

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU071118\
 Data File : VU025326.D
 Acq On : 11 Jul 2018 19:56
 Operator : MD/SY
 Sample : J3922-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SS038RW082-180709

Manual Integrations
 APPROVED

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 7/12/2018 11:04:20 AM

Quant Time: Jul 12 08:35:15 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	199289	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	297703	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	279347	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	147544	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	151384	48.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.78%	
35) Dibromofluoromethane	4.89	113	117074	46.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.24%	
50) Toluene-d8	7.57	98	433156	50.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.74%	
62) 4-Bromofluorobenzene	10.31	95	158554	45.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.58%	
Target Compounds						
4) Vinyl Chloride	1.40	62	11677	5.15	ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	37223	13.94	ug/l	91
45) 1,2-Dichloropropane	6.44	63	2365	0.95	ug/l #	86
52) Toluene	7.64	92	3572	0.59	ug/l	99
65) Chlorobenzene	9.12	112	226720	32.49	ug/l	99
83) tert-Butylbenzene	11.10	119	5257	0.55	ug/l	90
88) 1,4-Dichlorobenzene	11.51	146	2502m	1.96	ug/l	

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

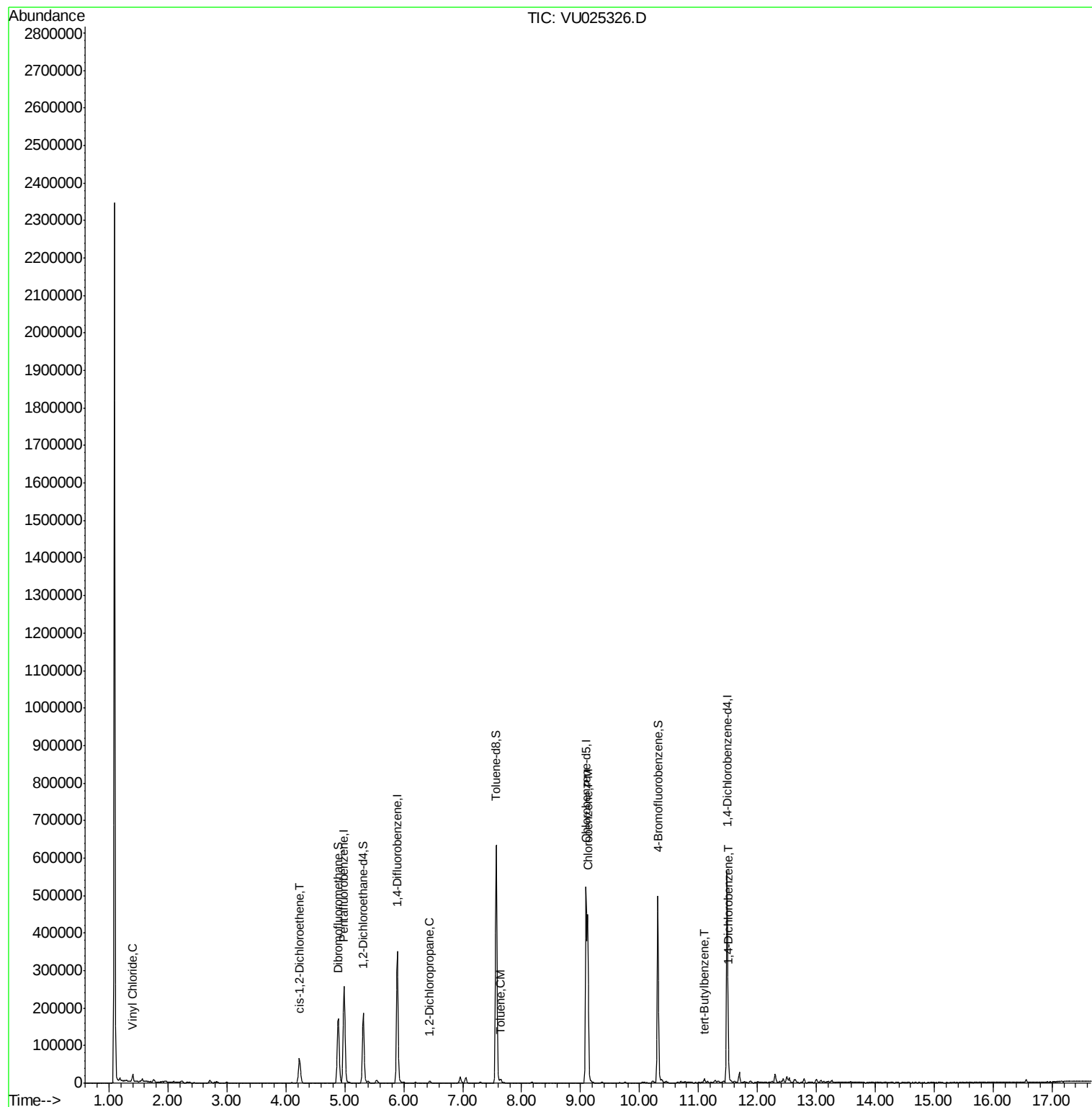
Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU071118\
Data File : VU025326.D
Acq On : 11 Jul 2018 19:56
Operator : MD/SY
Sample : J3922-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 22 Sample Multiplier: 1

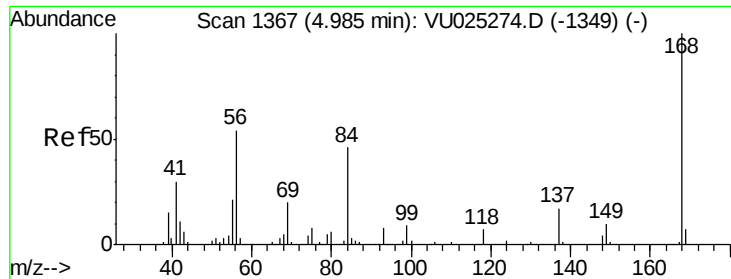
Instrument :
MSVOA_U
ClientSampleId :
SS038RW082-180709

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7/12/2018 11:04:20 AM

Quant Time: Jul 12 08:35:15 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: VU025326.D

Acq: 11 Jul 2018 19:56

Instrument :

MSVOA_U

ClientSampleId :

SS038RW082-180709

Tot Ion:168 Resp: 199289

Ion Ratio Lower Upper

168 100

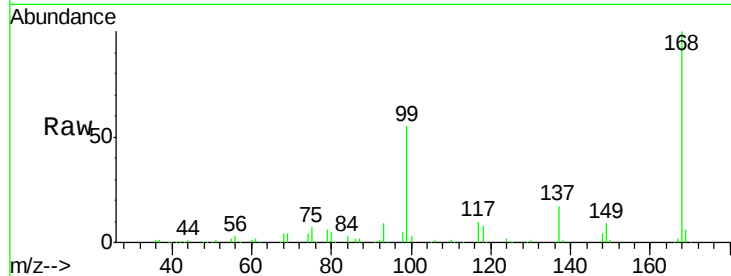
99 55.4 42.8 64.2

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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

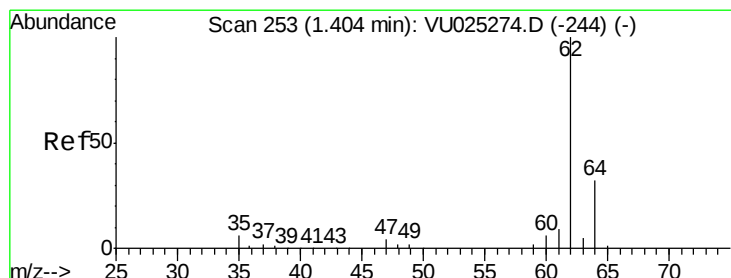
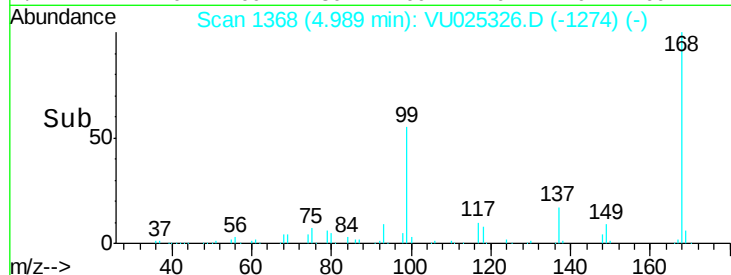
0

4.90

5.00

5.10

Time-->



#4

Vinyl Chloride

Concen: 5.15 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU025326.D

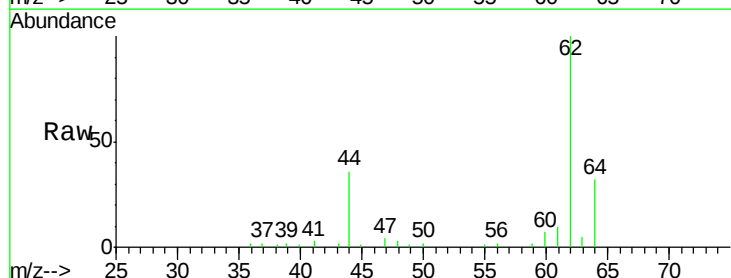
Acq: 11 Jul 2018 19:56

Tgt Ion: 62 Resp: 11677

Ion Ratio Lower Upper

62 100

64 30.3 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VU025274.D (-244) (-)

Ion 63.90 (63.60 to 64.60): VU025274.D (-244) (-)

1.40

12000

10000

8000

6000

4000

2000

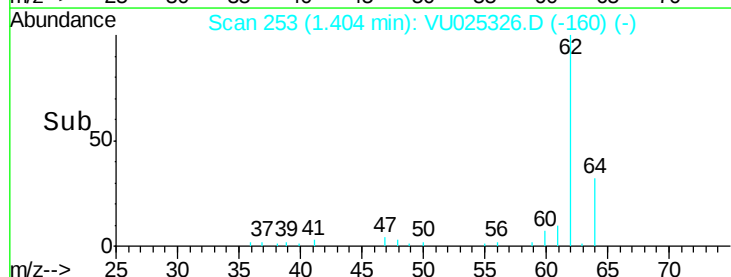
0

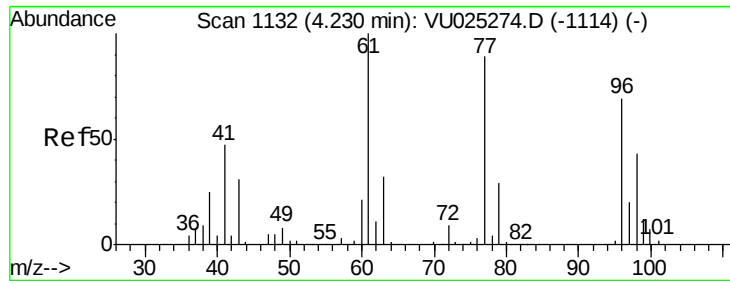
1.35

1.40

1.45

Time-->





#27

cis-1,2-Dichloroethene

Concen: 13.94 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. 0.00 min

Lab File: VU025326.D

Acq: 11 Jul 2018 19:56

Instrument :

MSVOA_U

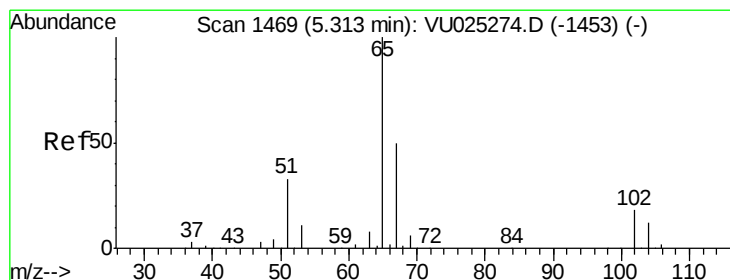
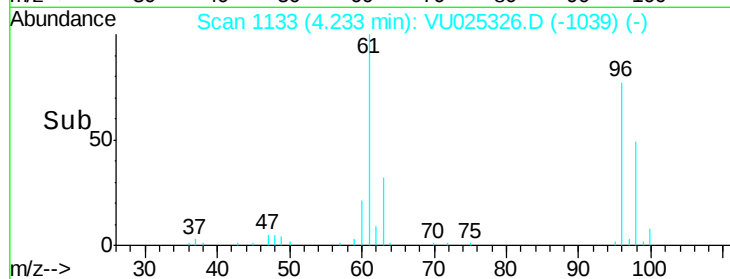
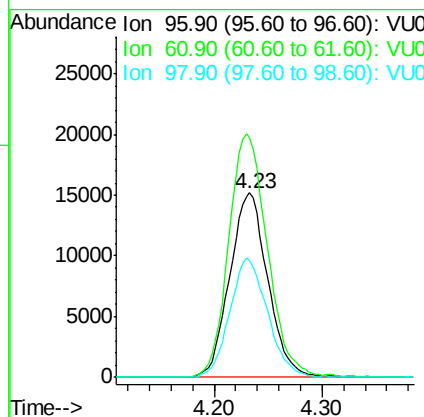
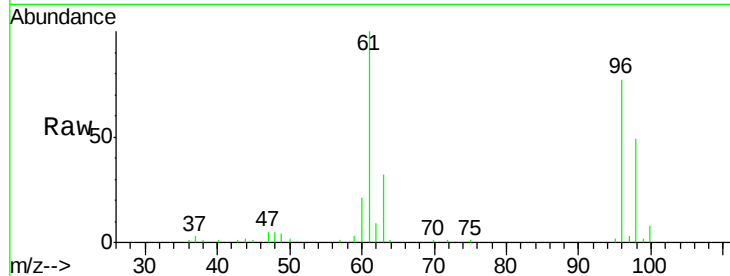
ClientSampleId :

SS038RW082-180709

Tot Ion	96	Resp	37223
Ion	Ratio	Lower	Upper
96	100		
61	134.1	0.0	299.8
98	64.0	0.0	128.6

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#33

1,2-Dichloroethane-d4

Concen: 48.89 ug/l

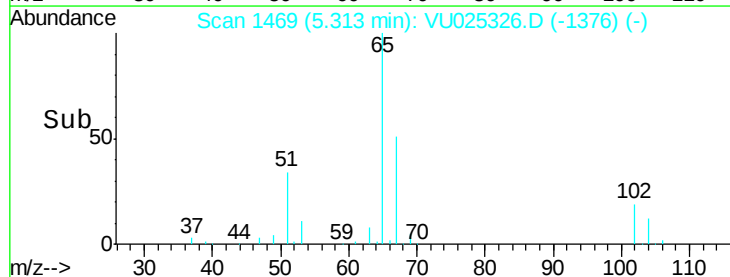
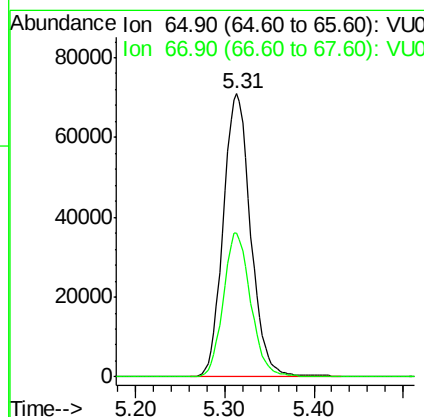
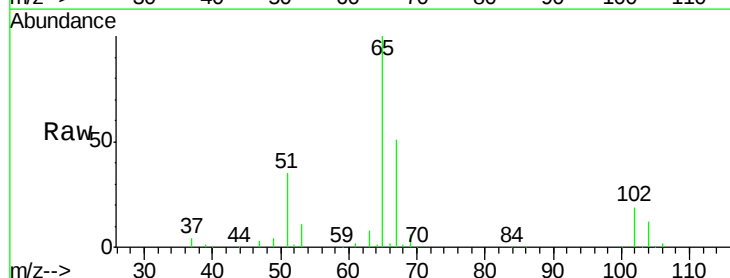
RT: 5.31 min Scan# 1469

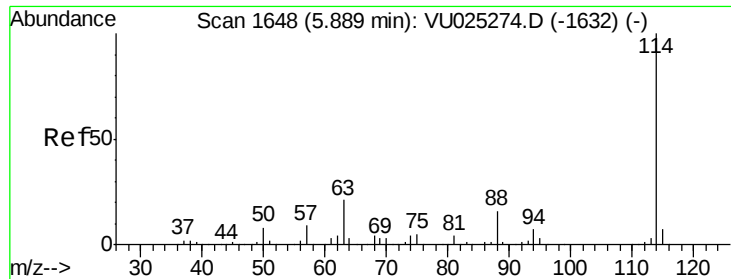
Delta R.T. 0.00 min

Lab File: VU025326.D

Acq: 11 Jul 2018 19:56

Tgt Ion	65	Resp	151384
Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	103.6





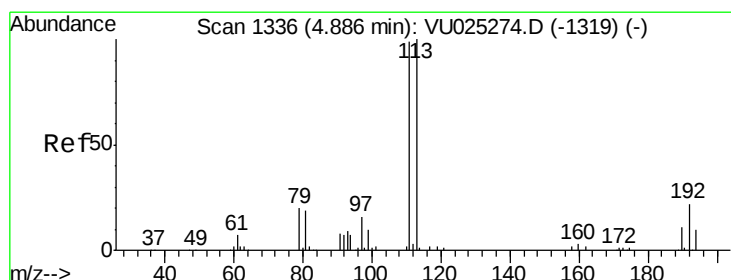
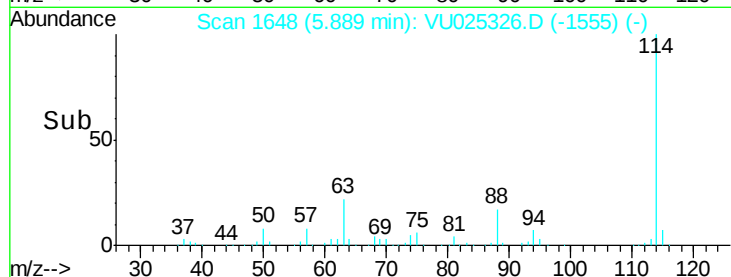
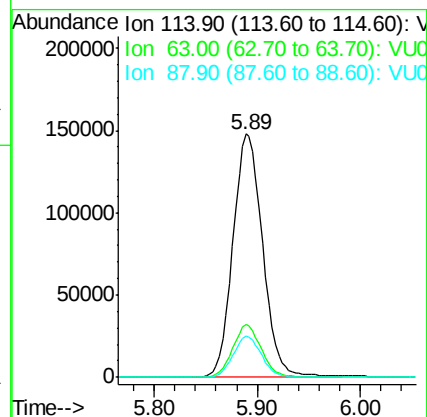
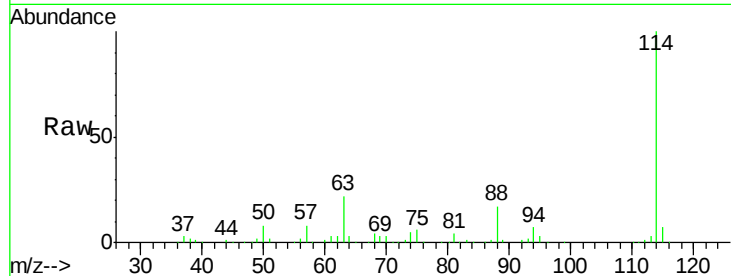
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. 0.00 min
 Lab File: VU025326.D
 Acq: 11 Jul 2018 19:56

Instrument :
 MSVOA_U
 ClientSampleId :
 SS038RW082-180709

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	21.5	0.0	41.6
88	16.9	0.0	32.4

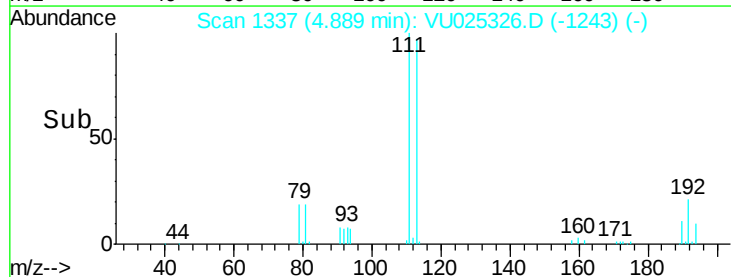
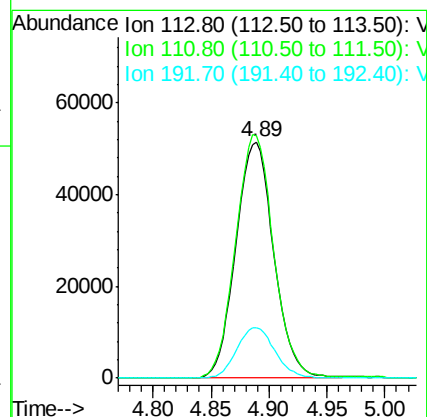
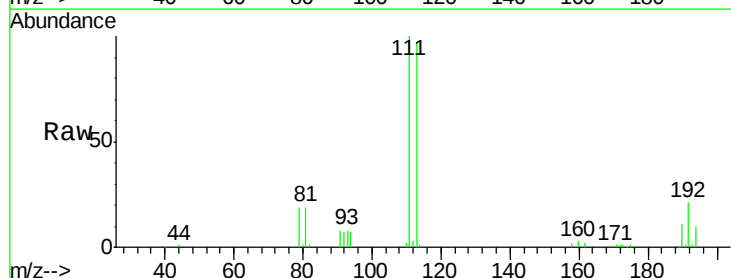
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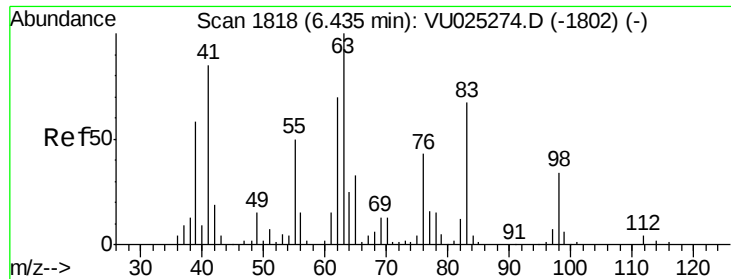
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#35
 Dibromofluoromethane
 Concen: 46.62 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU025326.D
 Acq: 11 Jul 2018 19:56

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	102.8	81.7	122.5
192	21.5	17.1	25.7





#45

1,2-Dichloropropane

Concen: 0.95 ug/l

RT: 6.44 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VU025326.D

Acq: 11 Jul 2018 19:56

Instrument :

MSVOA_U

ClientSampleId :

SS038RW082-180709

Tot Ion: 63 Resp: 2365

Ion Ratio Lower Upper

63 100

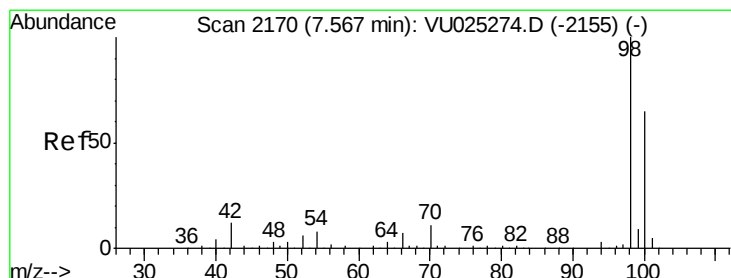
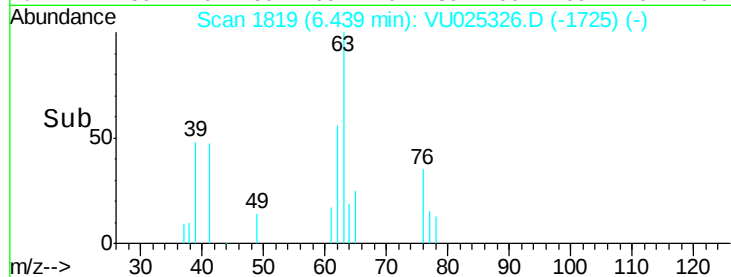
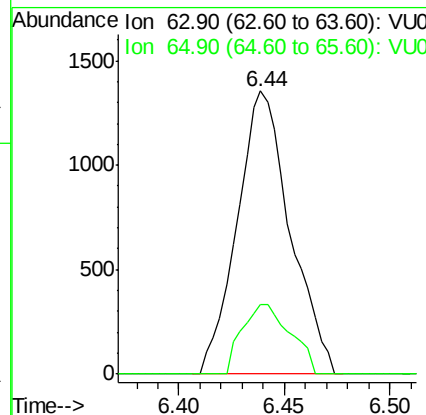
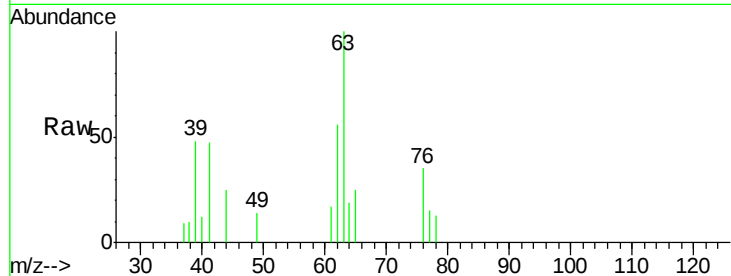
65 24.6 26.1 39.1#

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#50

Toluene-d8

Concen: 50.37 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. 0.00 min

Lab File: VU025326.D

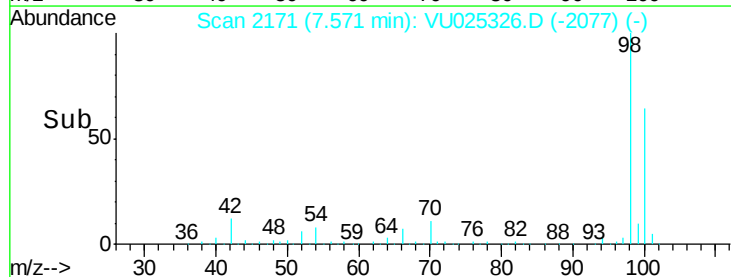
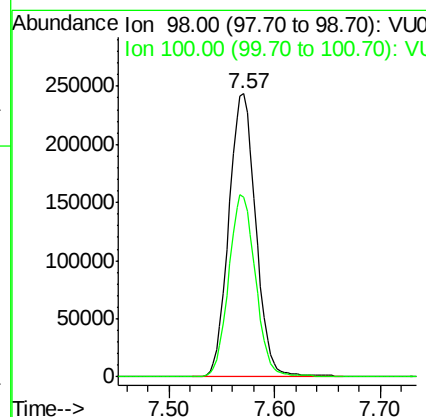
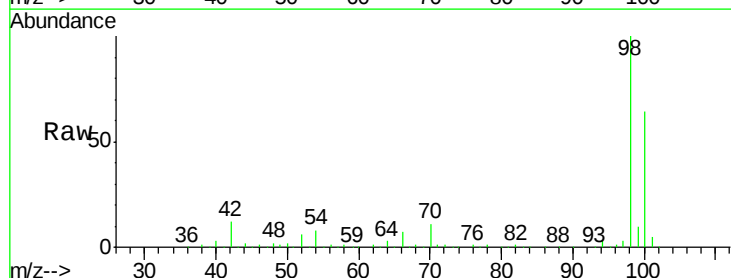
Acq: 11 Jul 2018 19:56

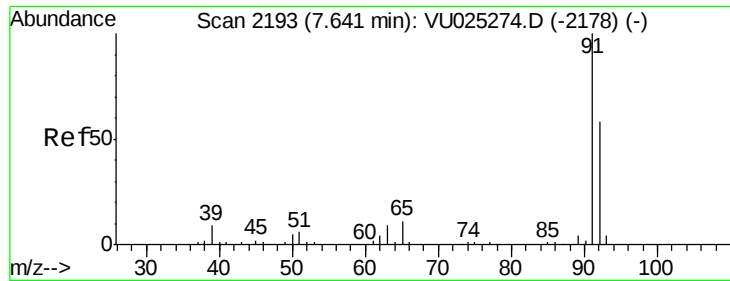
Tgt Ion: 98 Resp: 433156

Ion Ratio Lower Upper

98 100

100 63.7 51.1 76.7





#52

Toluene

Concen: 0.59 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU025326.D

Acq: 11 Jul 2018 19:56

Instrument :

MSVOA_U

ClientSampleId :

SS038RW082-180709

Tot Ion: 92 Resp: 3572

Ion Ratio Lower Upper

92 100

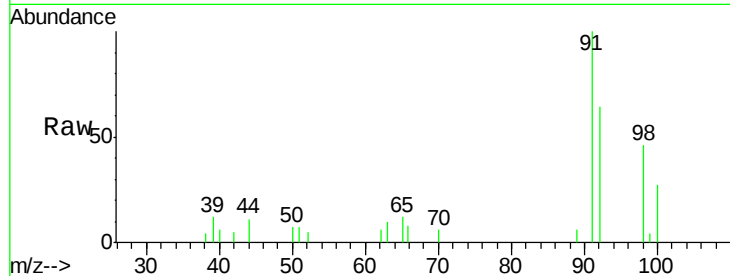
91 172.1 139.2 208.8

Manual Integrations

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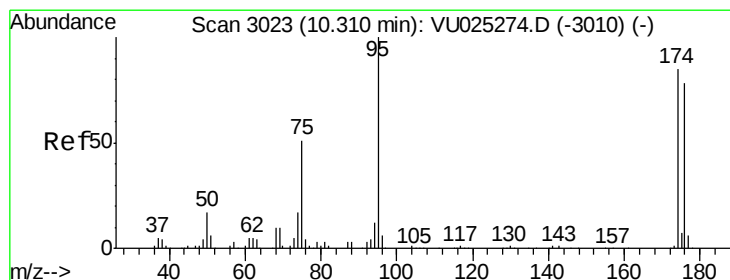
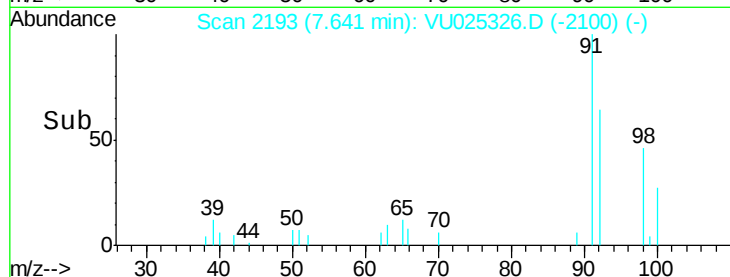
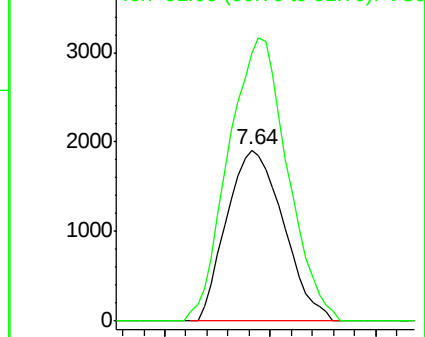
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Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0



#62

4-Bromofluorobenzene

Concen: 45.79 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025326.D

Acq: 11 Jul 2018 19:56

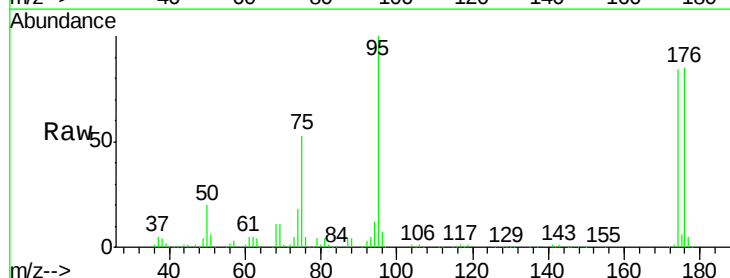
Tgt Ion: 95 Resp: 158554

Ion Ratio Lower Upper

95 100

174 86.2 0.0 172.2

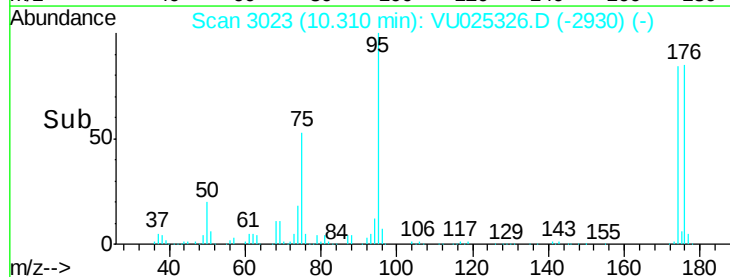
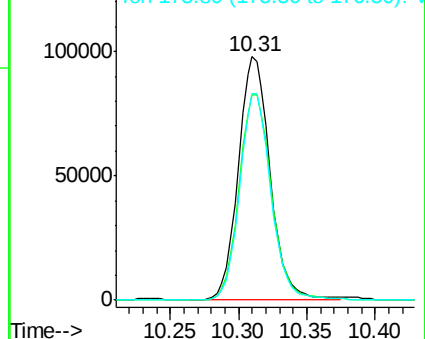
176 83.4 0.0 162.6

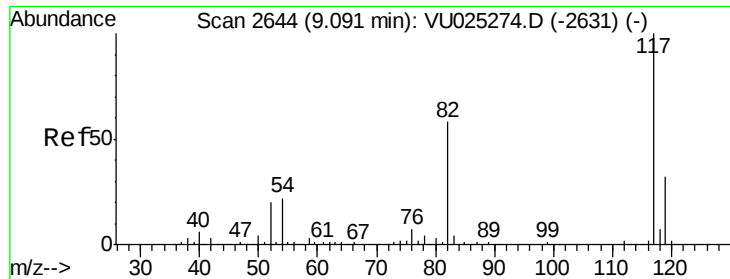


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





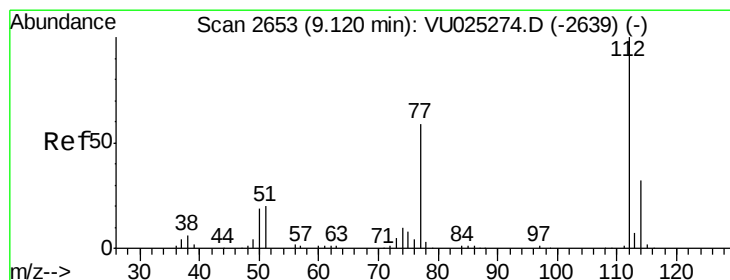
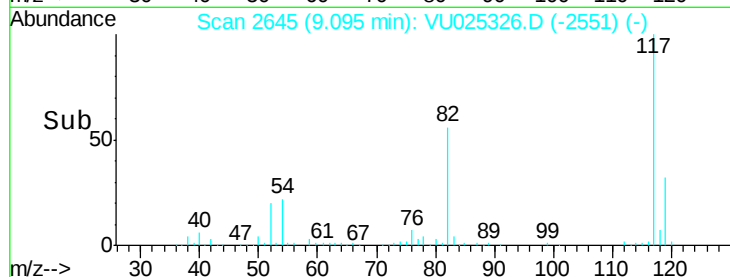
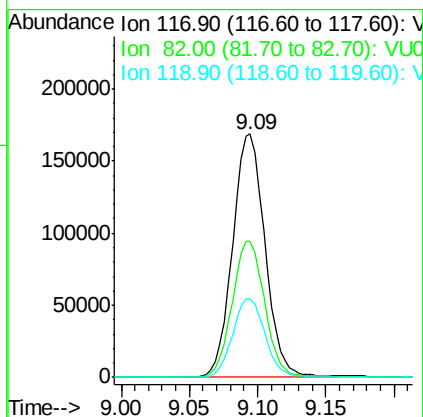
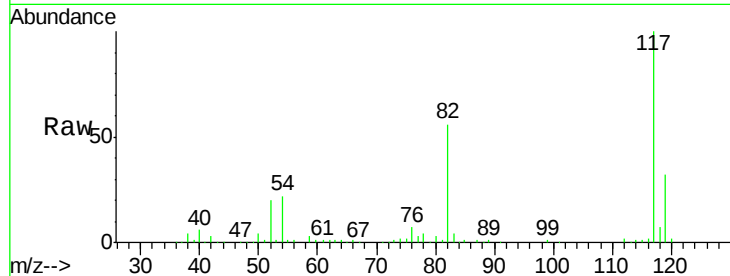
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025326.D
Acq: 11 Jul 2018 19:56

Instrument :
MSVOA_U
ClientSampleId :
SS038RW082-180709

Tot Ion	Ratio	Resp	Lower	Upper
117	100	279347		
82	55.9	46.0	69.0	
119	32.4	26.0	39.0	

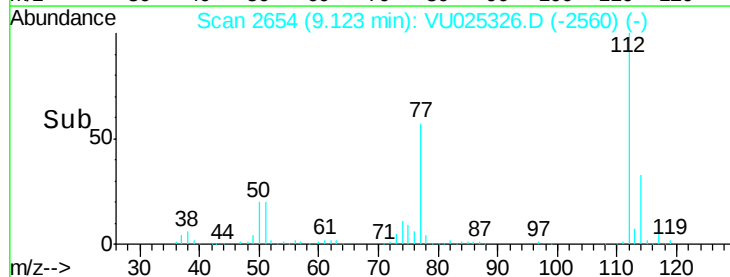
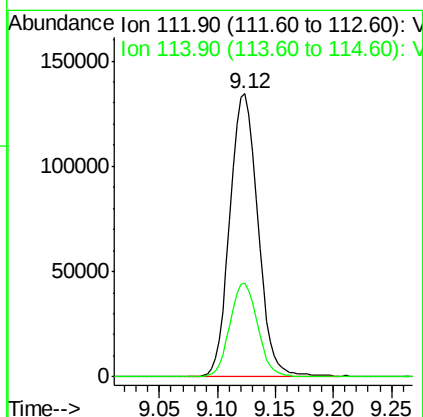
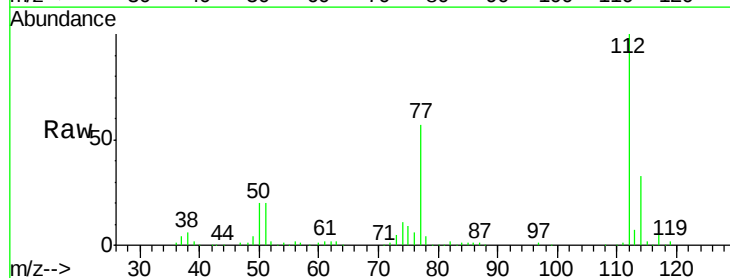
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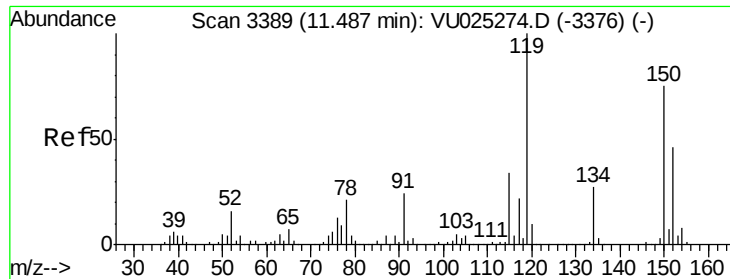
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#65
Chlorobenzene
Concen: 32.49 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU025326.D
Acq: 11 Jul 2018 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	226720		
114	33.0	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: VU025326.D

Acq: 11 Jul 2018 19:56

Instrument :

MSVOA_U

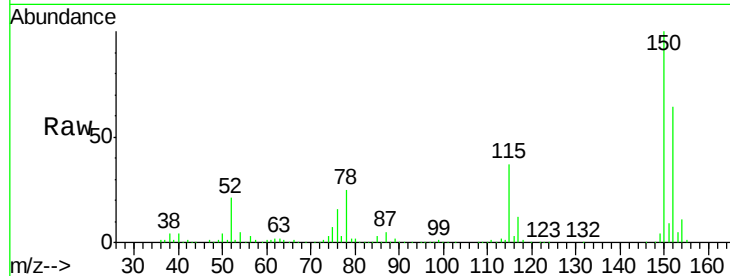
ClientSampleId :

SS038RW082-180709

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.3	40.1	120.3
150	156.7	0.0	351.4

Manual Integrations
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7/12/2018 11:04:20 AM

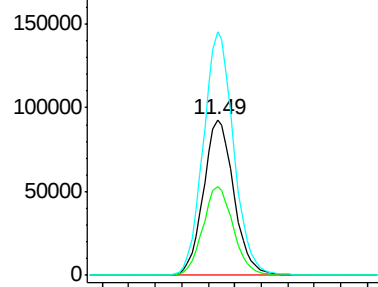


Abundance

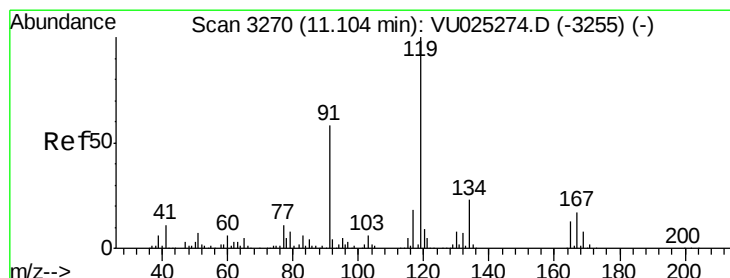
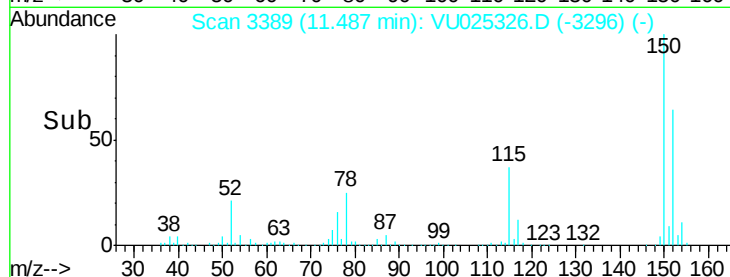
Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



Time--> 11.40 11.50



#83

tert-Butylbenzene

Concen: 0.55 ug/l

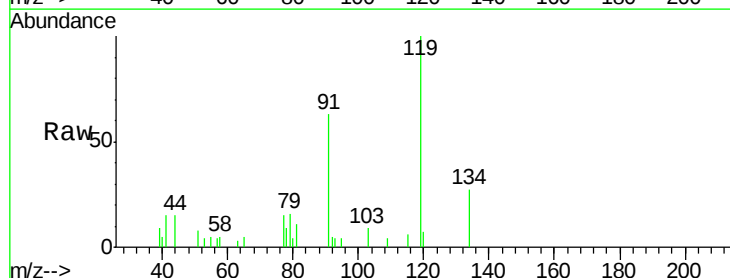
RT: 11.10 min Scan# 3270

Delta R.T. 0.00 min

Lab File: VU025326.D

Acq: 11 Jul 2018 19:56

Tgt Ion	Ratio	Lower	Upper
119	100		
91	69.1	29.7	89.1
134	23.6	11.5	34.5

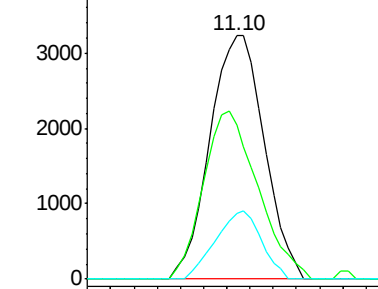


Abundance

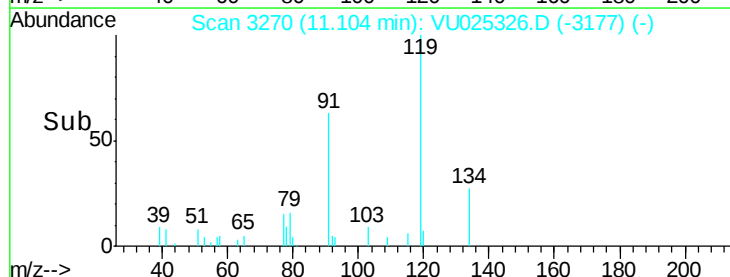
Ion 119.00 (118.70 to 119.70): V

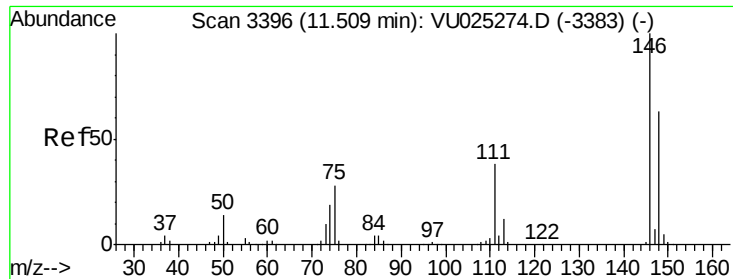
Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



Time--> 11.05 11.15





#88

1,4-Dichlorobenzene

Concen: 1.96 ug/l m

RT: 11.51 min Scan# 3397

Delta R.T. 0.00 min

Lab File: VU025326.D

Acq: 11 Jul 2018 19:56

Instrument :

MSVOA_U

ClientSampleId :

SS038RW082-180709

Tot Ion:	146	Resp:	2502
Ion Ratio	Lower	Upper	
146	100		
111	7.0	19.4	58.1#
148	21.7	31.7	95.1#

Manual Integrations
APPROVED

MMDadoda
7/12/2018 11:04:20 AM

