

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU052218\
 Data File : VU024024.D
 Acq On : 22 May 2018 19:02
 Operator : MD/SY
 Sample : J3043-08MS
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: May 23 04:19:55 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	279844	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	274062	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	123899	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	84162	32.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.74%
7) Chloroethane-d5	1.67	69	73519	35.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	71.76%
11) 1,1-Dichloroethene-d2	2.27	63	175075	36.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.38%
21) 2-Butanone-d5	4.18	46	191197	105.66	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.66%
24) Chloroform-d	4.65	84	174659	44.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.02%
26) 1,2-Dichloroethane-d4	5.31	65	124444	47.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.30%
32) Benzene-d6	5.35	84	343866	42.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.96%
36) 1,2-Dichloropropane-d6	6.34	67	126300	46.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.48%
41) Toluene-d8	7.57	98	310209	42.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.18%
43) trans-1,3-Dichloropropene-	7.85	79	52059	45.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.60%
47) 2-Hexanone-d5	8.31	63	137609	110.48	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.48%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	186514	49.01	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.02%
64) 1,2-Dichlorobenzene-d4	11.87	152	132404	49.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.96%

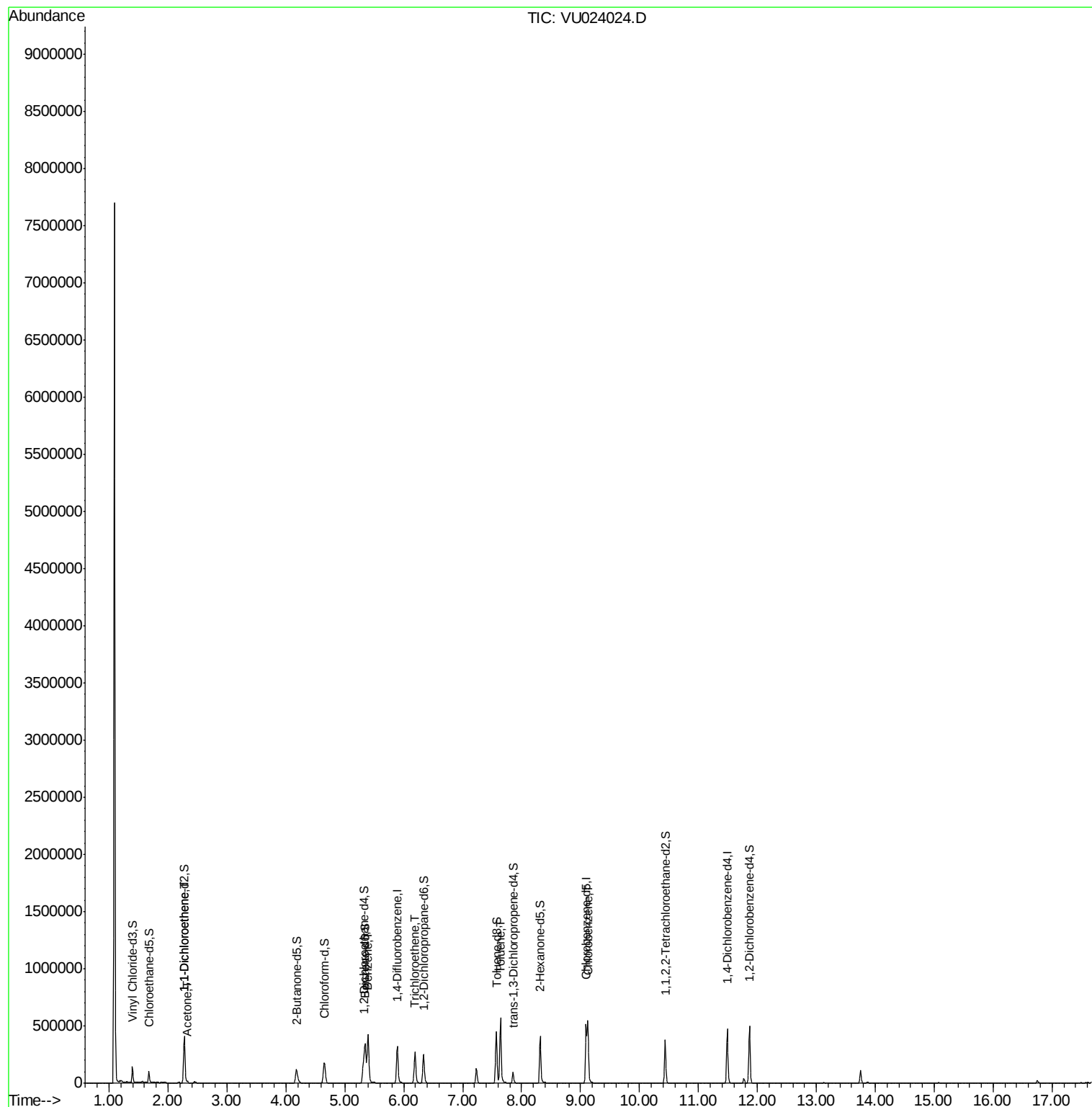
Target Compounds

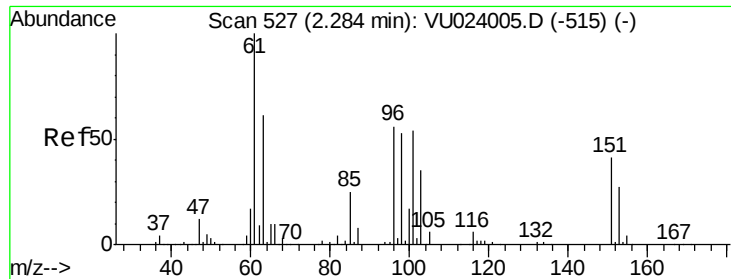
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.28	96	83274	39.84	ug/L	91
13) Acetone	2.32	43	15104	8.29	ug/L	95
33) Benzene	5.39	78	418787	46.45	ug/L	100
34) Trichloroethene	6.19	95	99249	43.16	ug/L	96
42) Toluene	7.64	91	434803	46.27	ug/L	99
51) Chlorobenzene	9.12	112	285865	44.84	ug/L	97

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

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#12

1,1-Dichloroethene

Concen: 39.84 ug/L

RT: 2.28 min Scan# 526

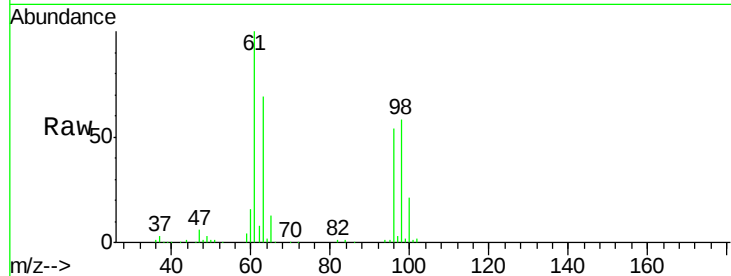
Delta R.T. -0.00 min

Lab File: VU024024.D

Acq: 22 May 2018 19:02

Tot Ion: 96 Resp: 83274

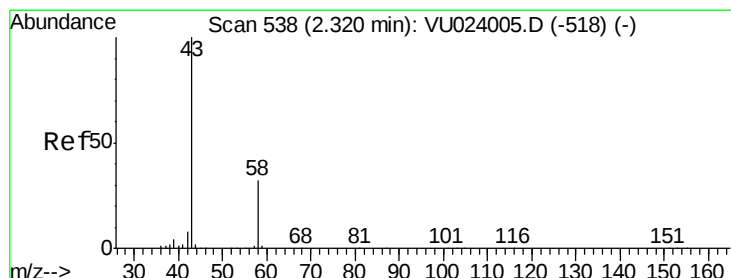
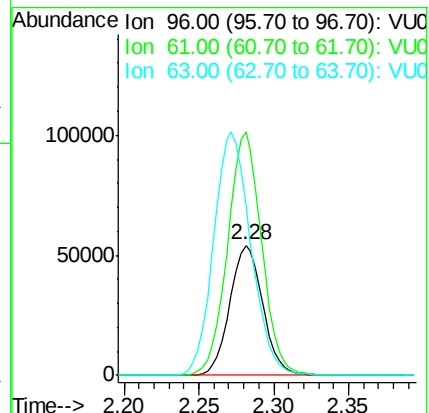
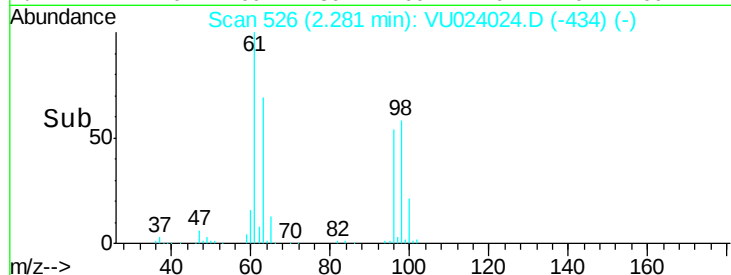
Ion	Ratio	Lower	Upper
96	100		
61	186.8	129.5	240.5
63	129.8	106.9	198.5



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: 8.29 ug/L

RT: 2.32 min Scan# 539

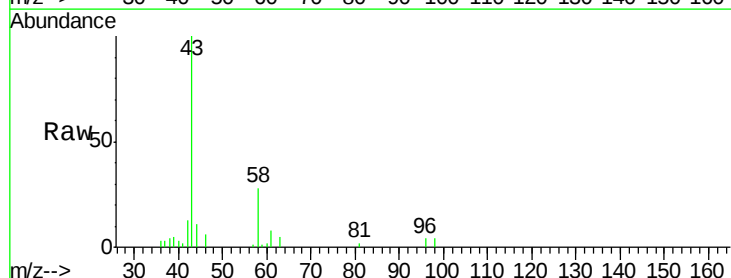
Delta R.T. 0.00 min

Lab File: VU024024.D

Acq: 22 May 2018 19:02

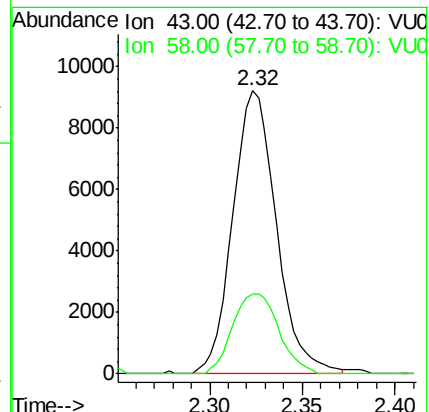
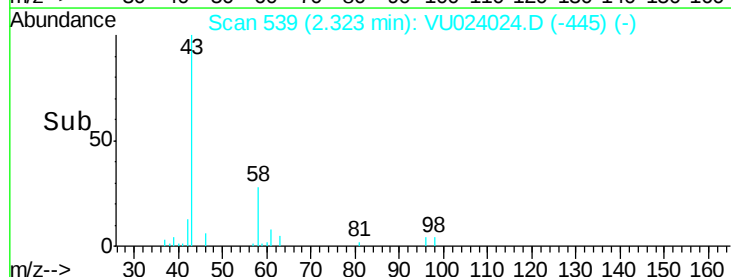
Tgt Ion: 43 Resp: 15104

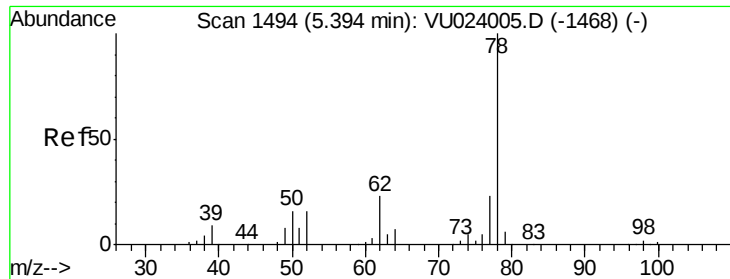
Ion	Ratio	Lower	Upper
43	100		
58	30.0	0.0	65.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#33

Benzene

Concen: 46.45 ug/L

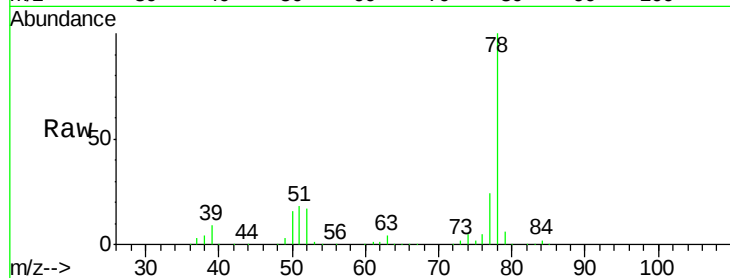
RT: 5.39 min Scan# 1494

Delta R.T. -0.00 min

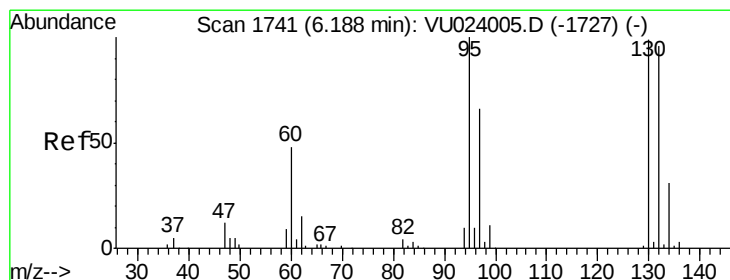
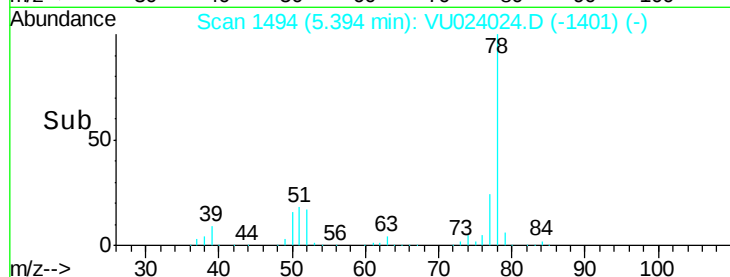
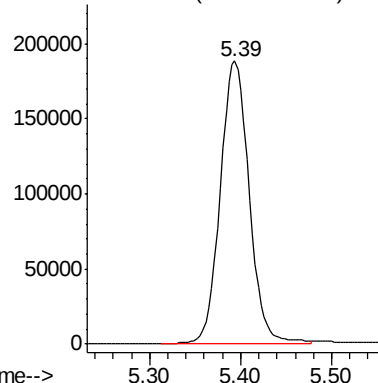
Lab File: VU024024.D

Acq: 22 May 2018 19:02

Tgt Ion: 78 Resp: 418787



Abundance Ion 78.00 (77.70 to 78.70): VU0



#34

Trichloroethene

Concen: 43.16 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU024024.D

Acq: 22 May 2018 19:02

Tgt Ion: 95 Resp: 99249

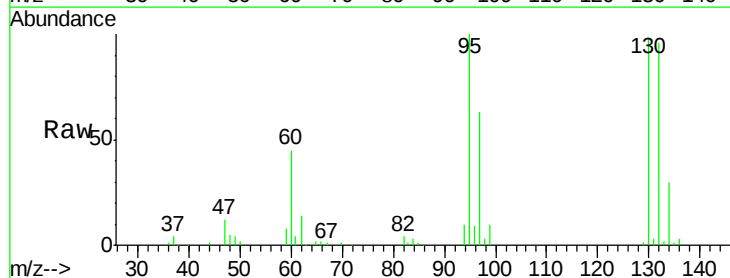
Ion	Ratio	Lower	Upper
95	100		
97	62.6	45.4	84.2
132	95.8	69.0	128.1
130	97.6	71.7	133.1

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): VU0

Ion 130.00 (129.70 to 130.70): VU0

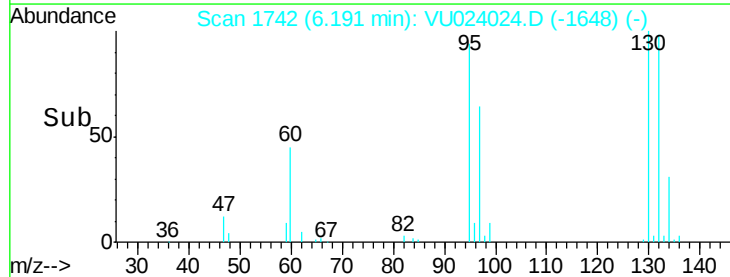
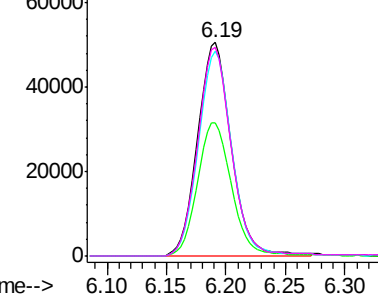


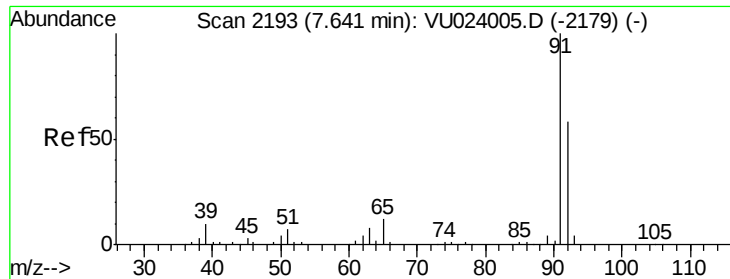
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): VU0

Ion 130.00 (129.70 to 130.70): VU0





#42

Toluene

Concen: 46.27 ug/L

RT: 7.64 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU024024.D

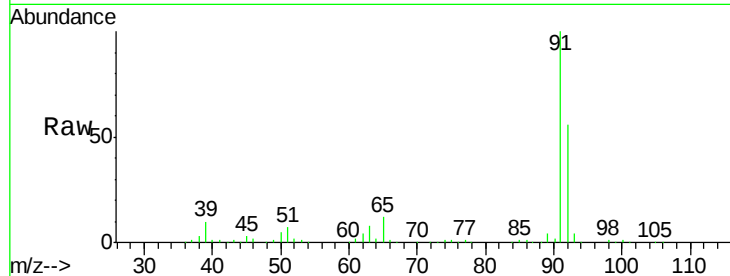
Acq: 22 May 2018 19:02

Tot Ion: 91 Resp: 434803

Ion Ratio Lower Upper

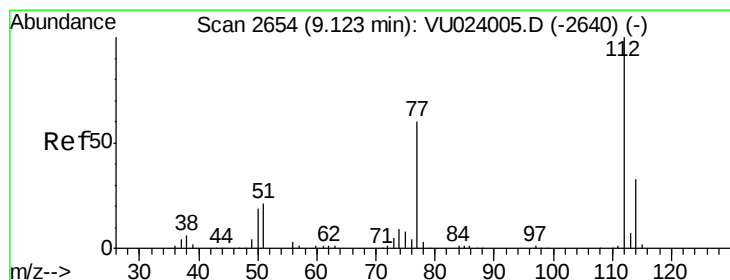
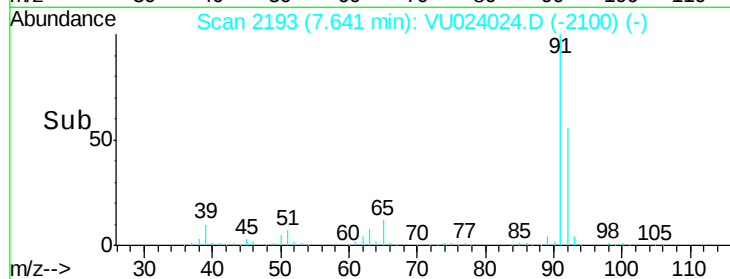
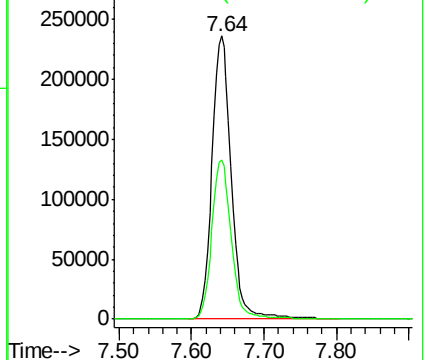
91 100

92 56.4 40.0 74.4



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0



#51

Chlorobenzene

Concen: 44.84 ug/L

RT: 9.12 min Scan# 2654

Delta R.T. -0.00 min

Lab File: VU024024.D

Acq: 22 May 2018 19:02

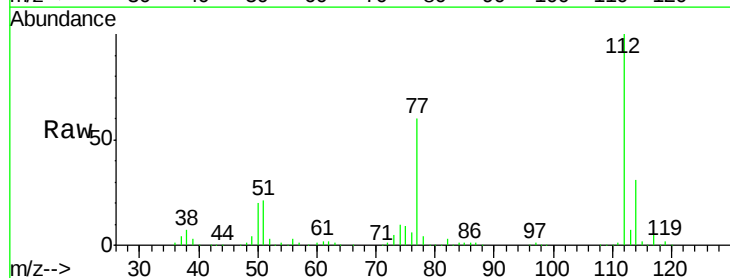
Tgt Ion: 112 Resp: 285865

Ion Ratio Lower Upper

112 100

114 31.1 22.7 42.1

77 60.5 46.7 70.1



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

