

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062718\
 Data File : VU024952.D
 Acq On : 27 Jun 2018 04:23
 Operator : MD/SY
 Sample : J3664-13ME
 Misc : 5.82g/5.0ml/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB485-21-23-180619ME

Manual Integrations
 APPROVED

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 6/28/2018 4:37:26 PM

Quant Time: Jun 27 06:33:13 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	4.98	168	242948	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	363320	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.10	117	350396	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	230409	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	179667	45.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.60%	
35) Dibromofluoromethane	4.89	113	138882	46.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.12%	
50) Toluene-d8	7.57	98	532234	48.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.78%	
62) 4-Bromofluorobenzene	10.32	95	242201	55.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.92%	
Target Compounds						
39) Methylcyclohexane	6.41	83	14801	2.78	ug/l	96
65) Chlorobenzene	9.13	112	83864	9.37	ug/l	98
73) Isopropylbenzene	10.17	105	12539	0.71	ug/l	98
83) tert-Butylbenzene	11.11	119	30843	2.09	ug/l	97
85) sec-Butylbenzene	11.33	105	473891	25.67	ug/l	98
89) n-Butylbenzene	11.90	91	482041m	32.84	ug/l	

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

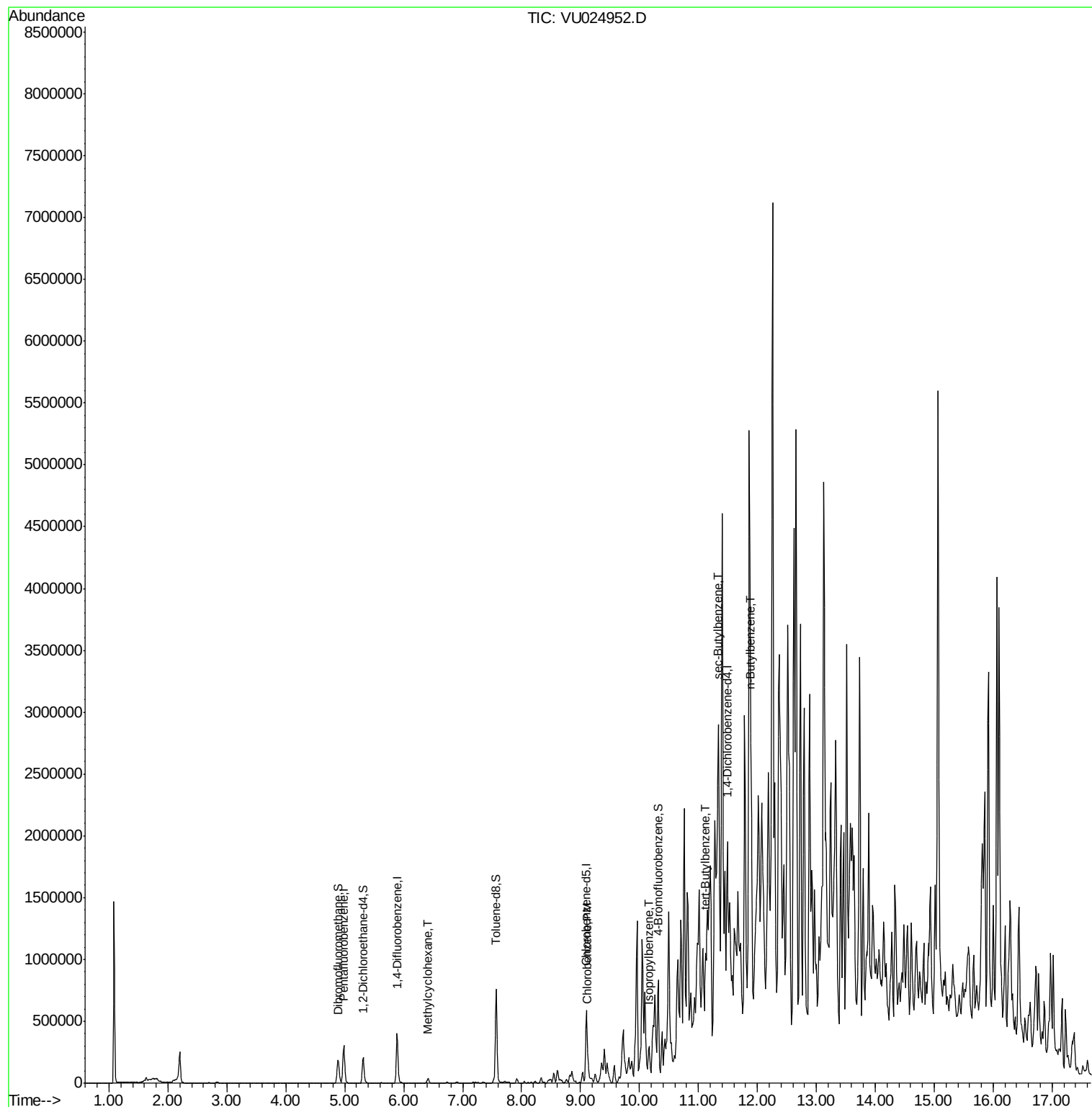
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU062718\
Data File : VU024952.D
Acq On : 27 Jun 2018 04:23
Operator : MD/SY
Sample : J3664-13ME
Misc : 5.82g/5.0ml/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 26 Sample Multiplier: 1

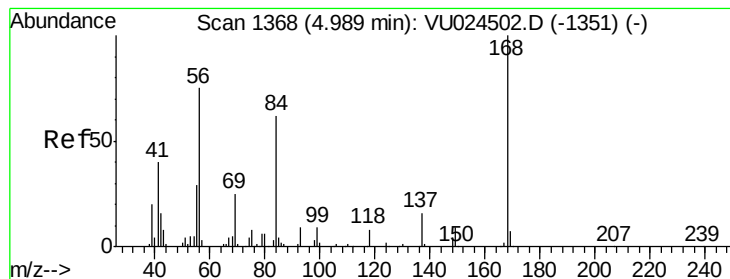
Instrument :
MSVOA_U
ClientSampleId :
WP021SB485-21-23-180619ME

Manual Integrations
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Quant Time: Jun 27 06:33:13 2018
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: 4.98 min Scan# 1366

Delta R.T. -0.01 min

Lab File: VU024952.D

Acq: 27 Jun 2018 04:23

Instrument :

MSVOA_U

ClientSampleId :

WP021SB485-21-23-180619ME

Tot Ion:168 Resp: 242948

Ion Ratio Lower Upper

168 100

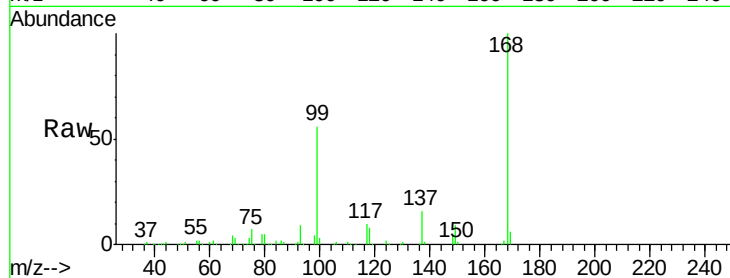
99 55.7 43.2 64.8

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Abundance Ion 167.90 (167.60 to 168.60): VU024952.D (-1351) (-)

Ion 98.90 (98.60 to 99.60): VU024952.D (-1351) (-)

4.98

120000

100000

80000

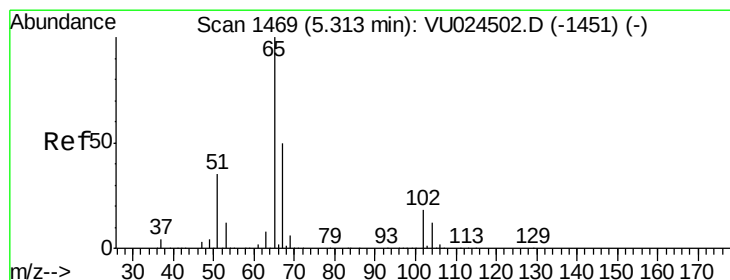
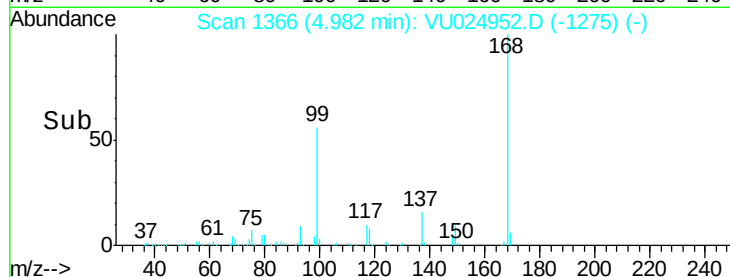
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 45.30 ug/l

RT: 5.31 min Scan# 1468

Delta R.T. -0.00 min

Lab File: VU024952.D

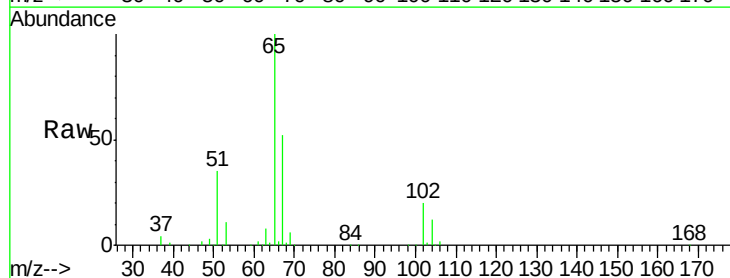
Acq: 27 Jun 2018 04:23

Tgt Ion: 65 Resp: 179667

Ion Ratio Lower Upper

65 100

67 51.7 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VU024952.D (-1376) (-)

Ion 66.90 (66.60 to 67.60): VU024952.D (-1376) (-)

5.31

80000

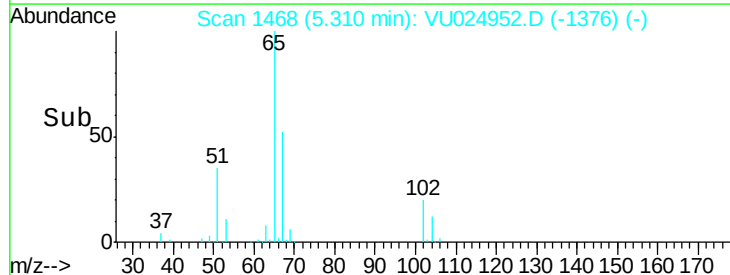
60000

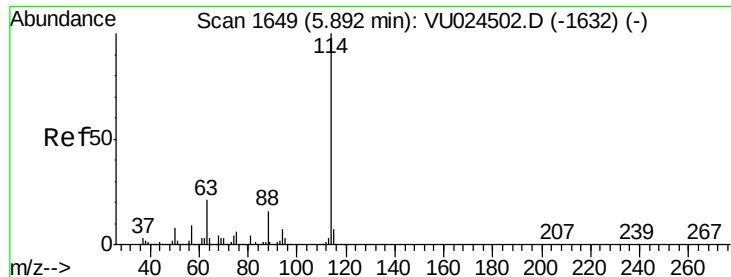
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1647

Delta R.T. -0.01 min

Lab File: VU024952.D

Acq: 27 Jun 2018 04:23

Instrument :

MSVOA_U

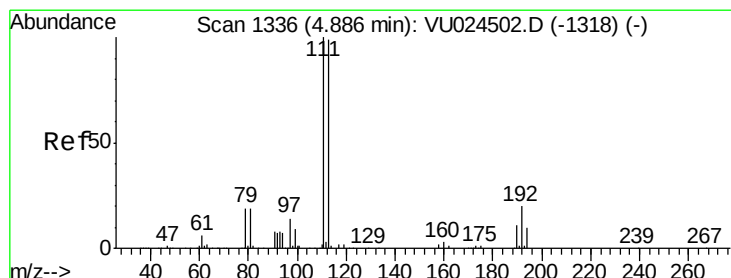
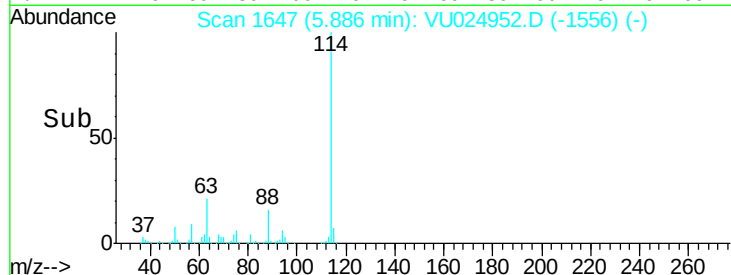
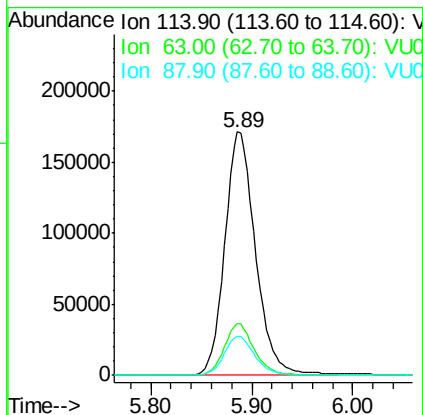
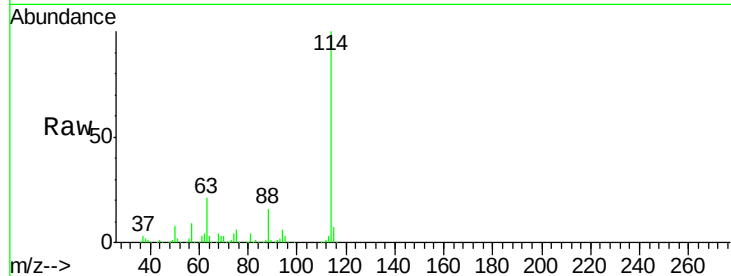
ClientSampleId :

WP021SB485-21-23-180619ME

Tot Ion:	114	Resp:	363320
Ion Ratio	Lower	Upper	
114	100		
63	21.4	0.0	45.4
88	16.1	0.0	31.0

Manual Integrations
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#35

Dibromofluoromethane

Concen: 46.06 ug/l

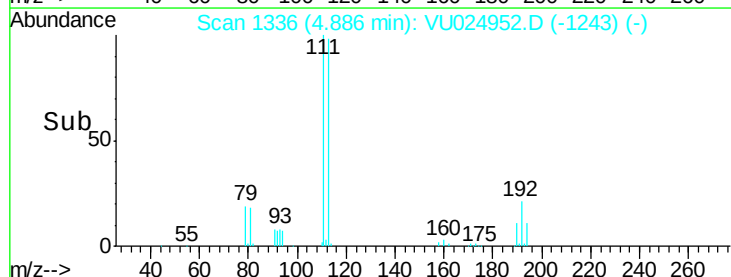
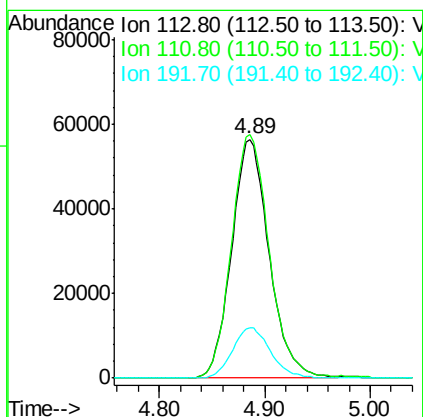
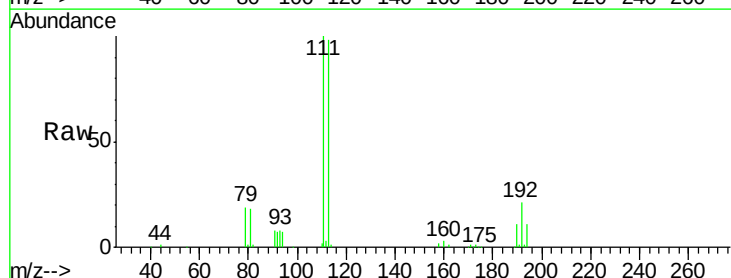
RT: 4.89 min Scan# 1336

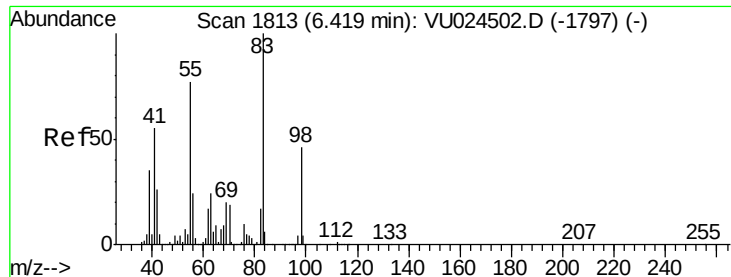
Delta R.T. 0.00 min

Lab File: VU024952.D

Acq: 27 Jun 2018 04:23

Tgt Ion:	113	Resp:	138882
Ion Ratio	Lower	Upper	
113	100		
111	102.7	82.2	123.4
192	21.5	16.2	24.4





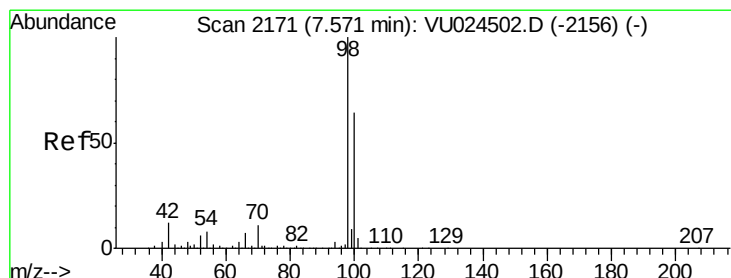
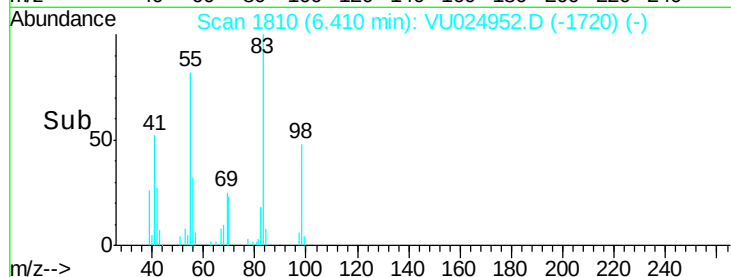
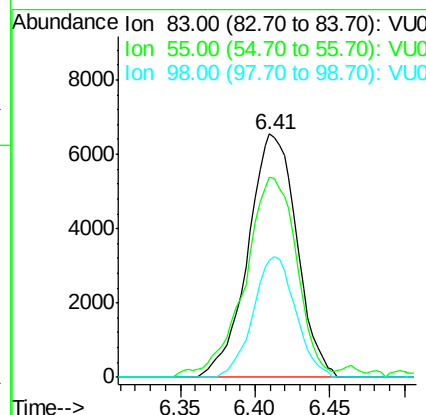
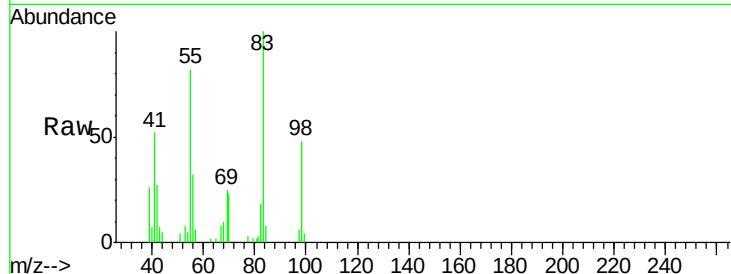
#39
Methylvlcyclohexane
Concen: 2.78 ug/l
RT: 6.41 min Scan# 1810
Delta R.T. -0.01 min
Lab File: VU024952.D
Acq: 27 Jun 2018 04:23

Instrument :
MSVOA_U
ClientSampleId :
WP021SB485-21-23-180619ME

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.0	65.8	98.6
98	48.2	36.7	55.1

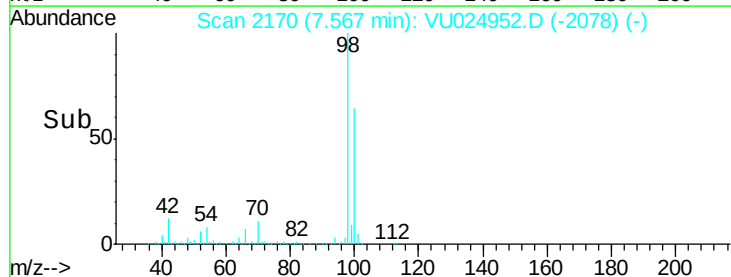
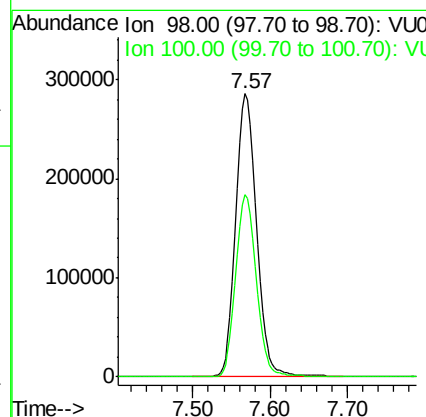
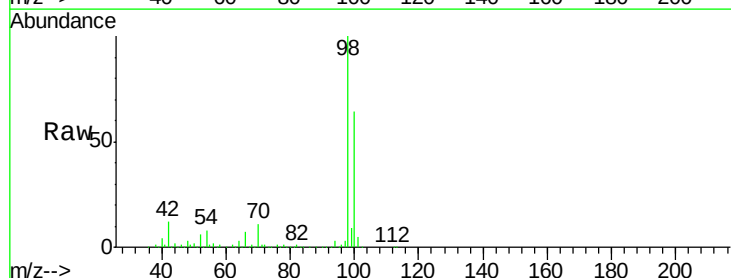
Manual Integrations
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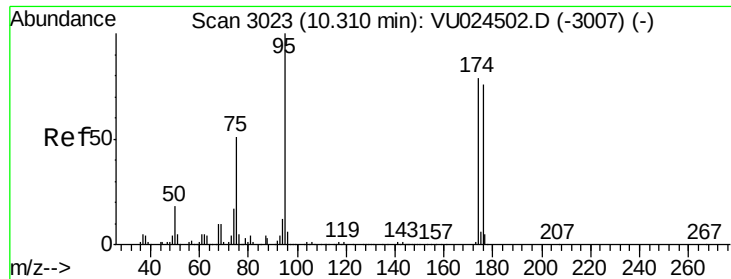
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#50
Toluene-d8
Concen: 48.39 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VU024952.D
Acq: 27 Jun 2018 04:23

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.1	76.7





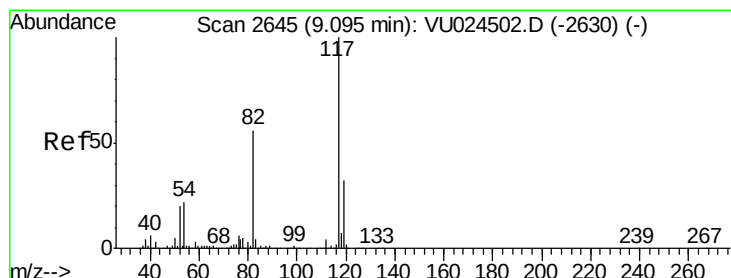
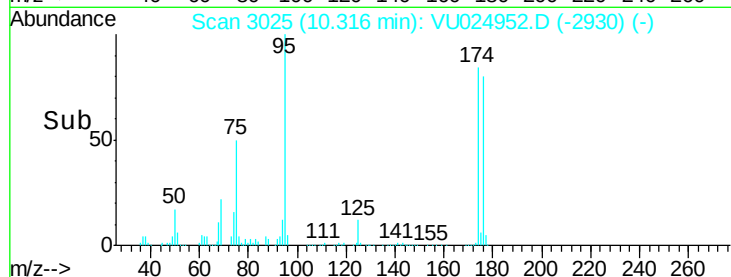
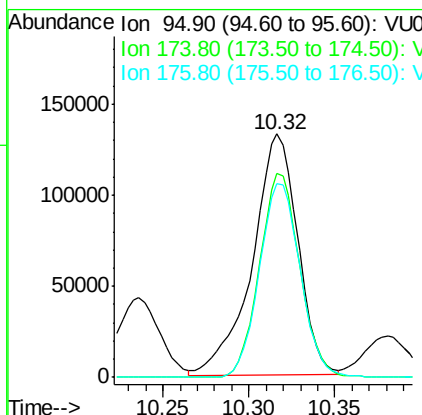
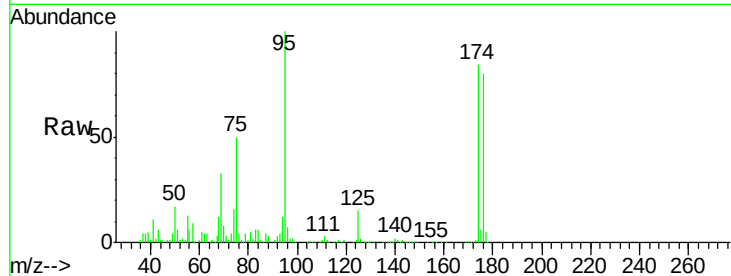
#62
4-Bromofluorobenzene
Concen: 55.46 ug/l
RT: 10.32 min Scan# 3025
Delta R.T. 0.01 min
Lab File: VU024952.D
Acq: 27 Jun 2018 04:23

Instrument :
MSVOA_U
ClientSampleId :
WP021SB485-21-23-180619ME

Tot Ion	Ratio	Resp	Lower	Upper
95	100	242201		
174	75.1	0.0	165.8	
176	72.5	0.0	159.4	

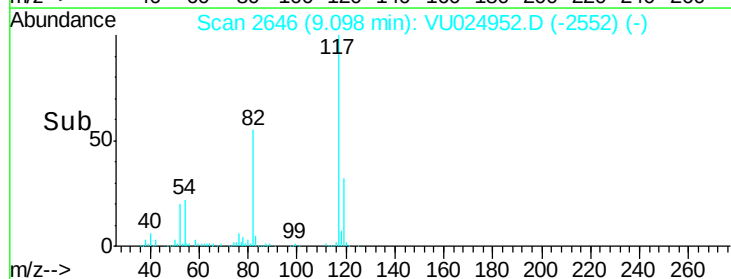
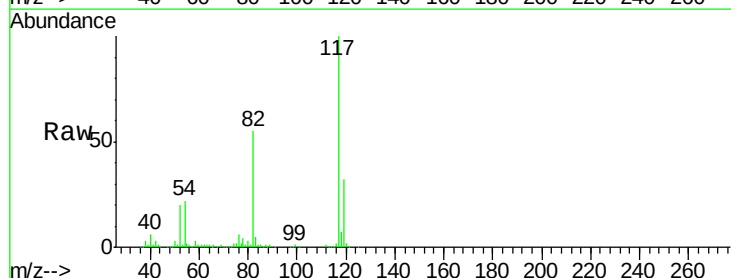
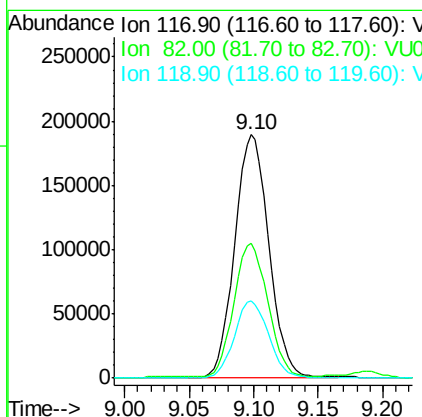
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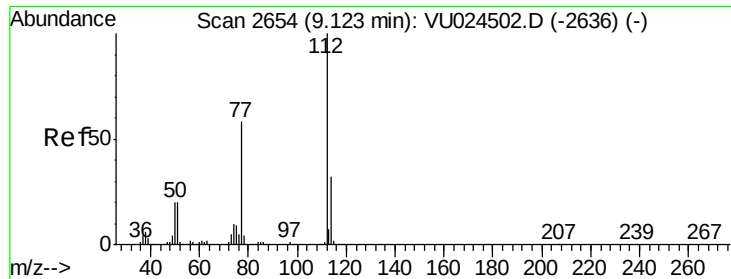
MMDadoda
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#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.10 min Scan# 2646
Delta R.T. 0.00 min
Lab File: VU024952.D
Acq: 27 Jun 2018 04:23

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	350396		
82	54.5	44.3	66.5	
119	31.7	25.4	38.2	





#65

Chlorobenzene

Concen: 9.37 ug/l

RT: 9.13 min Scan# 2655

Delta R.T. 0.00 min

Lab File: VU024952.D

Acq: 27 Jun 2018 04:23

Instrument :

MSVOA_U

ClientSampleId :

WP021SB485-21-23-180619ME

Tot Ion:112 Resp: 83864

Ion Ratio Lower Upper

112 100

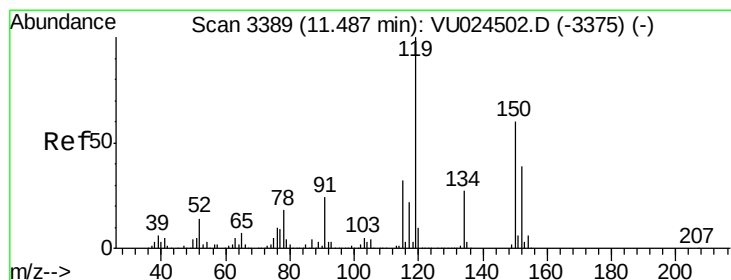
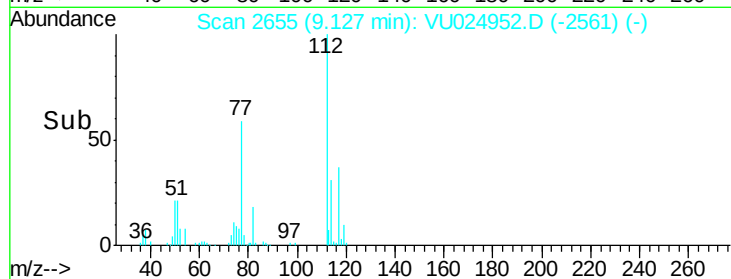
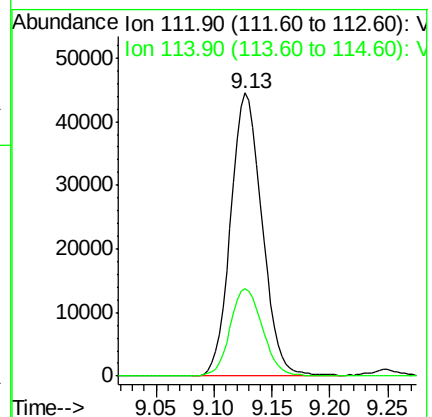
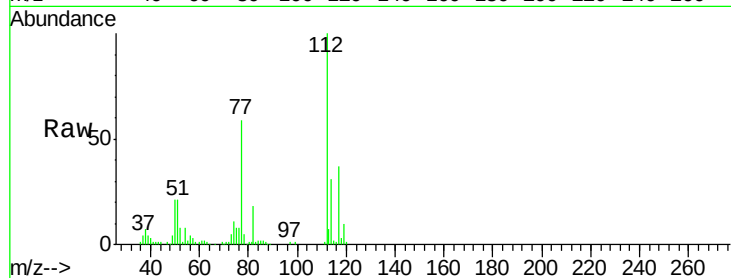
114 30.8 25.6 38.4

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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VU024952.D

Acq: 27 Jun 2018 04:23

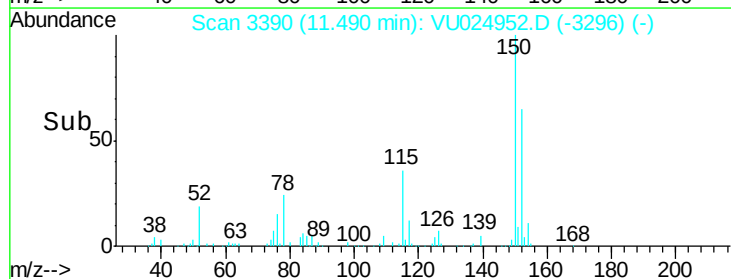
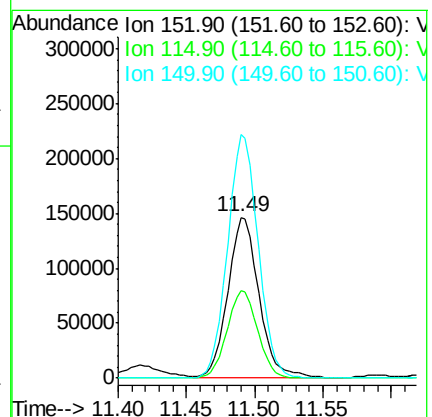
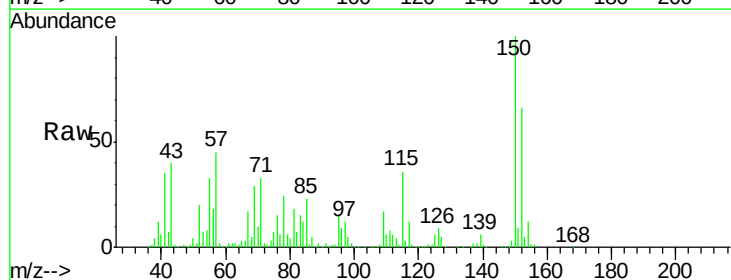
Tgt Ion:152 Resp: 230409

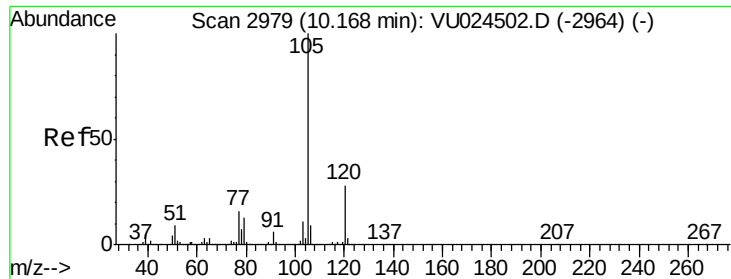
Ion Ratio Lower Upper

152 100

115 53.3 43.0 129.0

150 149.4 0.0 354.0





#73

Isopropylbenzene

Concen: 0.71 ug/l

RT: 10.17 min Scan# 2981

Delta R.T. 0.01 min

Lab File: VU024952.D

Acq: 27 Jun 2018 04:23

Instrument :

MSVOA_U

ClientSampleId :

WP021SB485-21-23-180619ME

Tot Ion:105 Resp: 12539

Ion Ratio Lower Upper

105 100

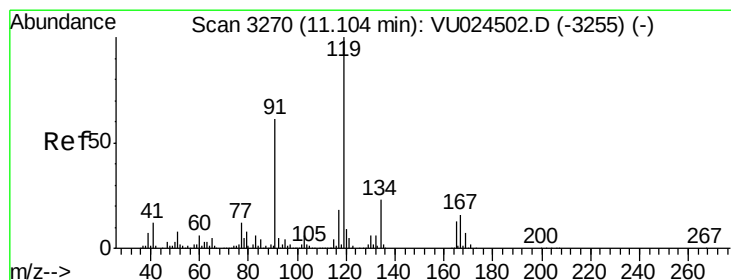
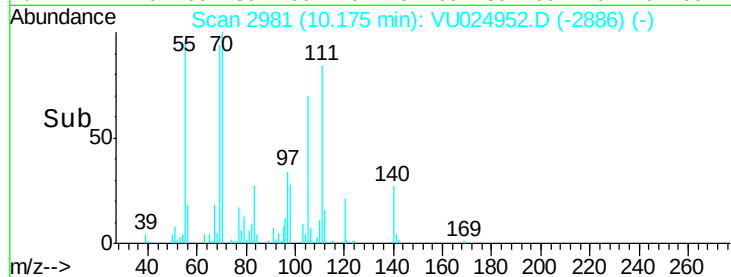
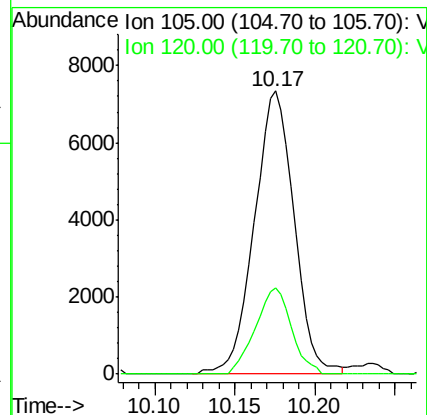
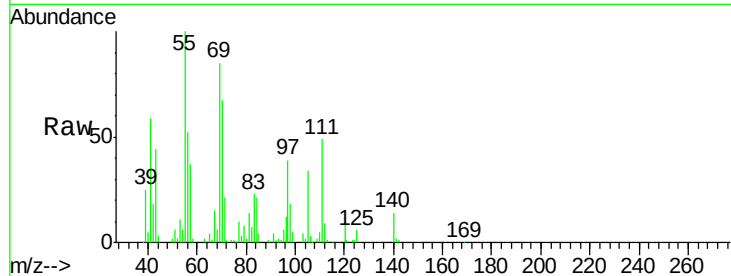
120 27.5 13.2 39.6

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#83

tert-Butylbenzene

Concen: 2.09 ug/l

RT: 11.11 min Scan# 3271

Delta R.T. 0.00 min

Lab File: VU024952.D

Acq: 27 Jun 2018 04:23

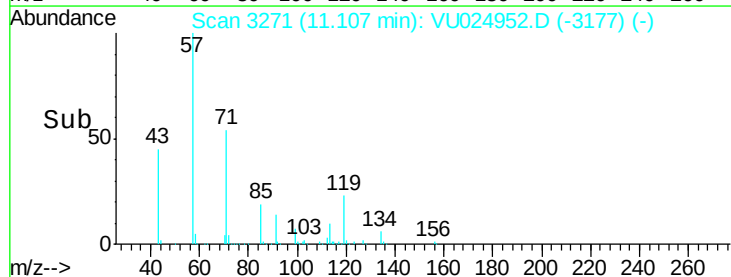
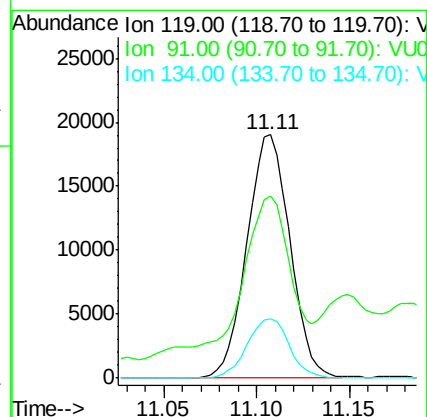
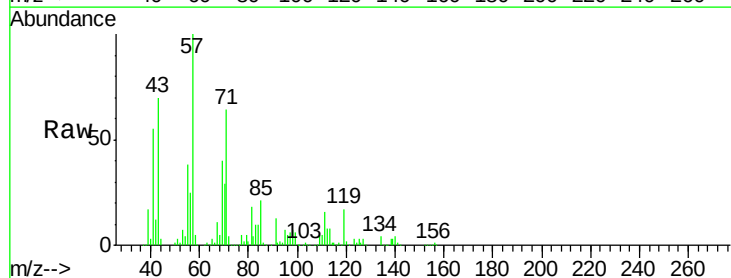
Tgt Ion:119 Resp: 30843

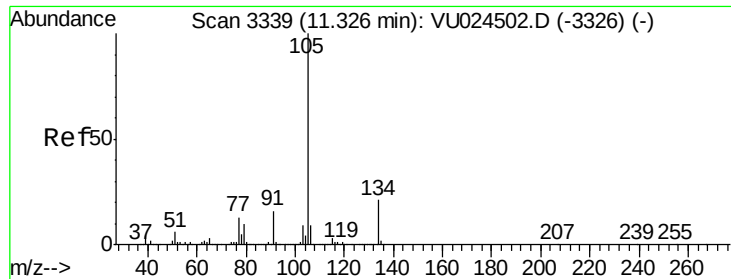
Ion Ratio Lower Upper

119 100

91 62.1 29.7 89.1

134 23.9 11.6 34.7





#85

sec-Butylbenzene

Concen: 25.67 ug/l

RT: 11.33 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VU024952.D

Acq: 27 Jun 2018 04:23

Instrument :

MSVOA_U

ClientSampleId :

WP021SB485-21-23-180619ME

Tot Ion: 105 Resp: 473891

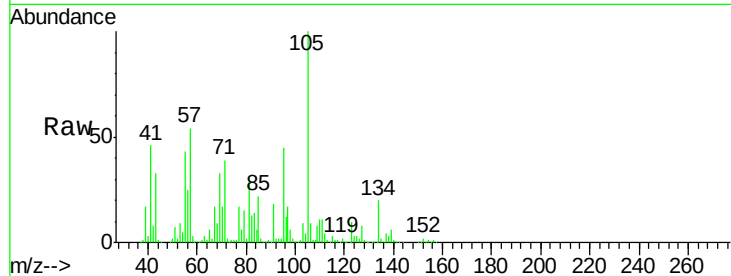
Ion Ratio Lower Upper

105 100

134 18.7 9.7 29.1

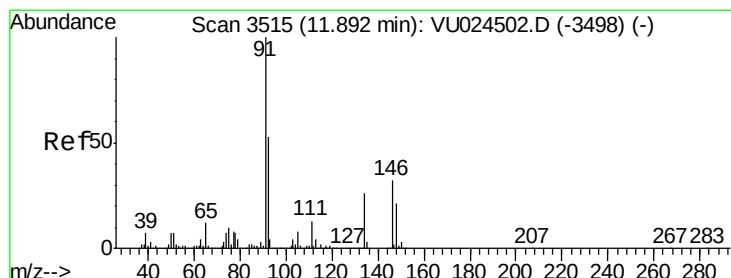
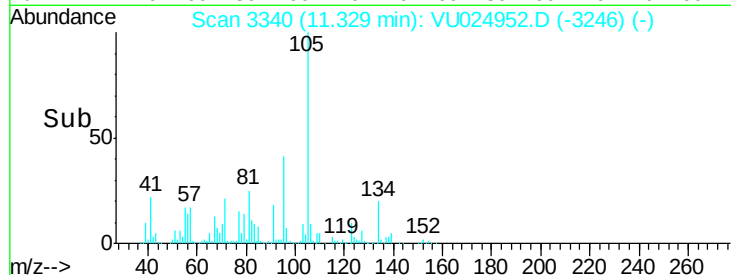
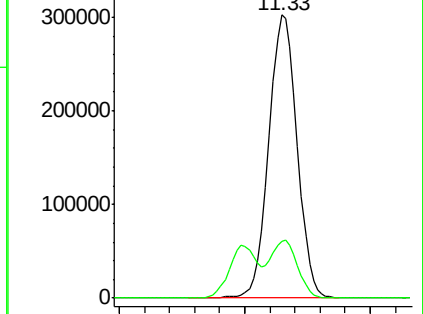
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#89

n-Butylbenzene

Concen: 32.84 ug/l m

RT: 11.90 min Scan# 3516

Delta R.T. 0.00 min

Lab File: VU024952.D

Acq: 27 Jun 2018 04:23

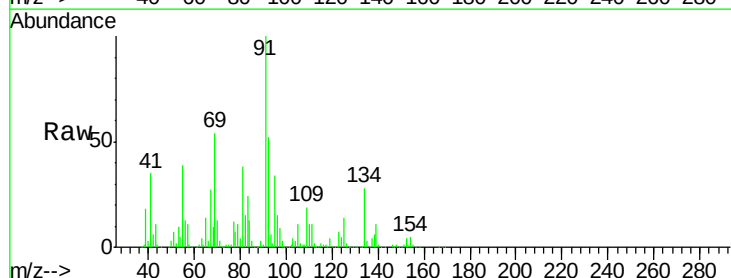
Tgt Ion: 91 Resp: 482041

Ion Ratio Lower Upper

91 100

92 52.4 25.6 76.8

134 0.0 12.3 36.8#



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0

Ion 134.00 (133.70 to 134.70): V

