

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091518\
 Data File : VU026756.D
 Acq On : 14 Sep 2018 11:21
 Operator : MD/SY
 Sample : J4893-10DL 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C08N0DL

Quant Time: Sep 21 05:45:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 21 05:15:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	172306	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	161964	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	69898	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	56197	43.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.52%
7) Chloroethane-d5	1.68	69	45981	44.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.88%
11) 1,1-Dichloroethene-d2	2.27	63	79057	34.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.80%
21) 2-Butanone-d5	4.18	46	81604	102.13	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.13%
24) Chloroform-d	4.65	84	92631	43.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.78%
26) 1,2-Dichloroethane-d4	5.31	65	64731	46.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.64%
32) Benzene-d6	5.34	84	193711	46.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.42%
36) 1,2-Dichloropropane-d6	6.33	67	66211	47.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.14%
41) Toluene-d8	7.57	98	170139	43.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.52%
43) trans-1,3-Dichloropropene-	7.85	79	28200	43.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.24%
47) 2-Hexanone-d5	8.31	63	56659	98.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.72%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	88426	45.91	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.82%
64) 1,2-Dichlorobenzene-d4	11.86	152	66361	47.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.24%

Target Compounds

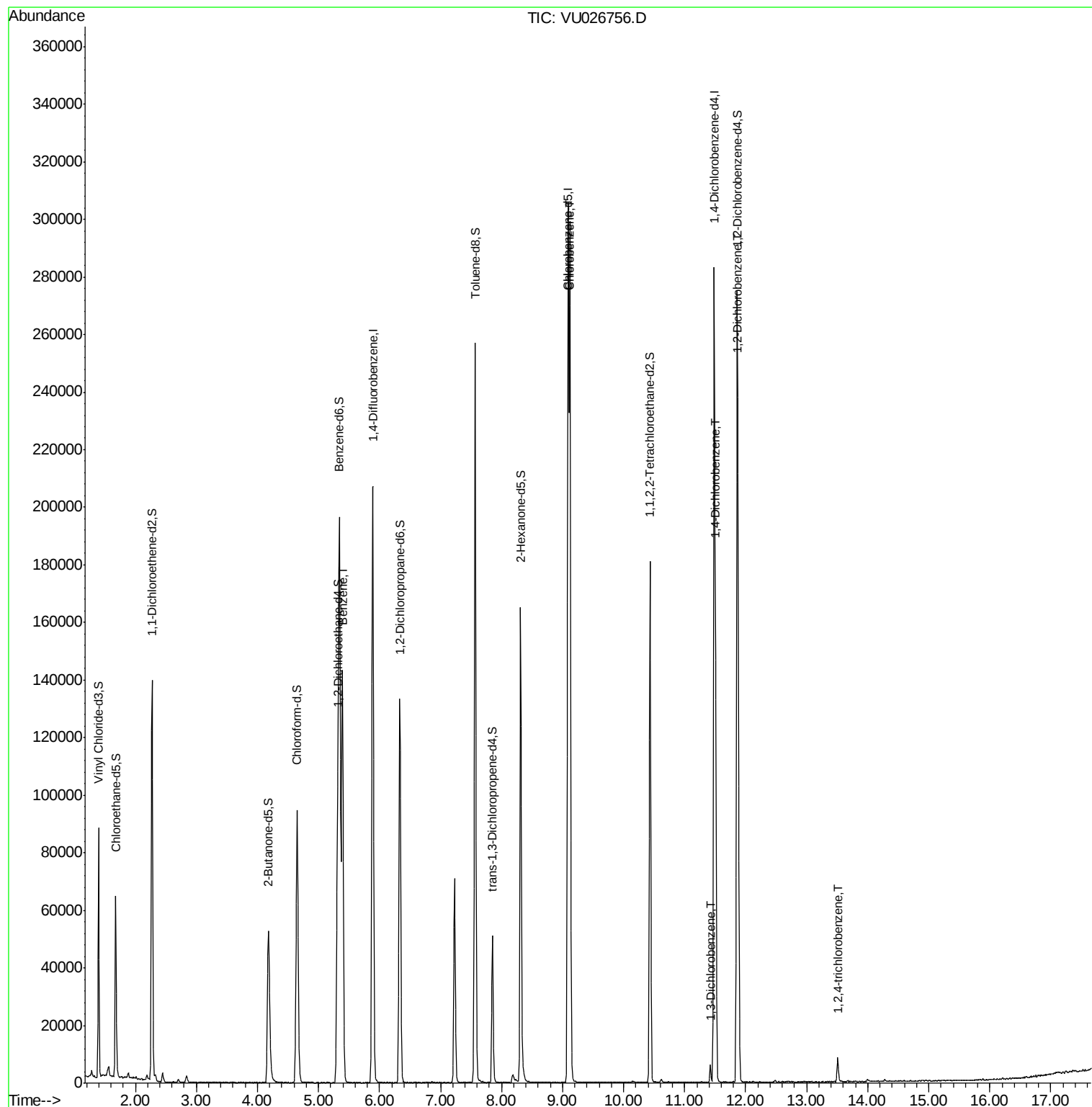
					Ovalue
33) Benzene	5.39	78	141087	31.107	ug/L 100
51) Chlorobenzene	9.12	112	154751	50.135	ug/L 99
62) 1,3-Dichlorobenzene	11.42	146	2961	1.475	ug/L 92
63) 1,4-Dichlorobenzene	11.51	146	50359	23.686	ug/L 98
65) 1,2-Dichlorobenzene	11.88	146	44734	21.090	ug/L 98
68) 1,2,4-trichlorobenzene	13.51	180	3509	2.536	ug/L 94

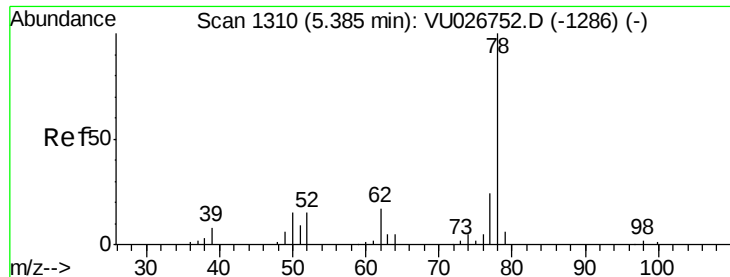
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 21 05:15:18 2018
Response via : Initial Calibration





#33

Benzene

Concen: 31.107 ug/L

RT: 5.39 min Scan# 1312

Delta R.T. -0.00 min

Lab File: VU026756.D

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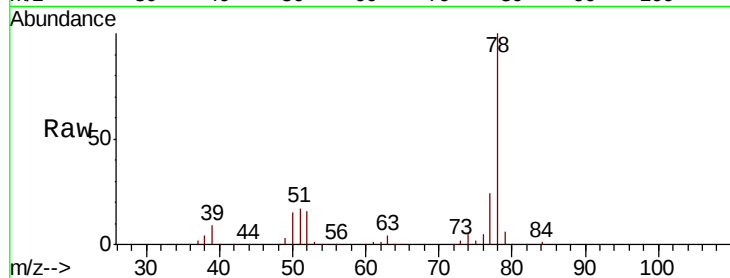
Instrument :

MSVOA_U

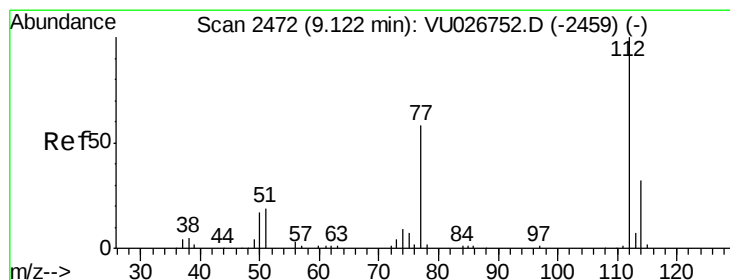
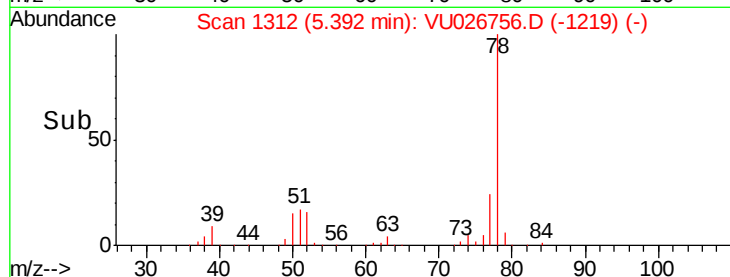
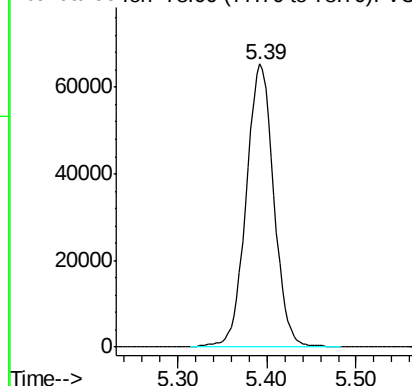
ClientSampleId :

C08N0DL

Tgt Ion: 78 Resp: 141087



Abundance Ion 78.00 (77.70 to 78.70): VU0



#51

Chlorobenzene

Concen: 50.135 ug/L

RT: 9.12 min Scan# 2472

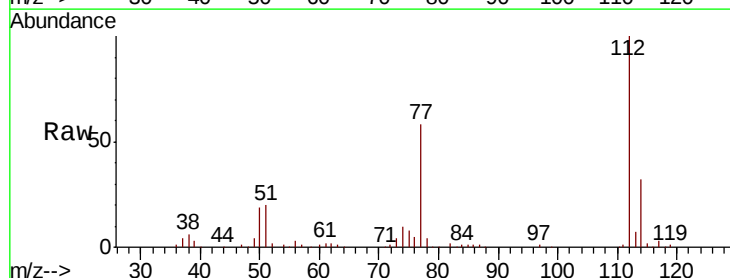
Delta R.T. -0.00 min

Lab File: VU026756.D

Acq: 14 Sep 2018 11:21

Tgt Ion: 112 Resp: 154751

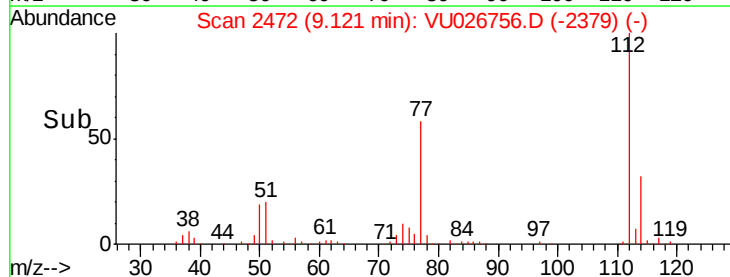
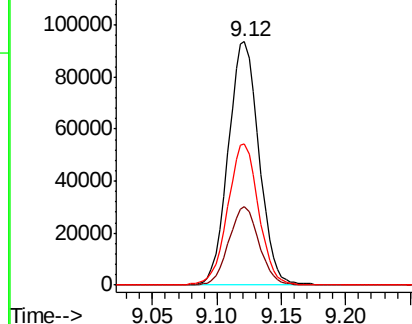
Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.9	42.5
77	58.2	47.2	70.8

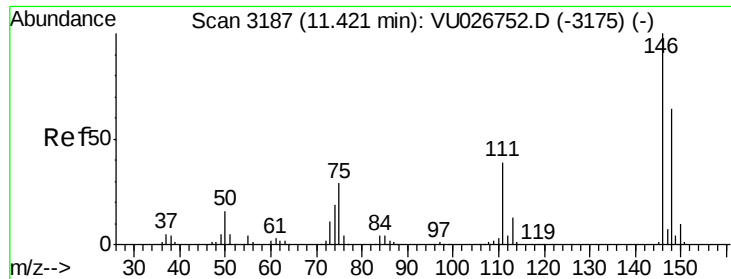


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VU0





#62

1,3-Dichlorobenzene

Concen: 1.475 ug/L

RT: 11.42 min Scan# 3187

Delta R.T. 0.00 min

Lab File: VU026756.D

Acq: 14 Sep 2018 11:21

Instrument :

MSVOA_U

ClientSampled :

C08N0DL

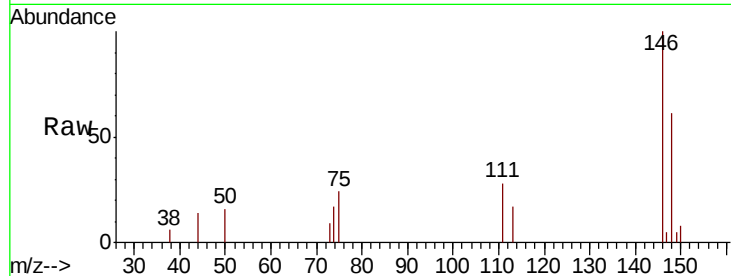
Tot Ion:146 Resp: 2961

Ion Ratio Lower Upper

146 100

111 28.4 26.7 49.5

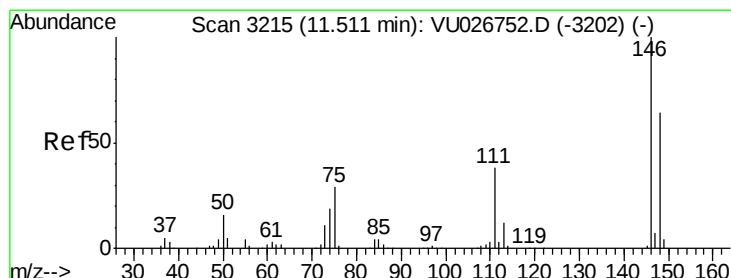
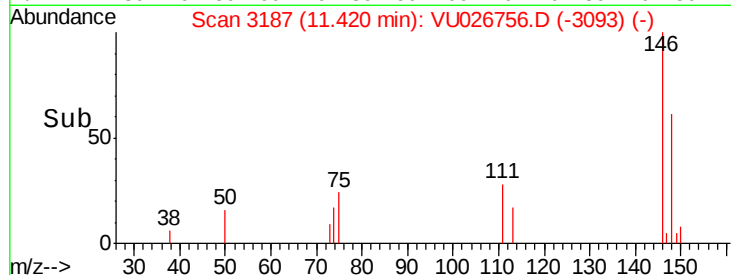
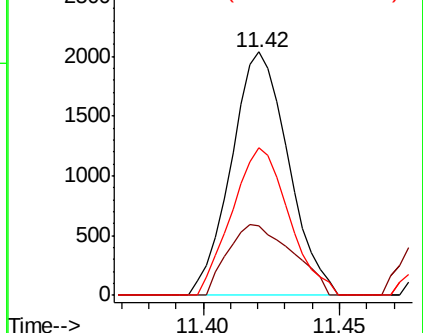
148 60.6 44.2 82.2



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 23.686 ug/L

RT: 11.51 min Scan# 3215

Delta R.T. 0.00 min

Lab File: VU026756.D

Acq: 14 Sep 2018 11:21

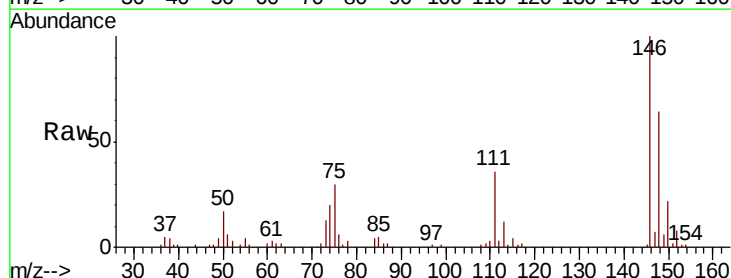
Tgt Ion:146 Resp: 50359

Ion Ratio Lower Upper

146 100

111 36.0 26.5 49.3

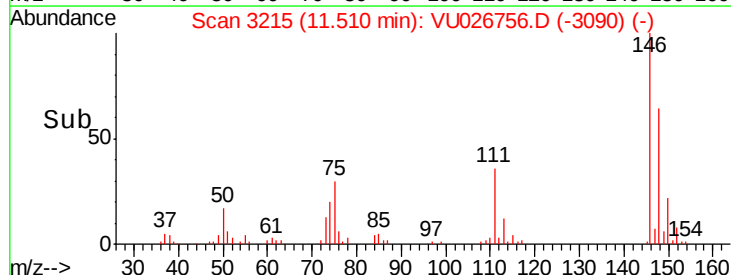
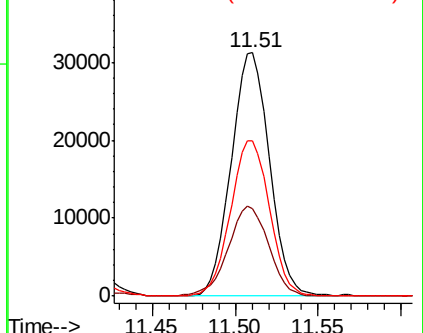
148 64.0 45.2 84.0

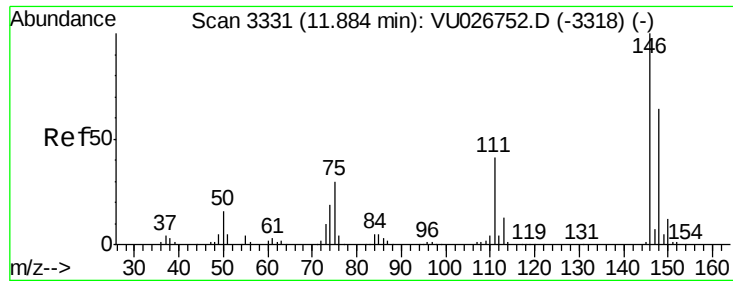


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 21.090 ug/L

RT: 11.88 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VU026756.D

Acq: 14 Sep 2018 11:21

Instrument :

MSVOA_U

ClientSampleId :

C08N0DL

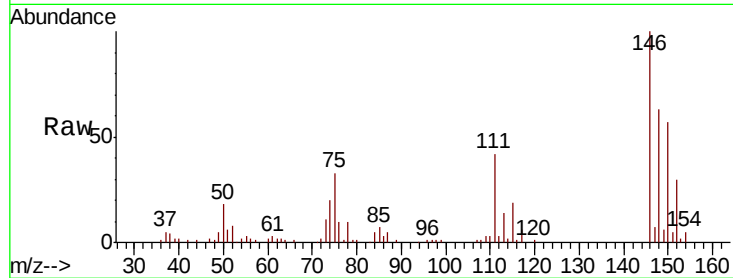
Tot Ion:146 Resp: 44734

Ion Ratio Lower Upper

146 100

111 41.6 32.8 49.2

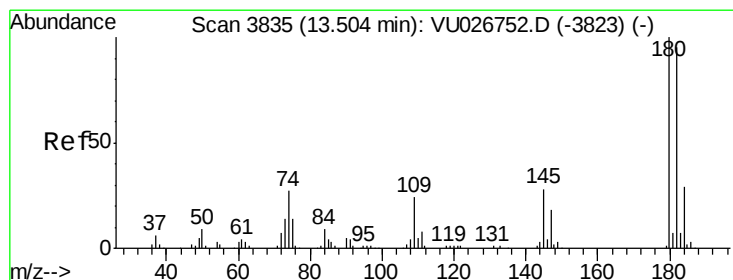
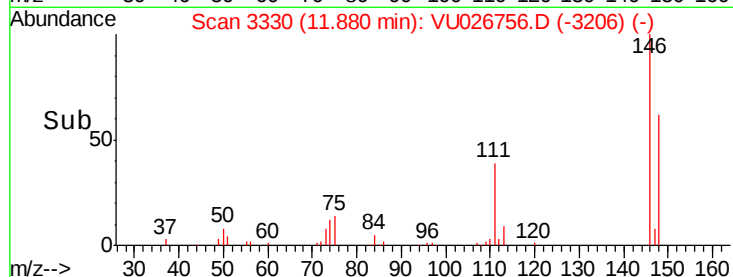
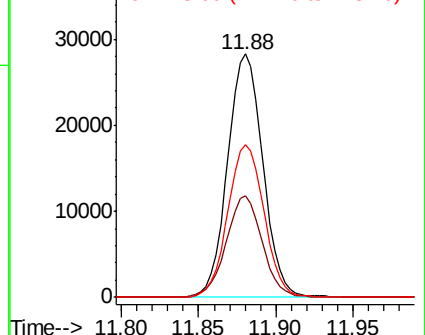
148 62.8 52.2 78.4



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#68

1,2,4-trichlorobenzene

Concen: 2.536 ug/L

RT: 13.51 min Scan# 3836

Delta R.T. 0.00 min

Lab File: VU026756.D

Acq: 14 Sep 2018 11:21

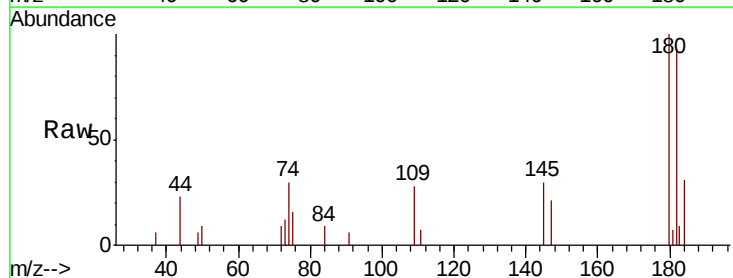
Tgt Ion:180 Resp: 3509

Ion Ratio Lower Upper

180 100

182 102.2 76.0 114.0

145 27.4 23.4 35.0



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

