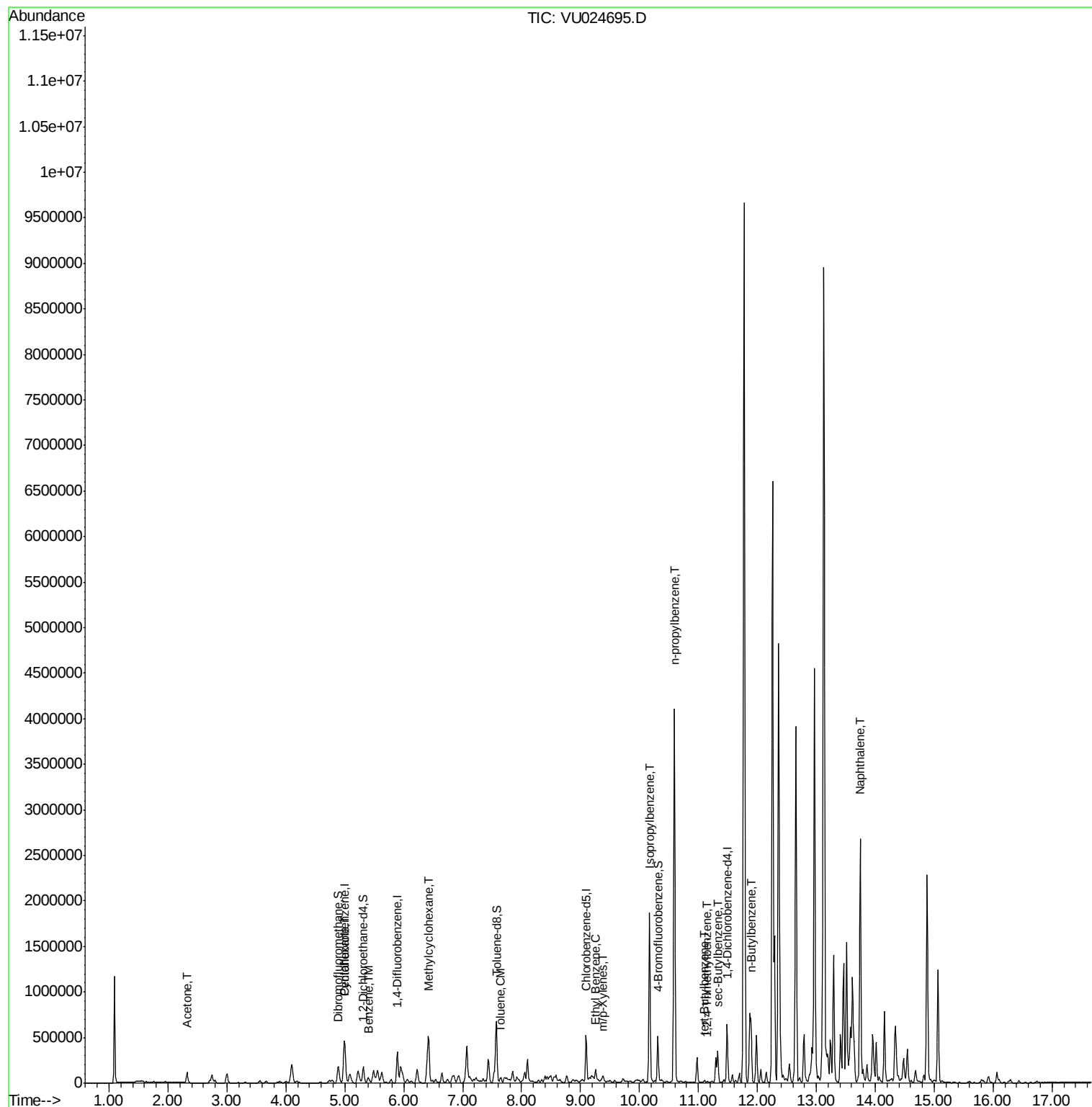
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU061818\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU024695.D

Acq: 18 Jun 2018 16:36

Instrument :

MSVOA_U

ClientSampleId :

T2-MW-4-8.0-061218

Tot Ion:168 Resp: 187815

Ion Ratio Lower Upper

168 100

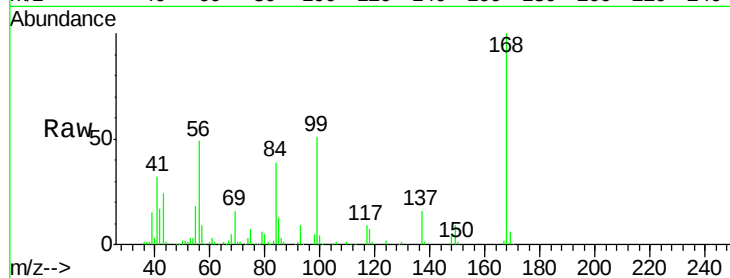
99 51.4 43.2 64.8

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

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

4.99

80000

60000

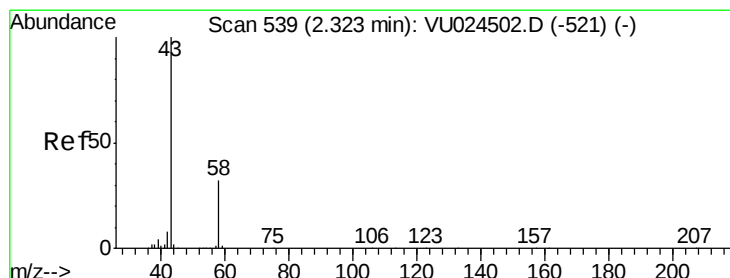
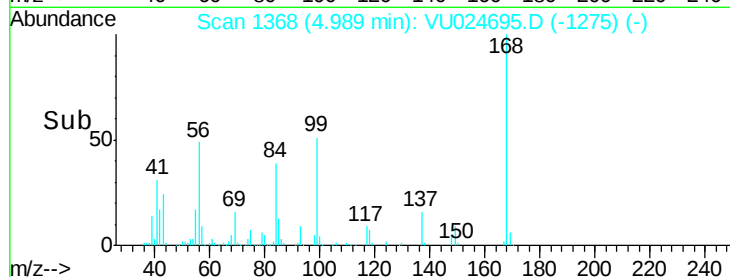
40000

20000

0

4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 74.26 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU024695.D

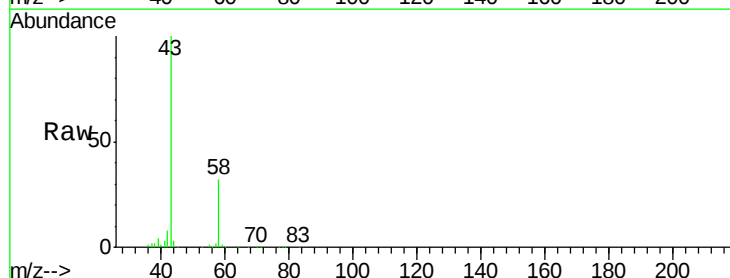
Acq: 18 Jun 2018 16:36

Tgt Ion: 43 Resp: 122342

Ion Ratio Lower Upper

43 100

58 32.3 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU024502.D (-521) (-)

Ion 58.00 (57.70 to 58.70): VU024502.D (-521) (-)

2.32

80000

60000

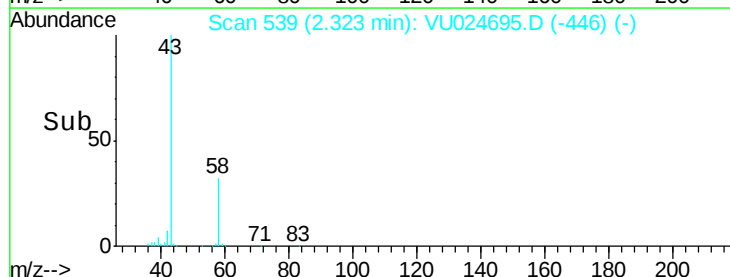
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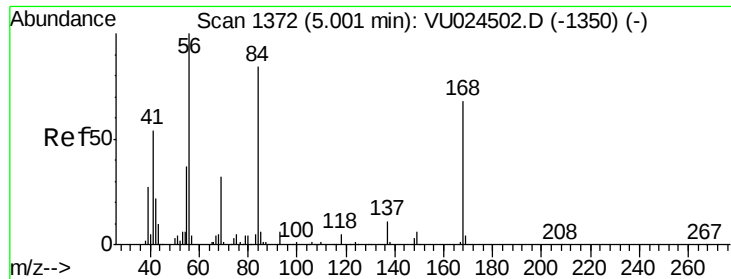
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2.25 2.30 2.35 2.40

Time-->





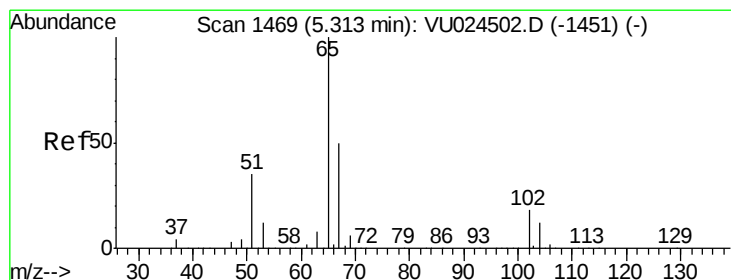
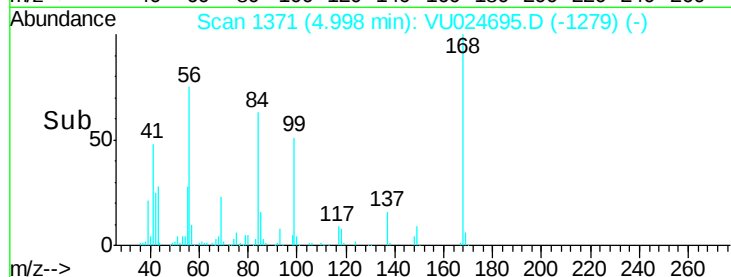
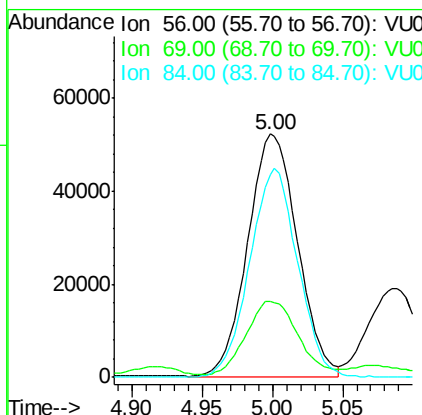
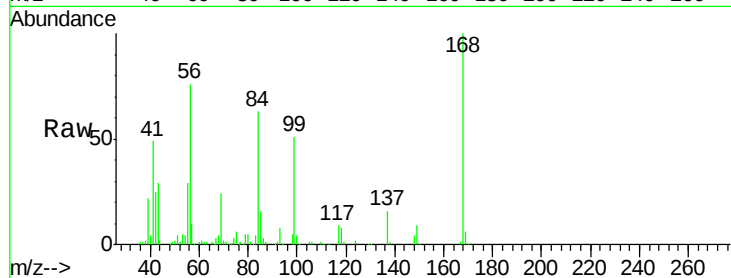
#31
Cyclohexane
Concen: 31.10 ug/l
RT: 5.00 min Scan# 1371
Delta R.T. -0.00 min
Lab File: VU024695.D
Acq: 18 Jun 2018 16:36

Instrument :
MSVOA_U
ClientSampleId :
T2-MW-4-8.0-061218

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.8	24.8	37.2
84	83.8	65.2	97.8

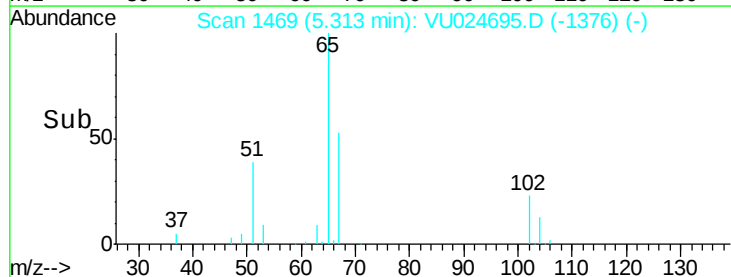
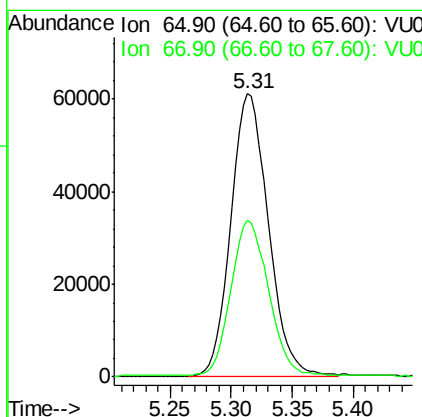
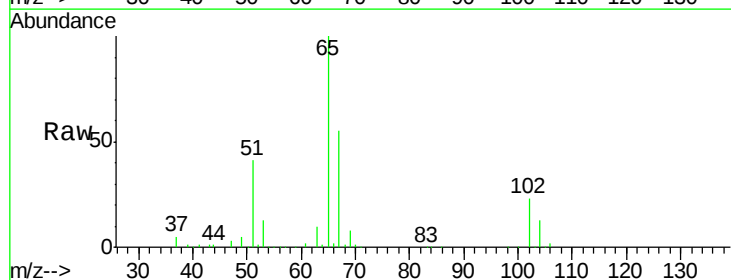
Manual Integrations
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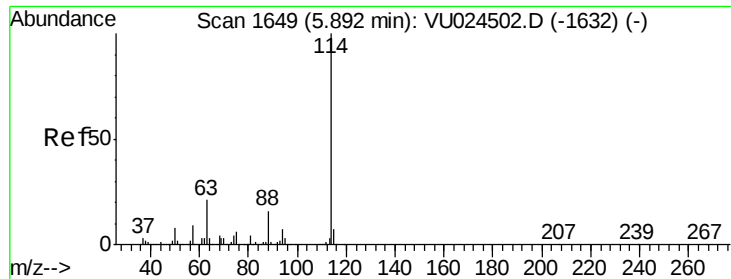
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#33
1,2-Dichloroethane-d4
Concen: 42.32 ug/l
RT: 5.31 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VU024695.D
Acq: 18 Jun 2018 16:36

Tgt Ion	Ratio	Lower	Upper
65	100		
67	55.1	0.0	107.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1649

Delta R.T. 0.00 min

Lab File: VU024695.D

Acq: 18 Jun 2018 16:36

Instrument :

MSVOA_U

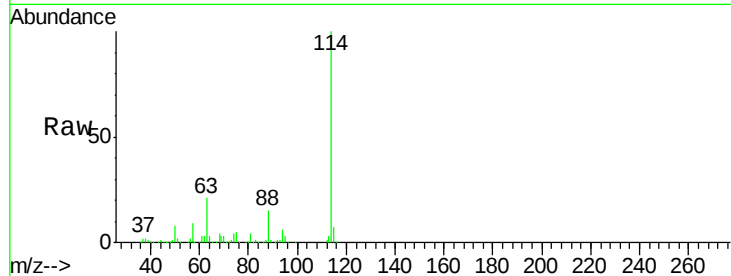
ClientSampleId :

T2-MW-4-8.0-061218

Tot Ion	Ratio	Resp	Lower	Upper
114	100	301525		
63	20.7		0.0	45.4
88	15.3		0.0	31.0

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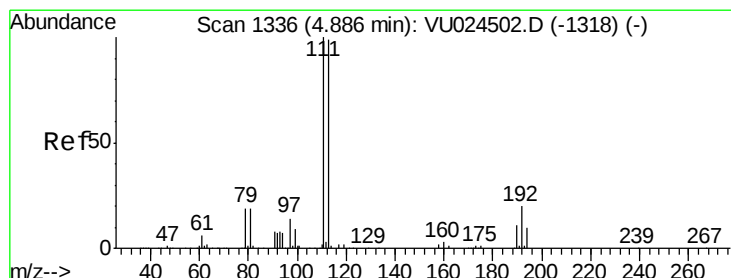
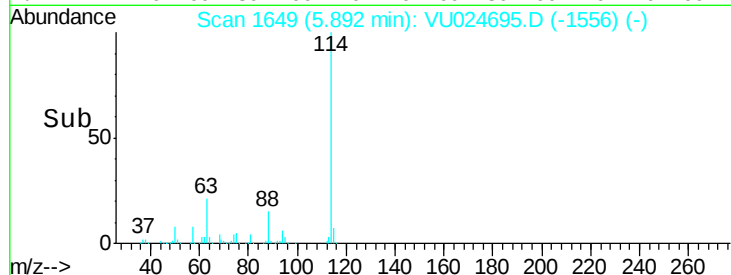
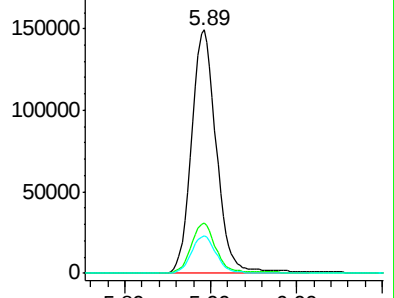
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Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0



#35

Dibromofluoromethane

Concen: 48.37 ug/l

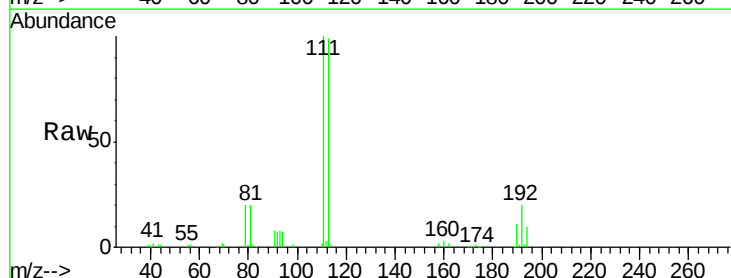
RT: 4.89 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU024695.D

Acq: 18 Jun 2018 16:36

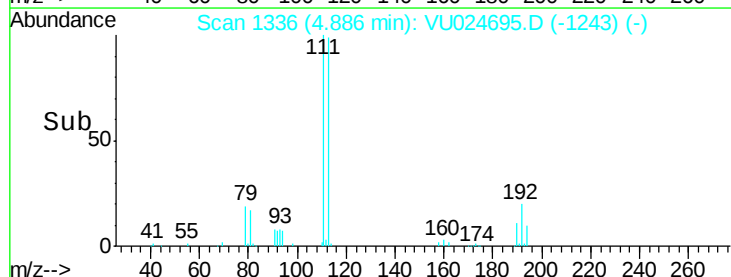
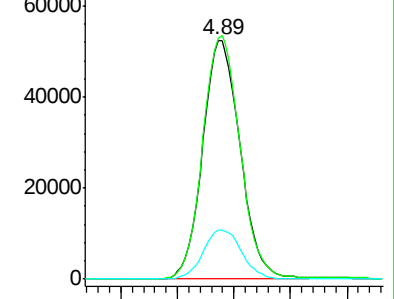
Tgt Ion	Ratio	Resp	Lower	Upper
113	100	121040		
111	101.9		82.2	123.4
192	21.2		16.2	24.4

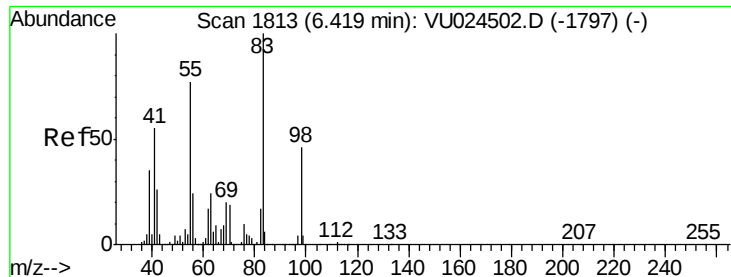


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





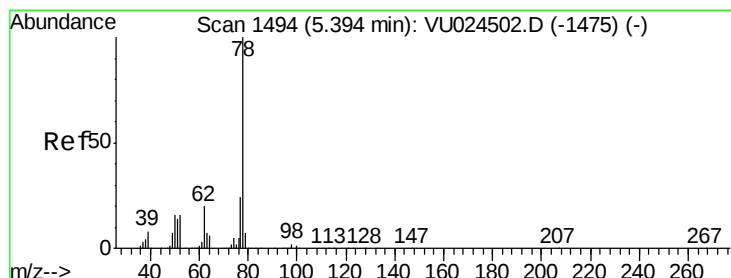
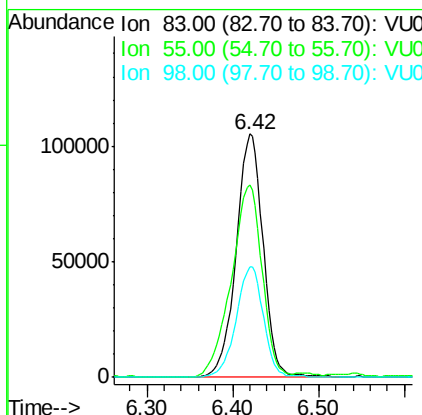
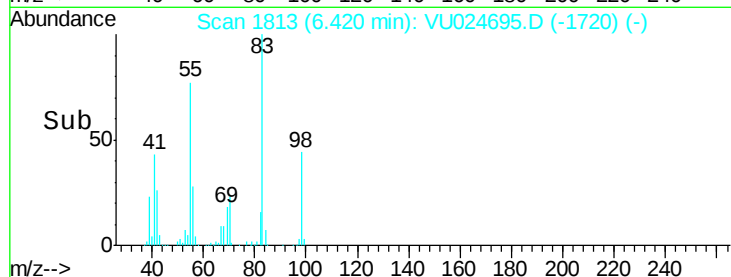
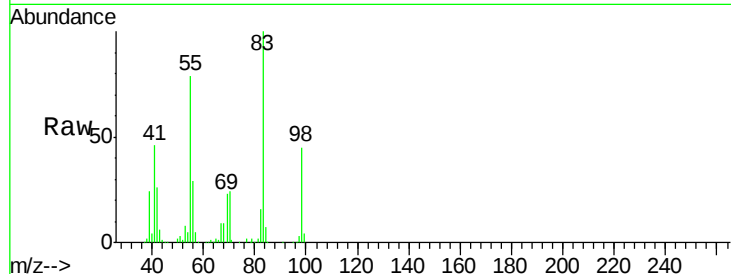
#39
Methvlcvclohexane
Concen: 51.62 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU024695.D
Acq: 18 Jun 2018 16:36

Instrument :
MSVOA_U
ClientSampleId :
T2-MW-4-8.0-061218

Tot Ion	Ratio	Resp	Lower	Upper
83	100	228262		
55	79.0		65.8	98.6
98	45.5		36.7	55.1

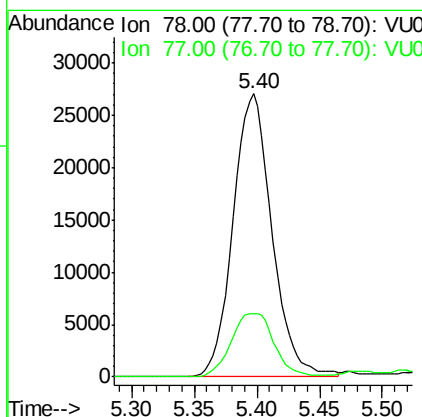
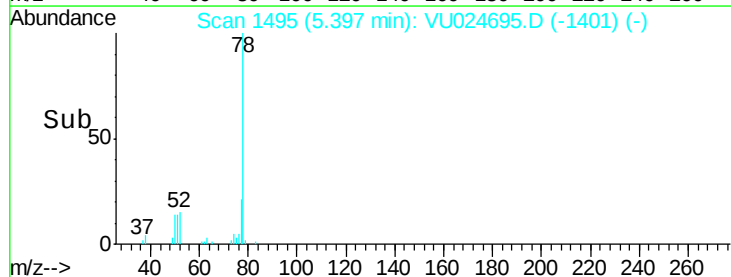
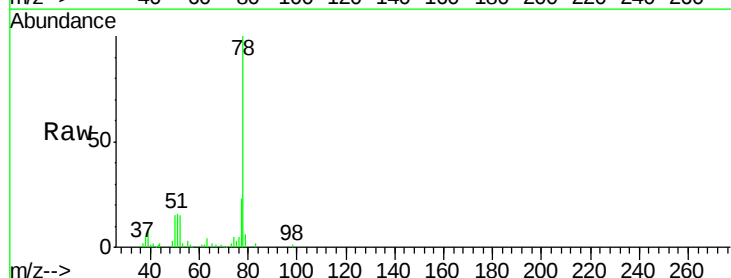
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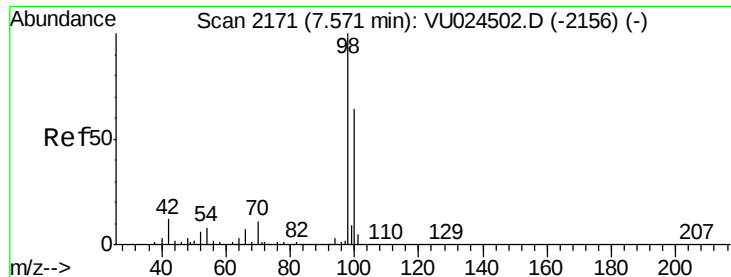
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#40
Benzene
Concen: 5.78 ug/l
RT: 5.40 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VU024695.D
Acq: 18 Jun 2018 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	58370		
77	22.5		19.2	28.8





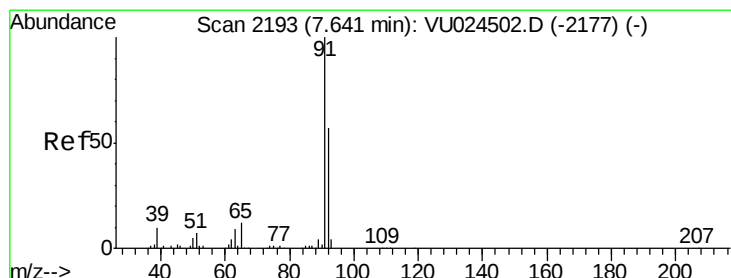
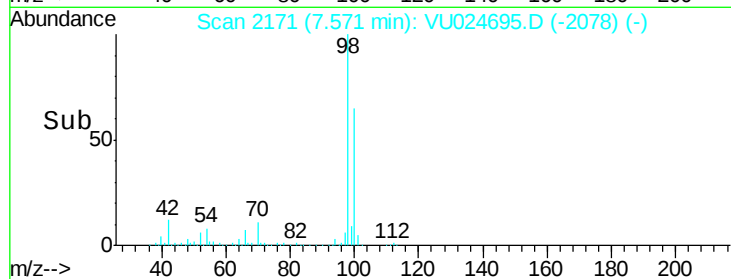
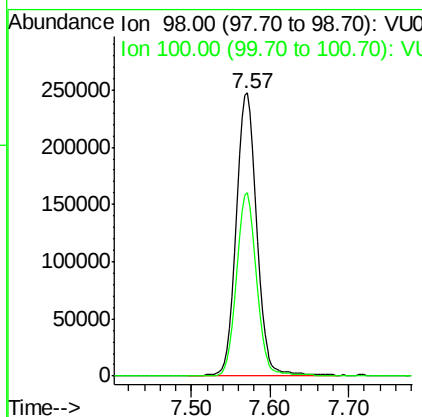
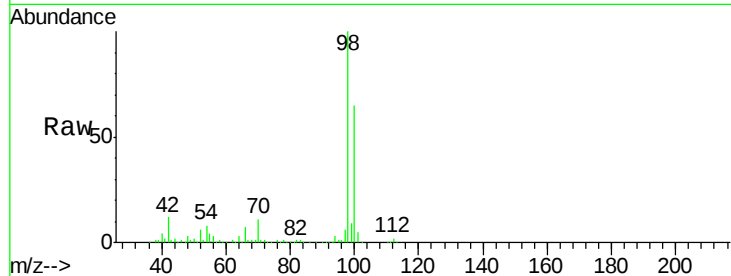
#50
Toluene-d8
Concen: 49.26 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VU024695.D
Acq: 18 Jun 2018 16:36

Instrument :
MSVOA_U
ClientSampleId :
T2-MW-4-8.0-061218

Tot Ion	98	Resp	449618
Ion Ratio	100	Lower	Upper
98	100		
100	63.4	51.1	76.7

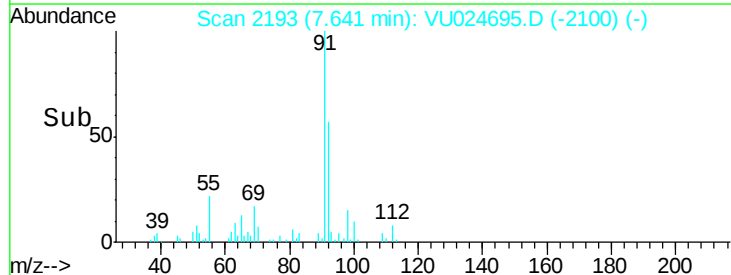
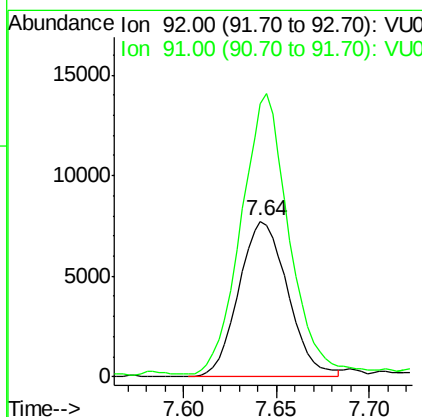
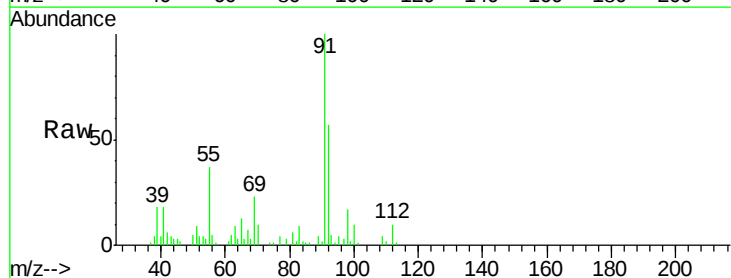
Manual Integrations
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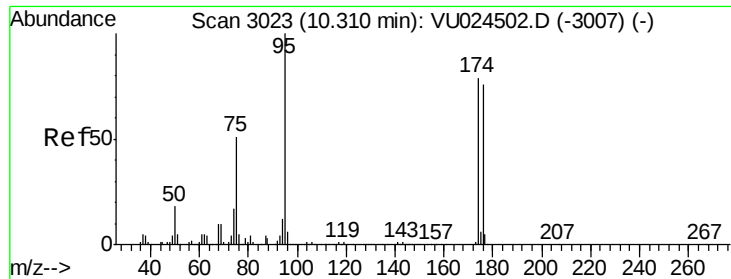
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#52
Toluene
Concen: 2.19 ug/l
RT: 7.64 min Scan# 2193
Delta R.T. 0.00 min
Lab File: VU024695.D
Acq: 18 Jun 2018 16:36

Tgt Ion	92	Resp	14257
Ion Ratio	100	Lower	Upper
92	100		
91	175.8	140.5	210.7





#62

4-Bromofluorobenzene

Concen: 46.77 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU024695.D

Acq: 18 Jun 2018 16:36

Instrument :

MSVOA_U

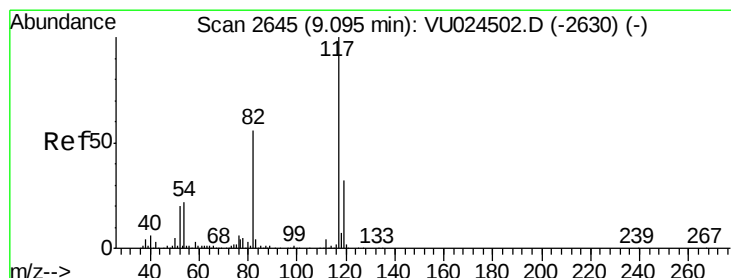
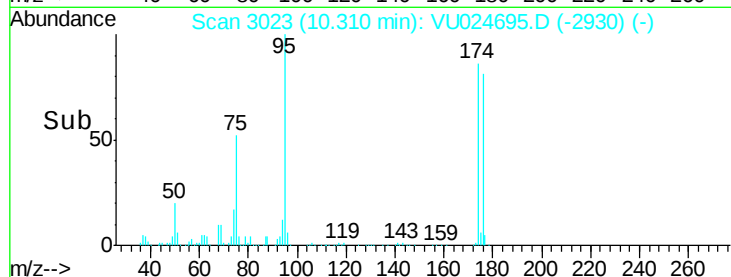
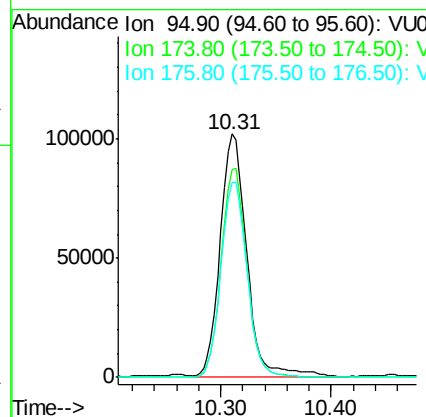
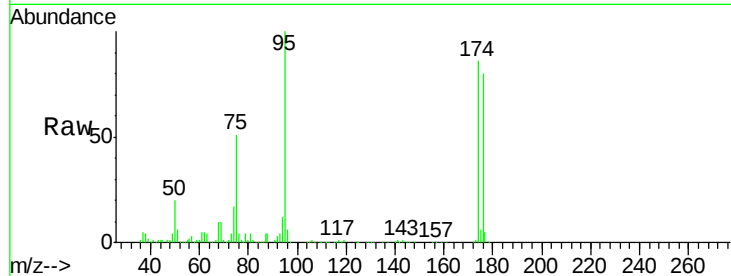
ClientSampleId :

T2-MW-4-8.0-061218

Tot Ion:	95	Resp:	169488
Ion Ratio	Lower	Upper	
95	100		
174	82.7	0.0	165.8
176	79.3	0.0	159.4

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.00 ug/l

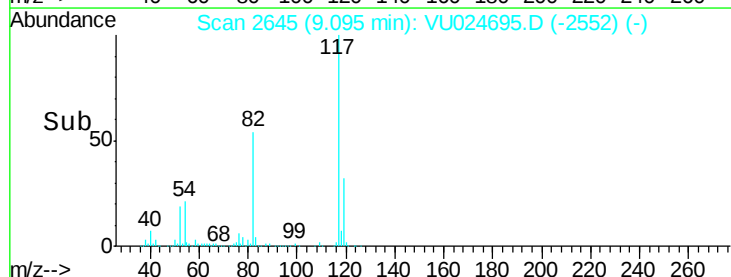
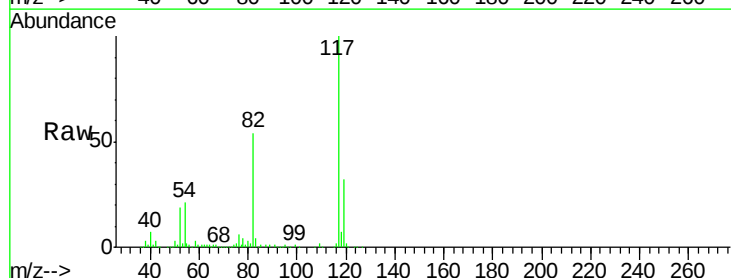
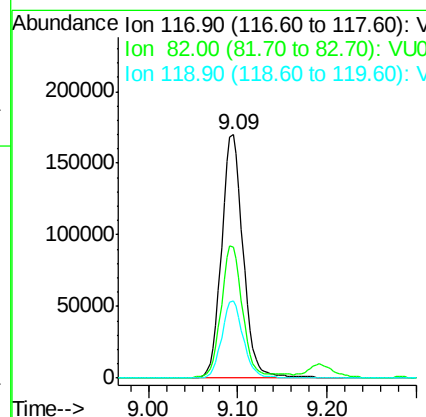
RT: 9.09 min Scan# 2645

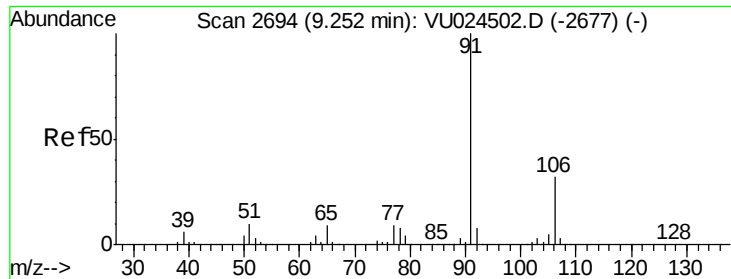
Delta R.T. 0.00 min

Lab File: VU024695.D

Acq: 18 Jun 2018 16:36

Tgt Ion:	117	Resp:	285704
Ion Ratio	Lower	Upper	
117	100		
82	53.6	44.3	66.5
119	31.7	25.4	38.2





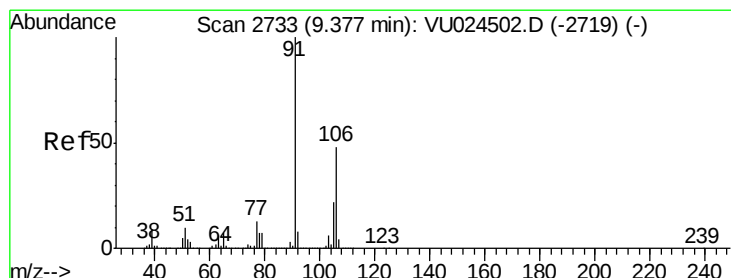
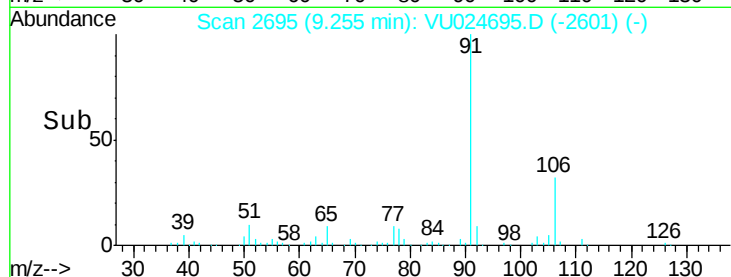
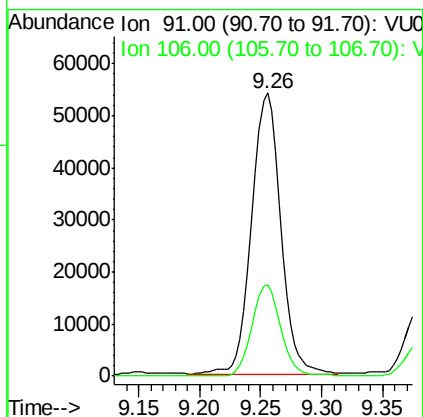
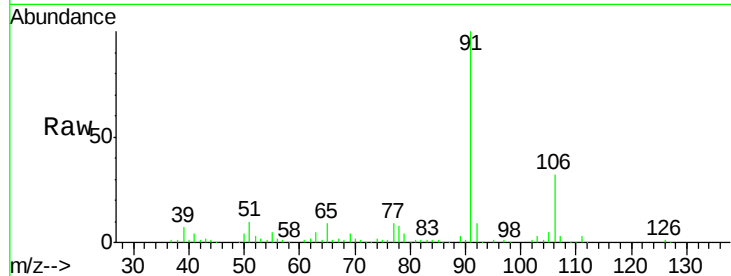
#67
Ethyl Benzene
Concen: 6.94 ug/l
RT: 9.26 min Scan# 2695
Delta R.T. 0.00 min
Lab File: VU024695.D
Acq: 18 Jun 2018 16:36

Instrument :
MSVOA_U
ClientSampleId :
T2-MW-4-8.0-061218

Tot Ion: 91 Resp: 88848
Ion Ratio Lower Upper
91 100
106 32.4 24.2 36.4

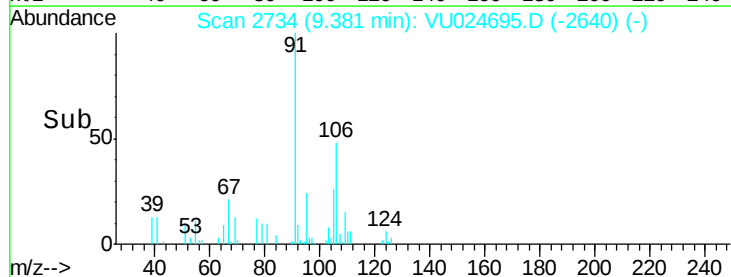
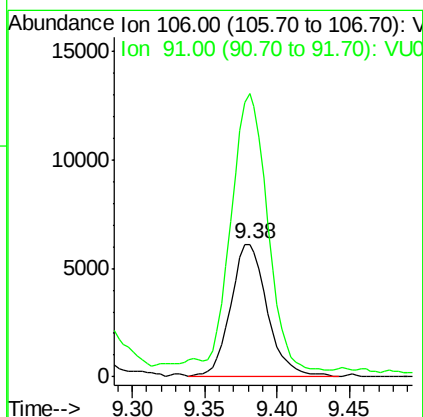
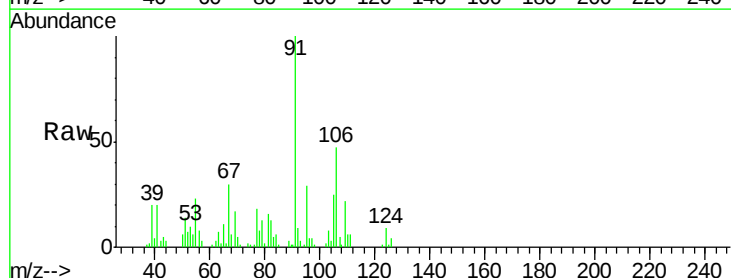
Manual Integrations
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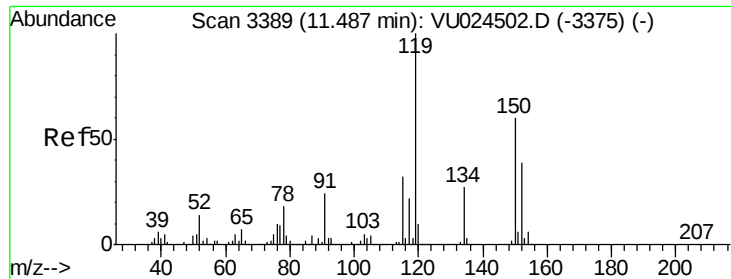
MMDadoda
6/19/2018 1:55:03 PM



#68
m/p-Xylenes
Concen: 2.19 ug/l
RT: 9.38 min Scan# 2734
Delta R.T. 0.00 min
Lab File: VU024695.D
Acq: 18 Jun 2018 16:36

Tgt Ion: 106 Resp: 10758
Ion Ratio Lower Upper
106 100
91 204.7 166.5 249.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU024695.D

Acq: 18 Jun 2018 16:36

Instrument :

MSVOA_U

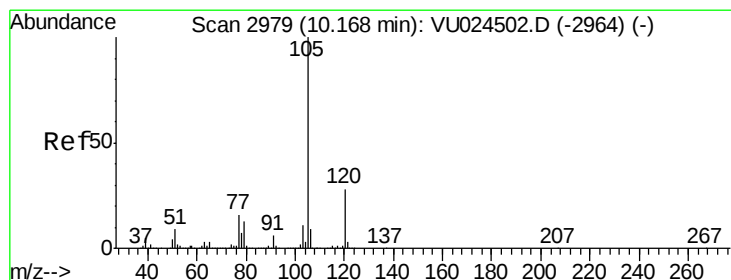
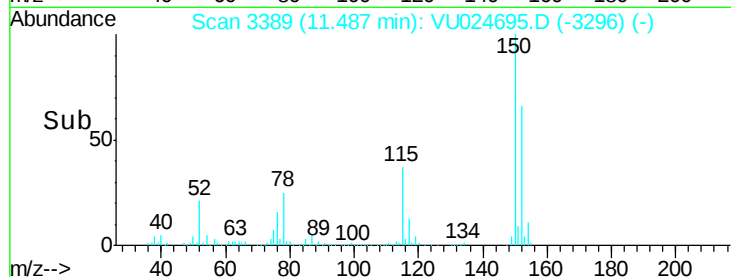
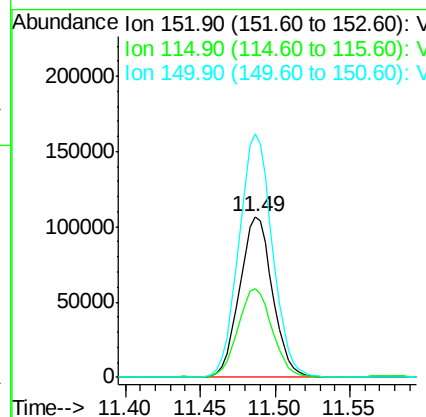
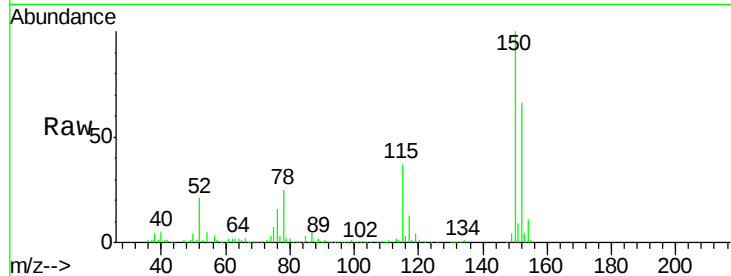
ClientSampleId :

T2-MW-4-8.0-061218

Tot Ion:	152	Resp:	163519
Ion Ratio	Lower	Upper	
152	100		
115	56.8	43.0	129.0
150	154.4	0.0	354.0

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#73

Isopropylbenzene

Concen: 96.07 ug/l

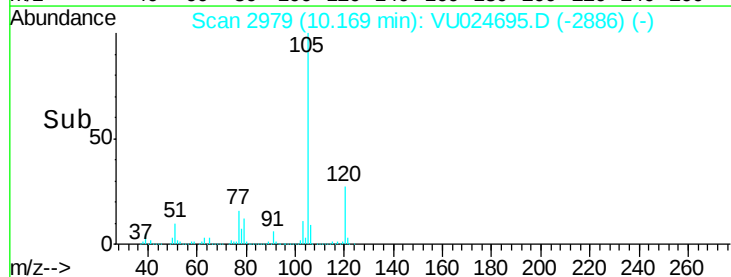
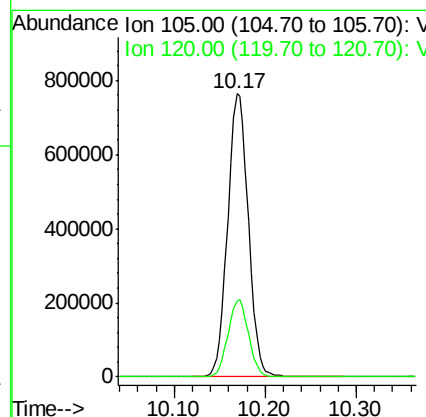
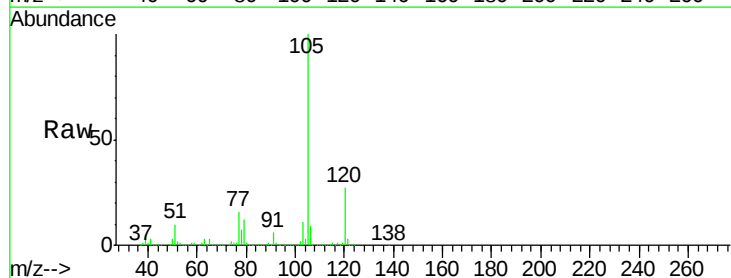
RT: 10.17 min Scan# 2979

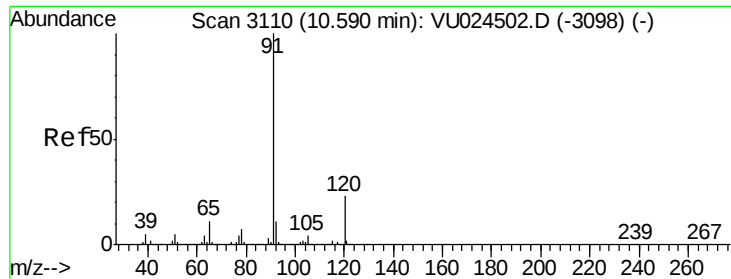
Delta R.T. 0.00 min

Lab File: VU024695.D

Acq: 18 Jun 2018 16:36

Tgt Ion:	105	Resp:	1206110
Ion Ratio	Lower	Upper	
105	100		
120	27.2	13.2	39.6





#78

n-propylbenzene

Concen: 211.93 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU024695.D

Acq: 18 Jun 2018 16:36

Instrument :

MSVOA_U

ClientSampleId :

T2-MW-4-8.0-061218

Tot Ion: 91 Resp: 3134198

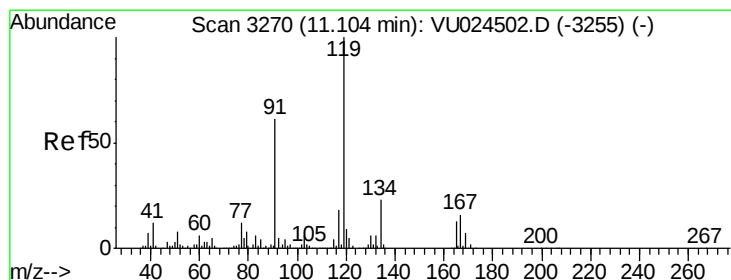
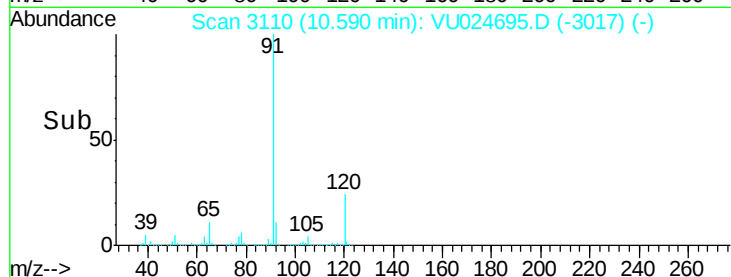
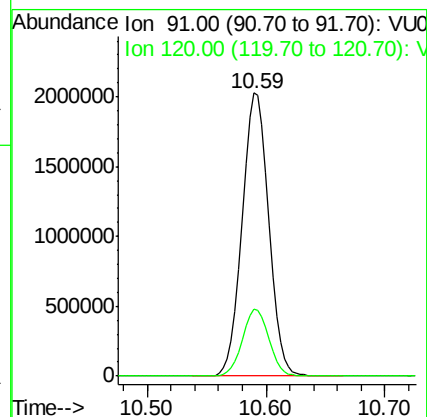
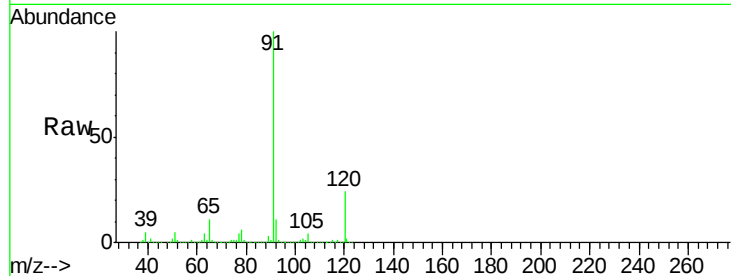
Ion Ratio Lower Upper

91 100

120 23.6 11.2 33.5

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#83

tert-Butylbenzene

Concen: 1.36 ug/l

RT: 11.10 min Scan# 3270

Delta R.T. 0.00 min

Lab File: VU024695.D

Acq: 18 Jun 2018 16:36

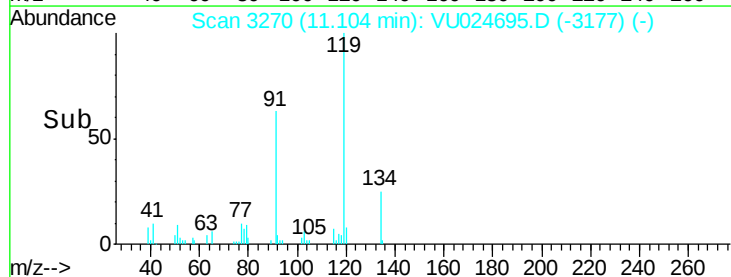
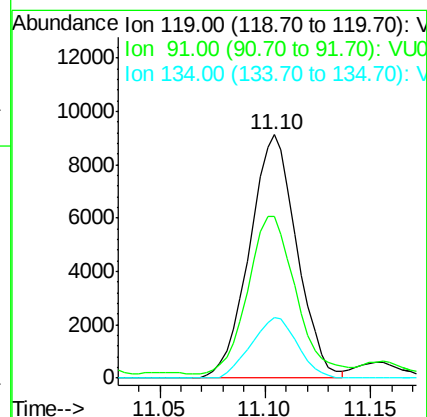
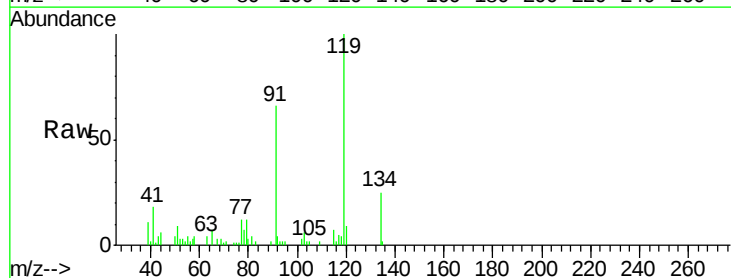
Tgt Ion: 119 Resp: 14227

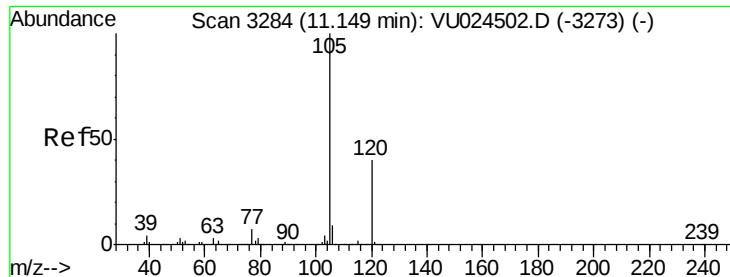
Ion Ratio Lower Upper

119 100

91 64.8 29.7 89.1

134 24.4 11.6 34.7





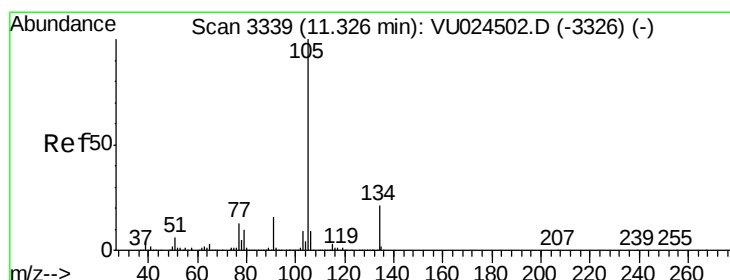
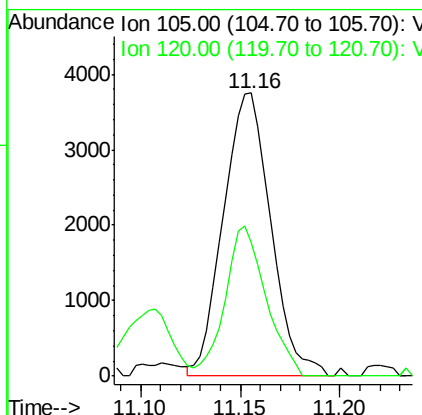
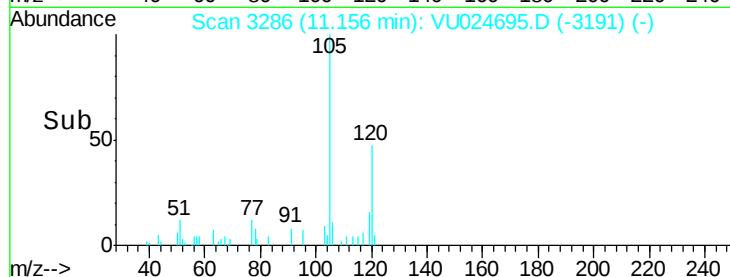
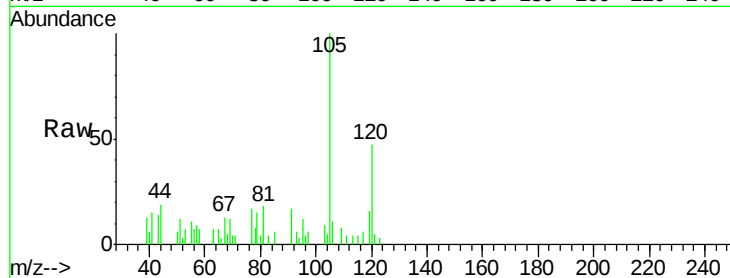
#84
 1,2,4-Trimethylbenzene
 Concen: 0.56 ug/l m
 RT: 11.16 min Scan# 3286
 Delta R.T. 0.01 min
 Lab File: VU024695.D
 Acq: 18 Jun 2018 16:36

Instrument :
 MSVOA_U
 ClientSampleId :
 T2-MW-4-8.0-061218

Tot Ion:105 Resp: 6222
 Ion Ratio Lower Upper
 105 100
 120 807.3 22.6 67.8#

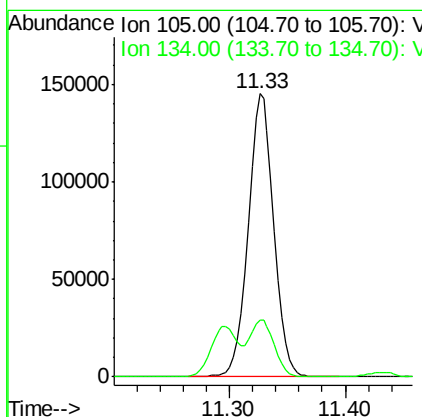
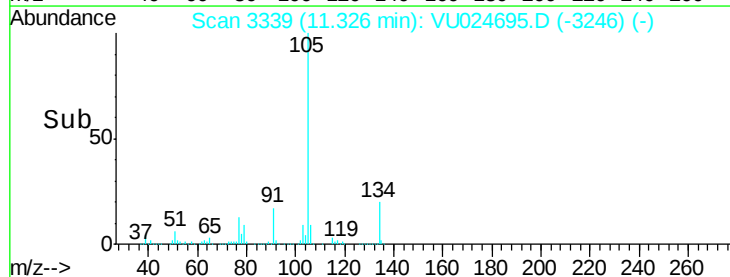
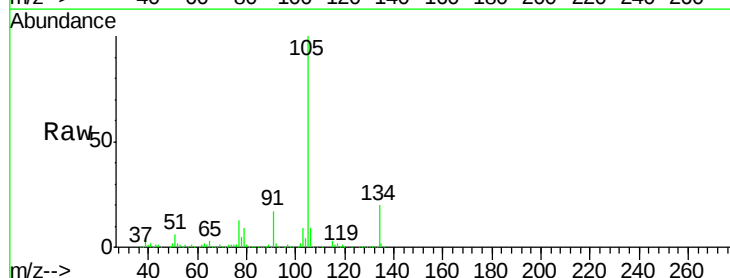
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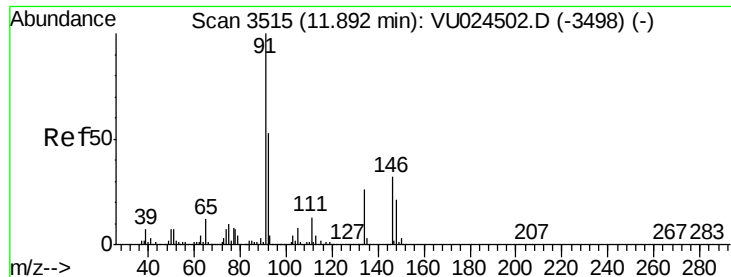
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 6/19/2018 1:55:03 PM



#85
 sec-Butylbenzene
 Concen: 16.99 ug/l
 RT: 11.33 min Scan# 3339
 Delta R.T. 0.00 min
 Lab File: VU024695.D
 Acq: 18 Jun 2018 16:36

Tgt Ion:105 Resp: 222547
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.7 29.1





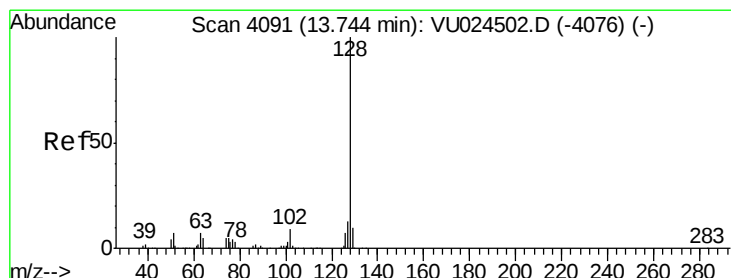
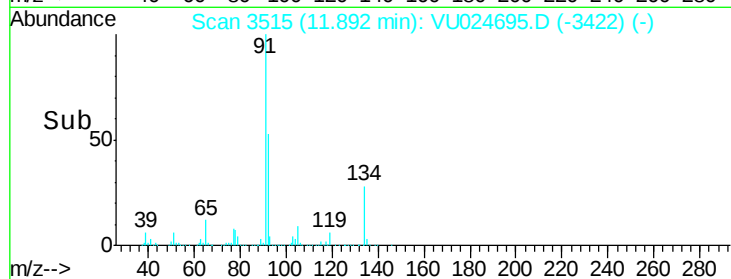
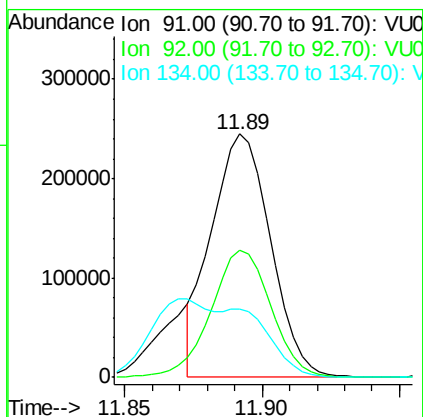
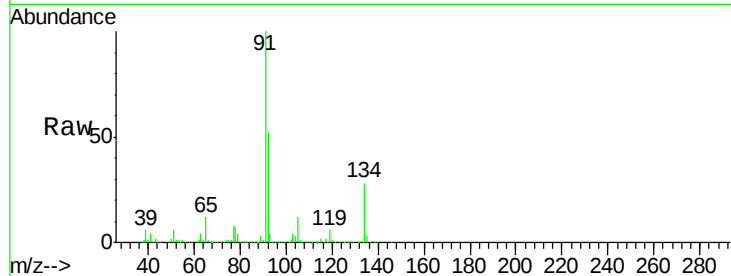
#89
n-Butylbenzene
Concen: 35.39 ug/l m
RT: 11.89 min Scan# 3515
Delta R.T. 0.00 min
Lab File: VU024695.D
Acq: 18 Jun 2018 16:36

Instrument :
MSVOA_U
ClientSampleId :
T2-MW-4-8.0-061218

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.1	25.6	76.8
134	0.0	12.3	36.8#

Manual Integrations
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#95
Naphthalene
Concen: 171.71 ug/l
RT: 13.74 min Scan# 4091
Delta R.T. 0.00 min
Lab File: VU024695.D
Acq: 18 Jun 2018 16:36

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.6	16.0
129	11.3	8.6	12.8

