

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU071118\
 Data File : VU025324.D
 Acq On : 11 Jul 2018 19:07
 Operator : MD/SY
 Sample : J3922-10
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ST008MW037-180709

Manual Integrations
 APPROVED

MMDadoda
 7/12/2018 11:04:19 AM

Quant Time: Jul 12 08:30:41 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070918W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 10 09:34:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	194557	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	293836	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	274551	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	154214	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	150831	49.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.80%	
35) Dibromofluoromethane	4.89	113	116744	47.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.20%	
50) Toluene-d8	7.57	98	429081	50.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.10%	
62) 4-Bromofluorobenzene	10.31	95	160448	46.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.90%	
Target Compounds						
39) Methylcyclohexane	6.42	83	14944	3.67	ug/l	87
65) Chlorobenzene	9.12	112	142629	20.80	ug/l	99
73) Isopropylbenzene	10.17	105	147075	12.48	ug/l	99
78) n-propylbenzene	10.59	91	46357	3.55	ug/l	97
83) tert-Butylbenzene	11.10	119	100488	10.03	ug/l	92
85) sec-Butylbenzene	11.33	105	422087	35.78	ug/l	96
87) 1,3-Dichlorobenzene	11.42	146	8953	1.63	ug/l	93
88) 1,4-Dichlorobenzene	11.51	146	23157	5.66	ug/l	92
89) n-Butylbenzene	11.89	91	14849m	1.73	ug/l	

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

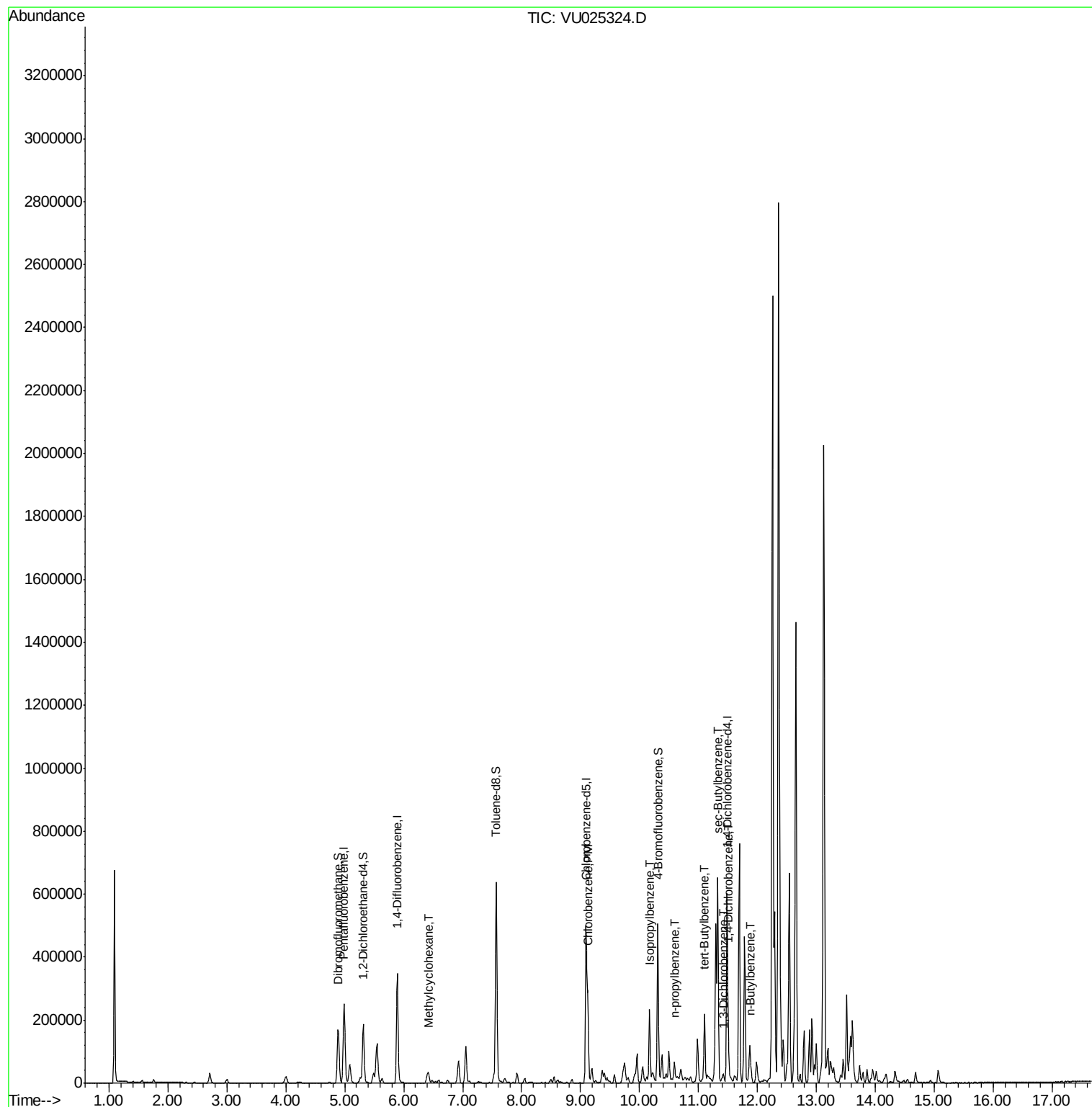
Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU071118\
Data File : VU025324.D
Acq On : 11 Jul 2018 19:07
Operator : MD/SY
Sample : J3922-10
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 20 Sample Multiplier: 1

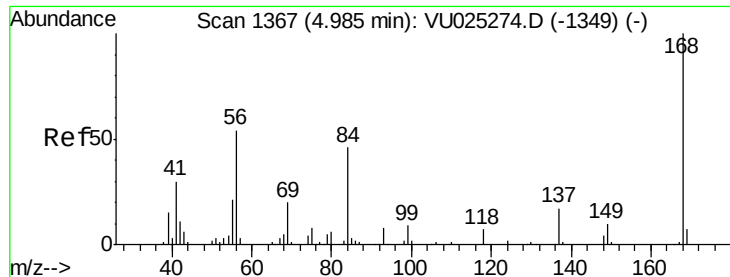
Instrument :
MSVOA_U
ClientSampleId :
ST008MW037-180709

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Quant Time: Jul 12 08:30:41 2018
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070918W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 10 09:34:16 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: VU025324.D

Acq: 11 Jul 2018 19:07

Instrument :

MSVOA_U

ClientSampleId :

ST008MW037-180709

Tot Ion:168 Resp: 194557

Ion Ratio Lower Upper

168 100

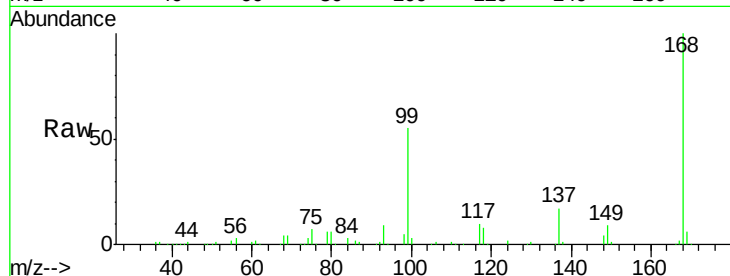
99 55.1 42.8 64.2

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Abundance Ion 167.90 (167.60 to 168.60): VU025274.D (-1349) (-)

Ion 98.90 (98.60 to 99.60): VU025274.D (-1349) (-)

4.99

80000

60000

40000

20000

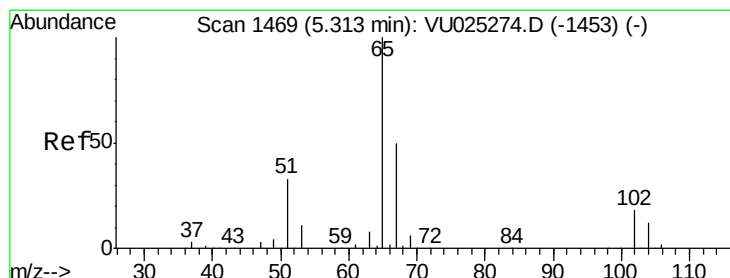
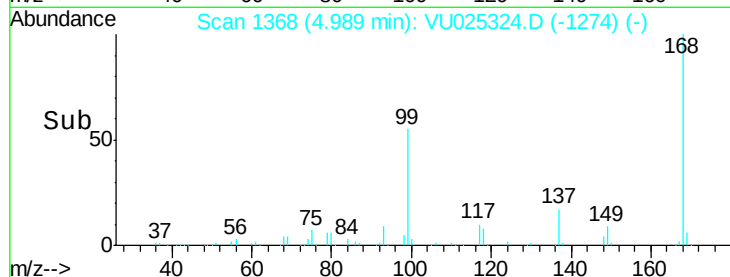
0

Time-->

4.90

5.00

5.10



#33

1,2-Dichloroethane-d4

Concen: 49.90 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU025324.D

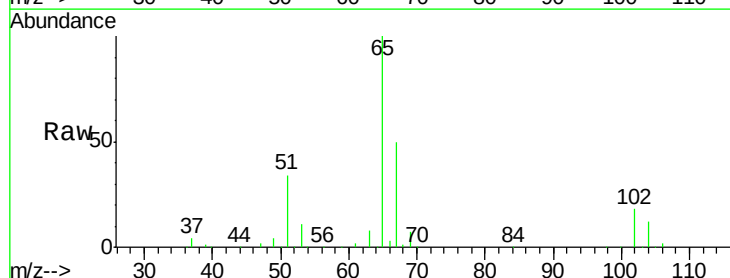
Acq: 11 Jul 2018 19:07

Tgt Ion: 65 Resp: 150831

Ion Ratio Lower Upper

65 100

67 51.8 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VU025274.D (-1453) (-)

Ion 66.90 (66.60 to 67.60): VU025274.D (-1453) (-)

5.31

80000

60000

40000

20000

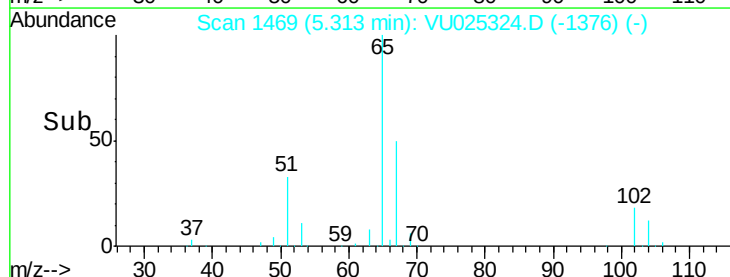
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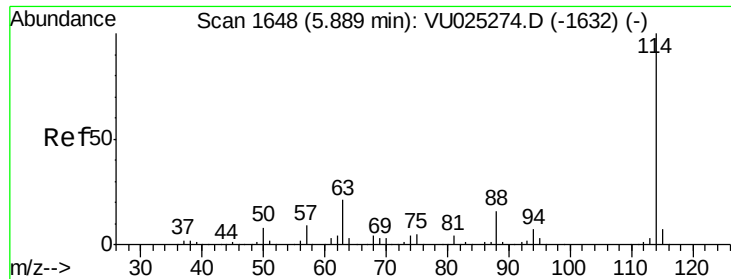
Time-->

5.20

5.30

5.40





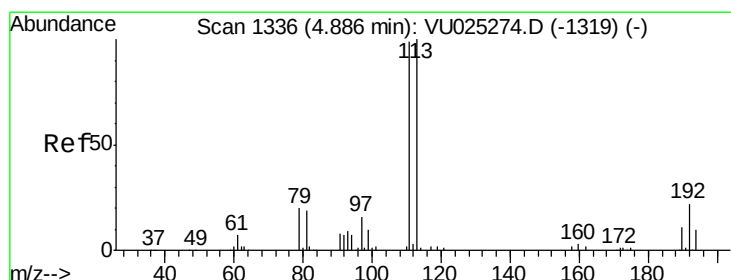
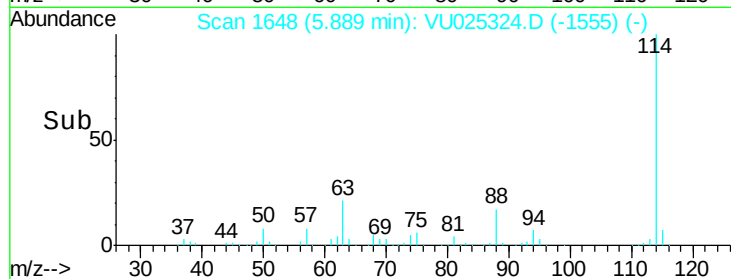
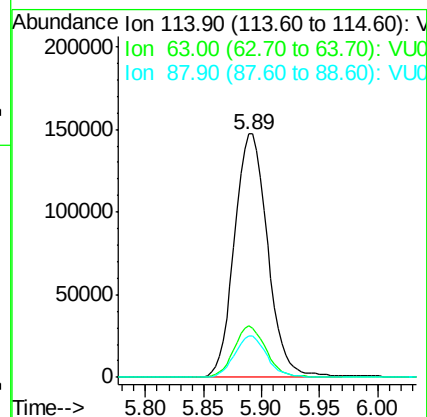
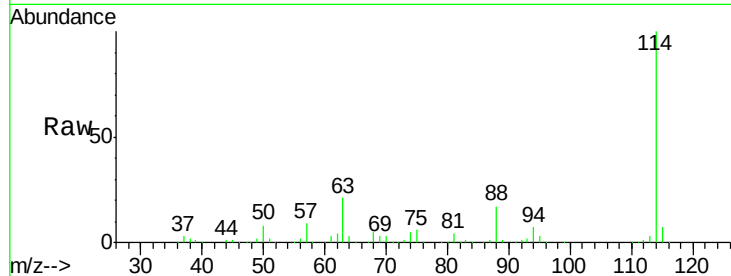
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 5.89 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VU025324.D
Acq: 11 Jul 2018 19:07

Instrument :
MSVOA_U
ClientSampleId :
ST008MW037-180709

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	21.1	0.0	41.6
88	17.1	0.0	32.4

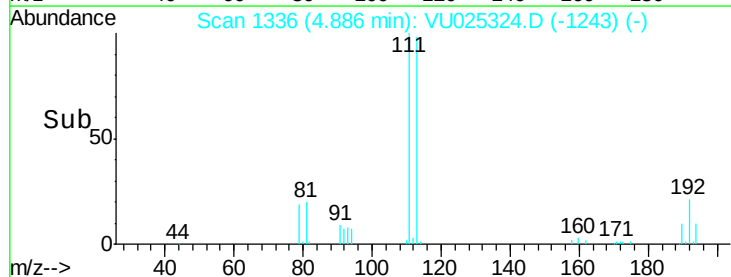
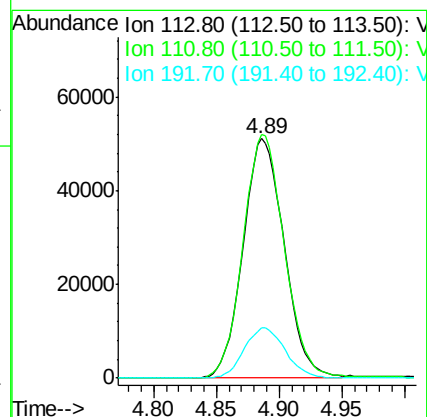
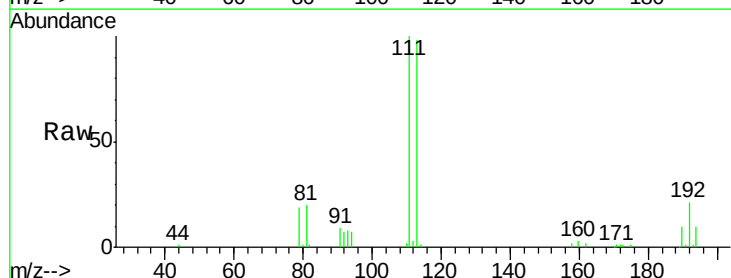
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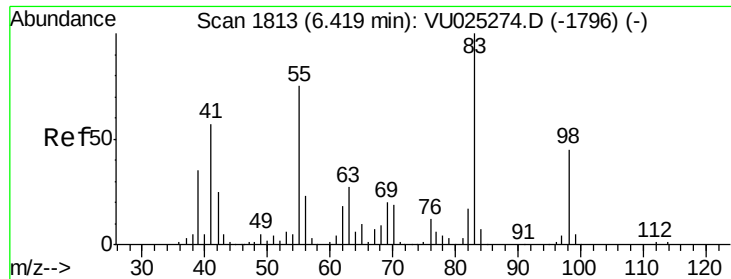
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#35
Dibromofluoromethane
Concen: 47.10 ug/l
RT: 4.89 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VU025324.D
Acq: 11 Jul 2018 19:07

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	101.9	81.7	122.5
192	20.9	17.1	25.7





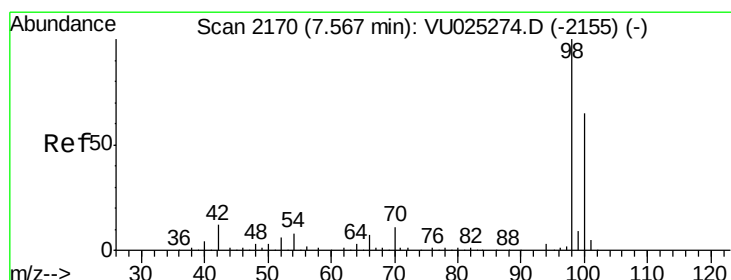
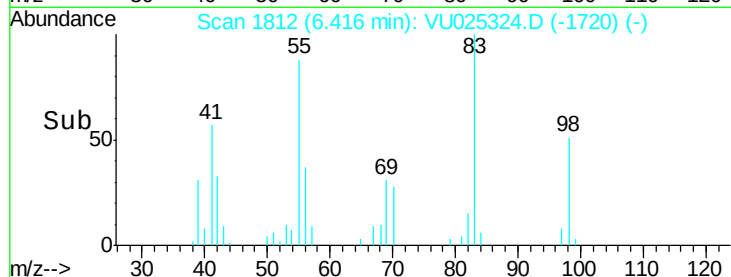
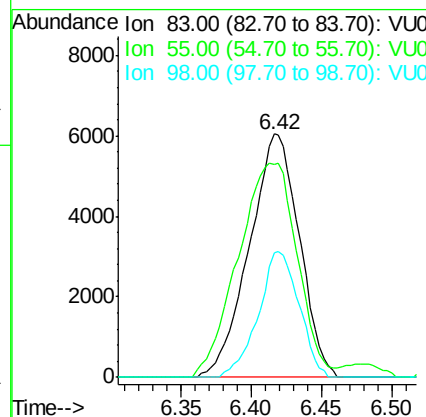
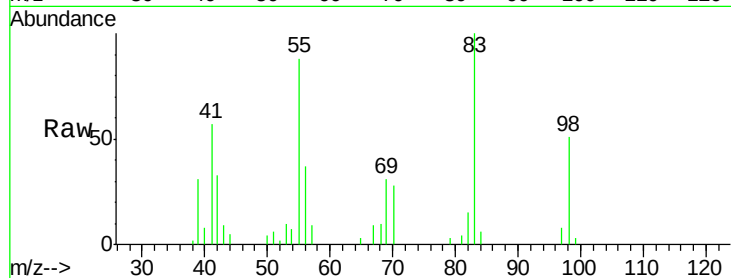
#39
Methylcyclohexane
Concen: 3.67 ug/l
RT: 6.42 min Scan# 1812
Delta R.T. -0.00 min
Lab File: VU025324.D
Acq: 11 Jul 2018 19:07

Instrument :
MSVOA_U
ClientSampleId :
ST008MW037-180709

Tot Ion	83	Resp	14944
Ion Ratio	100	Lower	Upper
83	100		
55	87.6	60.0	90.0
98	51.2	36.1	54.1

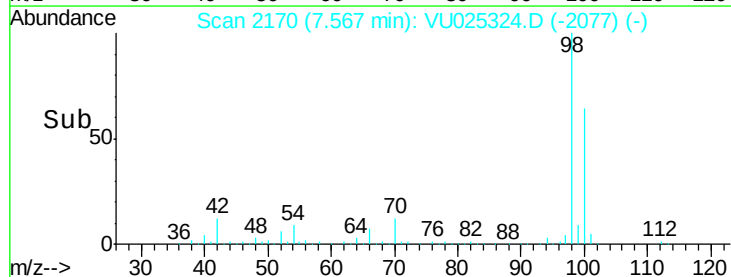
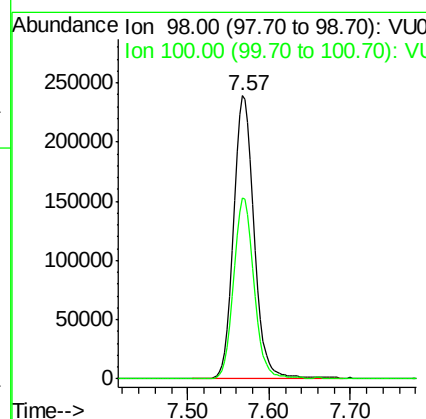
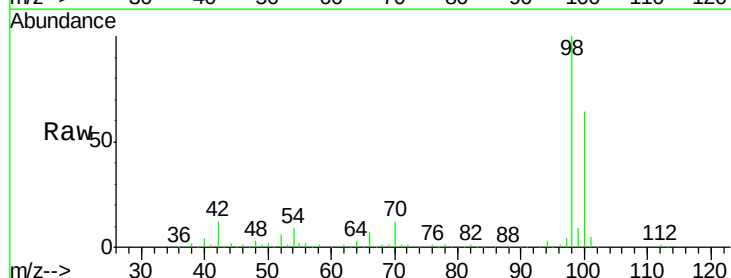
Manual Integrations
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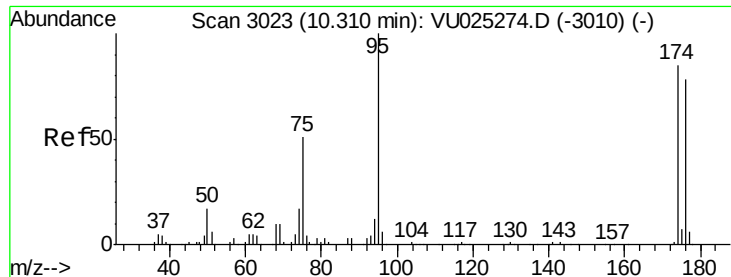
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#50
Toluene-d8
Concen: 50.55 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. 0.00 min
Lab File: VU025324.D
Acq: 11 Jul 2018 19:07

Tgt Ion	98	Resp	429081
Ion Ratio	100	Lower	Upper
98	100		
100	63.1	51.1	76.7





#62

4-Bromofluorobenzene

Concen: 46.95 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025324.D

Acq: 11 Jul 2018 19:07

Instrument :

MSVOA_U

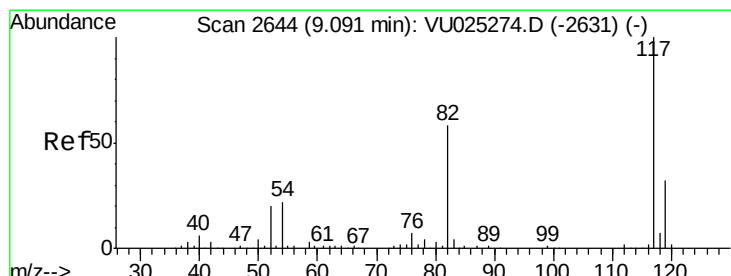
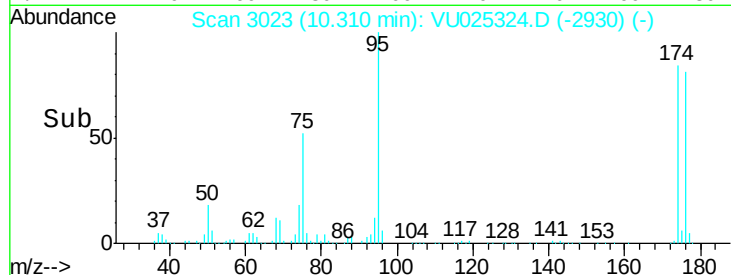
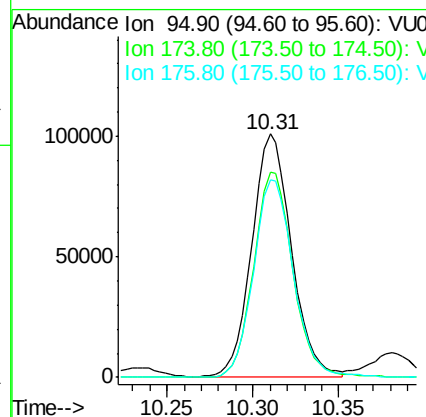
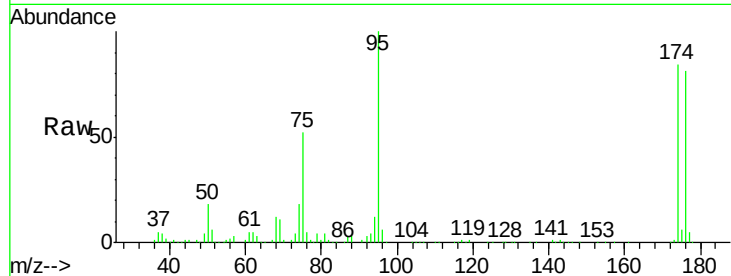
ClientSampleId :

ST008MW037-180709

Tot Ion:	95	Resp:	160448
Ion Ratio	Lower	Upper	
95	100		
174	84.3	0.0	172.2
176	82.7	0.0	162.6

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#63

Chlorobenzene-d5

Concen: 50.00 ug/l

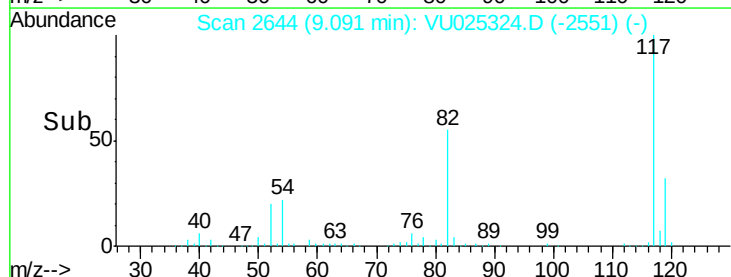
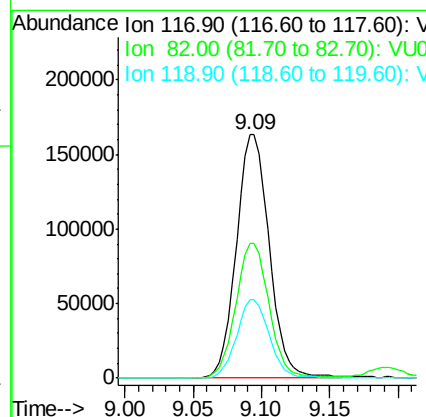
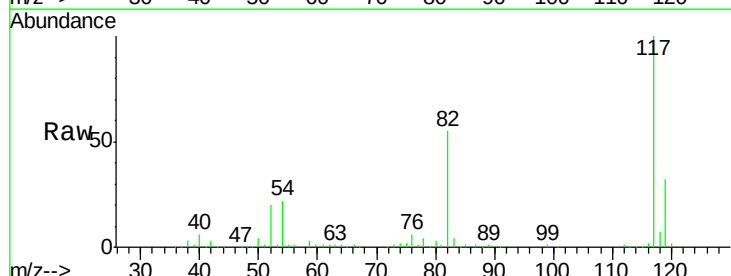
RT: 9.09 min Scan# 2644

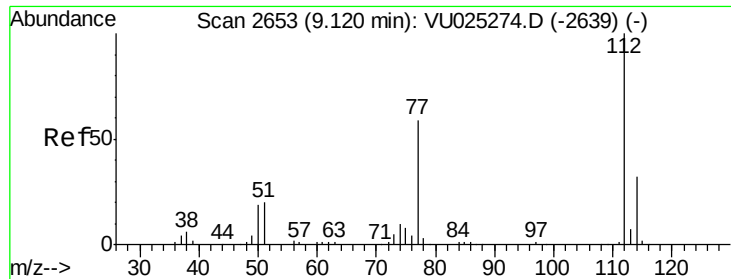
Delta R.T. 0.00 min

Lab File: VU025324.D

Acq: 11 Jul 2018 19:07

Tgt Ion:	117	Resp:	274551
Ion Ratio	Lower	Upper	
117	100		
82	55.4	46.0	69.0
119	32.0	26.0	39.0





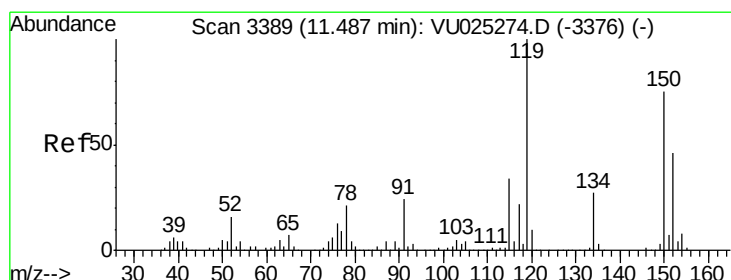
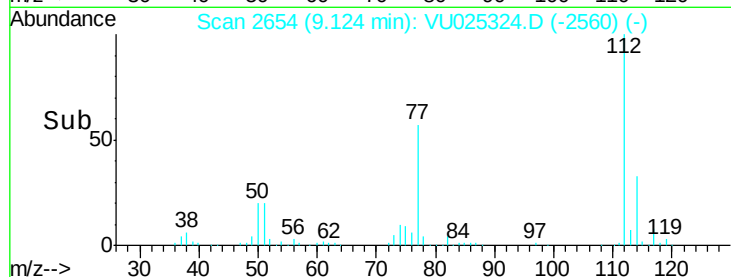
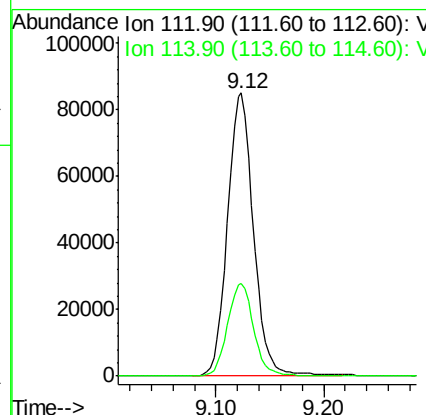
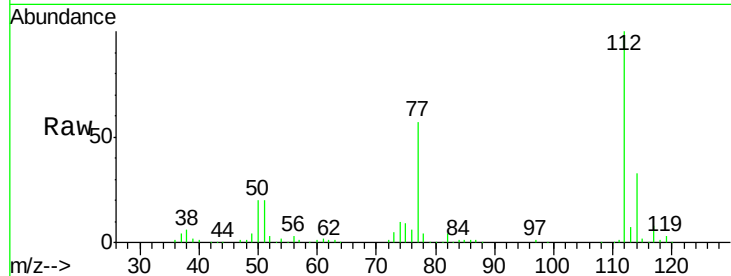
#65
Chlorobenzene
Concen: 20.80 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU025324.D
Acq: 11 Jul 2018 19:07

Instrument :
MSVOA_U
ClientSampleId :
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Tot Ion:112 Resp: 142629
Ion Ratio Lower Upper
112 100
114 32.9 25.8 38.8

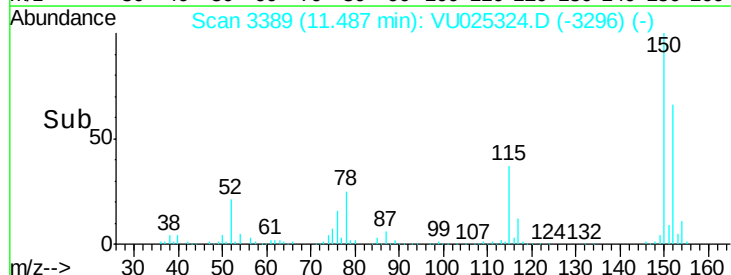
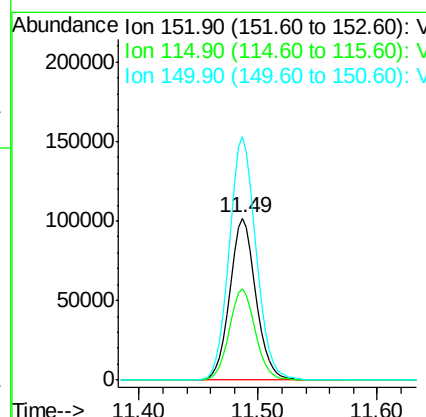
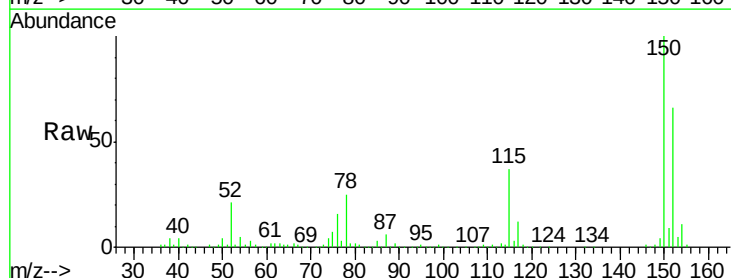
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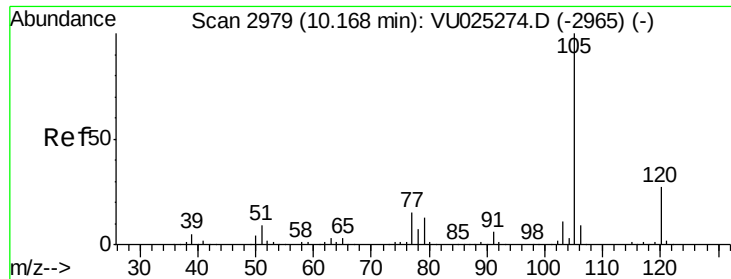
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU025324.D
Acq: 11 Jul 2018 19:07

Tgt Ion:152 Resp: 154214
Ion Ratio Lower Upper
152 100
115 56.7 40.1 120.3
150 155.4 0.0 351.4





#73

Isopropylbenzene

Concen: 12.48 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU025324.D

Acq: 11 Jul 2018 19:07

Instrument :

MSVOA_U

ClientSampleId :

ST008MW037-180709

Tot Ion: 105 Resp: 147075

Ion Ratio Lower Upper

105 100

120 27.3

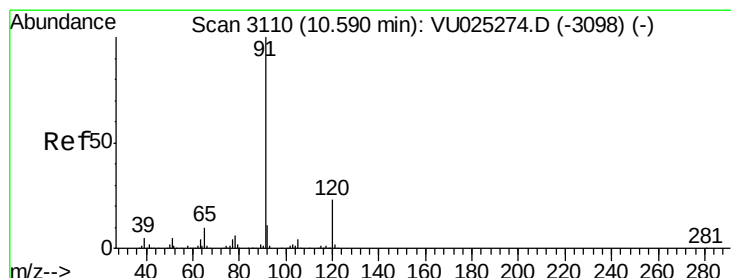
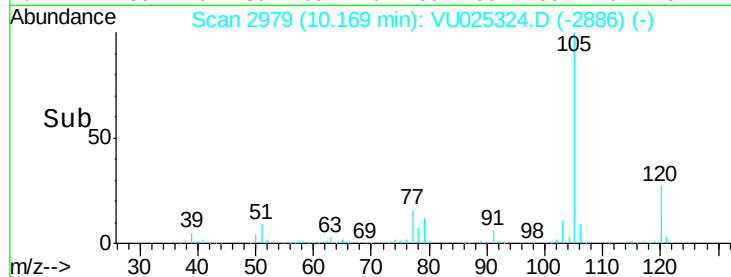
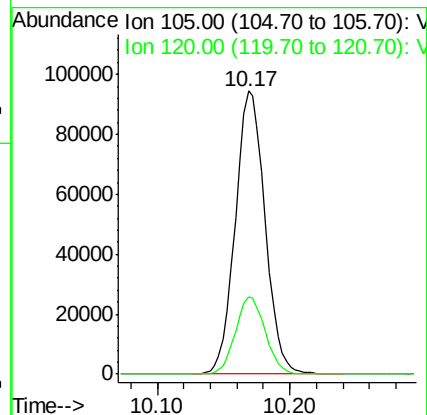
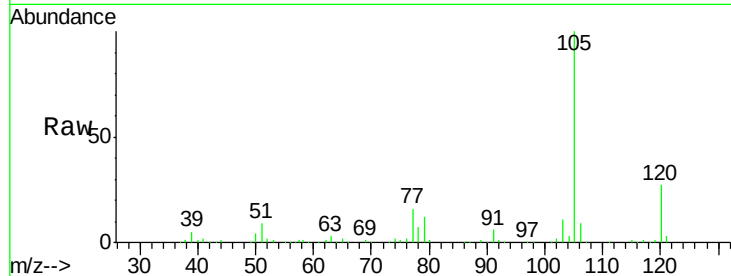
13.5 40.5

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#78

n-propylbenzene

Concen: 3.55 ug/l

RT: 10.59 min Scan# 3111

Delta R.T. 0.00 min

Lab File: VU025324.D

Acq: 11 Jul 2018 19:07

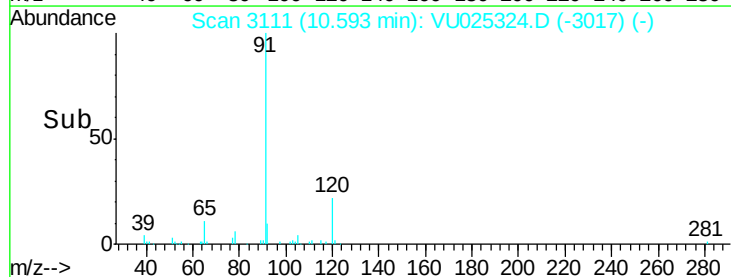
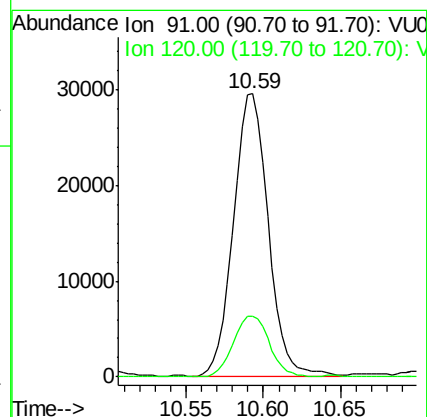
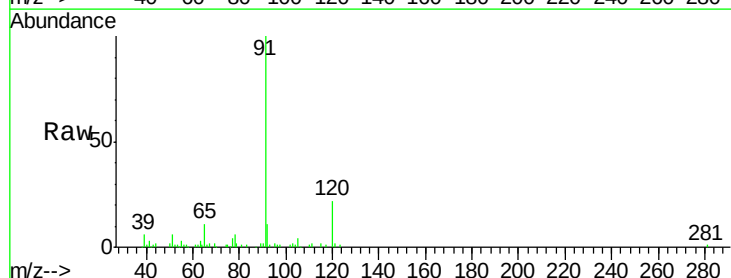
Tgt Ion: 91 Resp: 46357

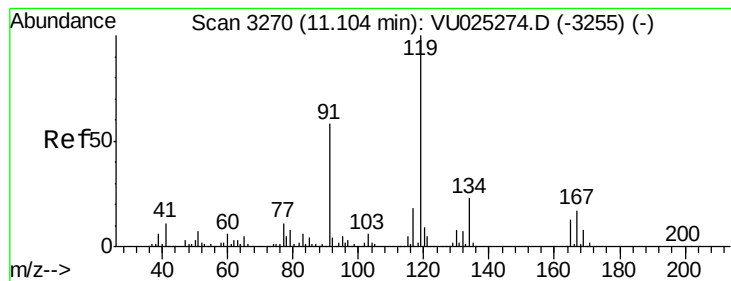
Ion Ratio Lower Upper

91 100

120 22.2

11.8 35.3





#83

tert-Butylbenzene

Concen: 10.03 ug/l

RT: 11.10 min Scan# 3270

Delta R.T. 0.00 min

Lab File: VU025324.D

Acq: 11 Jul 2018 19:07

Instrument :

MSVOA_U

ClientSampleId :

ST008MW037-180709

Tot Ion:119 Resp: 100488

Ion Ratio Lower Upper

119 100

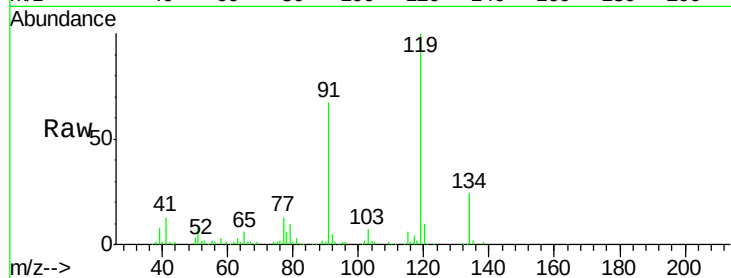
91 67.6 29.7 89.1

134 23.8 11.5 34.5

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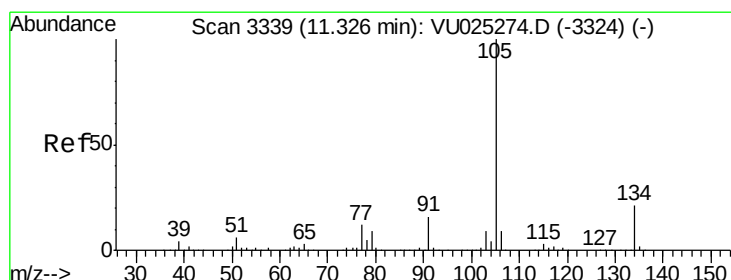
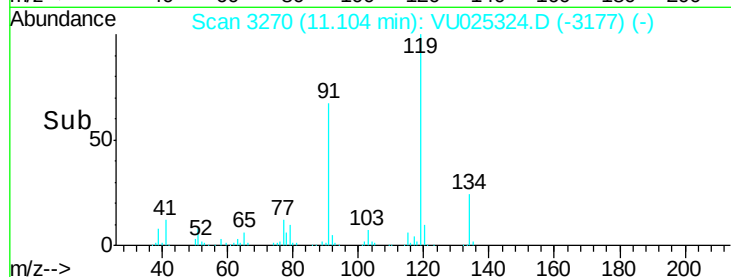
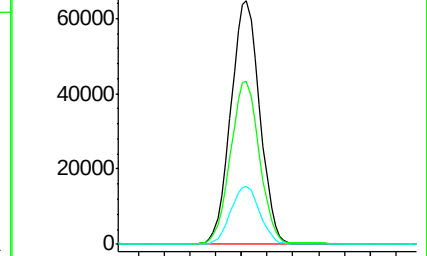
7/12/2018 11:04:19 AM



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#85

sec-Butylbenzene

Concen: 35.78 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VU025324.D

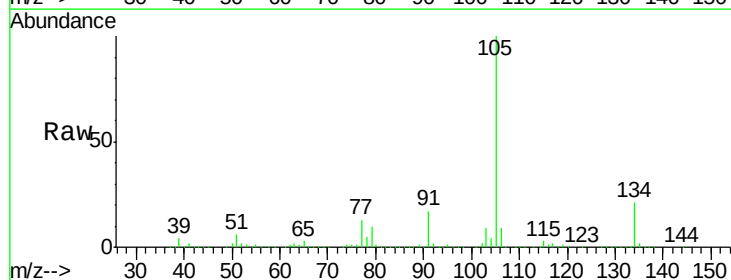
Acq: 11 Jul 2018 19:07

Tgt Ion:105 Resp: 422087

Ion Ratio Lower Upper

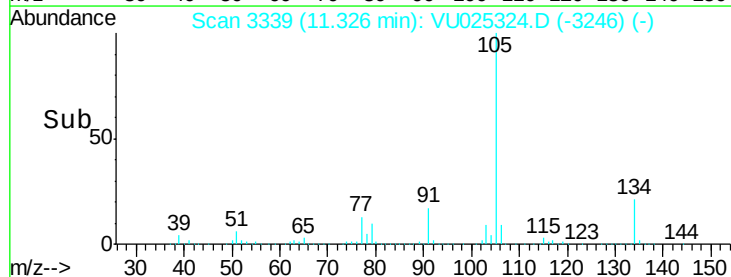
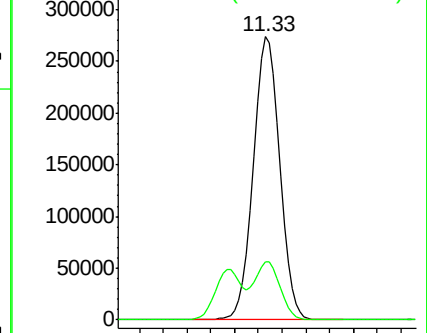
105 100

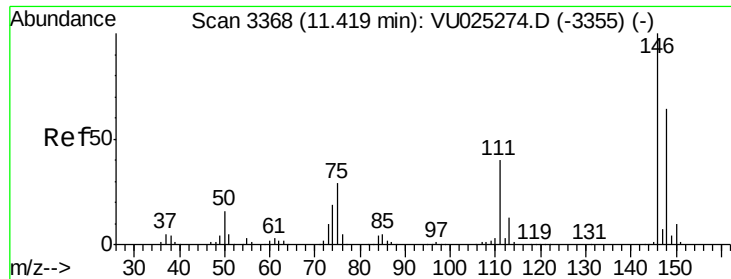
134 18.6 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





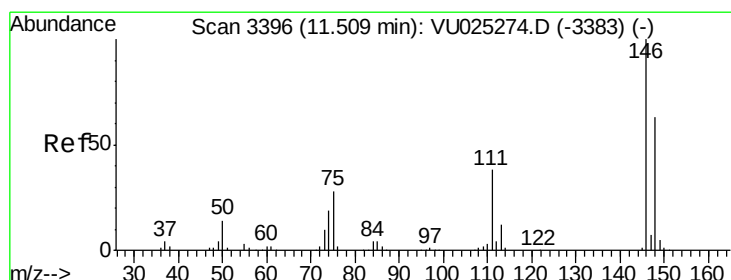
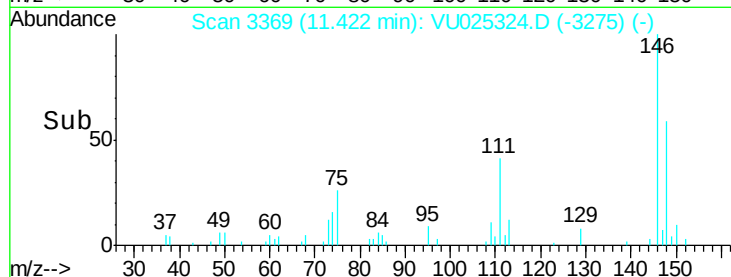
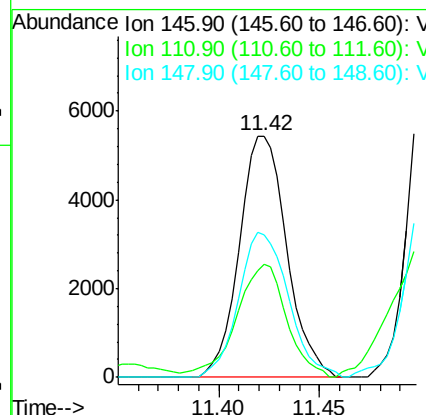
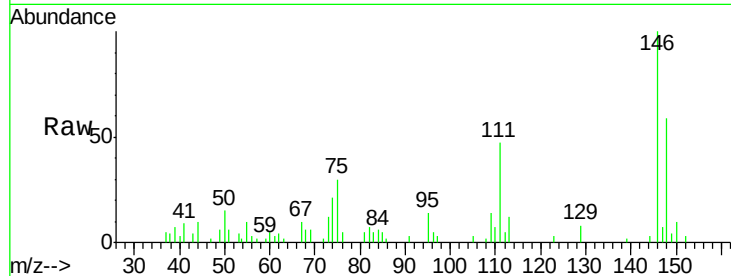
#87
 1,3-Dichlorobenzene
 Concen: 1.63 ug/l
 RT: 11.42 min Scan# 3369
 Delta R.T. 0.00 min
 Lab File: VU025324.D
 Acq: 11 Jul 2018 19:07

Instrument :
 MSVOA_U
 ClientSampleId :
 ST008MW037-180709

Tot Ion	Ratio	Lower	Upper
146	100		
111	49.6	19.7	59.1
148	63.0	32.1	96.3

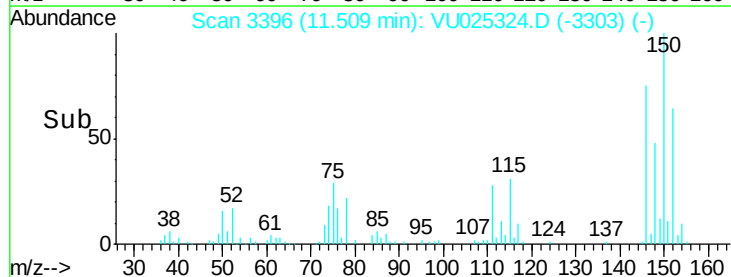
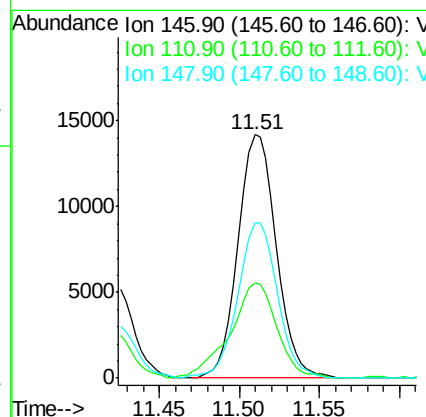
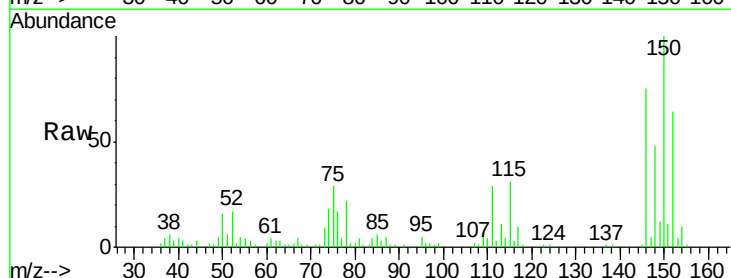
Manual Integrations
 APPROVED

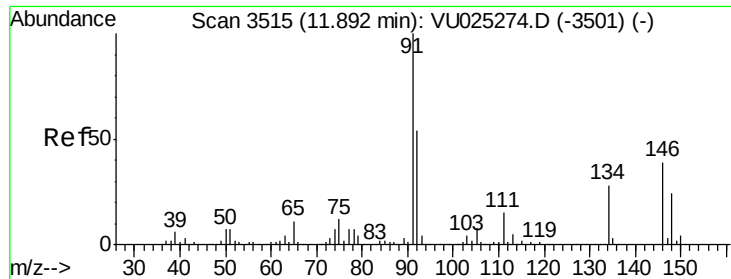
MMDadoda
 7/12/2018 11:04:19 AM



#88
 1,4-Dichlorobenzene
 Concen: 5.66 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU025324.D
 Acq: 11 Jul 2018 19:07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	47.9	19.4	58.1
148	66.1	31.7	95.1





#89
 n-Butylbenzene
 Concen: 1.73 ug/l m
 RT: 11.89 min Scan# 3515
 Delta R.T. 0.00 min
 Lab File: VU025324.D
 Acq: 11 Jul 2018 19:07

Instrument :
 MSVOA_U
 ClientSampleId :
 ST008MW037-180709

Tot Ion:	91	Resp:	14849
Ion Ratio	Lower	Upper	
91	100		
92	63.0	26.5	79.5
134	0.0	13.6	40.7#

Manual Integrations
 APPROVED

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 7/12/2018 11:04:19 AM

