

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071018\
 Data File : VU025297.D
 Acq On : 10 Jul 2018 18:31
 Operator : MD/SY
 Sample : J3898-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SS038MW004-180704

Manual Integrations
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 7/11/2018 5:05:54 PM

Quant Time: Jul 11 09:24:37 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	213699	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	318485	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	297984	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	165051	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	162795	49.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.06%	
35) Dibromofluoromethane	4.89	113	125712	46.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.58%	
50) Toluene-d8	7.57	98	469079	50.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.98%	
62) 4-Bromofluorobenzene	10.31	95	173297	46.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
65) Chlorobenzene	9.12	112	208410	28.00	ug/l	100
73) Isopropylbenzene	10.17	105	40620	3.22	ug/l	100
78) n-propylbenzene	10.59	91	6883	0.49	ug/l	94
83) tert-Butylbenzene	11.10	119	88629	8.27	ug/l	90
85) sec-Butylbenzene	11.33	105	239029	18.93	ug/l	96
87) 1,3-Dichlorobenzene	11.43	146	4564	0.77	ug/l	91
88) 1,4-Dichlorobenzene	11.51	146	9948	3.16	ug/l	96
89) n-Butylbenzene	11.89	91	11845m	1.29	ug/l	
91) 1,2-Dichlorobenzene	11.88	146	3089	0.52	ug/l #	69

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

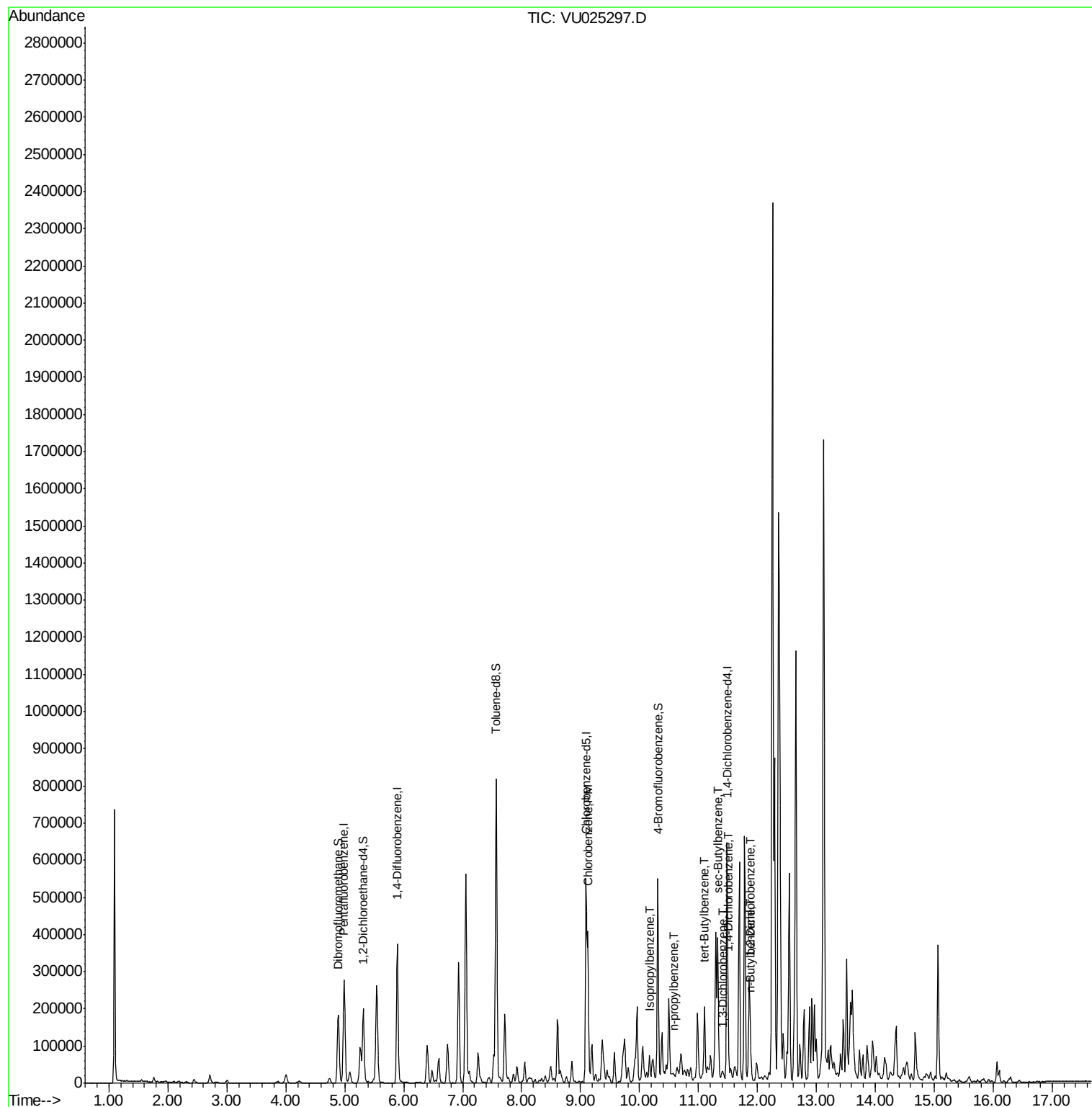
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU071018\
Data File : VU025297.D
Acq On : 10 Jul 2018 18:31
Operator : MD/SY
Sample : J3898-07
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 18 Sample Multiplier: 1

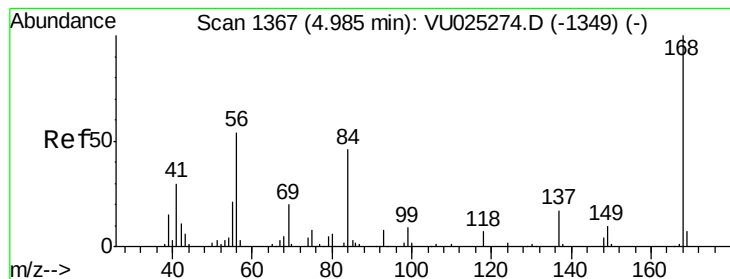
Instrument :
MSVOA_U
ClientSampleId :
SS038MW004-180704

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Quant Time: Jul 11 09:24:37 2018
Quant Method : Z:\V0ASRV\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: VU025297.D

Acq: 10 Jul 2018 18:31

Instrument :

MSVOA_U

ClientSampleId :

SS038MW004-180704

Tot Ion:168 Resp: 213699

Ion Ratio Lower Upper

168 100

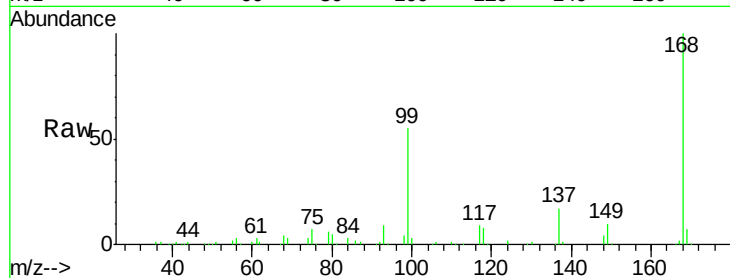
99 54.9 42.8 64.2

Manual Integrations

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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

100000

80000

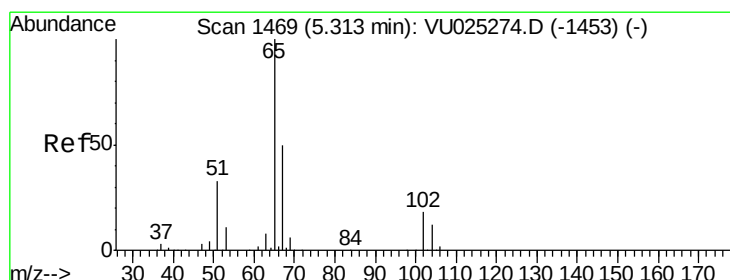
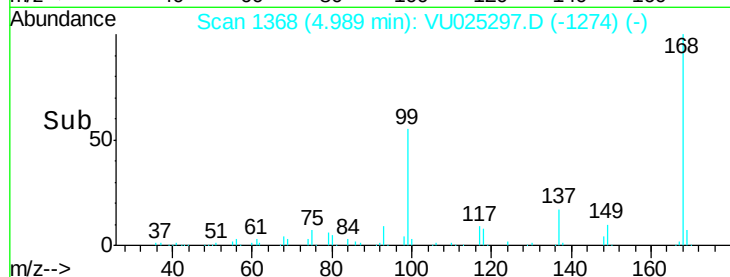
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.03 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU025297.D

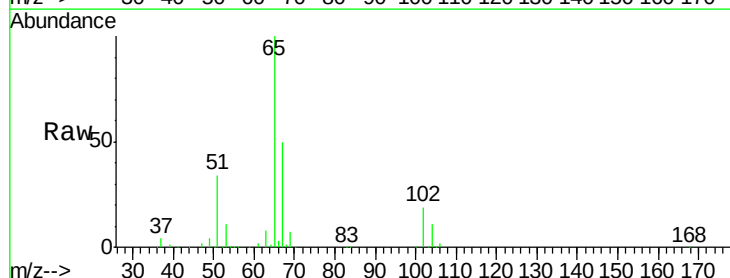
Acq: 10 Jul 2018 18:31

Tgt Ion: 65 Resp: 162795

Ion Ratio Lower Upper

65 100

67 49.6 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

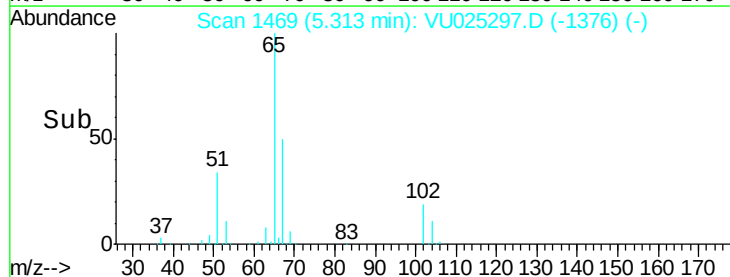
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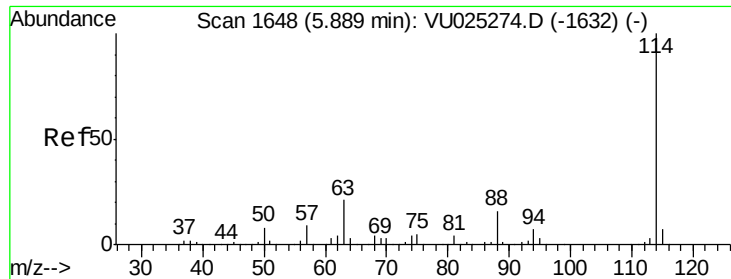
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Time-->





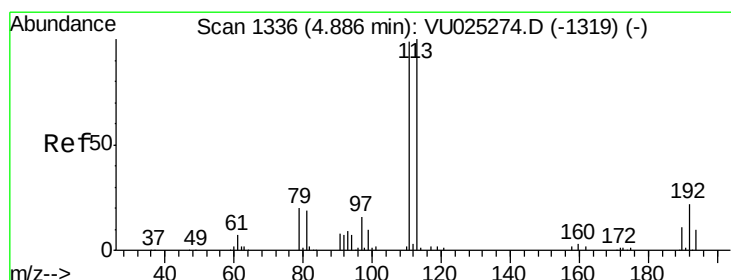
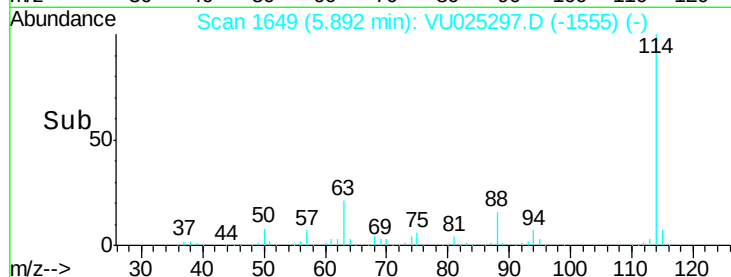
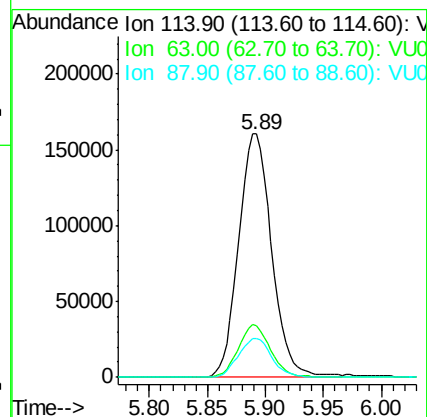
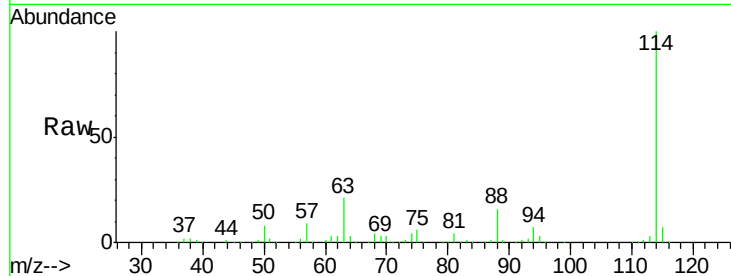
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 5.89 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VU025297.D
Acq: 10 Jul 2018 18:31

Instrument :
MSVOA_U
ClientSampleId :
SS038MW004-180704

Tot Ion	Ratio	Resp Lower	Resp Upper
114	100		
63	21.2	0.0	41.6
88	16.1	0.0	32.4

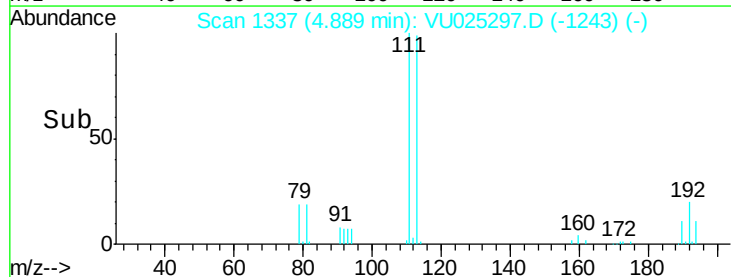
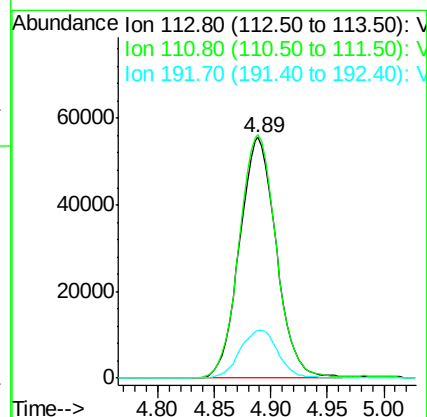
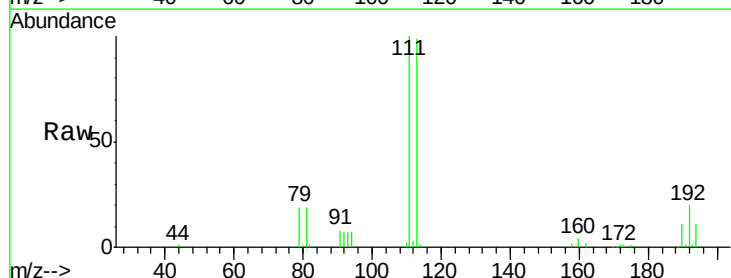
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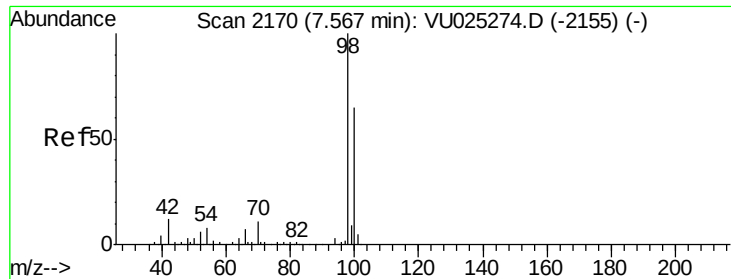
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#35
Dibromofluoromethane
Concen: 46.79 ug/l
RT: 4.89 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VU025297.D
Acq: 10 Jul 2018 18:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
113	100		
111	102.1	81.7	122.5
192	20.6	17.1	25.7





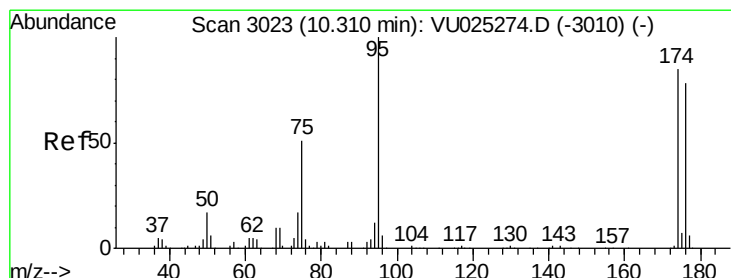
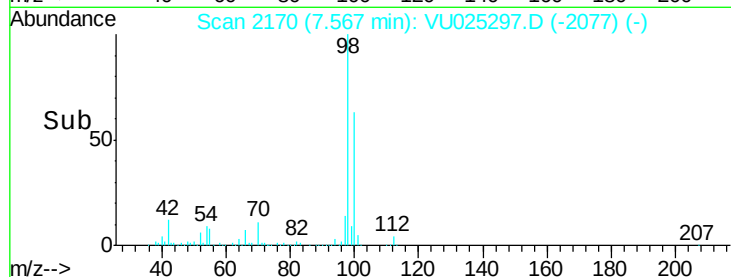
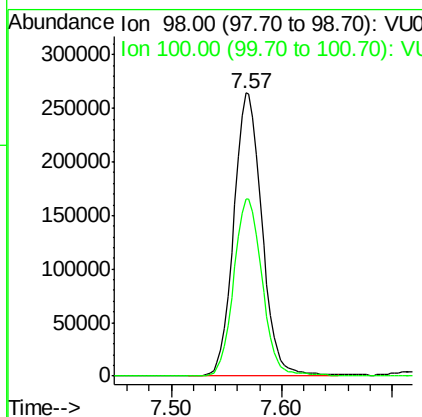
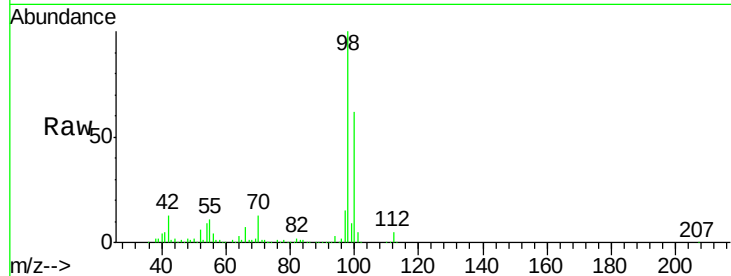
#50
Toluene-d8
Concen: 50.99 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. 0.00 min
Lab File: VU025297.D
Acq: 10 Jul 2018 18:31

Instrument :
MSVOA_U
ClientSampleId :
SS038MW004-180704

Tot Ion: 98 Resp: 469079
Ion Ratio Lower Upper
98 100
100 63.6 51.1 76.7

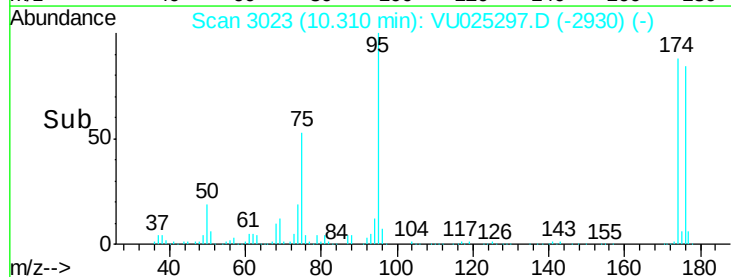
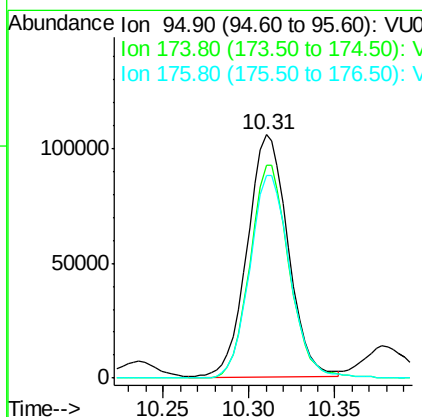
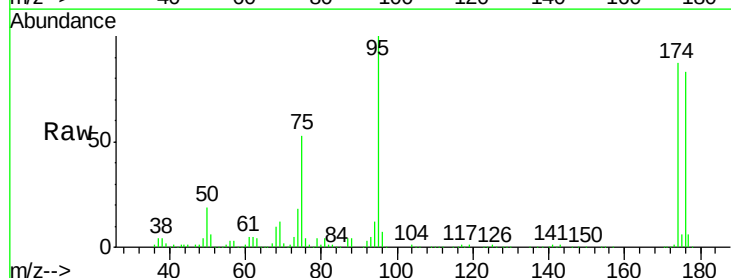
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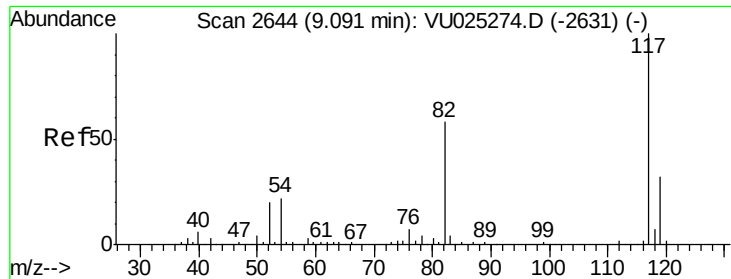
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#62
4-Bromofluorobenzene
Concen: 46.79 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU025297.D
Acq: 10 Jul 2018 18:31

Tgt Ion: 95 Resp: 173297
Ion Ratio Lower Upper
95 100
174 84.7 0.0 172.2
176 82.8 0.0 162.6





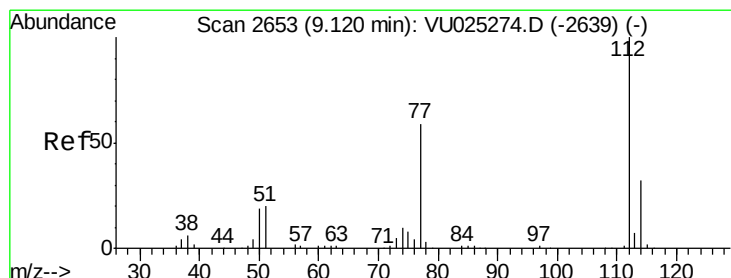
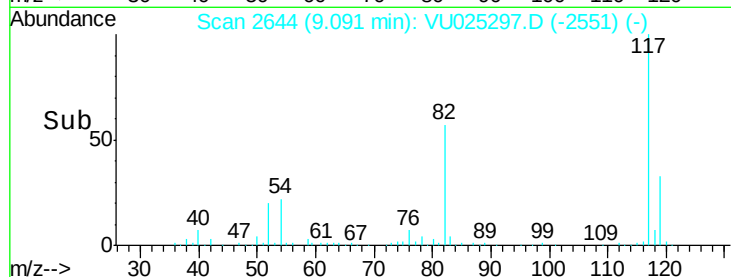
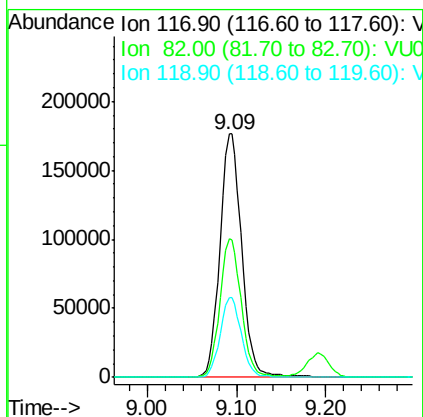
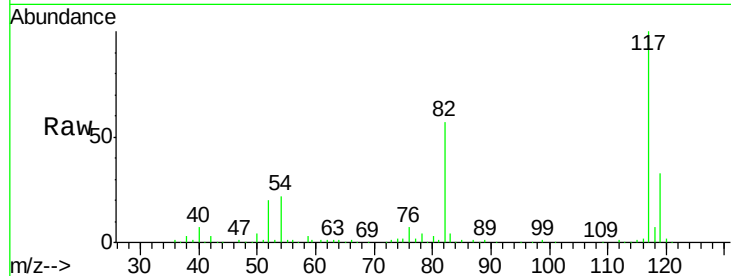
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VU025297.D
Acq: 10 Jul 2018 18:31

Instrument :
MSVOA_U
ClientSampleId :
SS038MW004-180704

Tot Ion	Ratio	Resp	Lower	Upper
117	100	297984		
82	56.6	46.0	69.0	
119	32.5	26.0	39.0	

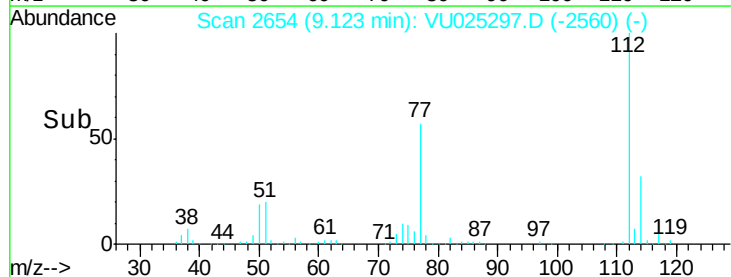
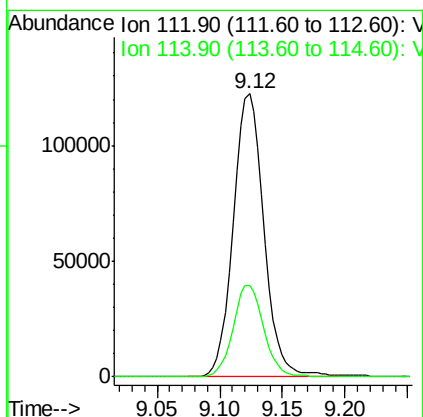
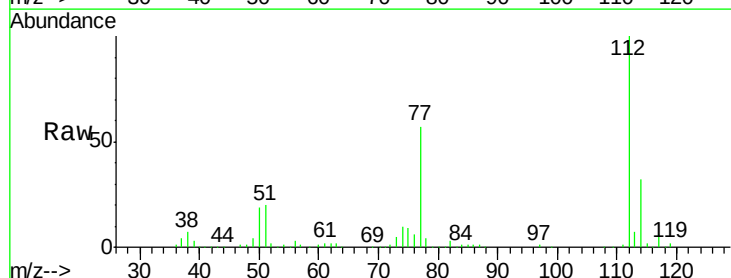
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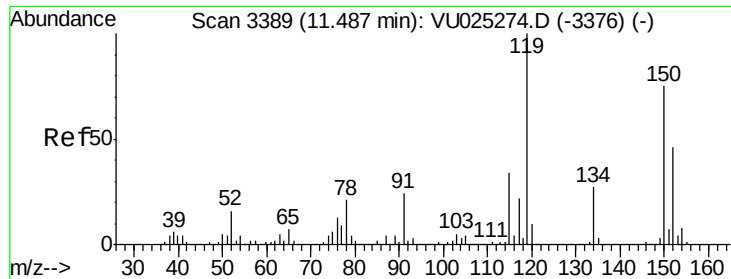
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#65
Chlorobenzene
Concen: 28.00 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU025297.D
Acq: 10 Jul 2018 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	208410		
114	32.5	25.8	38.8	





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025297.D

Acq: 10 Jul 2018 18:31

Instrument :

MSVOA_U

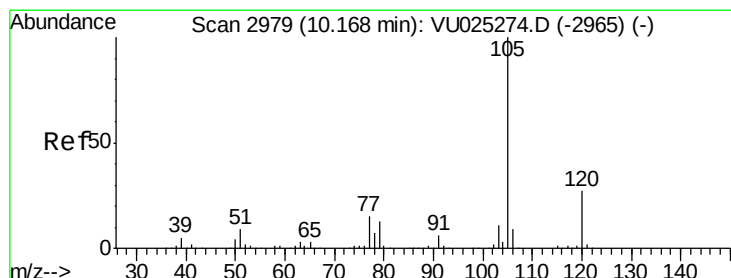
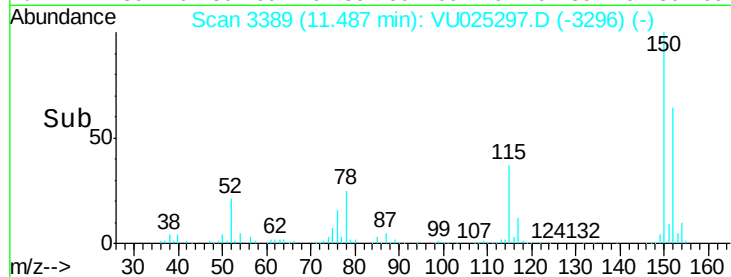
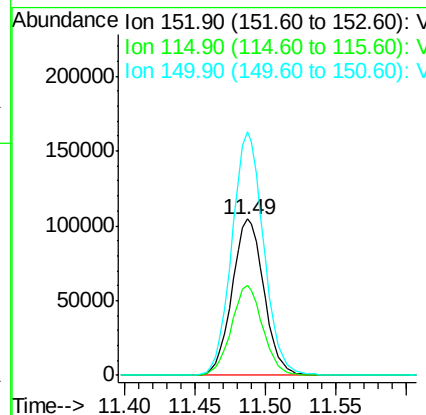
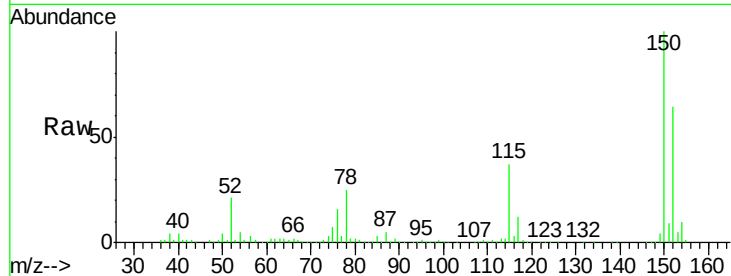
ClientSampleId :

SS038MW004-180704

Tot Ion:	152	Resp:	165051
Ion Ratio	Lower	Upper	
152	100		
115	56.9	40.1	120.3
150	155.3	0.0	351.4

Manual Integrations
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#73

Isopropylbenzene

Concen: 3.22 ug/l

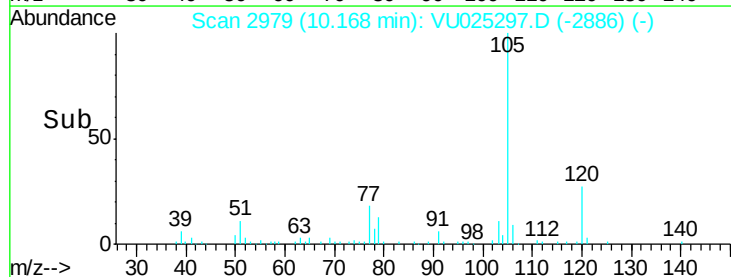
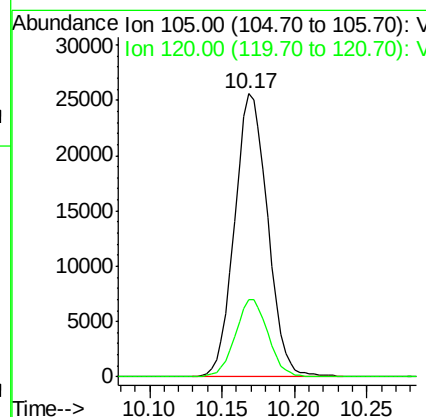
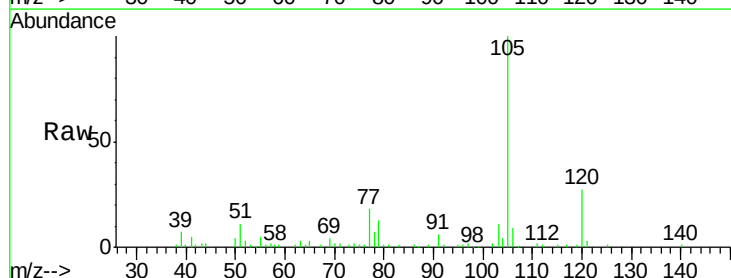
RT: 10.17 min Scan# 2979

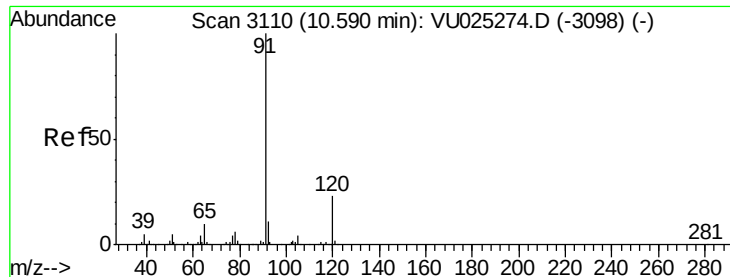
Delta R.T. 0.00 min

Lab File: VU025297.D

Acq: 10 Jul 2018 18:31

Tgt Ion:	105	Resp:	40620
Ion Ratio	Lower	Upper	
105	100		
120	26.9	13.5	40.5





#78

n-propylbenzene

Concen: 0.49 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU025297.D

Acq: 10 Jul 2018 18:31

Instrument :

MSVOA_U

ClientSampleId :

SS038MW004-180704

Tot Ion: 91 Resp: 6883

Ion Ratio Lower Upper

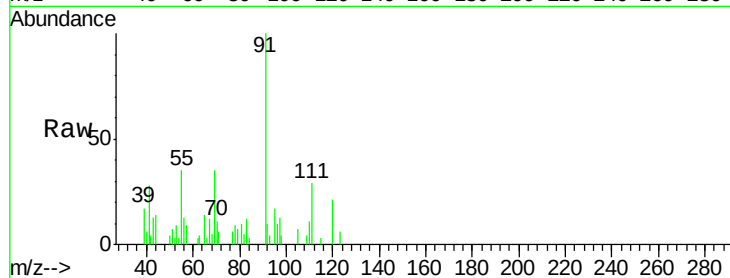
91 100

120 20.6 11.8 35.3

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Abundance Ion 91.00 (90.70 to 91.70): VU025274.D (-3098) (-)

Ion 120.00 (119.70 to 120.70): VU025274.D (-3098) (-)

10.59

4000

3000

2000

1000

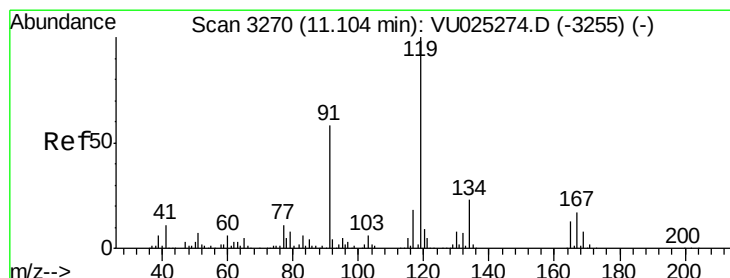
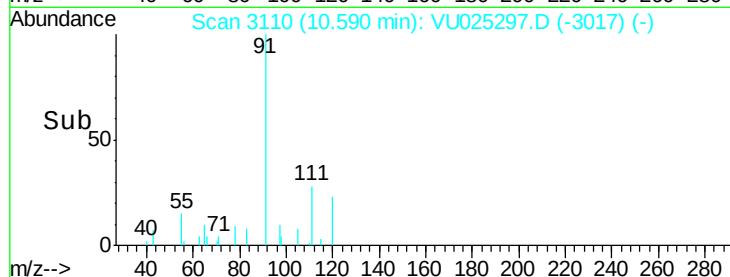
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Time-->

10.55

10.60

10.65



#83

tert-Butylbenzene

Concen: 8.27 ug/l

RT: 11.10 min Scan# 3270

Delta R.T. 0.00 min

Lab File: VU025297.D

Acq: 10 Jul 2018 18:31

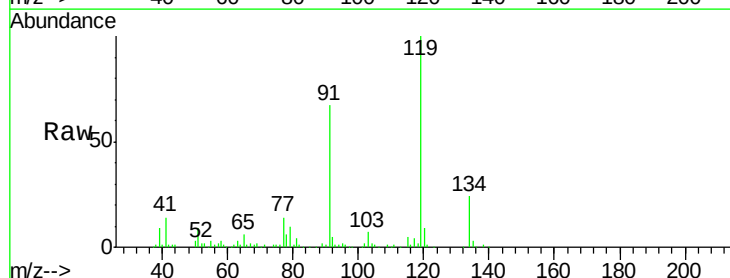
Tgt Ion: 119 Resp: 88629

Ion Ratio Lower Upper

119 100

91 69.0 29.7 89.1

134 24.0 11.5 34.5



Abundance Ion 119.00 (118.70 to 119.70): VU025274.D (-3255) (-)

Ion 91.00 (90.70 to 91.70): VU025274.D (-3255) (-)

Ion 134.00 (133.70 to 134.70): VU025274.D (-3255) (-)

11.10

80000

60000

40000

20000

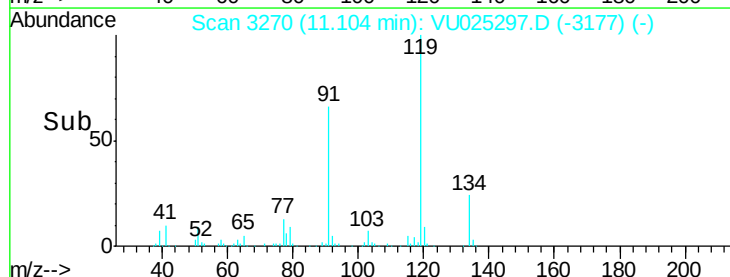
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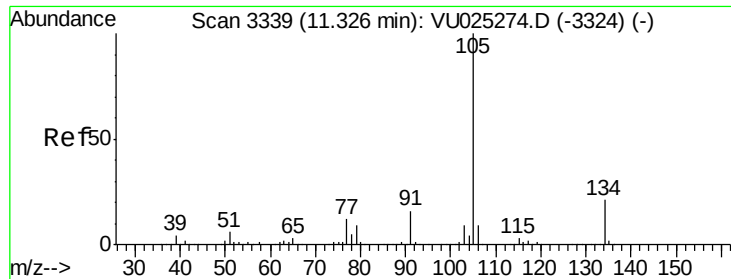
Time-->

11.05

11.10

11.15





#85

sec-Butylbenzene

Concen: 18.93 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VU025297.D

Acq: 10 Jul 2018 18:31

Instrument :

MSVOA_U

ClientSampleId :

SS038MW004-180704

Tot Ion:105 Resp: 239029

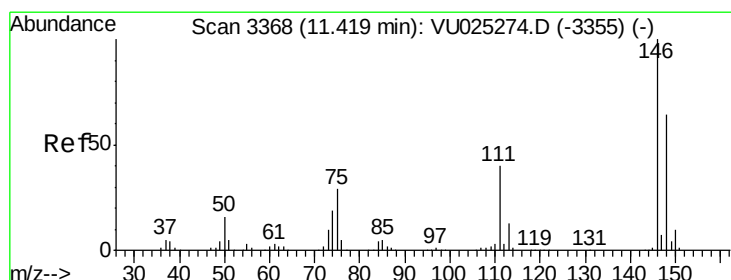
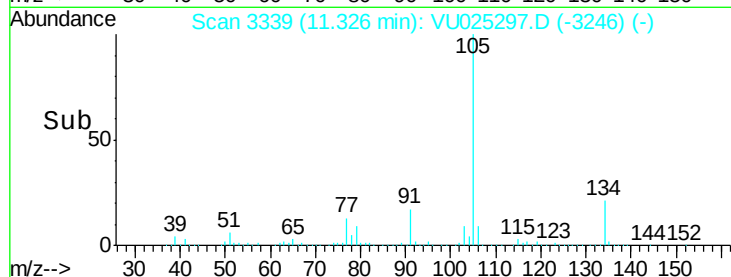
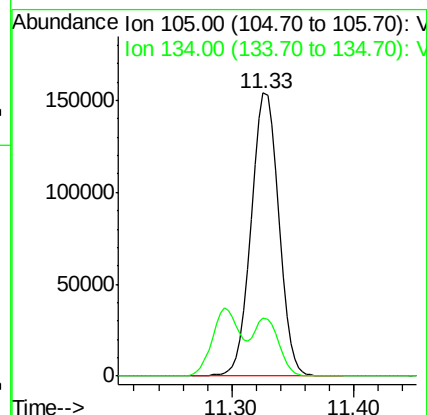
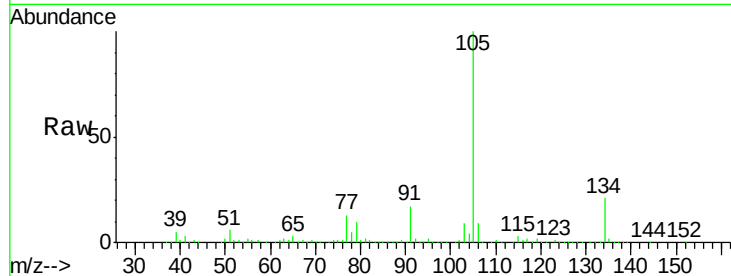
Ion Ratio Lower Upper

105 100

134 18.6 10.3 30.8

Manual Integrations
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7/11/2018 5:05:54 PM



#87

1,3-Dichlorobenzene

Concen: 0.77 ug/l

RT: 11.43 min Scan# 3370

Delta R.T. 0.01 min

Lab File: VU025297.D

Acq: 10 Jul 2018 18:31

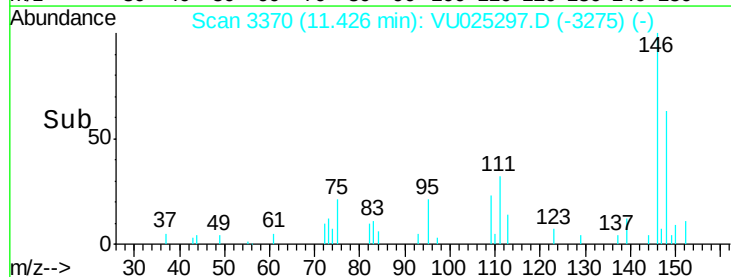
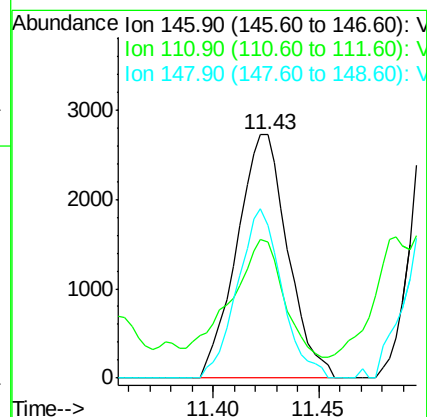
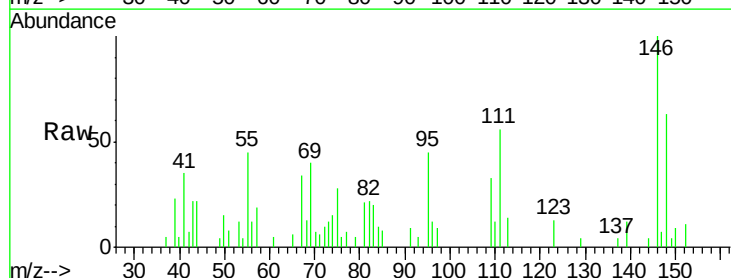
Tgt Ion:146 Resp: 4564

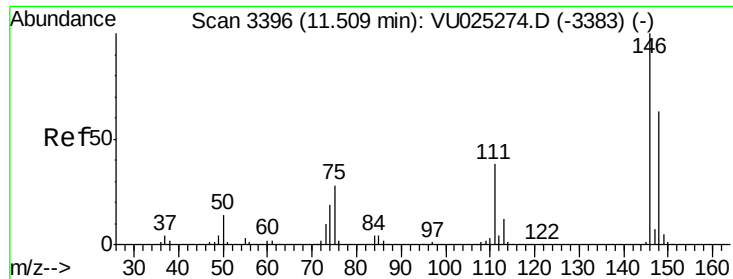
Ion Ratio Lower Upper

146 100

111 49.5 19.7 59.1

148 60.6 32.1 96.3





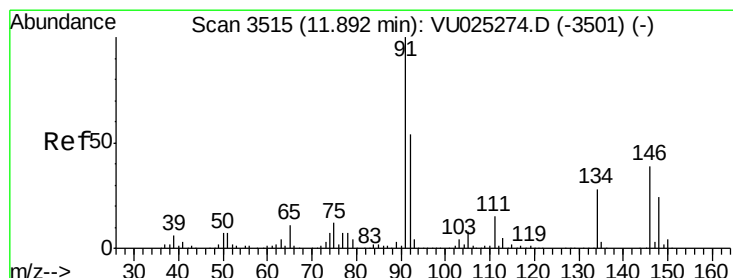
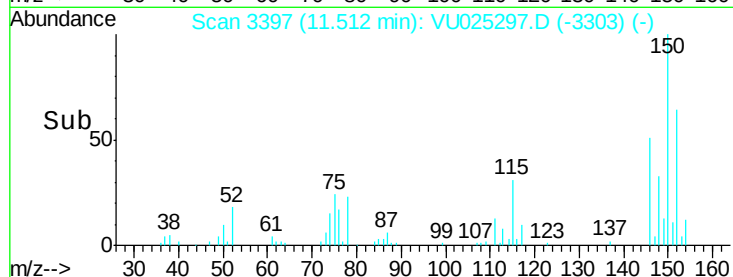
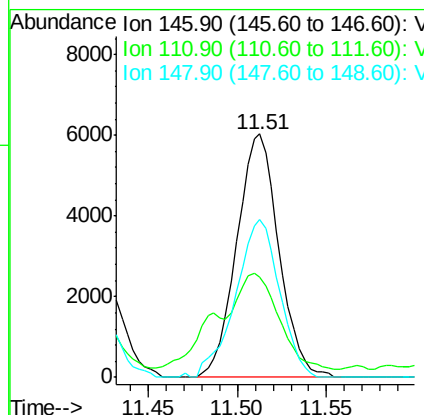
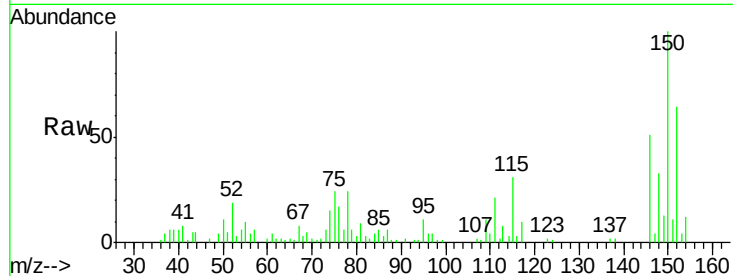
#88
 1,4-Dichlorobenzene
 Concen: 3.16 ug/l
 RT: 11.51 min Scan# 3397
 Delta R.T. 0.00 min
 Lab File: VU025297.D
 Acq: 10 Jul 2018 18:31

Instrument :
 MSVOA_U
 ClientSampleId :
 SS038MW004-180704

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.4	58.1
148	67.7	31.7	95.1

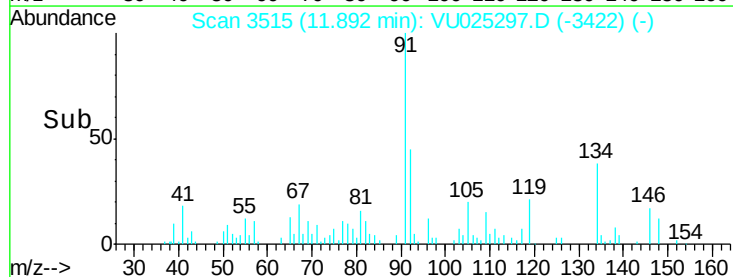
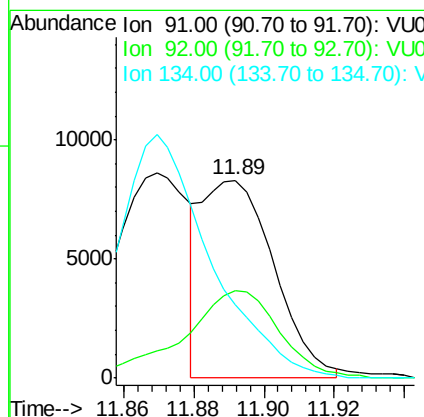
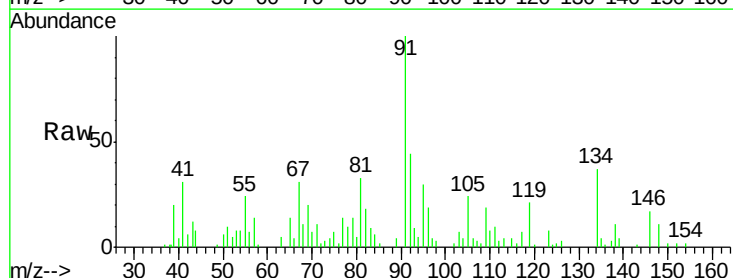
Manual Integrations
 APPROVED

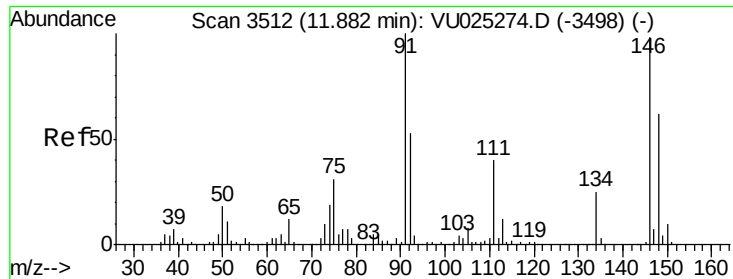
MMDadoda
 7/11/2018 5:05:54 PM



#89
 n-Butylbenzene
 Concen: 1.29 ug/l m
 RT: 11.89 min Scan# 3515
 Delta R.T. 0.00 min
 Lab File: VU025297.D
 Acq: 10 Jul 2018 18:31

Tgt Ion	Ratio	Lower	Upper
91	100		
92	0.0	26.5	79.5#
134	157.1	13.6	40.7#





#91
 1,2-Dichlorobenzene
 Concen: 0.52 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: VU025297.D
 Acq: 10 Jul 2018 18:31

Instrument :
 MSVOA_U
 ClientSampleId :
 SS038MW004-180704

Tot Ion	Ratio	Lower	Upper
146	100		
111	81.9	20.6	61.8#
148	56.3	31.5	94.5

Manual Integrations
 APPROVED

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