

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021720\
 Data File : VU036812.D
 Acq On : 17 Feb 2020 16:09
 Operator : JC/MD
 Sample : L1540-05MSD
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBD33MSD

Quant Time: Feb 18 01:54:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Feb 18 00:46:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	114639	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	105629	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	40709	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	37908	3.84	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.80%
7) Chloroethane-d5	1.93	69	37817	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.40%
11) 1,1-Dichloroethene-d2	2.59	63	69759	4.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.60%
20) 2-Butanone-d5	4.67	46	104427	50.51	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.02%
24) Chloroform-d	5.11	84	66529	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
26) 1,2-Dichloroethane-d4	5.74	65	41153	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
32) Benzene-d6	5.76	84	151845	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	6.73	67	50686	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.60%
41) Toluene-d8	7.93	98	133973	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
43) trans-1,3-Dichloropropene-	8.21	79	17999	4.54	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.80%
46) 2-Hexanone-d5	8.66	63	87938	48.60	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.20%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	37897	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	40870	5.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.60%

Target Compounds

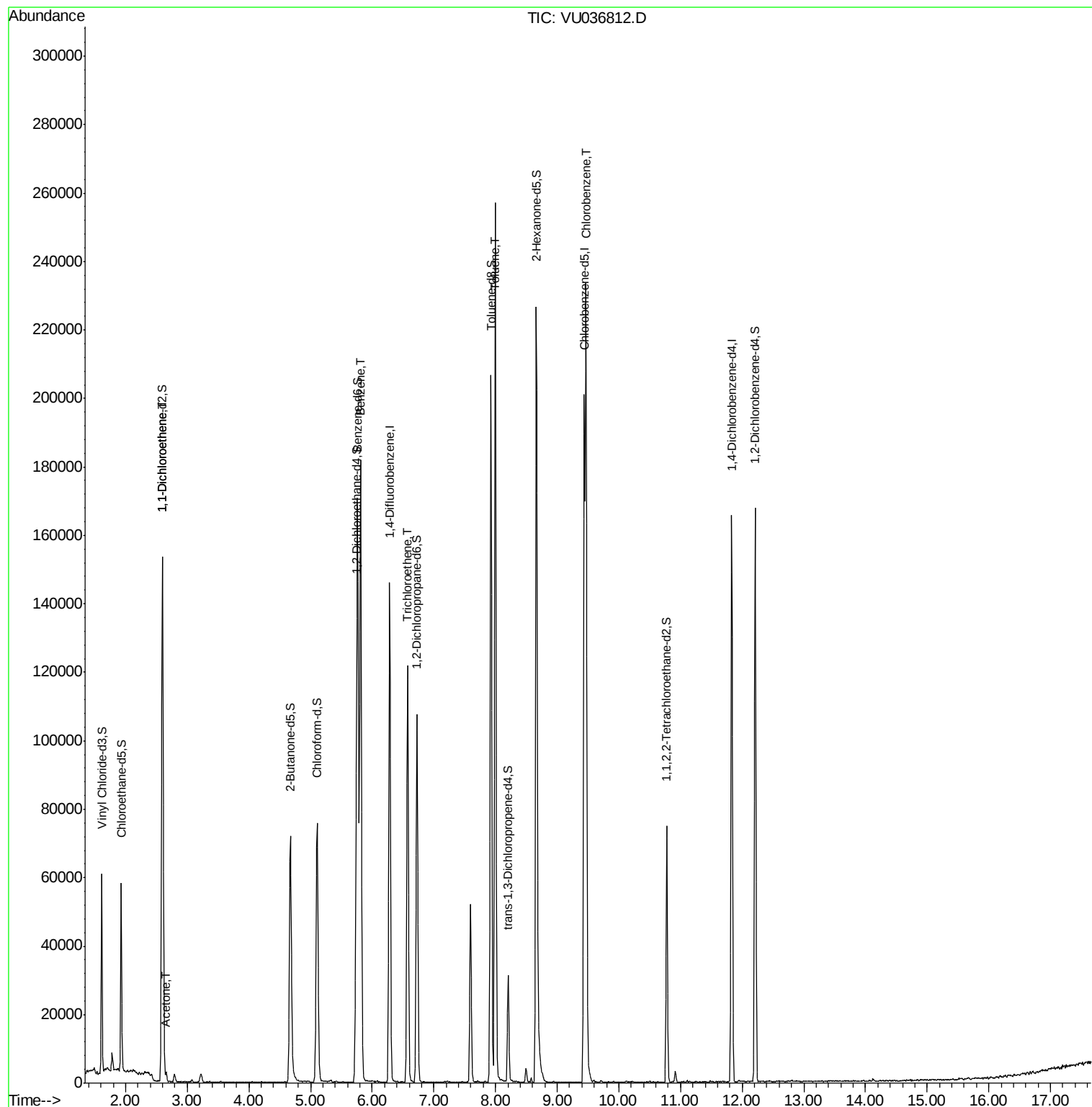
					Ovalue
12) 1,1-Dichloroethene	2.60	96	33225	4.765 ug/L	98
13) Acetone	2.66	43	3116	1.179 ug/L	88
33) Benzene	5.81	78	169961	5.217 ug/L	100
34) Trichloroethene	6.57	95	41094	4.952 ug/L	98
42) Toluene	8.00	91	183863	5.254 ug/L	97
51) Chlorobenzene	9.47	112	114421	5.286 ug/L	98

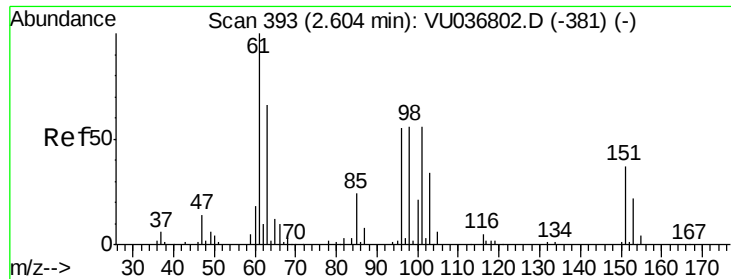
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Feb 18 00:46:02 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 4.765 ug/L

RT: 2.60 min Scan# 393

Delta R.T. 0.00 min

Lab File: VU036812.D

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Instrument :

MSVOA_U

ClientSampleId :

DBD33MSD

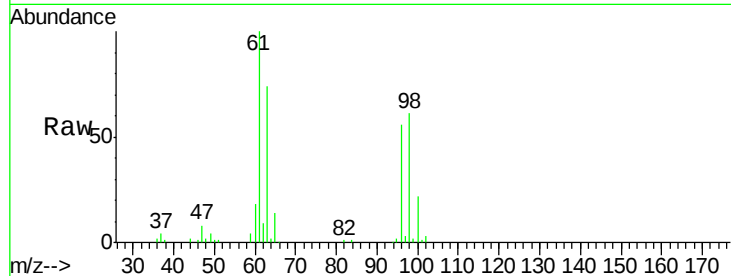
Tot Ion: 96 Resp: 33225

Ion Ratio Lower Upper

96 100

61 178.8 126.4 234.8

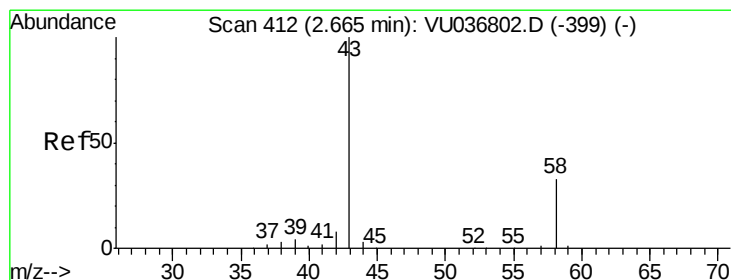
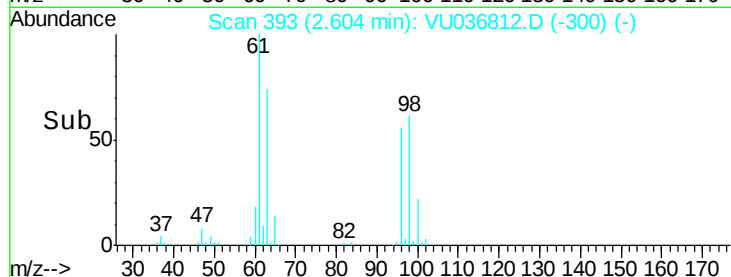
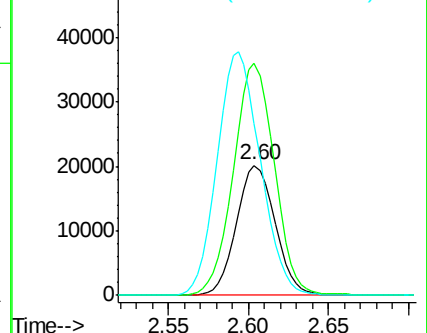
63 132.4 89.5 166.3



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0



#13

Acetone

Concen: 1.179 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.01 min

Lab File: VU036812.D

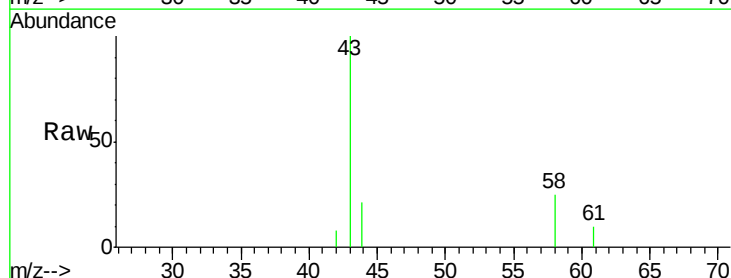
Acq: 17 Feb 2020 16:09

Tgt Ion: 43 Resp: 3116

Ion Ratio Lower Upper

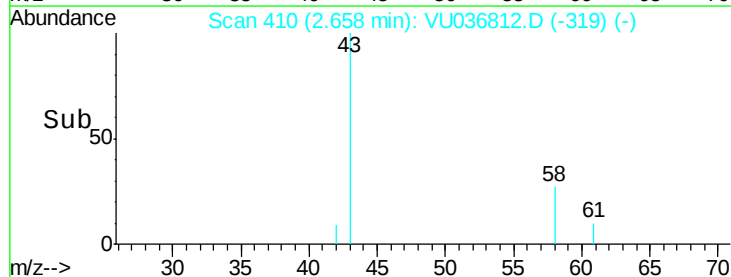
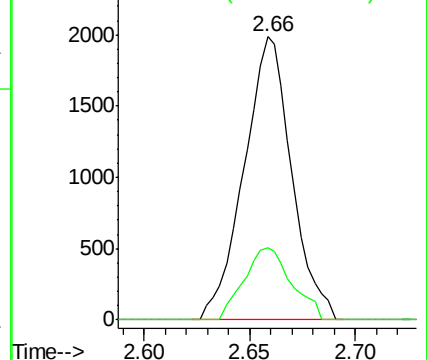
43 100

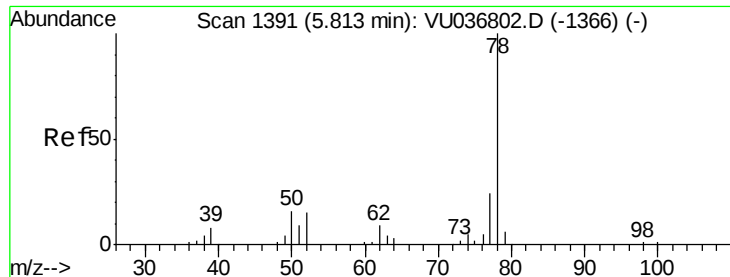
58 25.2 0.0 64.2



Abundance Ion 43.05 (42.75 to 43.75): VU0

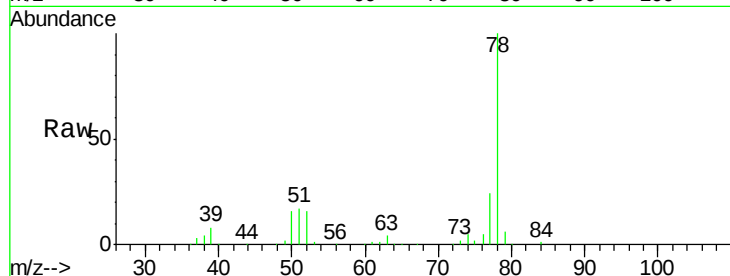
Ion 58.05 (57.75 to 58.75): VU0



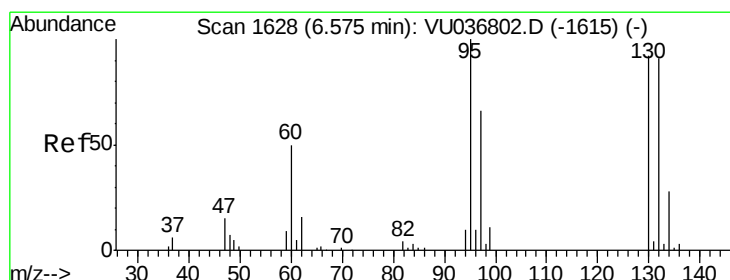
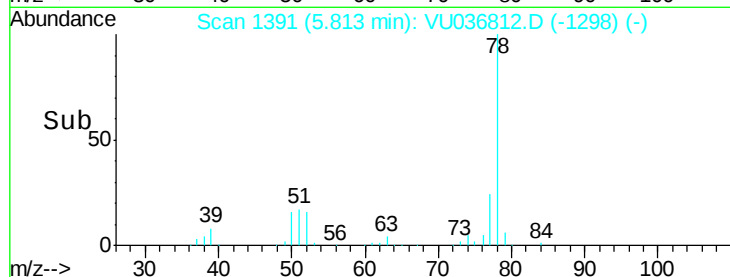
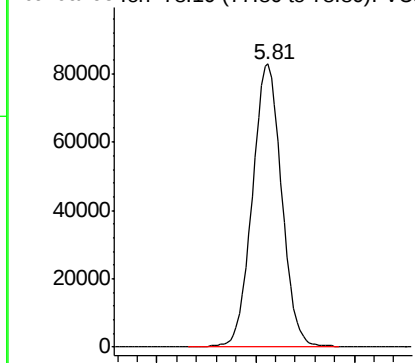


#33
Benzene
Concen: 5.217 ug/L
RT: 5.81 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VU036812.D
Acq: 17 Feb 2020 16:09
Tgt Ion: 78 Resp: 169961

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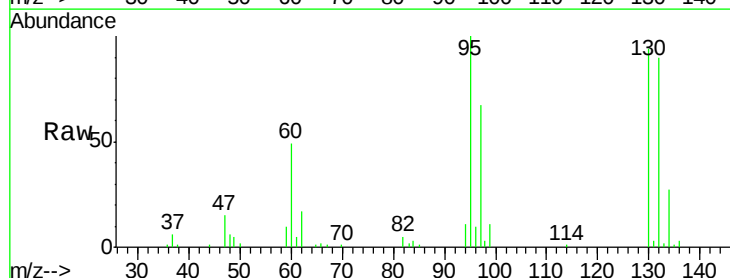


Abundance Ion 78.10 (77.80 to 78.80): VU0



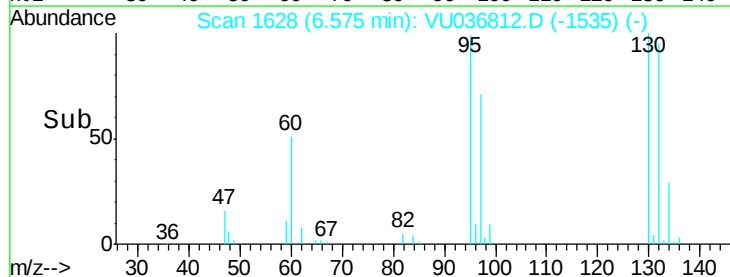
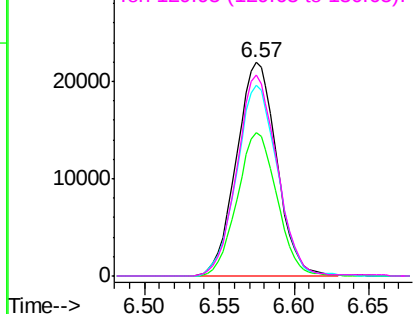
#34
Trichloroethene
Concen: 4.952 ug/L
RT: 6.57 min Scan# 1628
Delta R.T. 0.00 min
Lab File: VU036812.D
Acq: 17 Feb 2020 16:09

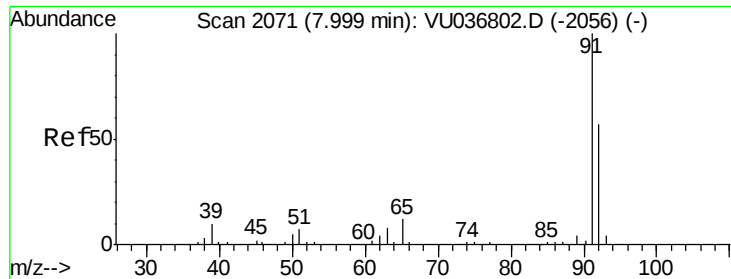
Tgt Ion: 95 Resp: 41094
Ion Ratio Lower Upper
95 100
97 67.1 45.6 84.8
132 89.5 62.8 116.6
130 94.4 63.8 118.4



Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0
Ion 131.95 (131.65 to 132.65): V
Ion 129.95 (129.65 to 130.65): V





#42

Toluene

Concen: 5.254 ug/L

RT: 8.00 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VU036812.D

Acq: 17 Feb 2020 16:09

Instrument :

MSVOA_U

ClientSampleId :

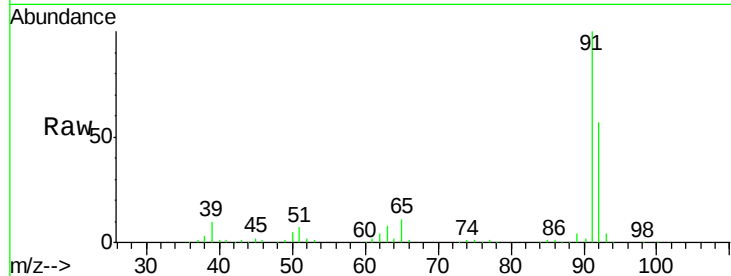
DBD33MSD

Tot Ion: 91 Resp: 183863

Ion Ratio Lower Upper

91 100

92 56.7 41.2 76.4



Abundance Ion 91.15 (90.85 to 91.85): VU036812.D (-1978) (-)

Ion 92.15 (91.85 to 92.85): VU036812.D (-1978) (-)

8.00

120000

100000

80000

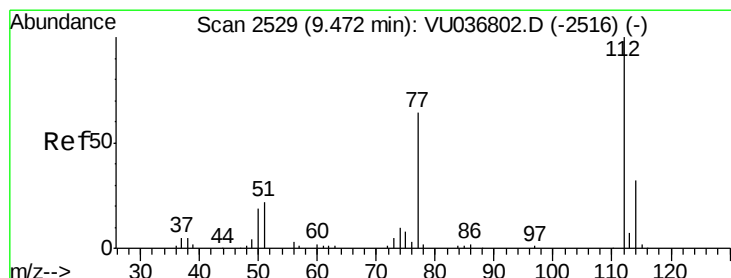
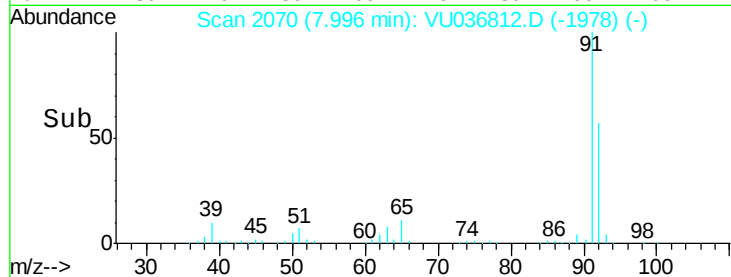
60000

40000

20000

0

Time--> 7.90 7.95 8.00 8.05 8.10



#51

Chlorobenzene

Concen: 5.286 ug/L

RT: 9.47 min Scan# 2528

Delta R.T. -0.00 min

Lab File: VU036812.D

Acq: 17 Feb 2020 16:09

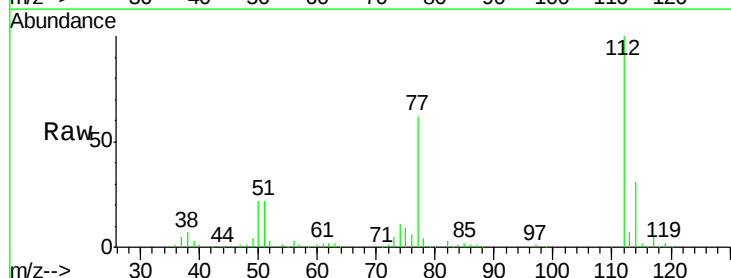
Tgt Ion: 112 Resp: 114421

Ion Ratio Lower Upper

112 100

114 31.3 22.9 42.5

77 62.4 51.0 76.4



Abundance Ion 112.10 (111.80 to 112.80): VU036812.D (-2436) (-)

Ion 114.05 (113.75 to 114.75): VU036812.D (-2436) (-)

Ion 77.10 (76.80 to 77.80): VU036812.D (-2436) (-)

9.47

80000

60000

40000

20000

0

Time--> 9.40 9.45 9.50 9.55

