

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU052118\
 Data File : VU023991.D
 Acq On : 22 May 2018 01:03
 Operator : MD/SY
 Sample : J3031-09MSD
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Quant Time: May 22 02:27:42 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM051218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 22 02:00:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	275056	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	274497	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	117052	50.00	ug/L	0.00

System Monitoring Compounds

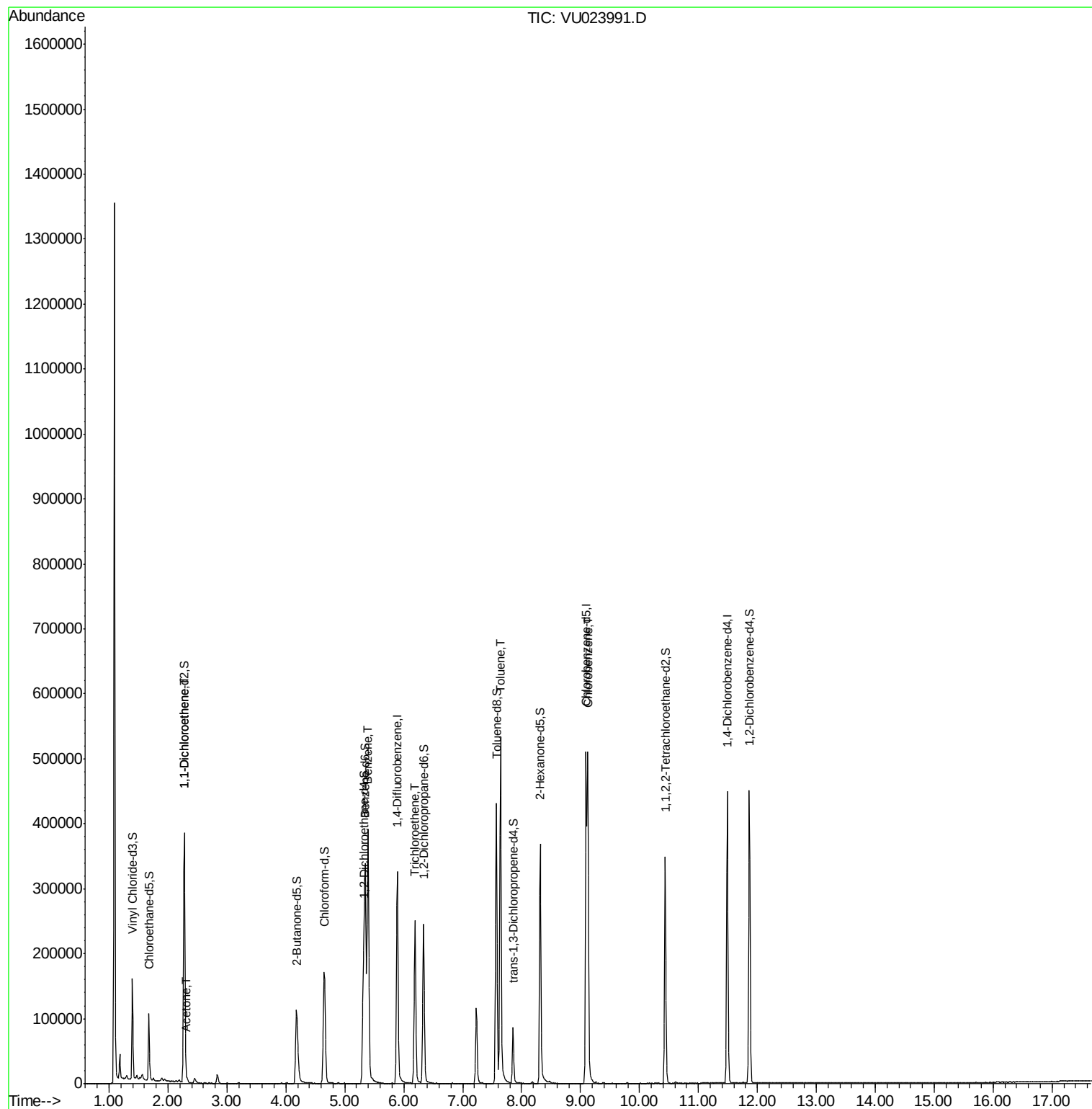
4) Vinyl Chloride-d3	1.40	65	88729	34.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.44%
7) Chloroethane-d5	1.67	69	74092	36.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	73.58%
11) 1,1-Dichloroethene-d2	2.27	63	169411	36.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.26%
21) 2-Butanone-d5	4.18	46	175957	98.93	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.93%
24) Chloroform-d	4.65	84	169045	43.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.66%
26) 1,2-Dichloroethane-d4	5.31	65	119979	46.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.48%
32) Benzene-d6	5.35	84	329490	41.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.24%
36) 1,2-Dichloropropane-d6	6.34	67	123923	45.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.58%
41) Toluene-d8	7.57	98	293221	39.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.44%#
43) trans-1,3-Dichloropropene-	7.85	79	47388	41.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.26%
47) 2-Hexanone-d5	8.31	63	123080	98.66	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.66%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	174012	45.65	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.30%
64) 1,2-Dichlorobenzene-d4	11.87	152	119580	47.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.60%

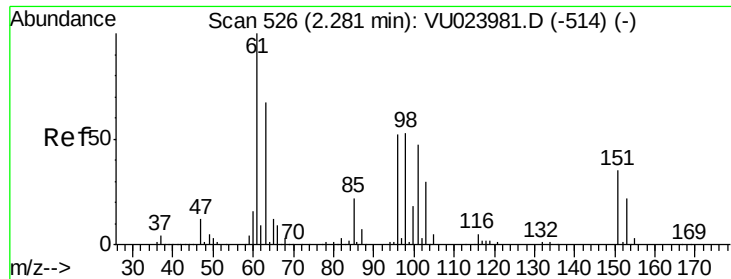
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.28	96	75069	36.54	ug/L	93
13) Acetone	2.32	43	5553	3.10	ug/L	98
33) Benzene	5.39	78	383699	42.49	ug/L	100
34) Trichloroethene	6.19	95	91199	39.59	ug/L	97
42) Toluene	7.64	91	394294	41.90	ug/L	99
51) Chlorobenzene	9.12	112	260328	40.77	ug/L	97

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

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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 31 Sample Multiplier: 1

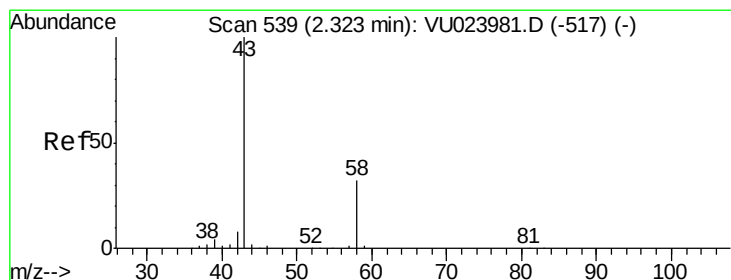
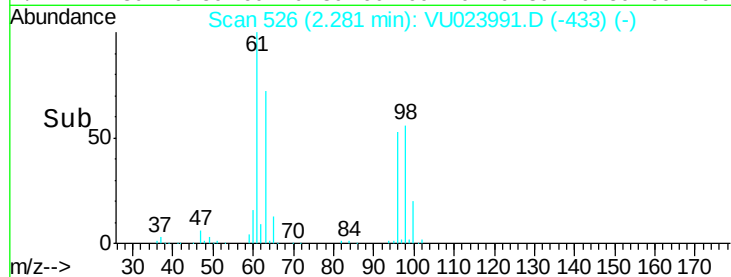
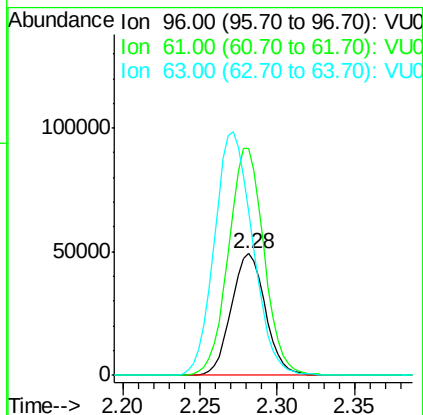
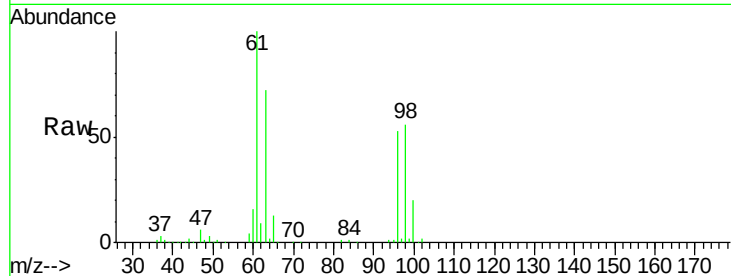
Quant Time: May 22 02:27:42 2018
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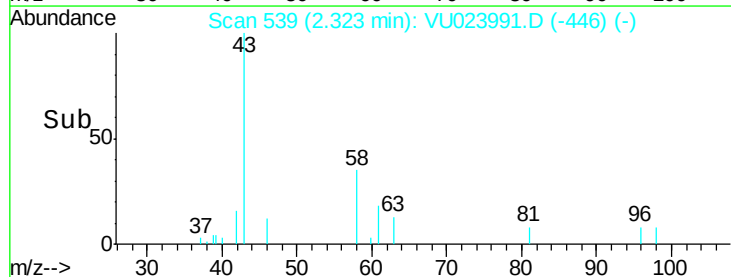
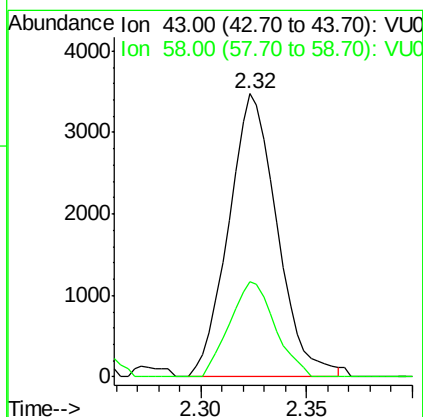
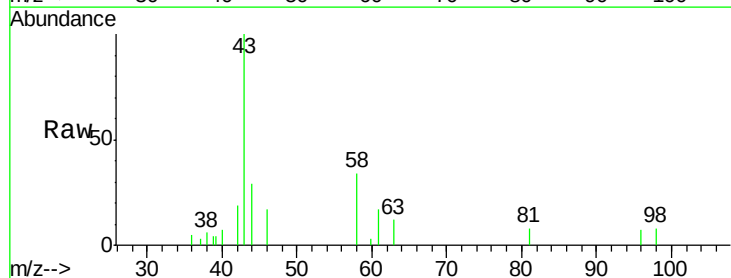
#12
 1,1-Dichloroethene
 Concen: 36.54 ug/L
 RT: 2.28 min Scan# 526
 Delta R.T. -0.00 min
 Lab File: VU023991.D
 Acq: 22 May 2018 01:03

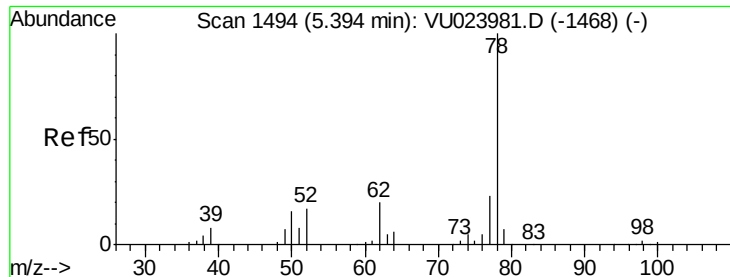
Tot Ion	96	Resp	75069
Ion	Ratio	Lower	Upper
96	100		
61	187.0	129.5	240.5
63	134.9	106.9	198.5



#13
 Acetone
 Concen: 3.10 ug/L
 RT: 2.32 min Scan# 539
 Delta R.T. -0.00 min
 Lab File: VU023991.D
 Acq: 22 May 2018 01:03

Tgt Ion	43	Resp	5553
Ion	Ratio	Lower	Upper
43	100		
58	31.4	0.0	65.6





#33

Benzene

Concen: 42.49 ug/L

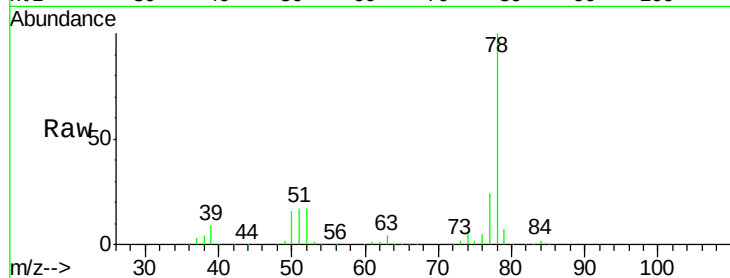
RT: 5.39 min Scan# 1494

Delta R.T. -0.00 min

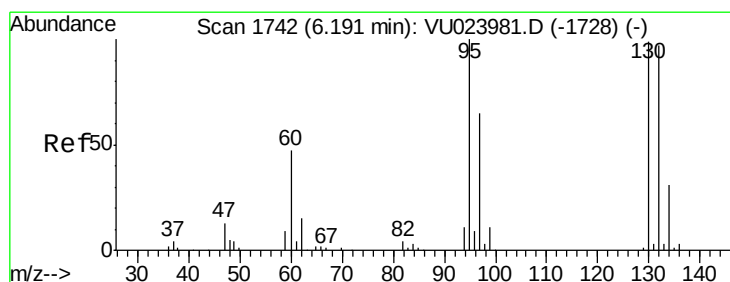
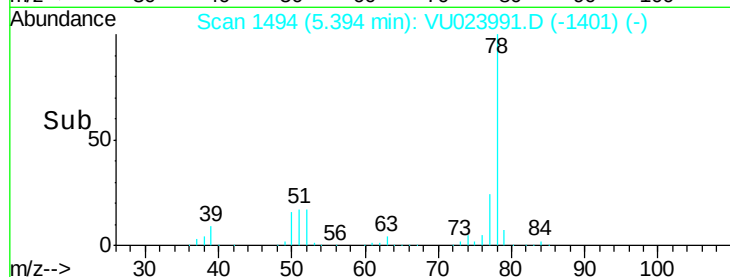
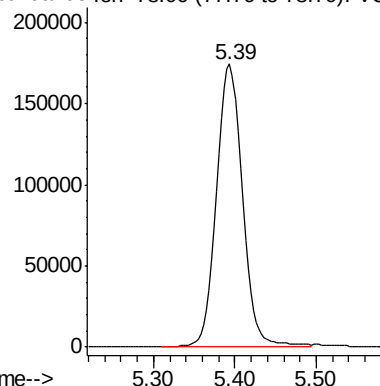
Lab File: VU023991.D

Acq: 22 May 2018 01:03

Tgt Ion: 78 Resp: 383699



Abundance Ion 78.00 (77.70 to 78.70): VU0



#34

Trichloroethene

Concen: 39.59 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VU023991.D

Acq: 22 May 2018 01:03

Tgt Ion: 95 Resp: 91199

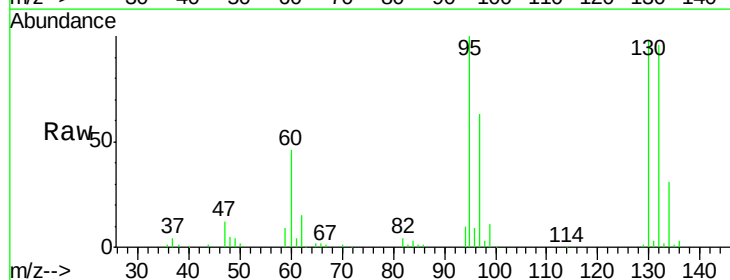
Ion Ratio Lower Upper

95 100

97 63.2 45.4 84.2

132 96.4 69.0 128.1

130 97.7 71.7 133.1

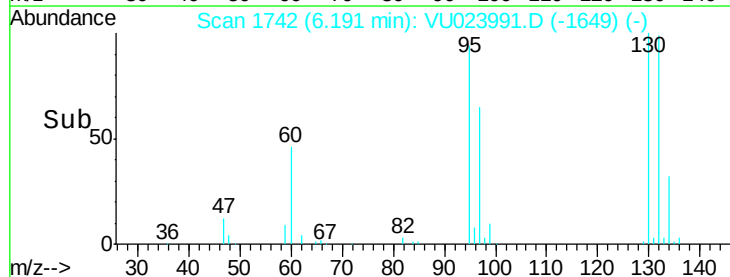
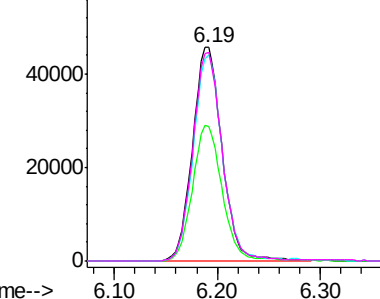


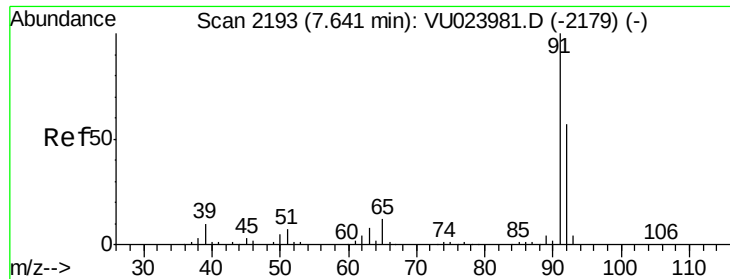
Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 41.90 ug/L

RT: 7.64 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU023991.D

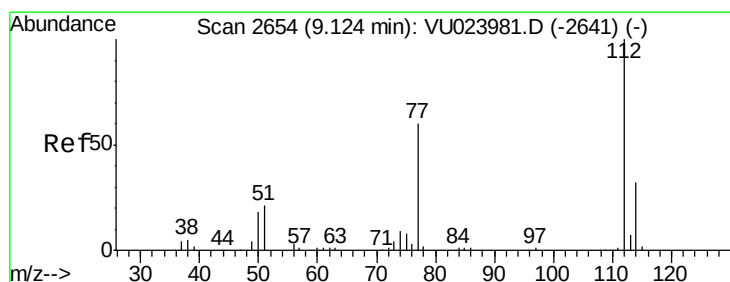
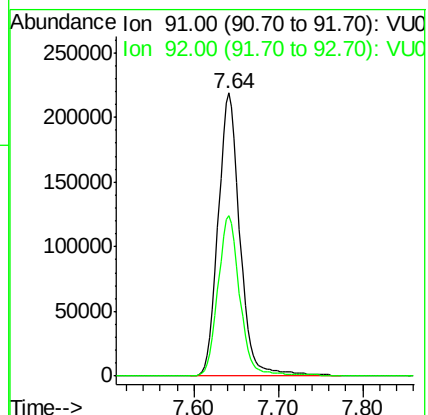
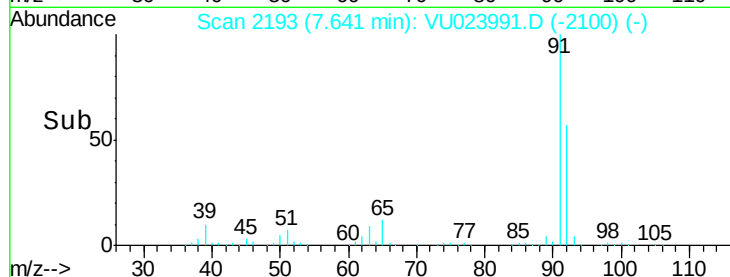
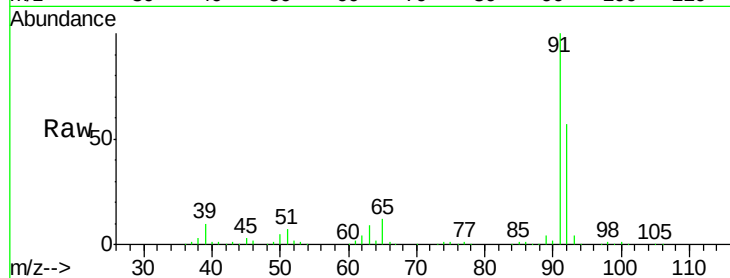
Acq: 22 May 2018 01:03

Tot Ion: 91 Resp: 394294

Ion Ratio Lower Upper

91 100

92 56.8 40.0 74.4



#51

Chlorobenzene

Concen: 40.77 ug/L

RT: 9.12 min Scan# 2654

Delta R.T. -0.00 min

Lab File: VU023991.D

Acq: 22 May 2018 01:03

Tgt Ion: 112 Resp: 260328

Ion Ratio Lower Upper

112 100

114 32.4 22.7 42.1

77 61.4 46.7 70.1

