

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090618\
 Data File : VU026590.D
 Acq On : 06 Sep 2018 20:25
 Operator : MD/SY
 Sample : J4749-09MSD
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E5FA9MSD

Quant Time: Sep 07 06:46:24 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	157003	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	144113	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	58810	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	55823	57.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	114.78%
7) Chloroethane-d5	1.67	69	50445	57.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	114.84%
11) 1,1-Dichloroethene-d2	2.27	63	111595	50.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.88%
21) 2-Butanone-d5	4.18	46	90292	119.59	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	119.59%
24) Chloroform-d	4.65	84	96755	52.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.32%
26) 1,2-Dichloroethane-d4	5.31	65	66557	54.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.82%
32) Benzene-d6	5.34	84	195151	58.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	117.50%
36) 1,2-Dichloropropane-d6	6.33	67	67932	59.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	119.06%
41) Toluene-d8	7.57	98	171174	53.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.76%
43) trans-1,3-Dichloropropene-	7.85	79	28622	54.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	109.86%
47) 2-Hexanone-d5	8.31	63	66140	126.38	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	126.38%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	91772	54.59	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.18%
64) 1,2-Dichlorobenzene-d4	11.86	152	62782	58.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	117.68%

Target Compounds

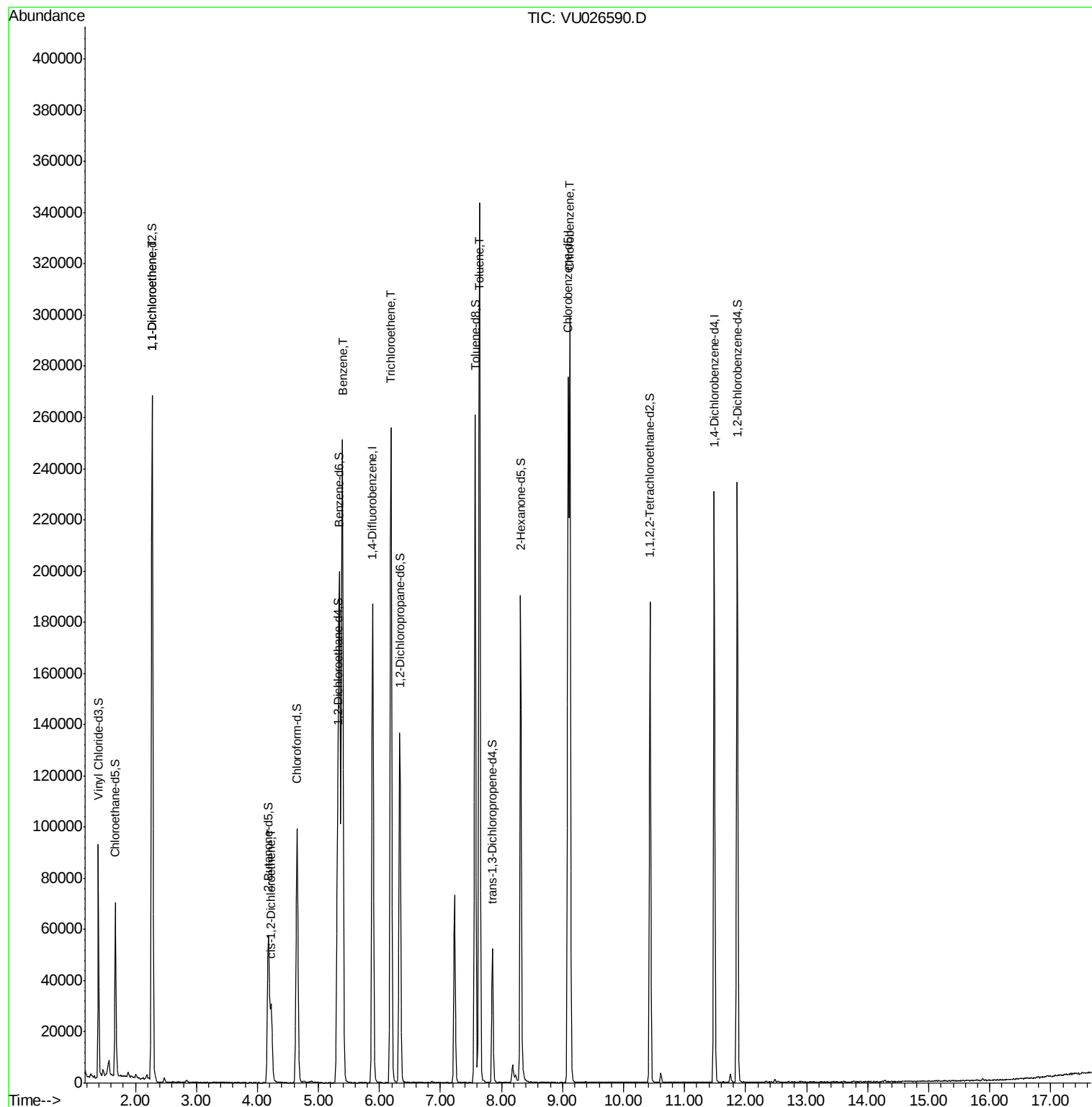
					Ovalue
12) 1,1-Dichloroethene	2.28	96	56650	50.55	ug/L 96
20) cis-1,2-Dichloroethene	4.23	96	14920	13.14	ug/L 97
33) Benzene	5.39	78	246620	59.69	ug/L 100
34) Trichloroethene	6.19	95	87099	84.05	ug/L 98
42) Toluene	7.64	91	248594	57.66	ug/L 99
51) Chlorobenzene	9.12	112	153754	53.33	ug/L 99

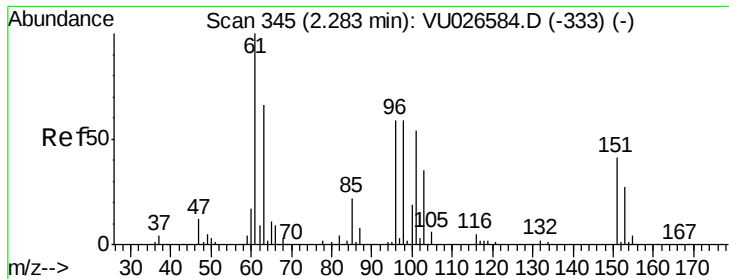
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 50.55 ug/L

RT: 2.28 min Scan# 344

Delta R.T. -0.00 min

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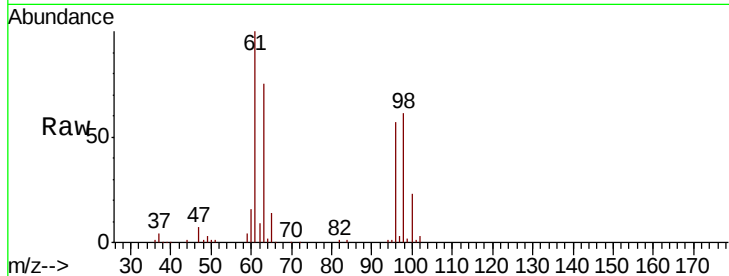
Tot Ion: 96 Resp: 56650

Ion Ratio Lower Upper

96 100

61 174.3 129.3 240.1

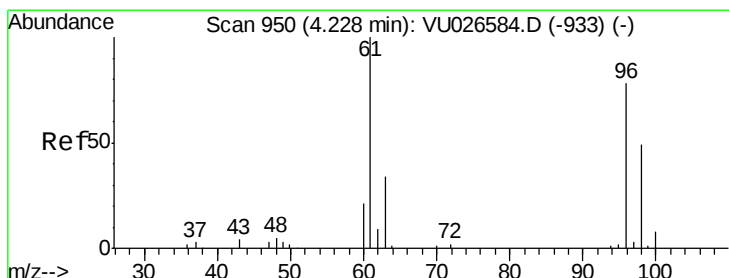
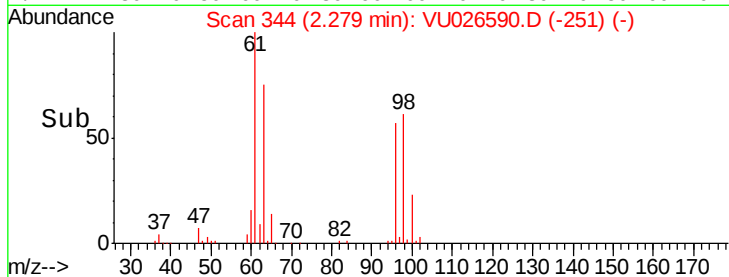
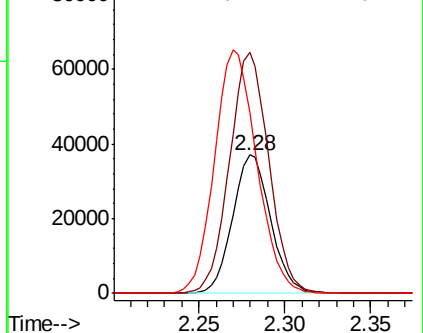
63 131.1 91.7 170.3



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: 13.14 ug/L

RT: 4.23 min Scan# 951

Delta R.T. 0.00 min

Lab File: VU026590.D

Acq: 06 Sep 2018 20:25

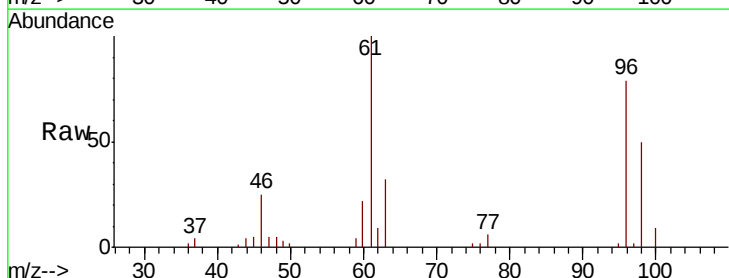
Tgt Ion: 96 Resp: 14920

Ion Ratio Lower Upper

96 100

61 126.9 91.6 170.2

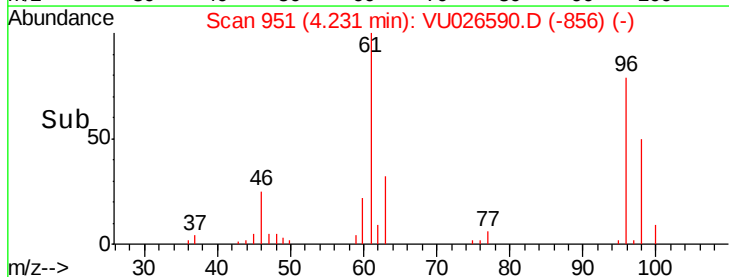
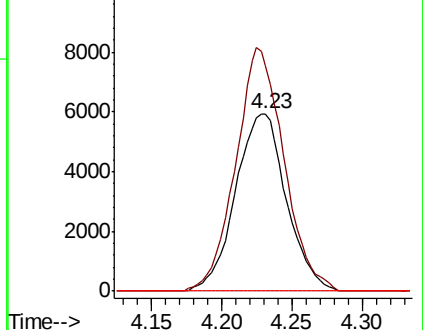
68 0.0 0.0 0.0

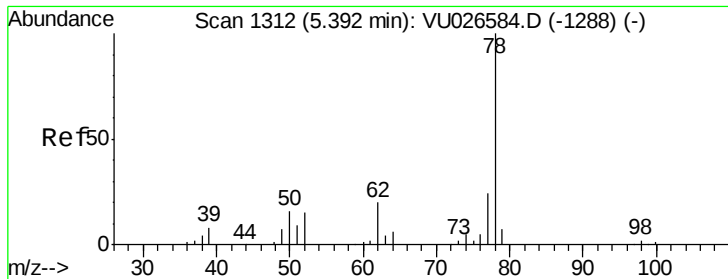


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0





#33

Benzene

Concen: 59.69 ug/L

RT: 5.39 min Scan# 1312

Delta R.T. 0.00 min

Lab File: VU026590.D

Acq: 06 Sep 2018 20:25

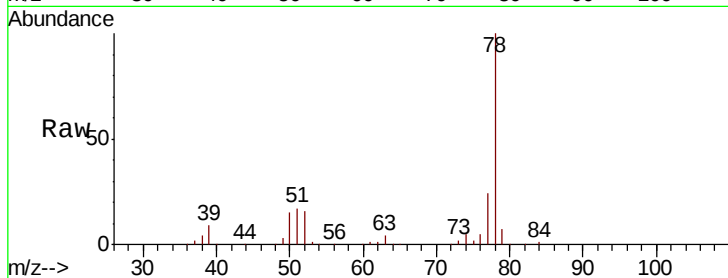
Instrument :

MSVOA_U

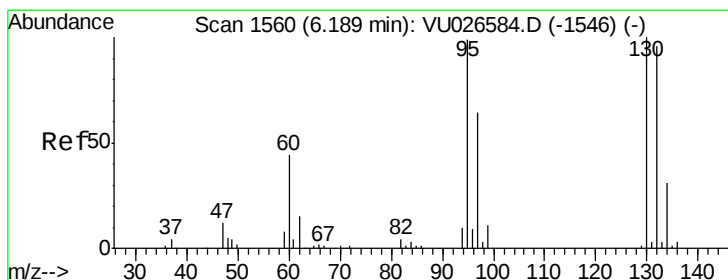
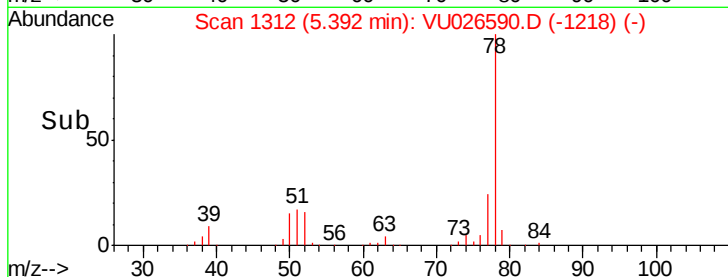
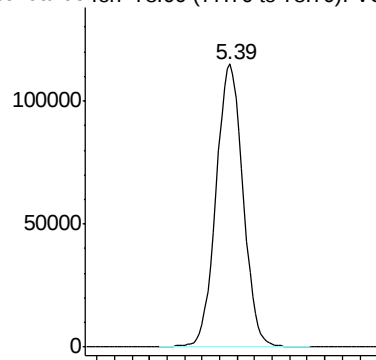
ClientSampleId :

E5FA9MSD

Tgt Ion: 78 Resp: 246620



Abundance Ion 78.00 (77.70 to 78.70): VU0



#34

Trichloroethene

Concen: 84.05 ug/L

RT: 6.19 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VU026590.D

Acq: 06 Sep 2018 20:25

Tgt Ion: 95 Resp: 87099

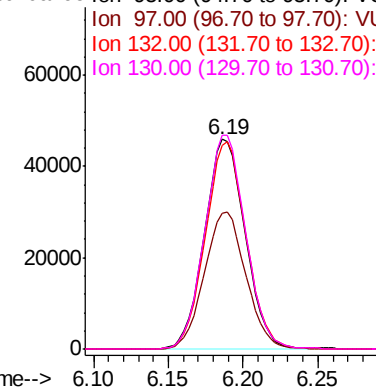
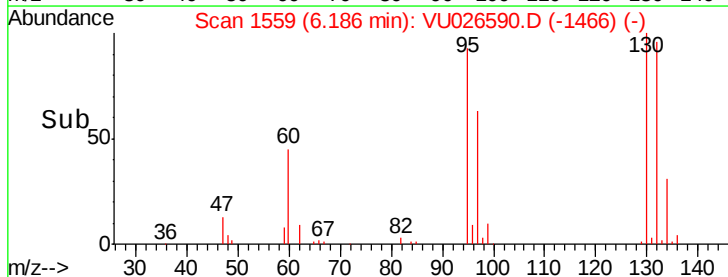
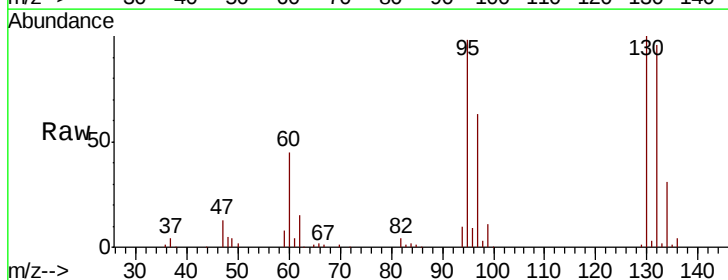
Ion	Ratio	Lower	Upper
95	100		
97	64.6	45.1	83.7
132	97.4	67.5	125.3
130	102.0	69.3	128.7

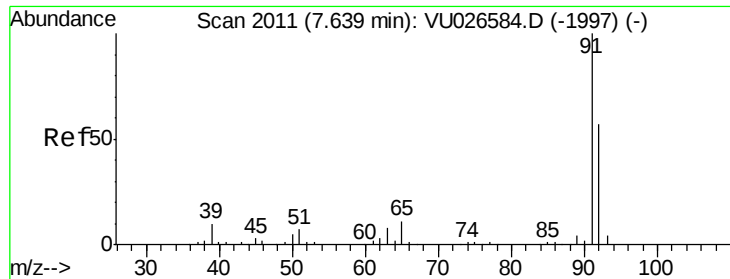
Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 57.66 ug/L

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU026590.D

Acq: 06 Sep 2018 20:25

Instrument :

MSVOA_U

ClientSampleId :

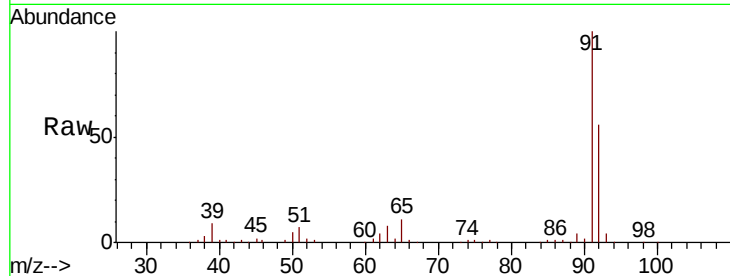
E5FA9MSD

Tot Ion: 91 Resp: 248594

Ion Ratio Lower Upper

91 100

92 56.2 38.7 71.9



Abundance Ion 91.00 (90.70 to 91.70): VU026584.D (-1997) (-)

Ion 92.00 (91.70 to 92.70): VU026590.D (-2378) (-)

7.64

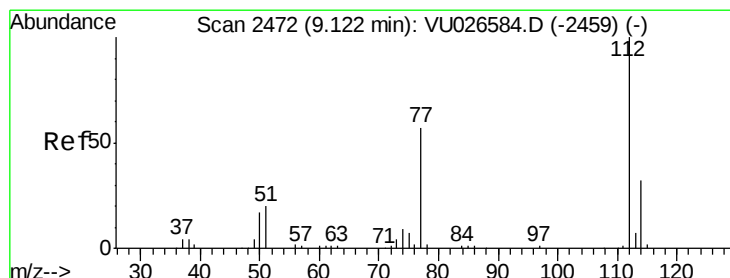
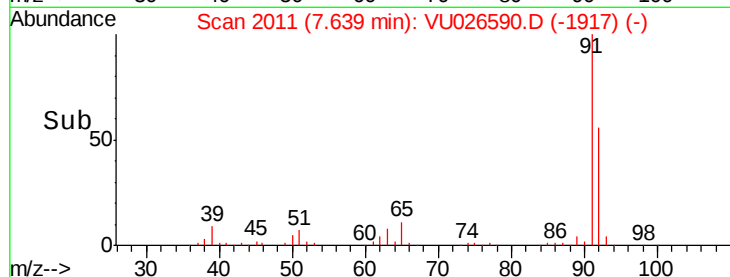
150000

100000

50000

0

Time-->



#51

Chlorobenzene

Concen: 53.33 ug/L

RT: 9.12 min Scan# 2472

Delta R.T. 0.00 min

Lab File: VU026590.D

Acq: 06 Sep 2018 20:25

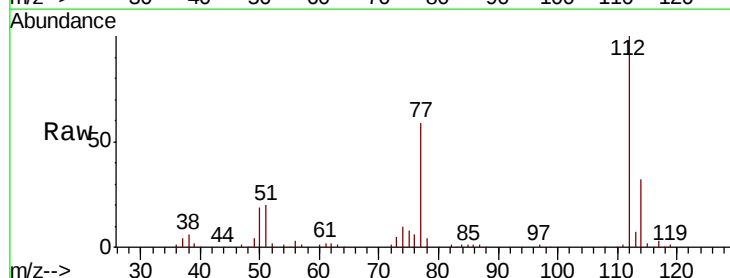
Tgt Ion: 112 Resp: 153754

Ion Ratio Lower Upper

112 100

114 31.9 23.2 43.2

77 58.8 47.3 70.9



Abundance Ion 112.00 (111.70 to 112.70): VU026584.D (-2459) (-)

Ion 114.00 (113.70 to 114.70): VU026590.D (-2378) (-)

Ion 77.00 (76.70 to 77.70): VU026590.D (-2378) (-)

9.12

120000

100000

80000

60000

40000

20000

0

Time-->

