

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070718\
 Data File : VU025249.D
 Acq On : 06 Jul 2018 18:53
 Operator : MD/SY
 Sample : J3808-11
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DUP-0473-180628

Manual Integrations
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 7/9/2018 12:58:00 PM

Quant Time: Jul 09 10:38:22 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	200584	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	302319	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	279147	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	147911	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	153635	46.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.84%	
35) Dibromofluoromethane	4.89	113	120074	47.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.72%	
50) Toluene-d8	7.57	98	431930	47.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.40%	
62) 4-Bromofluorobenzene	10.31	95	156793	43.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.30%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.23	96	5789	2.002	ug/l	51
44) Trichloroethene	6.19	130	6645	2.307	ug/l	92
65) Chlorobenzene	9.12	112	21607	3.030	ug/l	96
73) Isopropylbenzene	10.17	105	12610	1.110	ug/l	94
78) n-propylbenzene	10.59	91	19791	1.479	ug/l	98
83) tert-Butylbenzene	11.10	119	56563	5.974	ug/l	91
85) sec-Butylbenzene	11.33	105	88596	7.476	ug/l	96
89) n-Butylbenzene	11.90	91	8610m	0.914	ug/l	

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

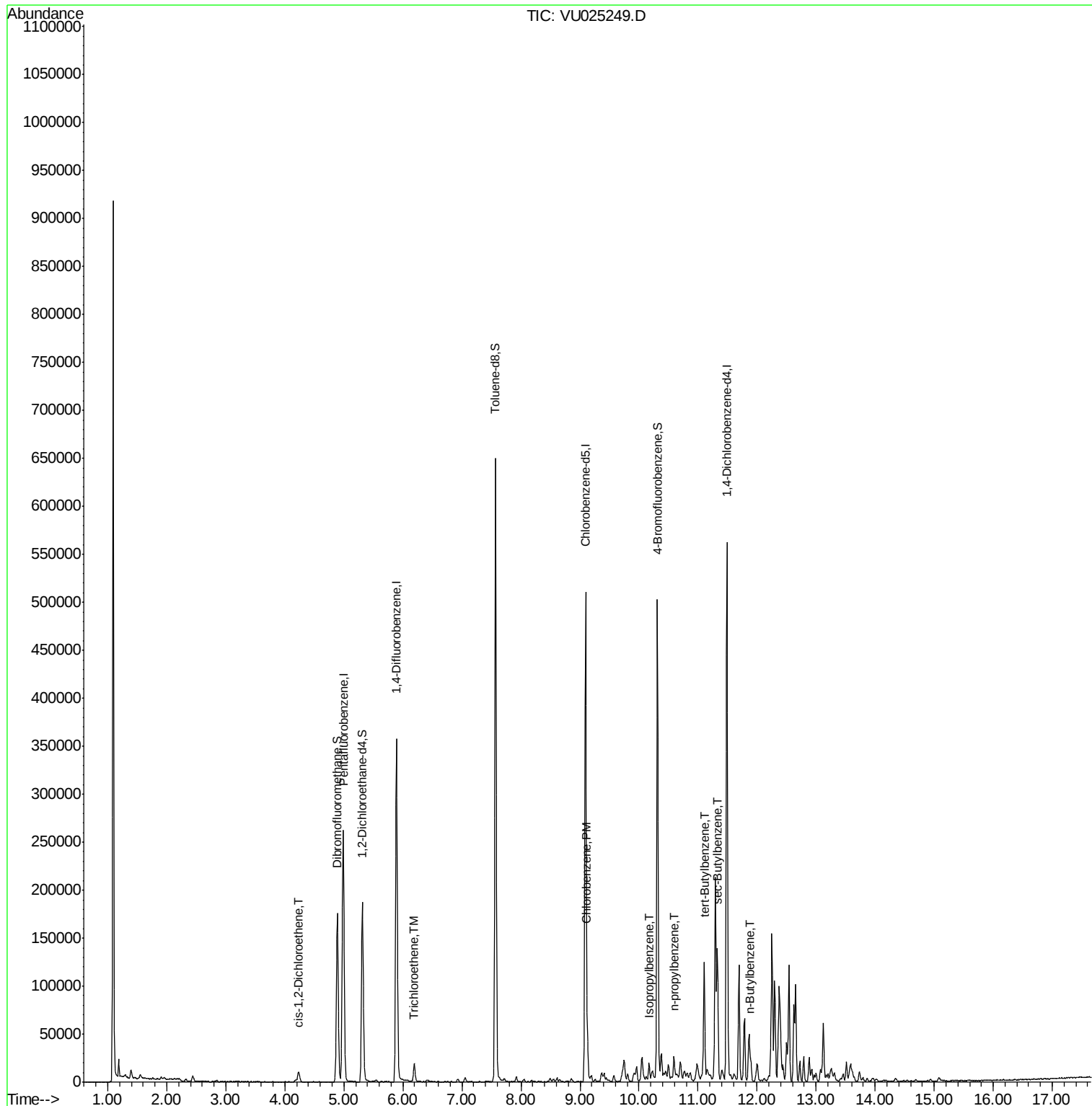
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU070718\
Data File : VU025249.D
Acq On : 06 Jul 2018 18:53
Operator : MD/SY
Sample : J3808-11
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 12 Sample Multiplier: 1

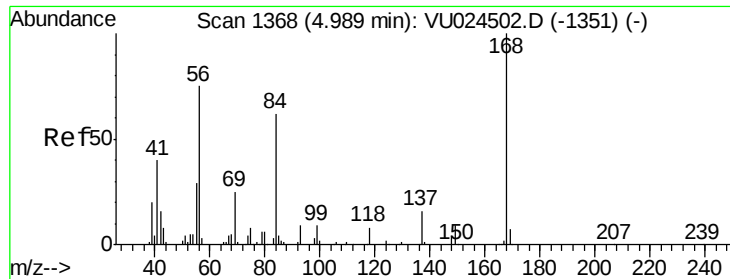
Instrument :
MSVOA_U
ClientSampleId :
DUP-0473-180628

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Quant Time: Jul 09 10:38:22 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: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU025249.D

Acq: 06 Jul 2018 18:53

Instrument :

MSVOA_U

ClientSampleId :

DUP-0473-180628

Tot Ion:168 Resp: 200584

Ion Ratio Lower Upper

168 100

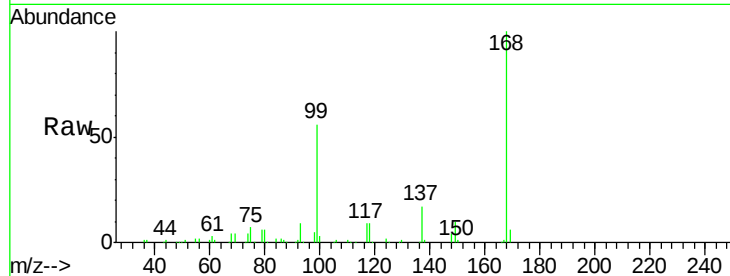
99 56.2 43.2 64.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0

4.99

100000

80000

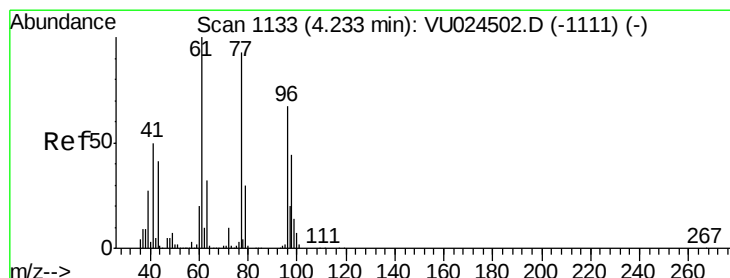
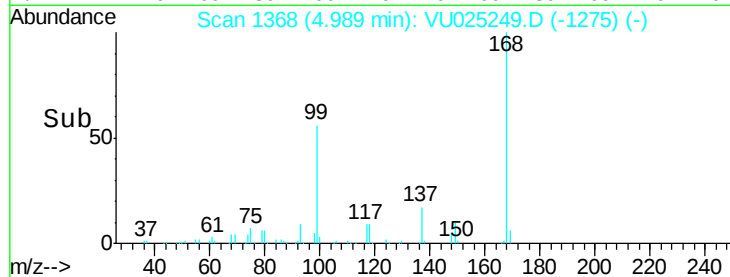
60000

40000

20000

0

Time-->



#27

cis-1,2-Dichloroethene

Concen: 2.002 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. -0.00 min

Lab File: VU025249.D

Acq: 06 Jul 2018 18:53

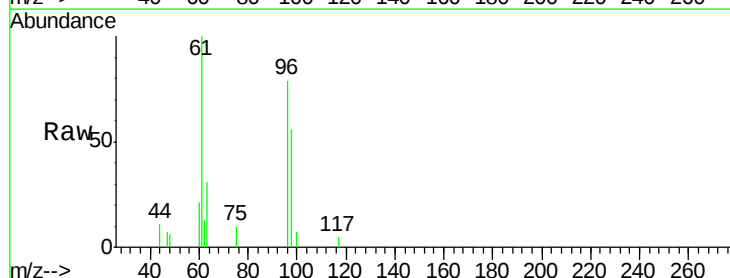
Tgt Ion: 96 Resp: 5789

Ion Ratio Lower Upper

96 100

61 68.8 0.0 306.6

98 70.5 0.0 128.8



Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

4.23

4000

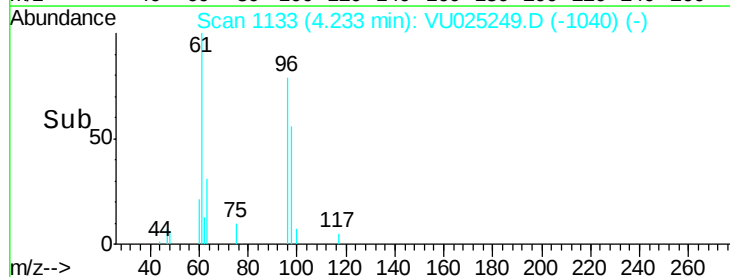
3000

2000

1000

0

Time-->





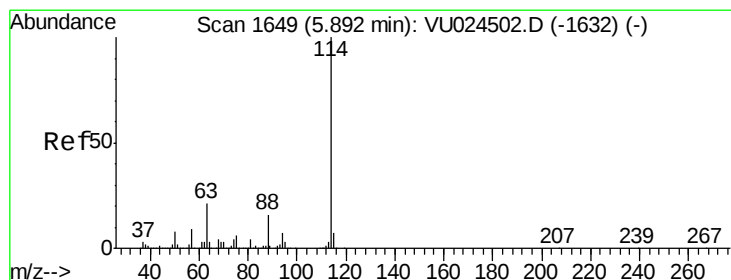
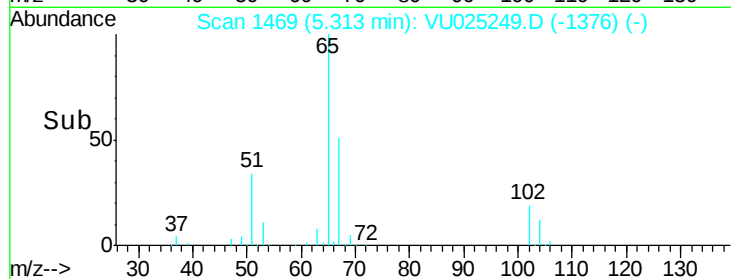
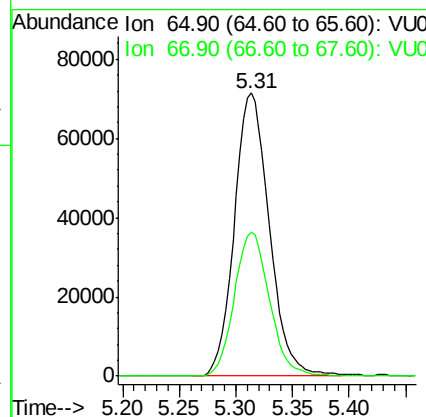
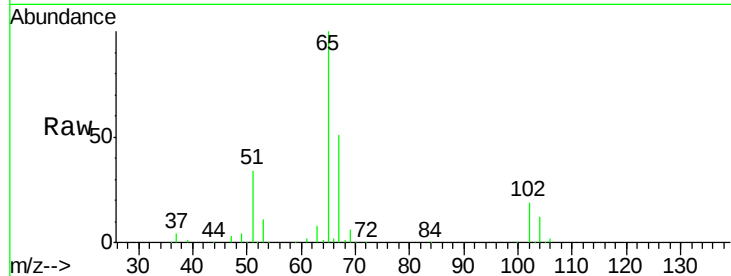
#33
 1,2-Dichloroethane-d4
 Concen: 46.918 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VU025249.D
 Acq: 06 Jul 2018 18:53

Instrument :
 MSVOA_U
 ClientSampleId :
 DUP-0473-180628

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	51.2	0.0	107.0	

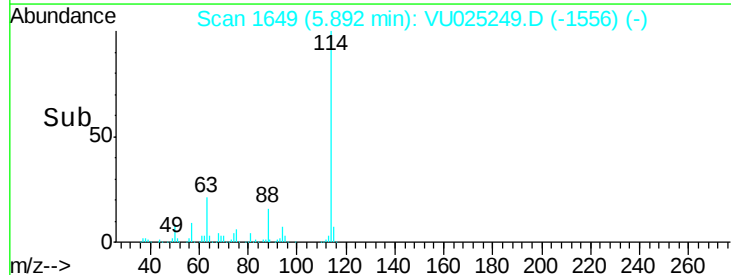
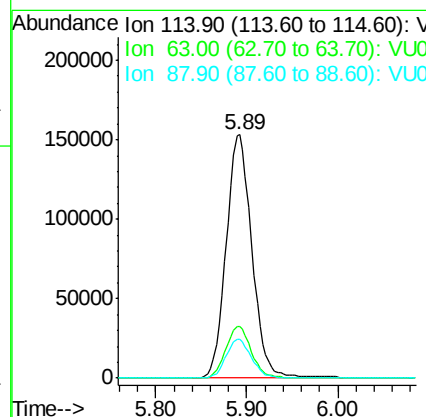
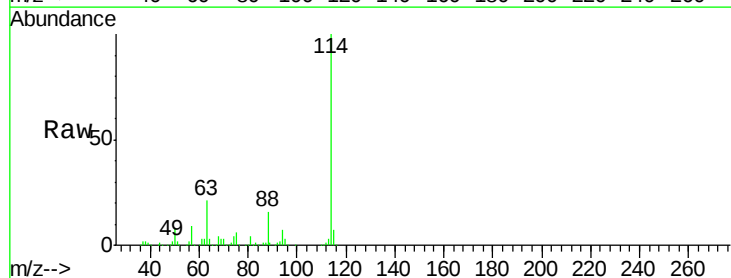
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. -0.00 min
 Lab File: VU025249.D
 Acq: 06 Jul 2018 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	21.4	0.0	45.4	
88	15.9	0.0	31.0	





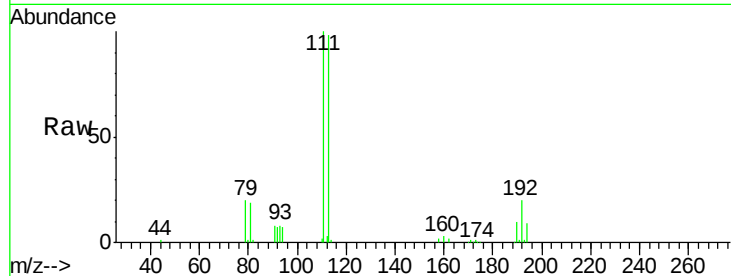
#35
Dibromofluoromethane
Concen: 47.857 ug/l
RT: 4.89 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VU025249.D
Acq: 06 Jul 2018 18:53

Instrument :
MSVOA_U
ClientSampleId :
DUP-0473-180628

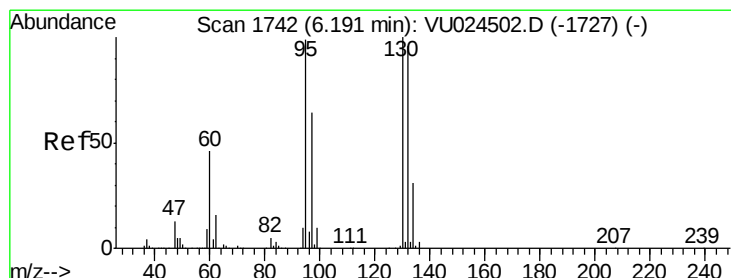
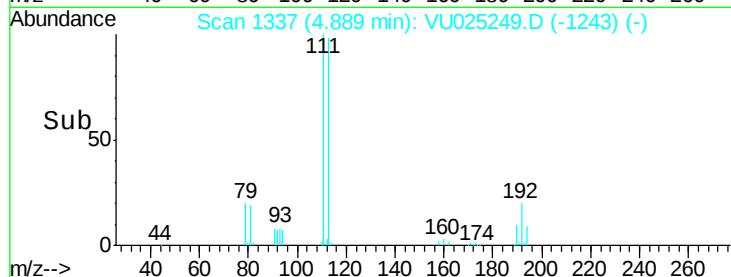
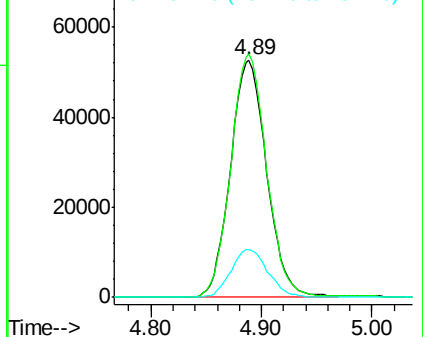
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.2	123.4
192	20.7	16.2	24.4

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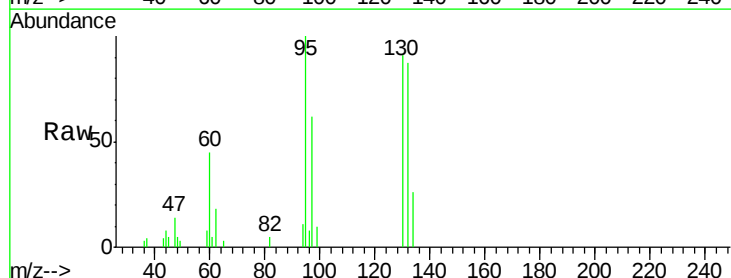


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

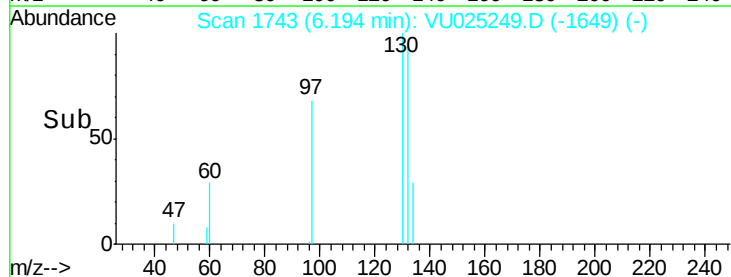
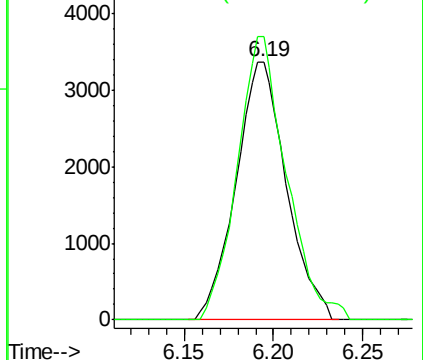


#44
Trichloroethene
Concen: 2.307 ug/l
RT: 6.19 min Scan# 1743
Delta R.T. 0.00 min
Lab File: VU025249.D
Acq: 06 Jul 2018 18:53

Tgt Ion	Ratio	Lower	Upper
130	100		
95	109.5	0.0	202.4



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VU0





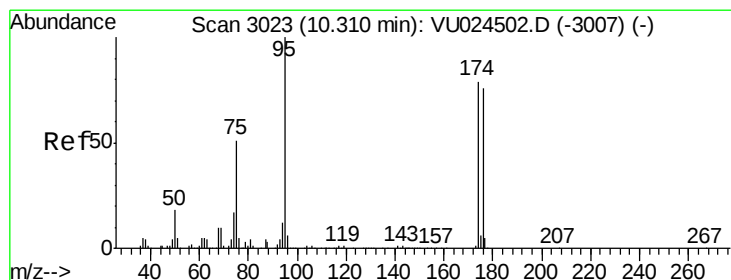
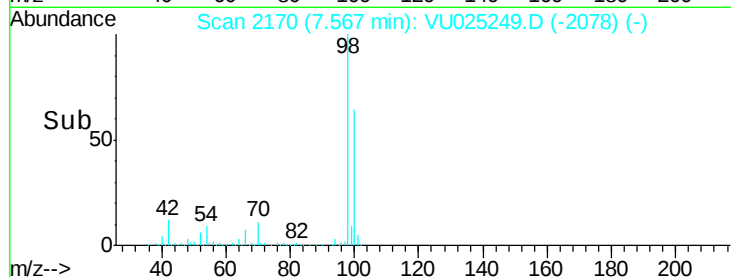
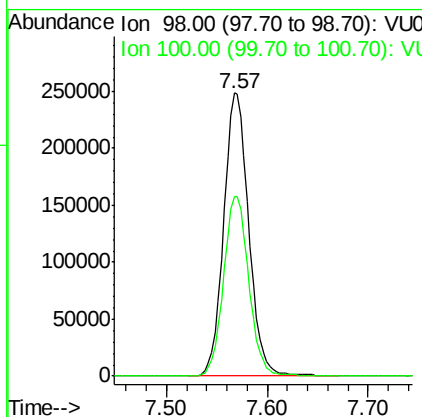
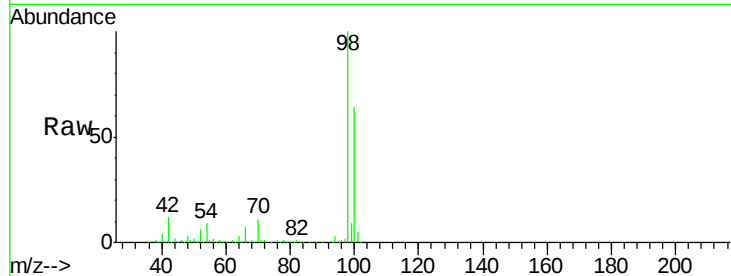
#50
Toluene-d8
Concen: 47.196 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VU025249.D
Acq: 06 Jul 2018 18:53

Instrument :
MSVOA_U
ClientSampleId :
DUP-0473-180628

Tot Ion: 98 Resp: 431930
Ion Ratio Lower Upper
98 100
100 63.9 51.1 76.7

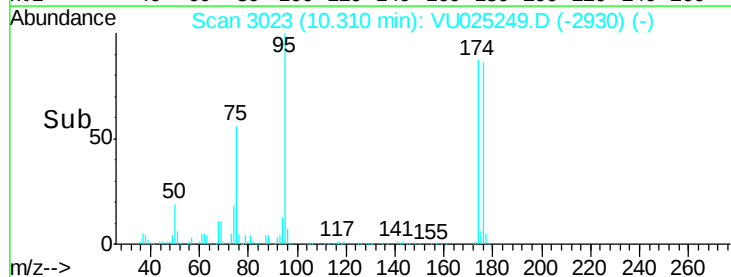
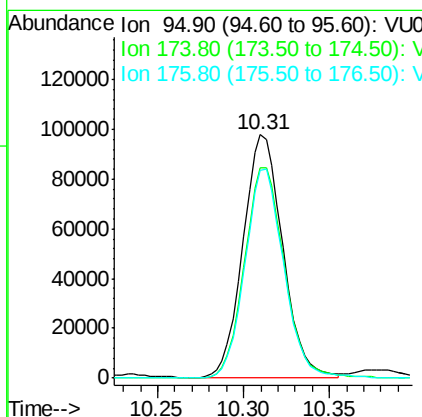
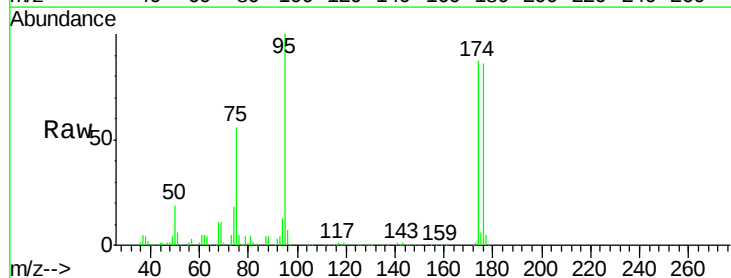
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#62
4-Bromofluorobenzene
Concen: 43.150 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.00 min
Lab File: VU025249.D
Acq: 06 Jul 2018 18:53

Tgt Ion: 95 Resp: 156793
Ion Ratio Lower Upper
95 100
174 87.0 0.0 165.8
176 84.2 0.0 159.4





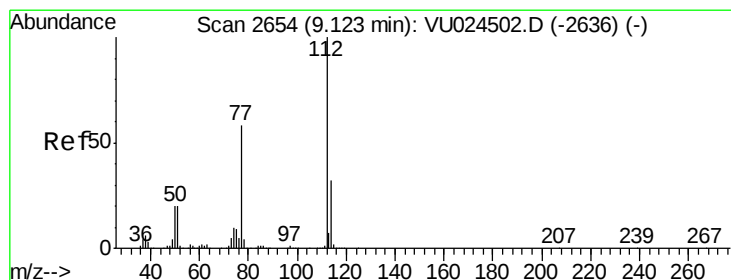
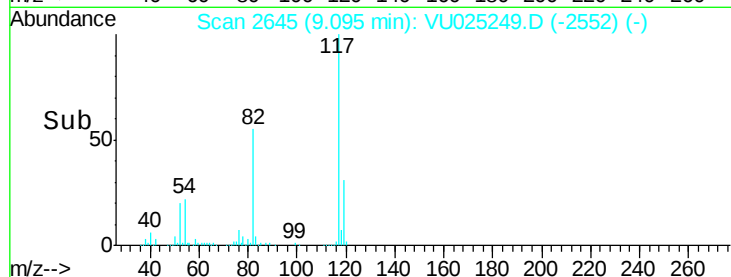
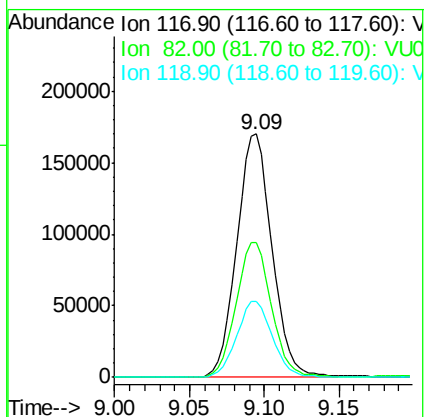
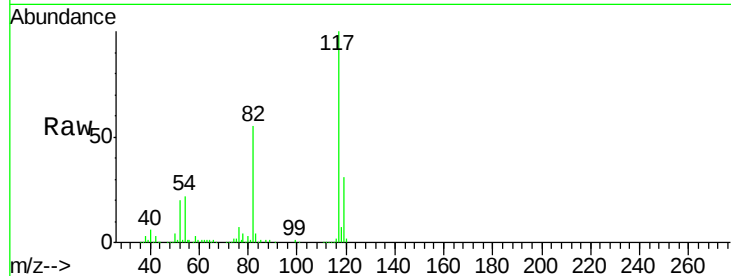
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU025249.D
Acq: 06 Jul 2018 18:53

Instrument :
MSVOA_U
ClientSampleId :
DUP-0473-180628

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.2	44.3	66.5
119	31.1	25.4	38.2

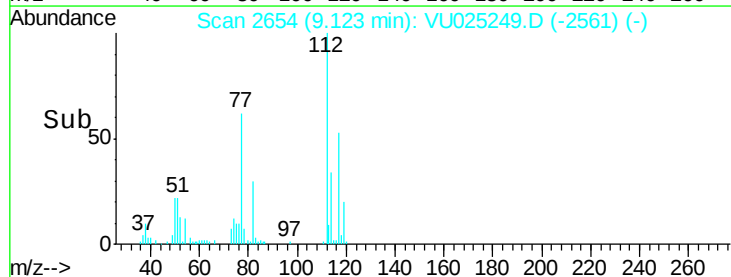
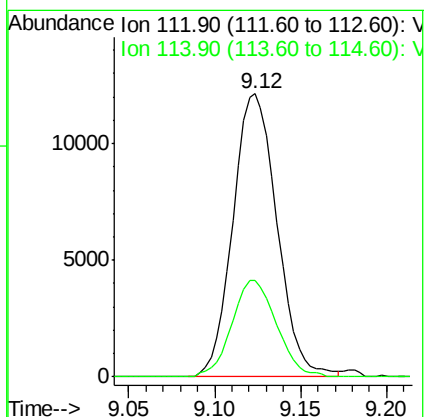
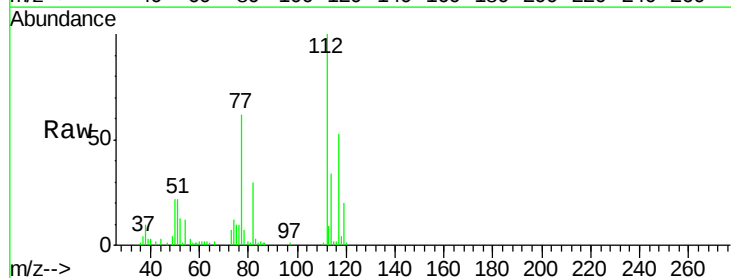
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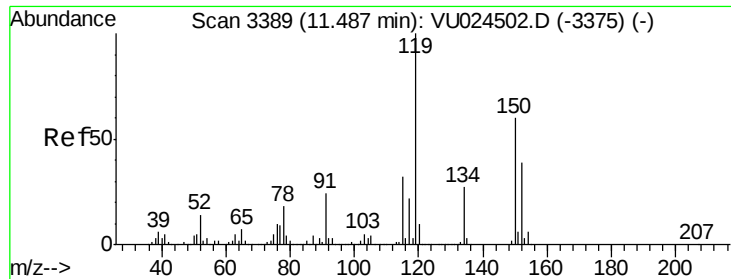
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#65
Chlorobenzene
Concen: 3.030 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. -0.00 min
Lab File: VU025249.D
Acq: 06 Jul 2018 18:53

Tgt Ion	Ratio	Lower	Upper
112	100		
114	34.1	25.6	38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VU025249.D

Acq: 06 Jul 2018 18:53

Instrument :

MSVOA_U

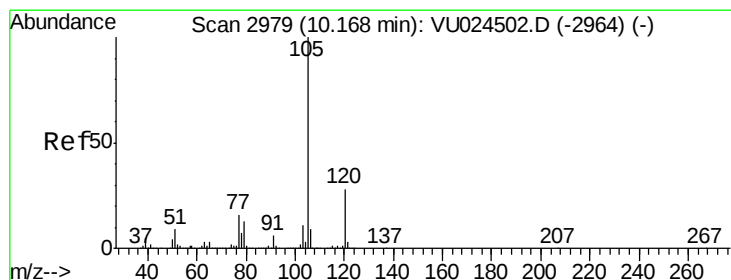
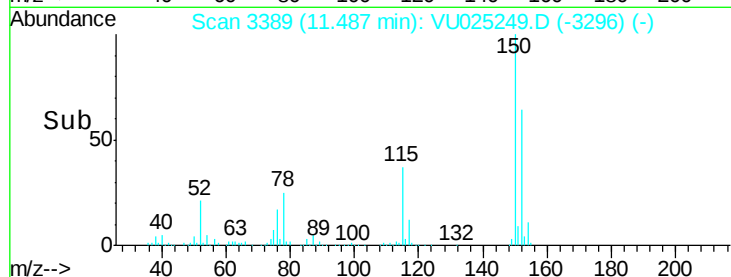
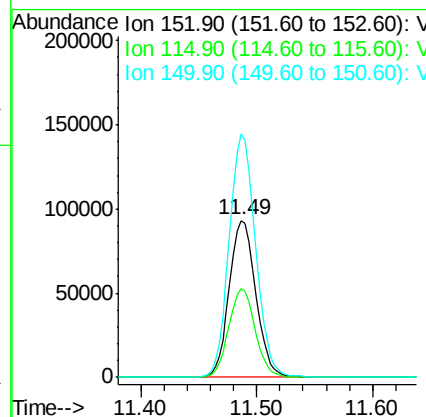
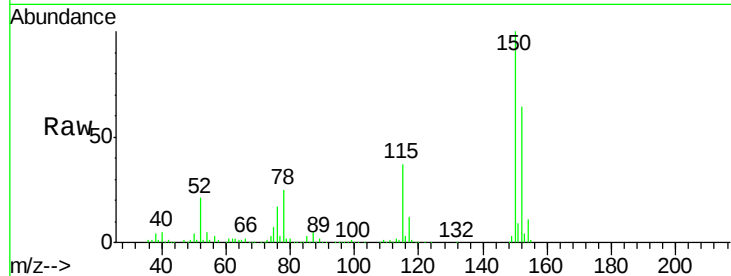
ClientSampleId :

DUP-0473-180628

Tot Ion:	152	Resp:	147911
Ion Ratio	Lower	Upper	
152	100		
115	56.2	43.0	129.0
150	153.9	0.0	354.0

Manual Integrations
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#73

Isopropylbenzene

Concen: 1.110 ug/l

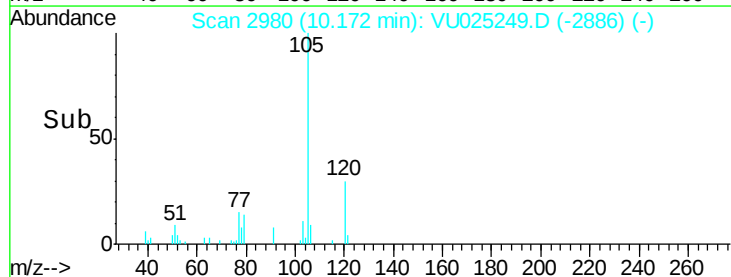
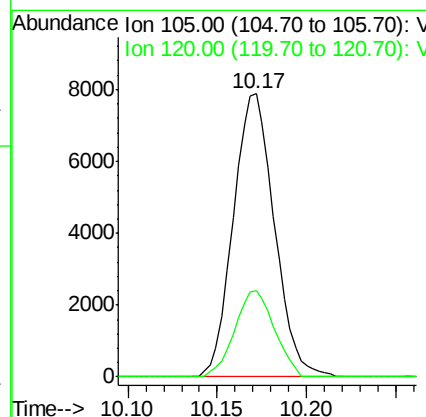
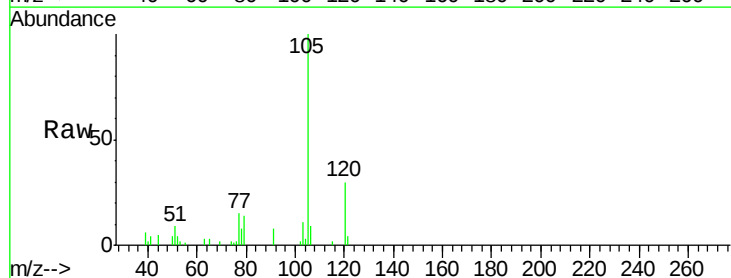
RT: 10.17 min Scan# 2980

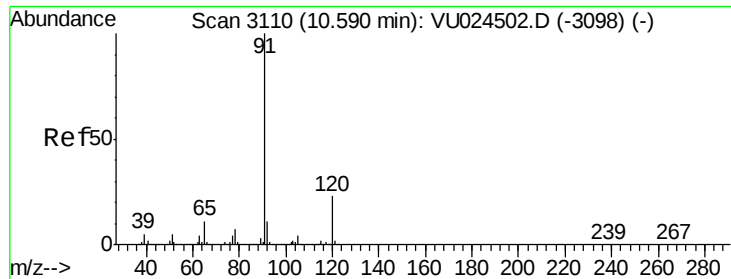
Delta R.T. 0.00 min

Lab File: VU025249.D

Acq: 06 Jul 2018 18:53

Tgt Ion:	105	Resp:	12610
Ion Ratio	Lower	Upper	
105	100		
120	29.3	13.2	39.6





#78

n-propylbenzene

Concen: 1.479 ug/l

RT: 10.59 min Scan# 3111

Delta R.T. 0.00 min

Lab File: VU025249.D

Acq: 06 Jul 2018 18:53

Instrument :

MSVOA_U

ClientSampleId :

DUP-0473-180628

Tot Ion: 91 Resp: 19791

Ion Ratio Lower Upper

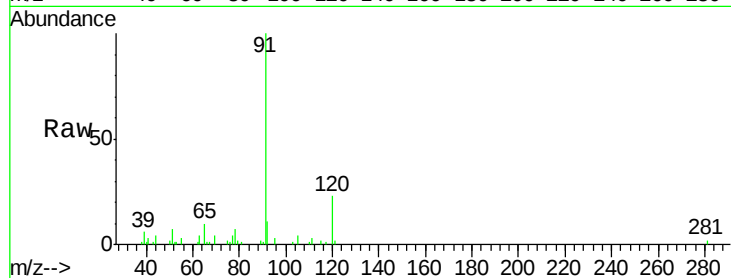
91 100

120 23.2 11.2 33.5

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Abundance Ion 91.00 (90.70 to 91.70): VU024502.D (-3098) (-)

Ion 120.00 (119.70 to 120.70): VU024502.D (-3098) (-)

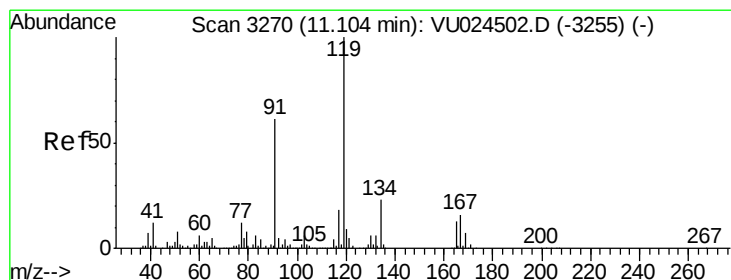
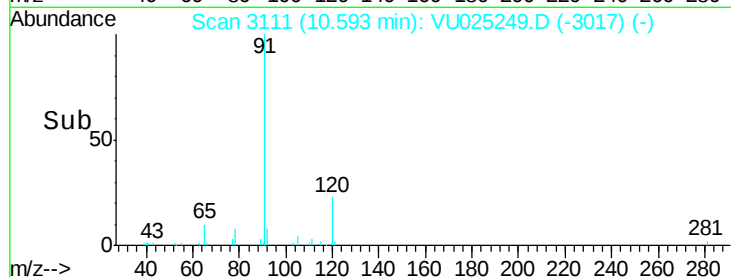
10.59

10000

5000

0

Time-->



#83

tert-Butylbenzene

Concen: 5.974 ug/l

RT: 11.10 min Scan# 3270

Delta R.T. -0.00 min

Lab File: VU025249.D

Acq: 06 Jul 2018 18:53

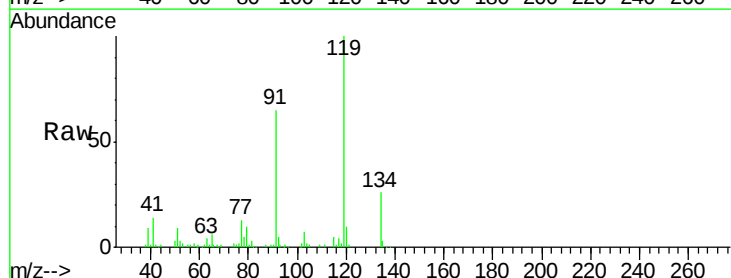
Tgt Ion: 119 Resp: 56563

Ion Ratio Lower Upper

119 100

91 67.8 29.7 89.1

134 24.2 11.6 34.7



Abundance Ion 119.00 (118.70 to 119.70): VU024502.D (-3255) (-)

Ion 91.00 (90.70 to 91.70): VU024502.D (-3255) (-)

Ion 134.00 (133.70 to 134.70): VU024502.D (-3255) (-)

11.10

50000

40000

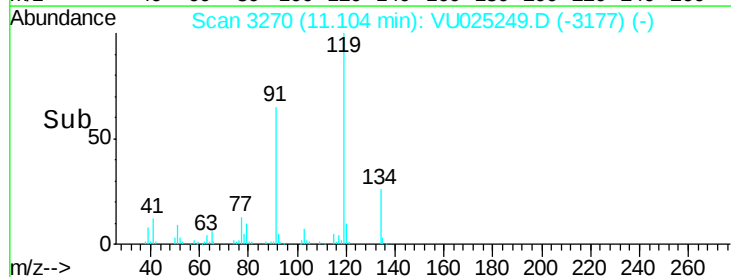
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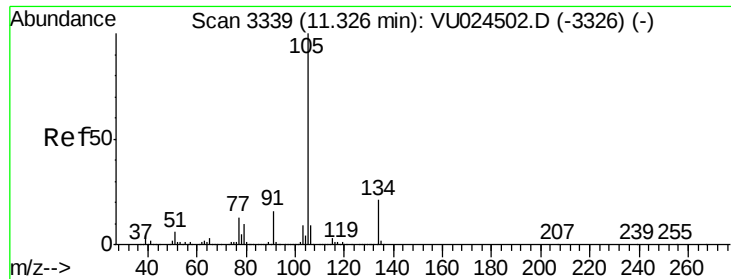
20000

10000

0

Time-->





#85

sec-Butylbenzene

Concen: 7.476 ug/l

RT: 11.33 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VU025249.D

Acq: 06 Jul 2018 18:53

Instrument :

MSVOA_U

ClientSampleId :

DUP-0473-180628

Tot Ion: 105 Resp: 88596

Ion Ratio Lower Upper

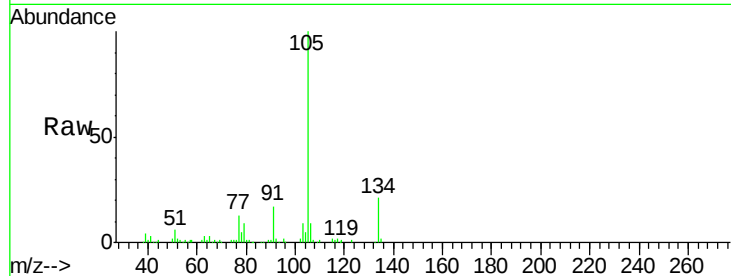
105 100

134 17.7 9.7 29.1

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APPROVED

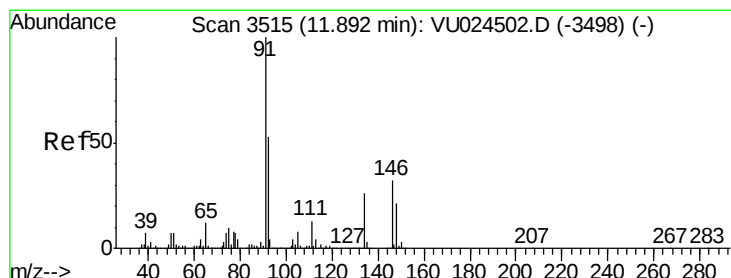
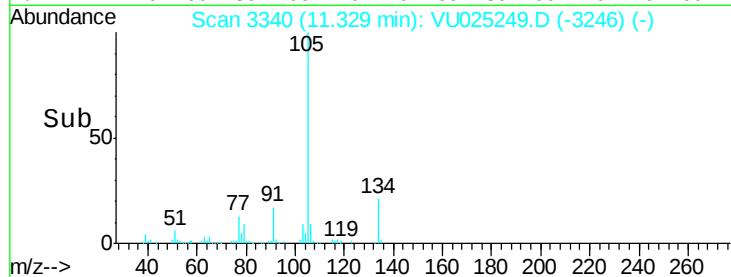
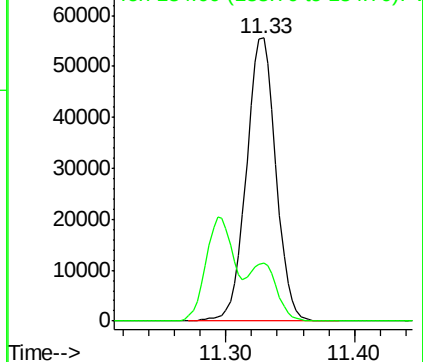
MMDadoda

7/9/2018 12:58:00 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#89

n-Butylbenzene

Concen: 0.914 ug/l m

RT: 11.90 min Scan# 3516

Delta R.T. 0.00 min

Lab File: VU025249.D

Acq: 06 Jul 2018 18:53

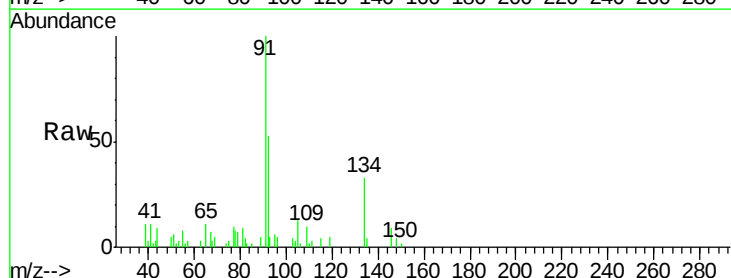
Tgt Ion: 91 Resp: 8610

Ion Ratio Lower Upper

91 100

92 52.7 25.6 76.8

134 23.5 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

