

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU052218\
 Data File : VU024026.D
 Acq On : 22 May 2018 19:53
 Operator : MD/SY
 Sample : J3043-09MSD
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: May 23 04:25:59 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM051218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 23 02:51:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	282035	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	282293	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	124939	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	85013	32.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.88%
7) Chloroethane-d5	1.67	69	72787	35.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	70.50%
11) 1,1-Dichloroethene-d2	2.27	63	176424	36.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.38%
21) 2-Butanone-d5	4.18	46	194538	106.67	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.67%
24) Chloroform-d	4.65	84	177372	44.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.68%
26) 1,2-Dichloroethane-d4	5.31	65	125978	47.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.74%
32) Benzene-d6	5.35	84	349575	42.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.84%
36) 1,2-Dichloropropane-d6	6.34	67	127924	45.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.92%
41) Toluene-d8	7.57	98	308695	40.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.32%
43) trans-1,3-Dichloropropene-	7.85	79	52014	44.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.86%
47) 2-Hexanone-d5	8.31	63	137159	106.91	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.91%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	187253	47.77	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.54%
64) 1,2-Dichlorobenzene-d4	11.87	152	129889	48.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.28%

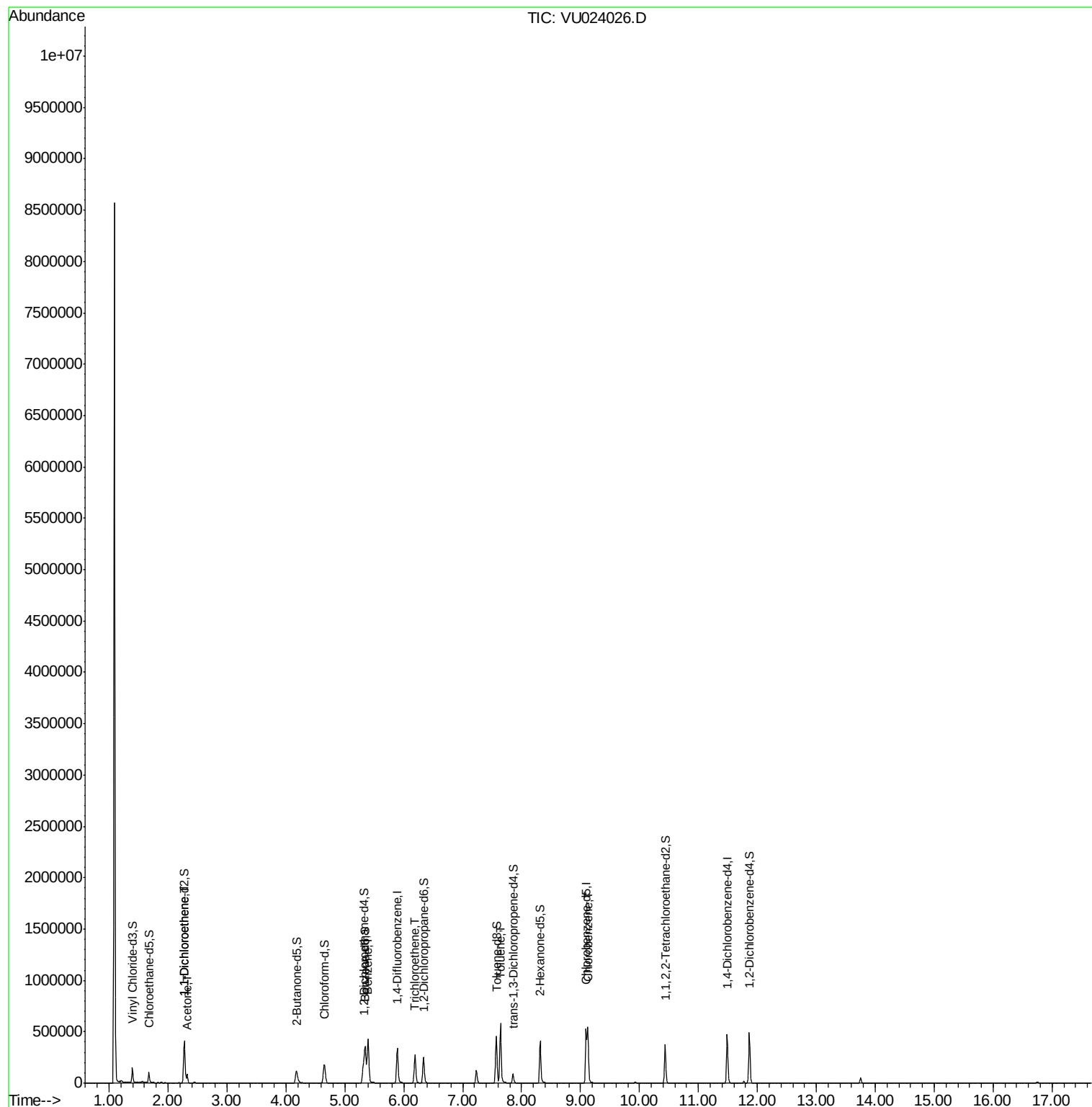
Target Compounds

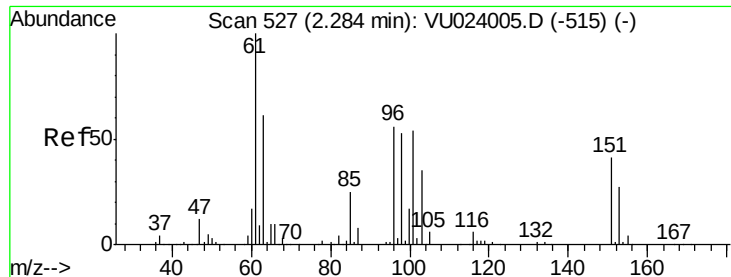
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.28	96	85690	40.68	ug/L	91
13) Acetone	2.32	43	87810	47.80	ug/L	98
33) Benzene	5.39	78	420921	45.32	ug/L	100
34) Trichloroethene	6.19	95	99428	41.97	ug/L	98
42) Toluene	7.64	91	431630	44.60	ug/L	100
51) Chlorobenzene	9.12	112	284543	43.33	ug/L	97

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

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#12

1,1-Dichloroethene

Concen: 40.68 ug/L

RT: 2.28 min Scan# 526

Delta R.T. -0.00 min

Lab File: VU024026.D

Acq: 22 May 2018 19:53

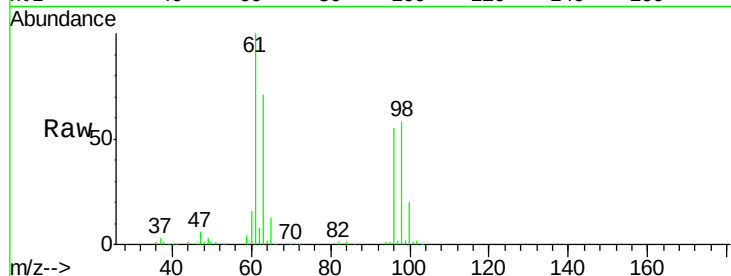
Tot Ion: 96 Resp: 85690

Ion Ratio Lower Upper

96 100

61 183.3 129.5 240.5

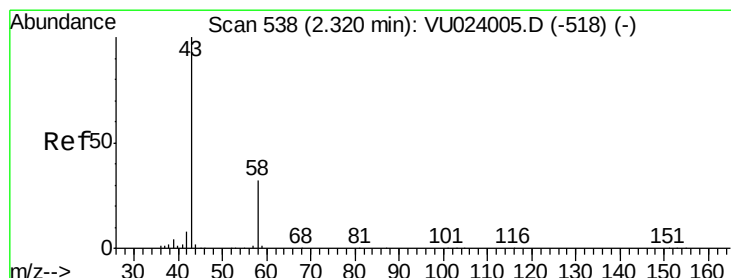
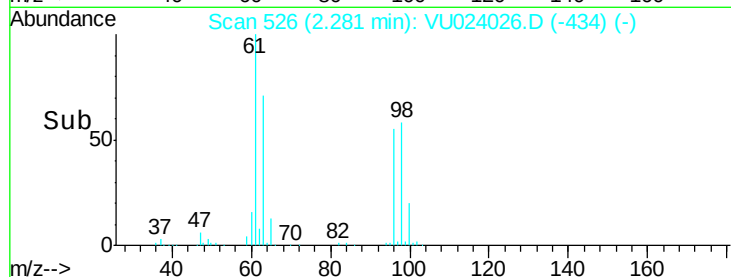
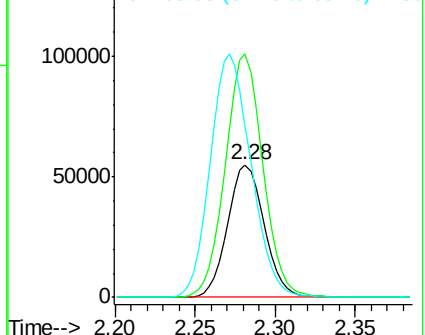
63 129.9 106.9 198.5



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



#13

Acetone

Concen: 47.80 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU024026.D

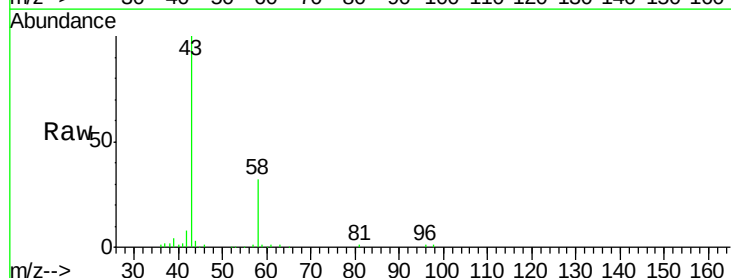
Acq: 22 May 2018 19:53

Tgt Ion: 43 Resp: 87810

Ion Ratio Lower Upper

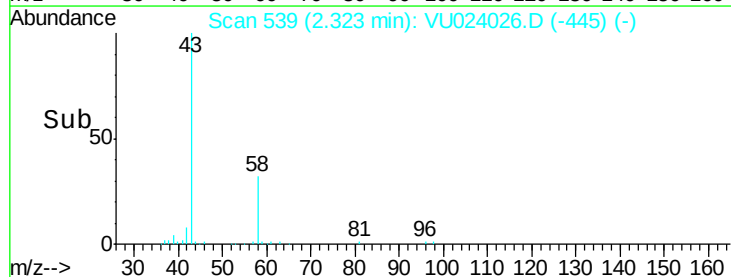
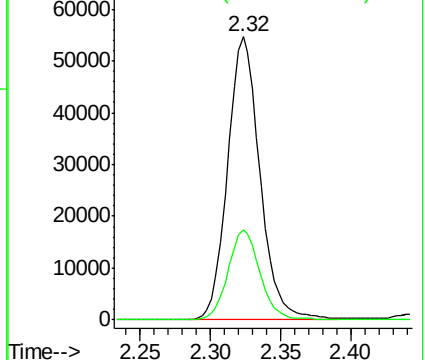
43 100

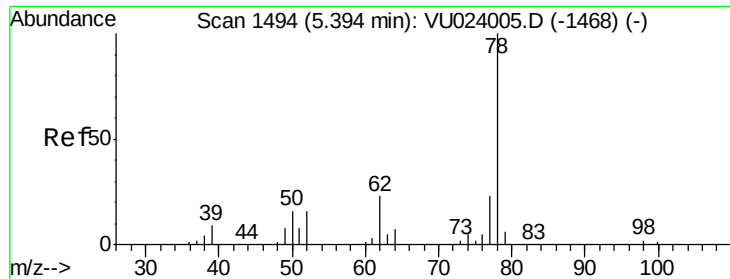
58 31.5 0.0 65.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#33

Benzene

Concen: 45.32 ug/L

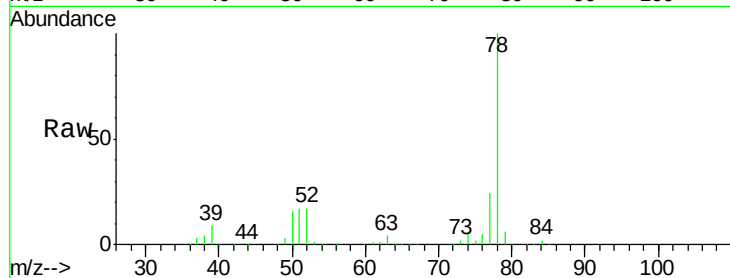
RT: 5.39 min Scan# 1494

Delta R.T. 0.00 min

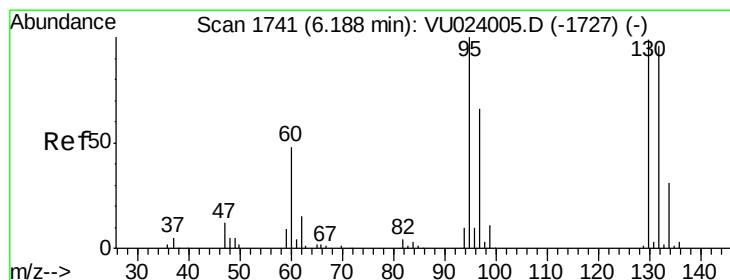
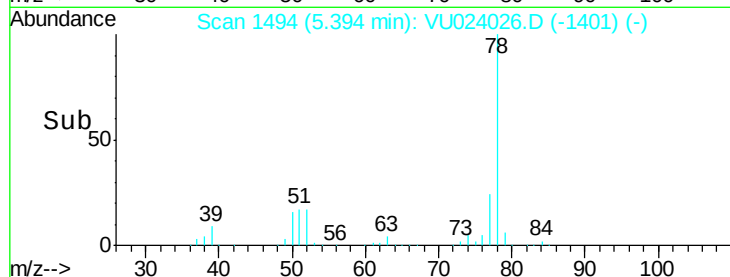
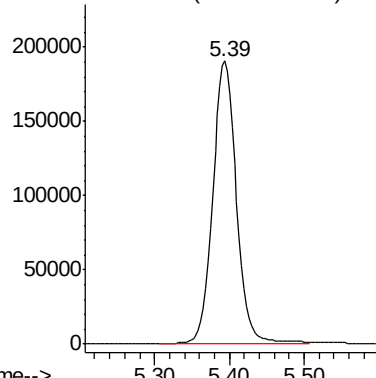
Lab File: VU024026.D

Acq: 22 May 2018 19:53

Tgt Ion: 78 Resp: 420921



Abundance Ion 78.00 (77.70 to 78.70): VU0



#34

Trichloroethene

Concen: 41.97 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU024026.D

Acq: 22 May 2018 19:53

Tgt Ion: 95 Resp: 99428

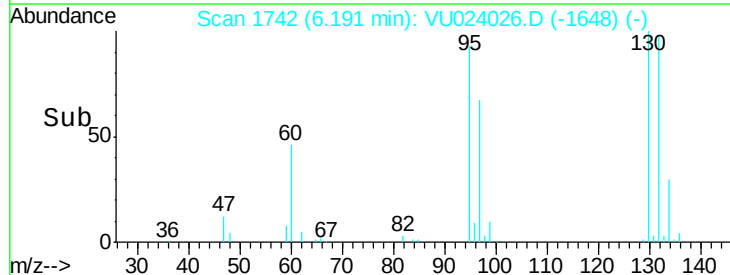
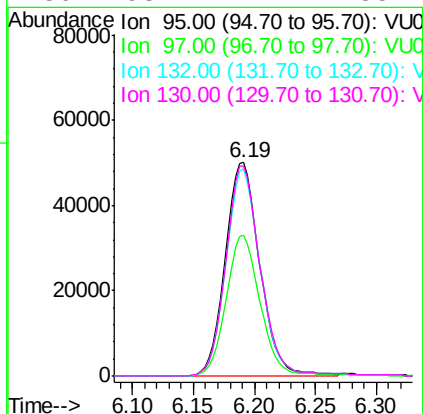
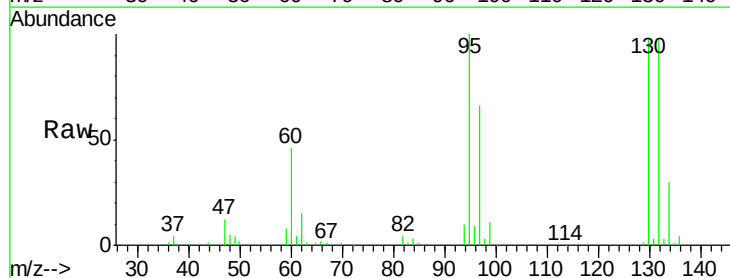
Ion	Ratio	Lower	Upper
95	100		
97	65.7	45.4	84.2
132	96.8	69.0	128.1
130	98.4	71.7	133.1

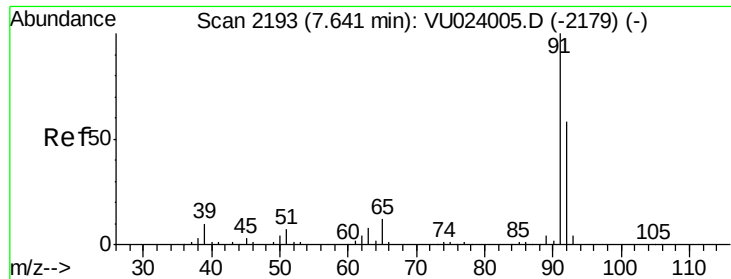
Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 44.60 ug/L

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU024026.D

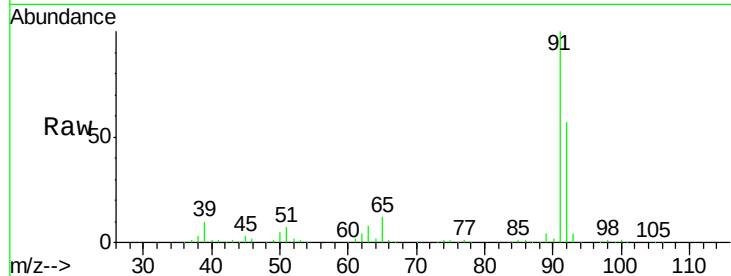
Acq: 22 May 2018 19:53

Tot Ion: 91 Resp: 431630

Ion Ratio Lower Upper

91 100

92 57.3 40.0 74.4



Abundance Ion 91.00 (90.70 to 91.70): VU024005.D (-2179) (-)

Ion 92.00 (91.70 to 92.70): VU024005.D (-2179) (-)

7.64

250000

200000

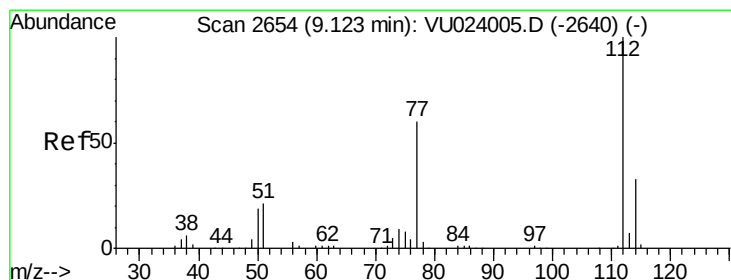
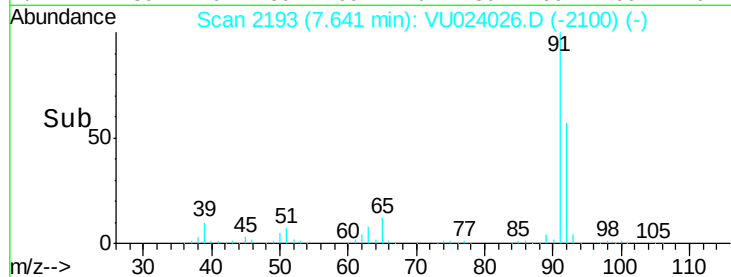
150000

100000

50000

0

Time-->



#51

Chlorobenzene

Concen: 43.33 ug/L

RT: 9.12 min Scan# 2654

Delta R.T. 0.00 min

Lab File: VU024026.D

Acq: 22 May 2018 19:53

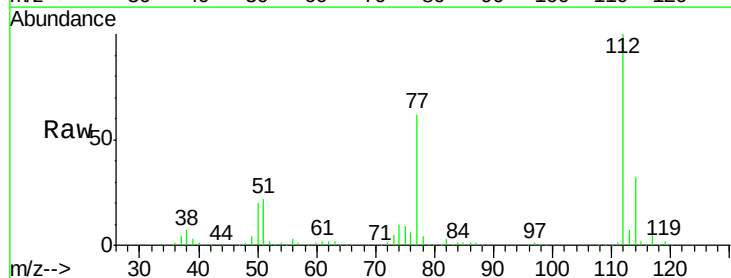
Tgt Ion: 112 Resp: 284543

Ion Ratio Lower Upper

112 100

114 32.3 22.7 42.1

77 61.7 46.7 70.1



Abundance Ion 112.00 (111.70 to 112.70): VU024005.D (-2640) (-)

Ion 114.00 (113.70 to 114.70): VU024005.D (-2640) (-)

Ion 77.00 (76.70 to 77.70): VU024005.D (-2640) (-)

9.12

200000

150000

100000

50000

0

Time-->

