

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102618\
 Data File : VU027842.D
 Acq On : 26 Oct 2018 18:33
 Operator : MD/SY
 Sample : J5668-23MSD
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETBS1MSD

Quant Time: Oct 27 03:56:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 27 01:41:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	122535	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	112301	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	51844	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	27662	29.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	58.02%#
7) Chloroethane-d5	1.67	69	24700	33.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	67.30%#
11) 1,1-Dichloroethene-d2	2.28	63	61574	35.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.72%
21) 2-Butanone-d5	4.18	46	77590	95.50	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.50%
24) Chloroform-d	4.65	84	63642	37.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.26%
26) 1,2-Dichloroethane-d4	5.31	65	46849	39.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.94%
32) Benzene-d6	5.34	84	122313	38.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.48%
36) 1,2-Dichloropropane-d6	6.33	67	45690	40.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.02%
41) Toluene-d8	7.57	98	108545	36.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	73.58%#
43) trans-1,3-Dichloropropene-	7.85	79	20439	36.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.72%
47) 2-Hexanone-d5	8.31	63	56594	96.85	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.85%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	63747	43.23	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.46%
64) 1,2-Dichlorobenzene-d4	11.86	152	41804	39.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.74%#

Target Compounds

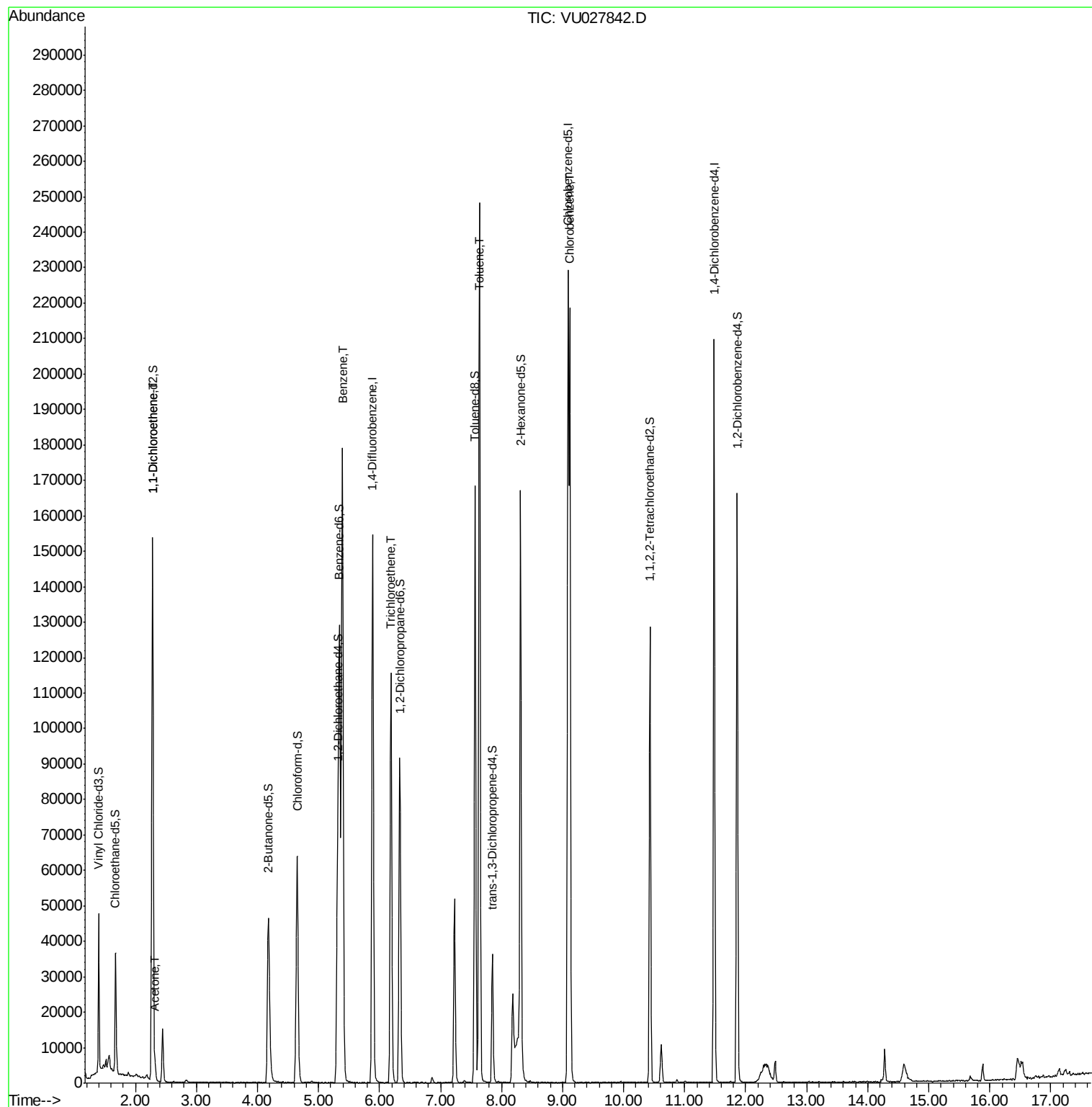
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.29	96	32076	46.979	ug/L	88
13) Acetone	2.32	43	4765	8.419	ug/L	95
33) Benzene	5.39	78	168229	50.356	ug/L	100
34) Trichloroethene	6.19	95	40940	48.950	ug/L	99
42) Toluene	7.64	91	174980	50.012	ug/L	100
51) Chlorobenzene	9.12	112	102740	47.897	ug/L	97

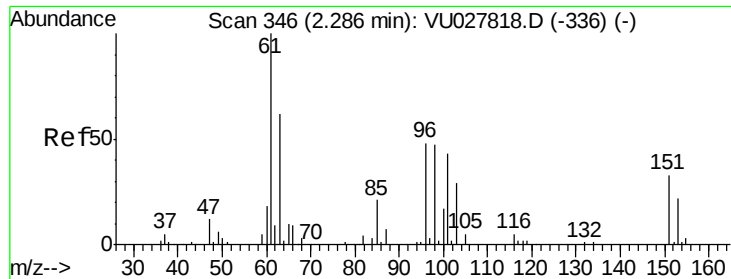
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 46.979 ug/L

RT: 2.29 min Scan# 346

Delta R.T. -0.00 min

Lab File: VU027842.D

Acq: 26 Oct 2018 18:33

Instrument :

MSVOA_U

ClientSampleId :

ETBS1MSD

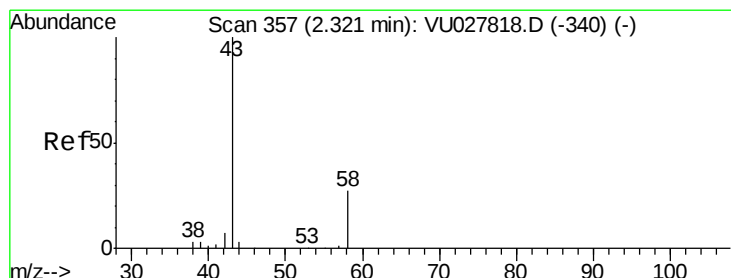
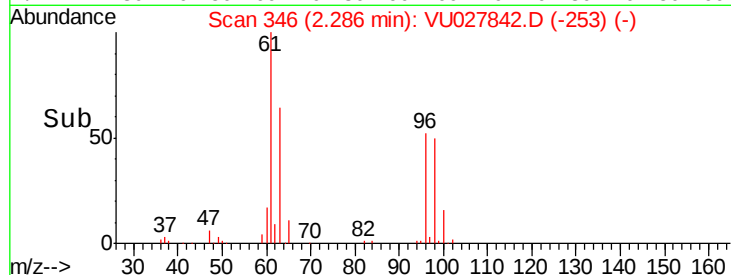
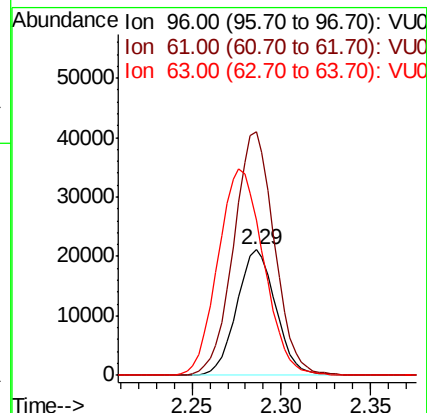
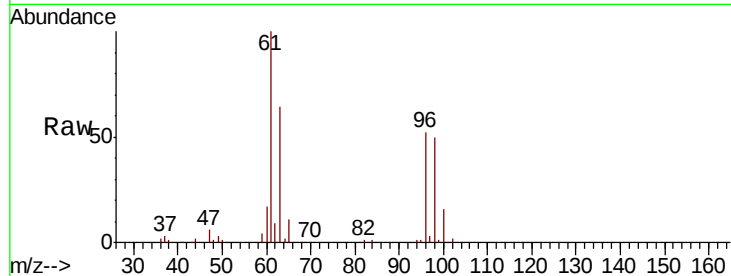
Tot Ion: 96 Resp: 32076

Ion Ratio Lower Upper

96 100

61 193.8 137.3 255.1

63 123.5 109.8 204.0



#13

Acetone

Concen: 8.419 ug/L

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027842.D

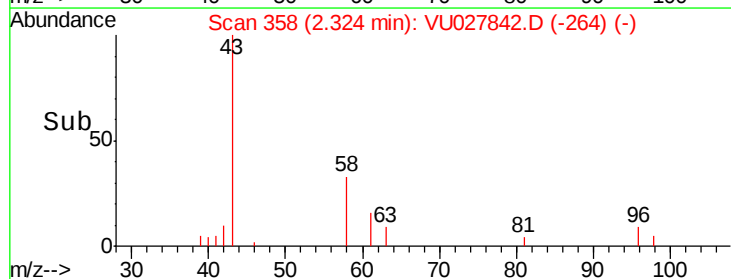
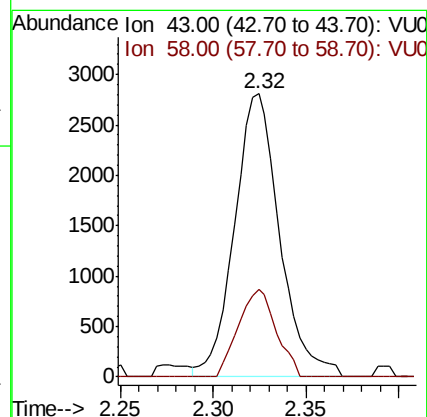
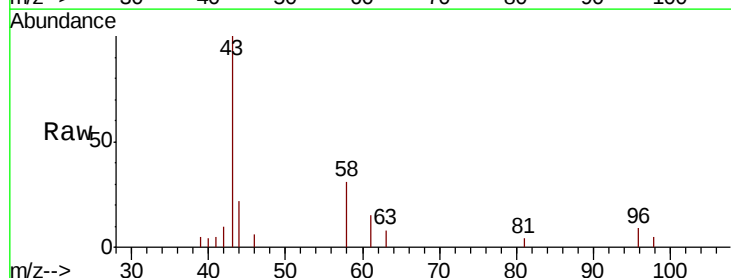
Acq: 26 Oct 2018 18:33

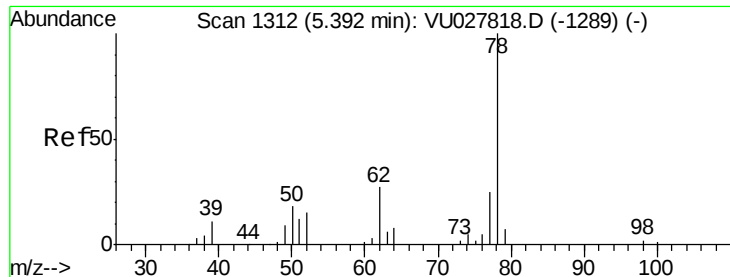
Tgt Ion: 43 Resp: 4765

Ion Ratio Lower Upper

43 100

58 25.8 0.0 57.4





#33

Benzene

Concen: 50.356 ug/L

RT: 5.39 min Scan# 1312

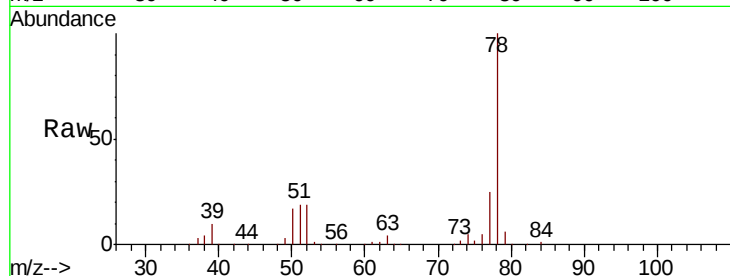
Delta R.T. -0.00 min

Lab File: VU027842.D

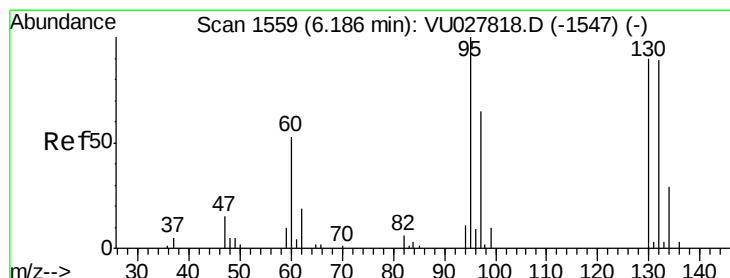
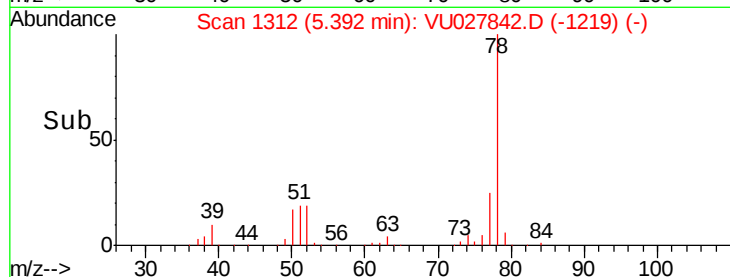
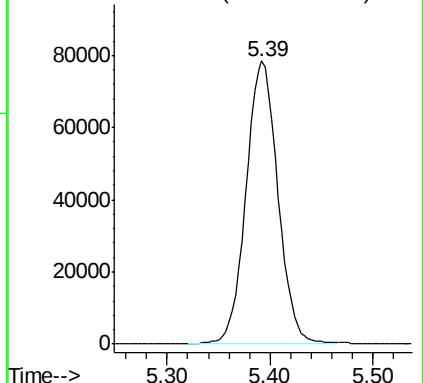
Acq: 26 Oct 2018 18:33

Instrument :
MSVOA_U
ClientSampled :
ETBS1MSD

Tgt Ion: 78 Resp: 168229



Abundance Ion 78.00 (77.70 to 78.70): VU0



#34

Trichloroethene

Concen: 48.950 ug/L

RT: 6.19 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VU027842.D

Acq: 26 Oct 2018 18:33

Tgt Ion: 95 Resp: 40940

Ion	Ratio	Lower	Upper
95	100		
97	64.9	45.8	85.2
132	87.0	62.1	115.3
130	93.3	65.0	120.6

95 100

97 64.9 45.8 85.2

132 87.0 62.1 115.3

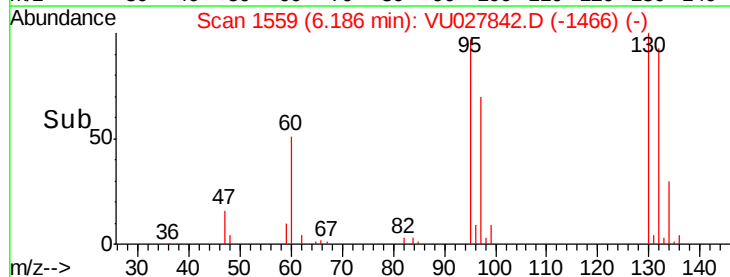
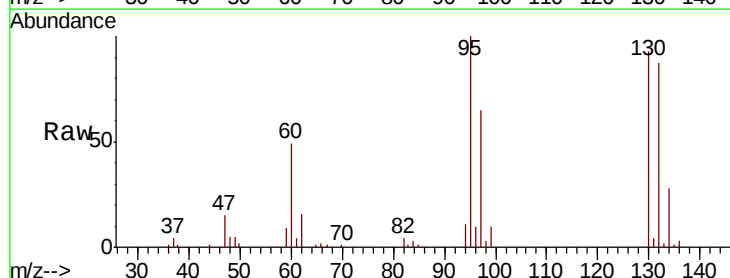
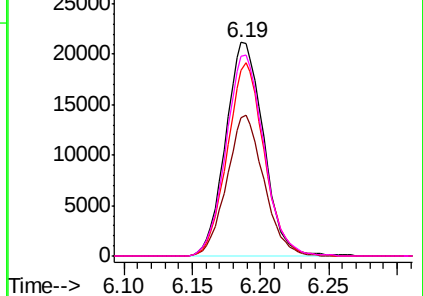
130 93.3 65.0 120.6

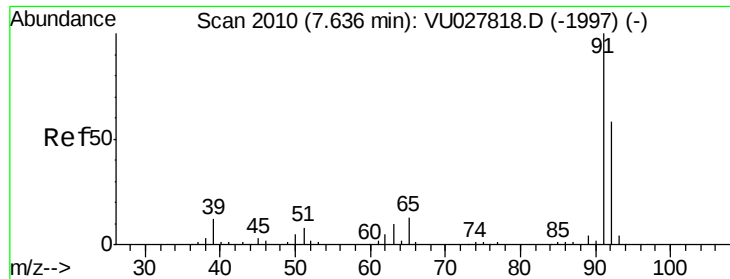
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





#42

Toluene

Concen: 50.012 ug/L

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU027842.D

Acq: 26 Oct 2018 18:33

Instrument :

MSVOA_U

ClientSampleId :

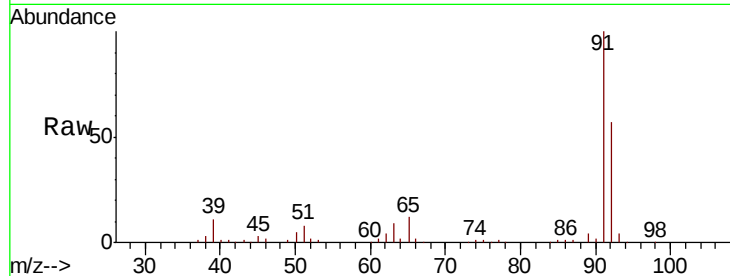
ETBS1MSD

Tot Ion: 91 Resp: 174980

Ion Ratio Lower Upper

91 100

92 56.9 39.9 74.1



Abundance Ion 91.00 (90.70 to 91.70): VU027818.D (-1997) (-)

Ion 92.00 (91.70 to 92.70): VU027818.D (-1997) (-)

7.64

100000

80000

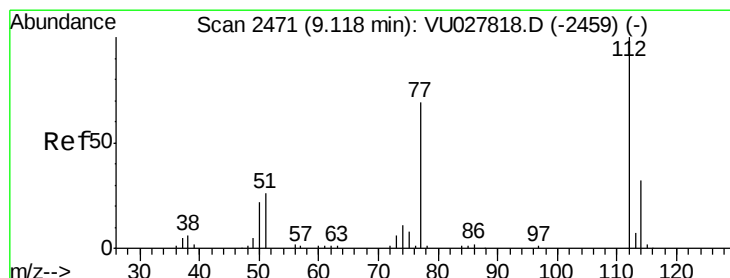
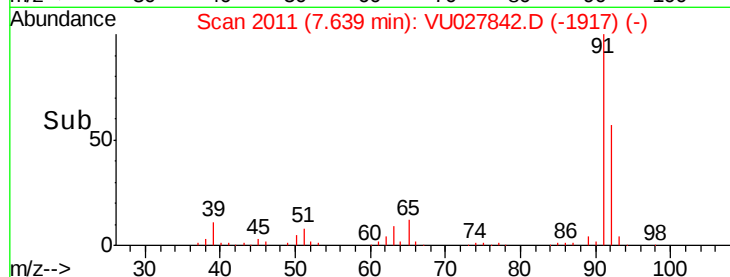
60000

40000

20000

0

Time-->



#51

Chlorobenzene

Concen: 47.897 ug/L

RT: 9.12 min Scan# 2471

Delta R.T. -0.00 min

Lab File: VU027842.D

Acq: 26 Oct 2018 18:33

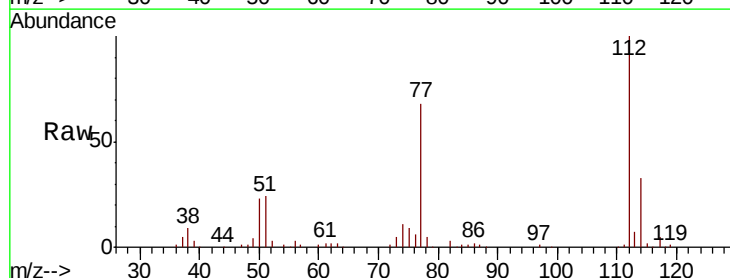
Tgt Ion: 112 Resp: 102740

Ion Ratio Lower Upper

112 100

114 33.2 21.9 40.7

77 67.7 52.2 78.2



Abundance Ion 112.00 (111.70 to 112.70): VU027818.D (-2459) (-)

Ion 114.00 (113.70 to 114.70): VU027818.D (-2459) (-)

Ion 77.00 (76.70 to 77.70): VU027818.D (-2459) (-)

9.12

80000

60000

40000

20000

0

Time-->

