

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050218\
 Data File : VU023591.D
 Acq On : 02 May 2018 20:58
 Operator : MD/SY
 Sample : J2621-08DL 40X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Quant Time: May 03 07:07:04 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 03 05:16:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	329436	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	320176	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	152173	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	86755	37.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.32%
7) Chloroethane-d5	1.68	69	73568	41.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.68%
11) 1,1-Dichloroethene-d2	2.27	63	130969	28.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.54%#
21) 2-Butanone-d5	4.18	46	200858	124.51	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	124.51%
24) Chloroform-d	4.65	84	187304	48.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.02%
26) 1,2-Dichloroethane-d4	5.31	65	126761	47.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.40%
32) Benzene-d6	5.35	84	378159	44.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.04%
36) 1,2-Dichloropropane-d6	6.34	67	133986	46.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.14%
41) Toluene-d8	7.57	98	334040	42.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.36%
43) trans-1,3-Dichloropropene-	7.85	79	53762	43.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.80%
47) 2-Hexanone-d5	8.31	63	139992	128.12	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	128.12%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	189539	50.93	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.86%
64) 1,2-Dichlorobenzene-d4	11.87	152	141627	47.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.42%

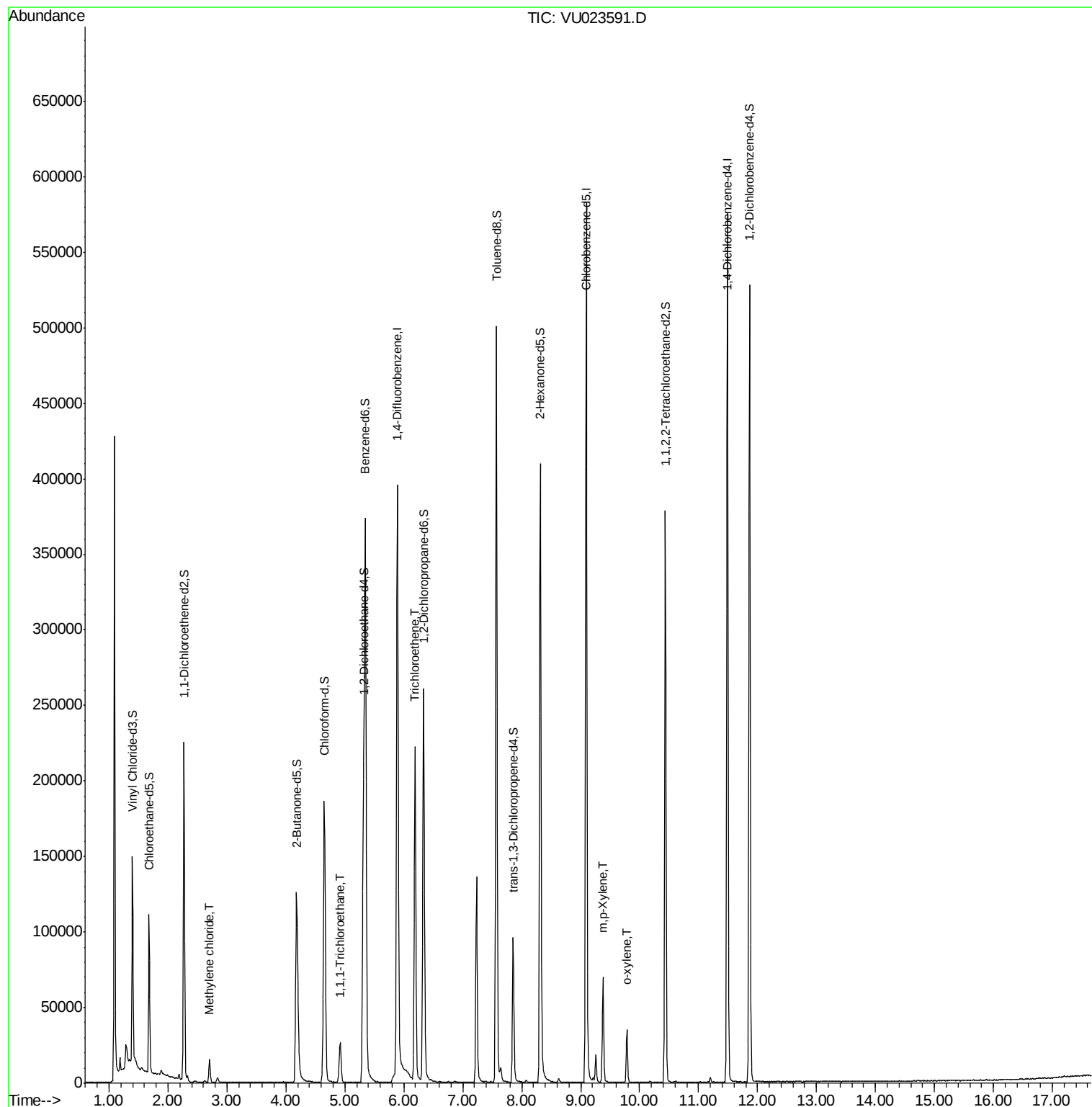
Target Compounds

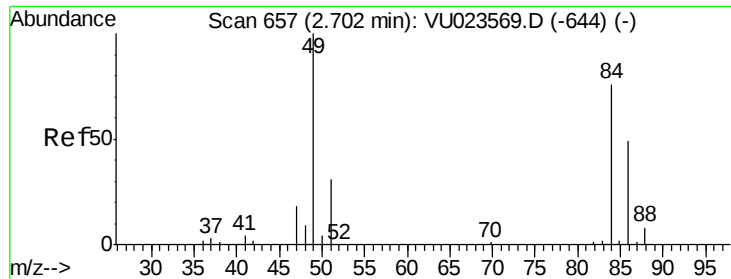
					Ovalue
16) Methylene chloride	2.70	84	6458	2.15 ug/L	91
30) 1,1,1-Trichloroethane	4.92	97	20458	5.04 ug/L	99
34) Trichloroethene	6.19	95	78740	27.24 ug/L	99
53) m,p-Xylene	9.38	106	19385	4.01 ug/L	93
54) o-xylene	9.78	106	9202	2.01 ug/L	92

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

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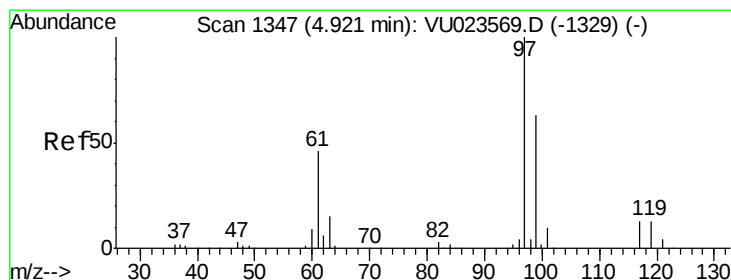
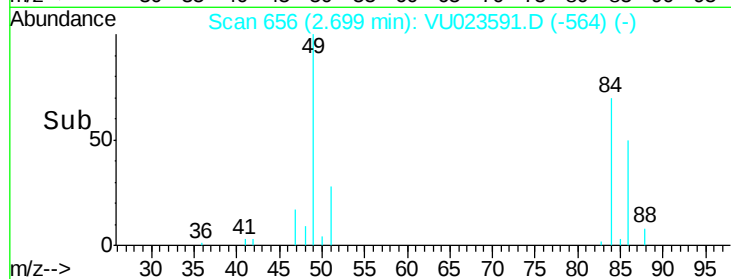
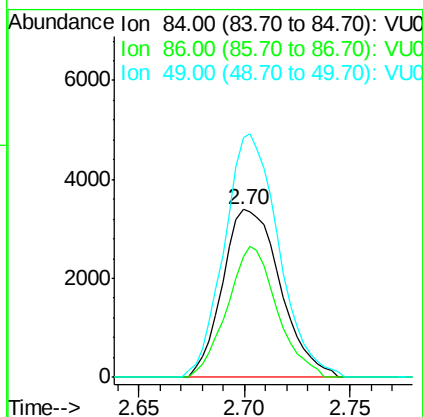
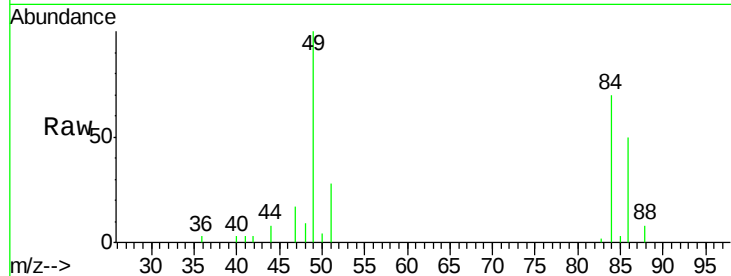
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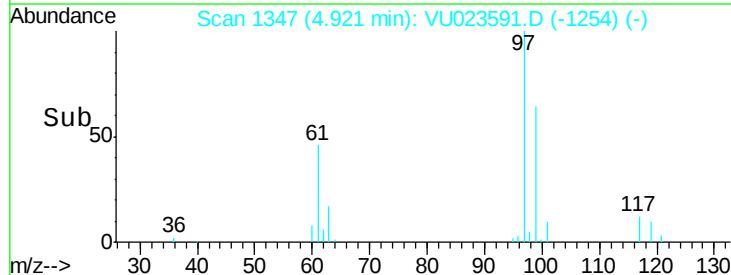
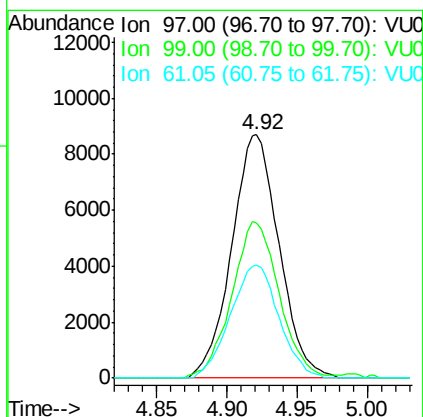
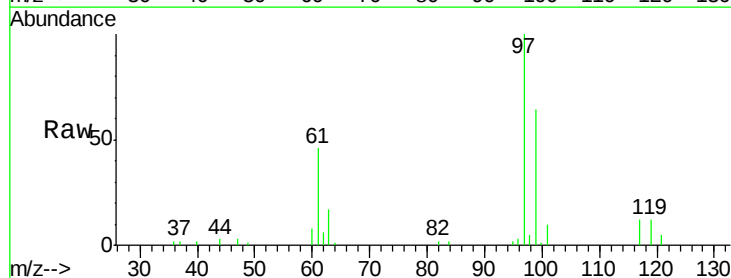
#16
Methvlene chloride
Concen: 2.15 ug/L
RT: 2.70 min Scan# 656
Delta R.T. -0.00 min
Lab File: VU023591.D
Acq: 02 May 2018 20:58

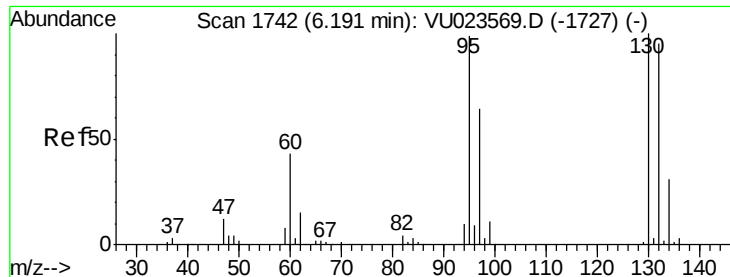
Tot Ion: 84 Resp: 6458
Ion Ratio Lower Upper
84 100
86 71.7 45.6 84.8
49 142.5 91.9 170.7



#30
1,1,1-Trichloroethane
Concen: 5.04 ug/L
RT: 4.92 min Scan# 1347
Delta R.T. 0.00 min
Lab File: VU023591.D
Acq: 02 May 2018 20:58

Tgt Ion: 97 Resp: 20458
Ion Ratio Lower Upper
97 100
99 64.4 51.8 77.6
61 47.5 37.7 56.5





#34

Trichloroethene

Concen: 27.24 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU023591.D

Acq: 02 May 2018 20:58

Tot Ion: 95 Resp: 78740

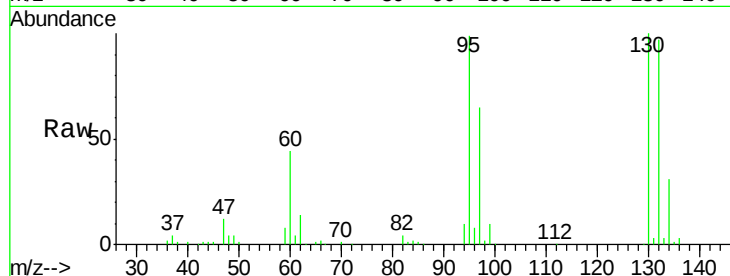
Ion Ratio Lower Upper

95 100

97 65.9 46.3 85.9

132 98.8 68.5 127.1

130 101.5 70.8 131.4

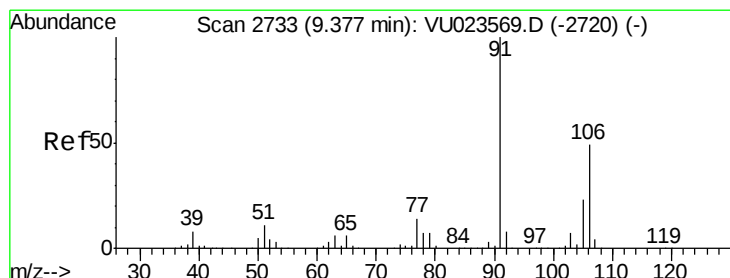
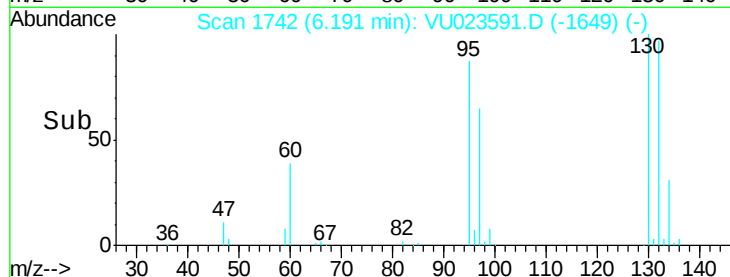
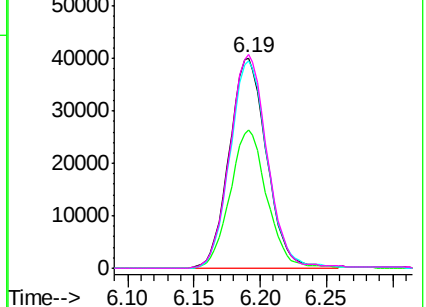


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#53

m,p-Xylene

Concen: 4.01 ug/L

RT: 9.38 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU023591.D

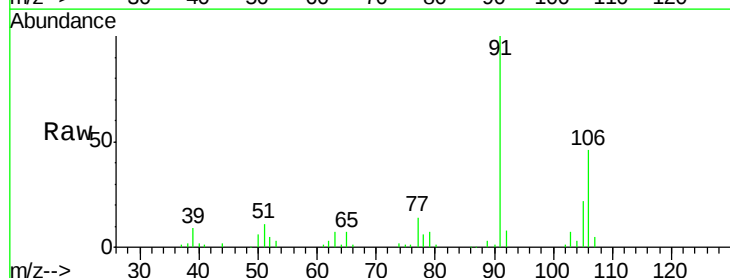
Acq: 02 May 2018 20:58

Tgt Ion: 106 Resp: 19385

Ion Ratio Lower Upper

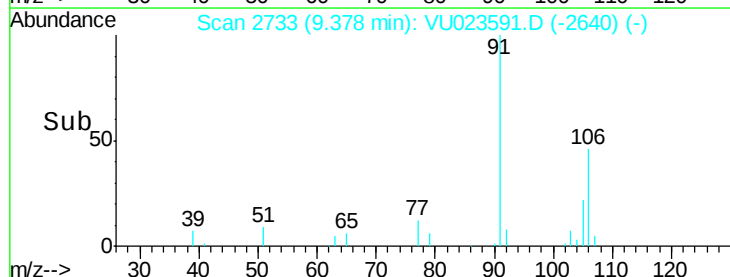
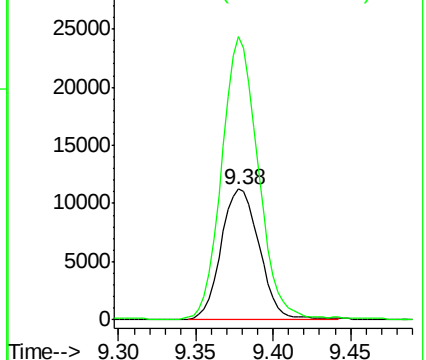
106 100

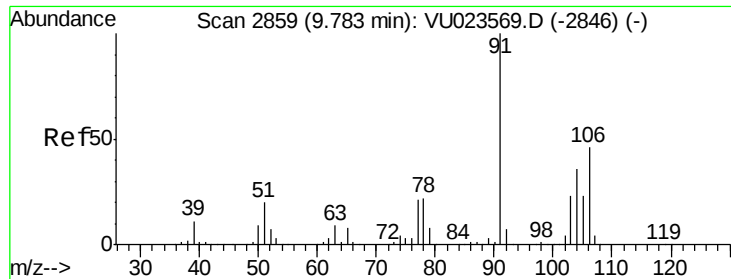
91 216.3 144.1 267.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0





#54
 o-xylene
 Concen: 2.01 ug/L
 RT: 9.78 min Scan# 2859
 Delta R.T. 0.00 min
 Lab File: VU023591.D
 Acq: 02 May 2018 20:58

Tot Ion:106 Resp: 9202
 Ion Ratio Lower Upper
 106 100
 91 225.5 148.9 276.5

