

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090618\
 Data File : VU026589.D
 Acq On : 06 Sep 2018 20:02
 Operator : MD/SY
 Sample : J4749-08MS
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E5FA9MS

Quant Time: Sep 07 06:44:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 07 05:26:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	154581	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	143231	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	59024	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	55776	58.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	116.48%
7) Chloroethane-d5	1.67	69	49205	56.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	113.76%
11) 1,1-Dichloroethene-d2	2.27	63	102567	47.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.10%
21) 2-Butanone-d5	4.18	46	89139	119.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	119.92%
24) Chloroform-d	4.65	84	96688	53.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.90%
26) 1,2-Dichloroethane-d4	5.31	65	64498	53.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.12%
32) Benzene-d6	5.34	84	192807	58.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	116.80%
36) 1,2-Dichloropropane-d6	6.33	67	66978	59.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	118.12%
41) Toluene-d8	7.57	98	171578	53.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.68%
43) trans-1,3-Dichloropropene-	7.85	79	28460	54.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	109.90%
47) 2-Hexanone-d5	8.31	63	64033	123.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	123.11%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	90597	54.22	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.44%
64) 1,2-Dichlorobenzene-d4	11.86	152	63283	59.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	118.18%

Target Compounds

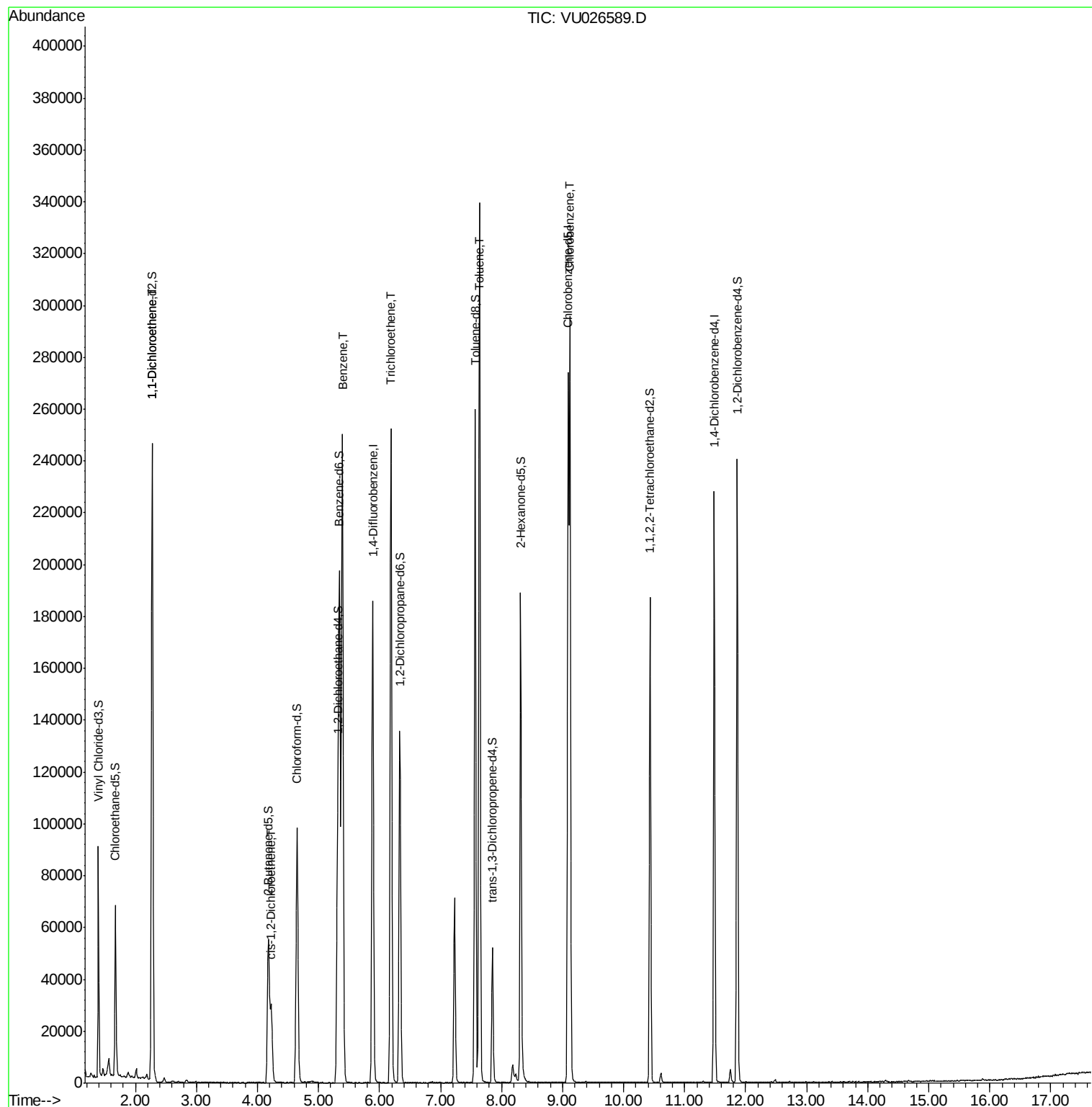
						Ovalue
12) 1,1-Dichloroethene	2.28	96	53209	48.22	ug/L	85
20) cis-1,2-Dichloroethene	4.23	96	14379	12.86	ug/L	98
33) Benzene	5.39	78	243127	59.21	ug/L	100
34) Trichloroethene	6.19	95	86100	83.59	ug/L	97
42) Toluene	7.64	91	241437	56.35	ug/L	97
51) Chlorobenzene	9.12	112	152760	53.31	ug/L	99

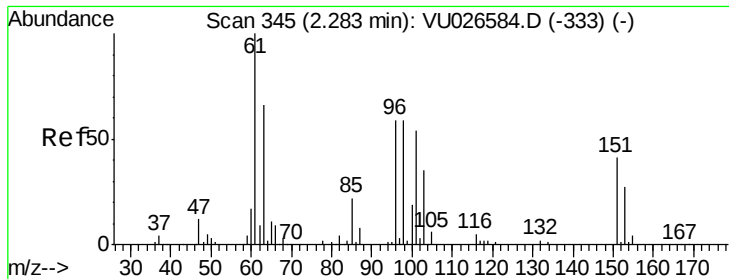
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 48.22 ug/L

RT: 2.28 min Scan# 345

Delta R.T. 0.00 min

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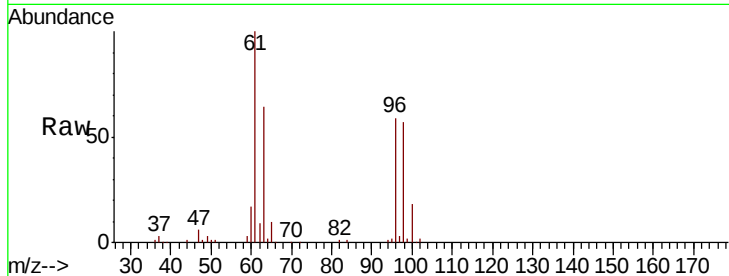
Tot Ion: 96 Resp: 53209

Ion Ratio Lower Upper

96 100

61 168.4 129.3 240.1

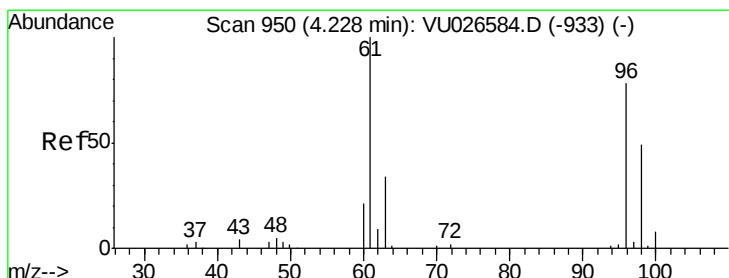
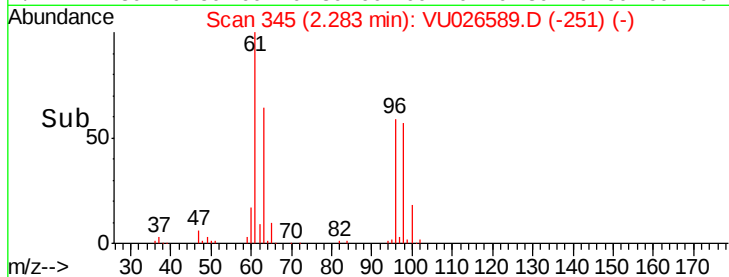
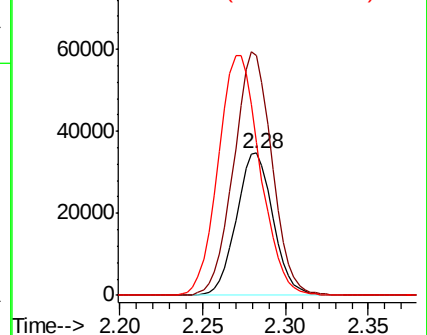
63 107.2 91.7 170.3



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0



#20

cis-1,2-Dichloroethene

Concen: 12.86 ug/L

RT: 4.23 min Scan# 950

Delta R.T. 0.00 min

Lab File: VU026589.D

Acq: 06 Sep 2018 20:02

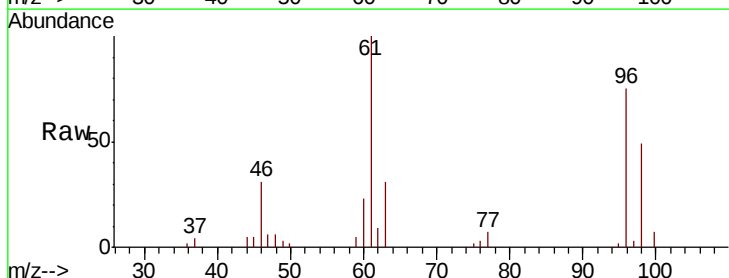
Tgt Ion: 96 Resp: 14379

Ion Ratio Lower Upper

96 100

61 133.6 91.6 170.2

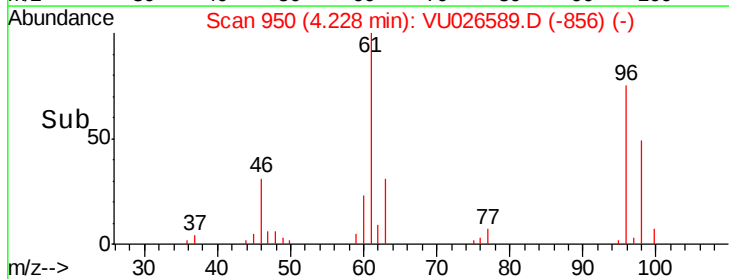
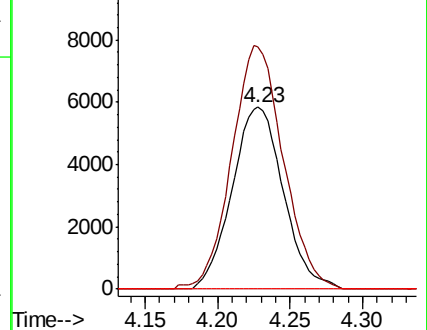
68 0.0 0.0 0.0

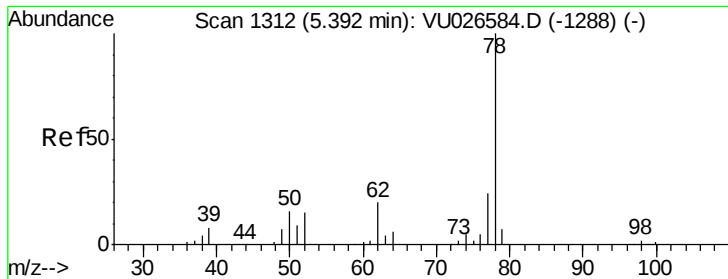


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0





#33

Benzene

Concen: 59.21 ug/L

RT: 5.39 min Scan# 1312

Delta R.T. 0.00 min

Lab File: VU026589.D

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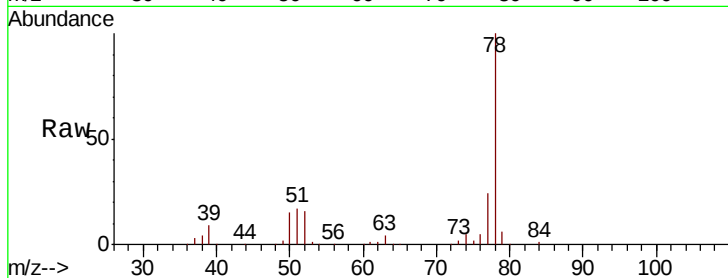
Instrument :

MSVOA_U

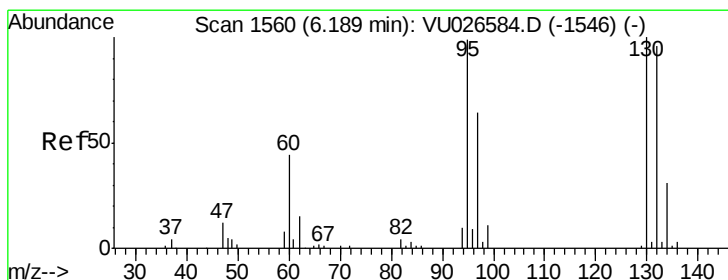
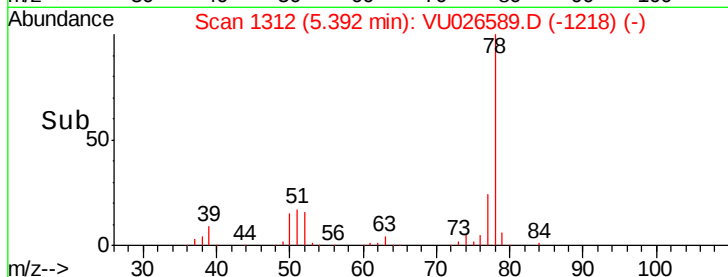
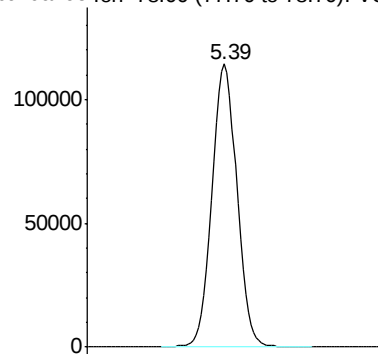
ClientSampleId :

E5FA9MS

Tgt Ion: 78 Resp: 243127



Abundance Ion 78.00 (77.70 to 78.70): VU0



#34

Trichloroethene

Concen: 83.59 ug/L

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU026589.D

Acq: 06 Sep 2018 20:02

Tgt Ion: 95 Resp: 86100

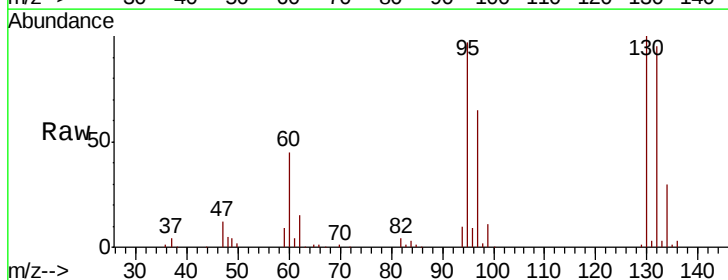
Ion	Ratio	Lower	Upper
95	100		
97	66.6	45.1	83.7
132	98.3	67.5	125.3
130	103.0	69.3	128.7

95 100

97 66.6 45.1 83.7

132 98.3 67.5 125.3

130 103.0 69.3 128.7

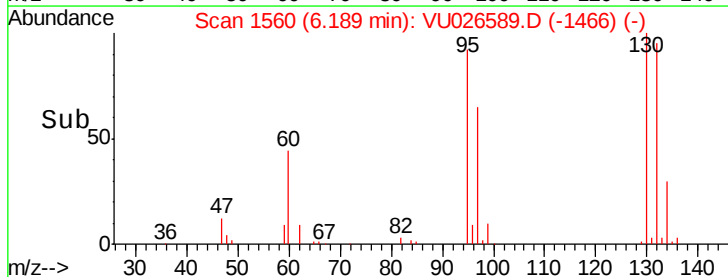
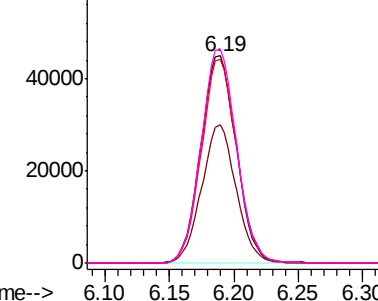


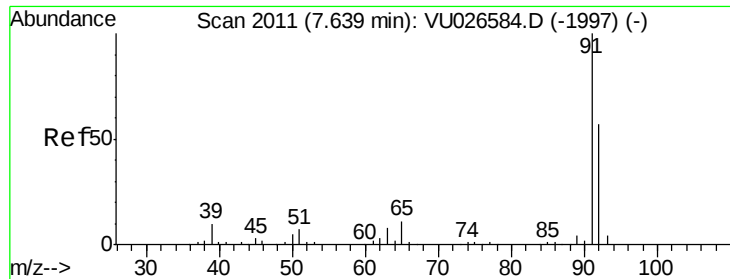
Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 56.35 ug/L

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU026589.D

Acq: 06 Sep 2018 20:02

Instrument :

MSVOA_U

ClientSampleId :

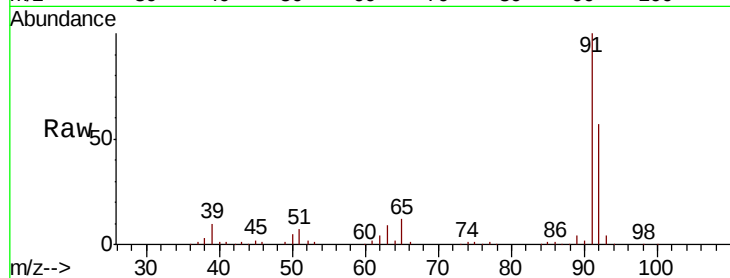
E5FA9MS

Tot Ion: 91 Resp: 241437

Ion Ratio Lower Upper

91 100

92 57.3 38.7 71.9



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0

7.64

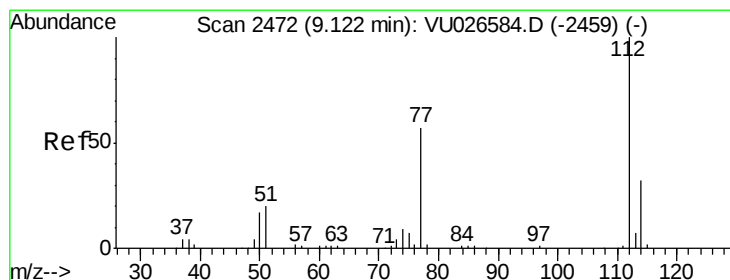
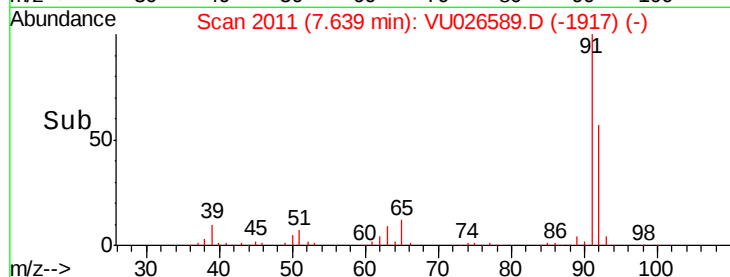
150000

100000

50000

0

Time-->



#51

Chlorobenzene

Concen: 53.31 ug/L

RT: 9.12 min Scan# 2472

Delta R.T. 0.00 min

Lab File: VU026589.D

Acq: 06 Sep 2018 20:02

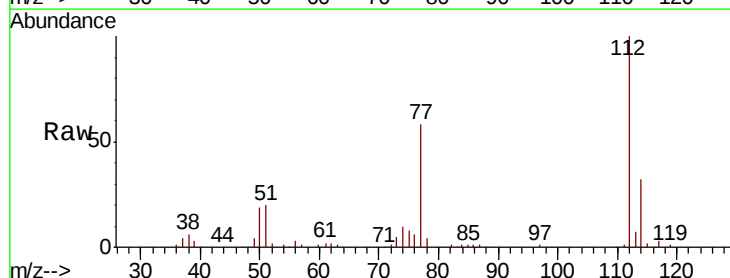
Tgt Ion: 112 Resp: 152760

Ion Ratio Lower Upper

112 100

114 32.3 23.2 43.2

77 58.3 47.3 70.9



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

9.12

120000

100000

80000

60000

40000

20000

0

Time-->

