

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050218\
 Data File : VU023573.D
 Acq On : 02 May 2018 12:35
 Operator : MD/SY
 Sample : J2621-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 03 06:40:05 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	307216	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	290922	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	142703	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	92061	42.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.56%
7) Chloroethane-d5	1.68	69	74490	44.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.76%
11) 1,1-Dichloroethene-d2	2.27	63	142486	33.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.12%
21) 2-Butanone-d5	4.18	46	182351	121.21	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	121.21%
24) Chloroform-d	4.65	84	183244	50.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.78%
26) 1,2-Dichloroethane-d4	5.31	65	124469	49.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.40%
32) Benzene-d6	5.35	84	372941	47.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.56%
36) 1,2-Dichloropropane-d6	6.34	67	132692	50.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.50%
41) Toluene-d8	7.57	98	337686	46.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.86%
43) trans-1,3-Dichloropropene-	7.85	79	55446	49.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.52%
47) 2-Hexanone-d5	8.31	63	135637	136.61	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	136.61%#
57) 1,1,2,2-Tetrachloroethane-	10.44	84	179487	53.07	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.14%
64) 1,2-Dichlorobenzene-d4	11.86	152	141226	50.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.46%

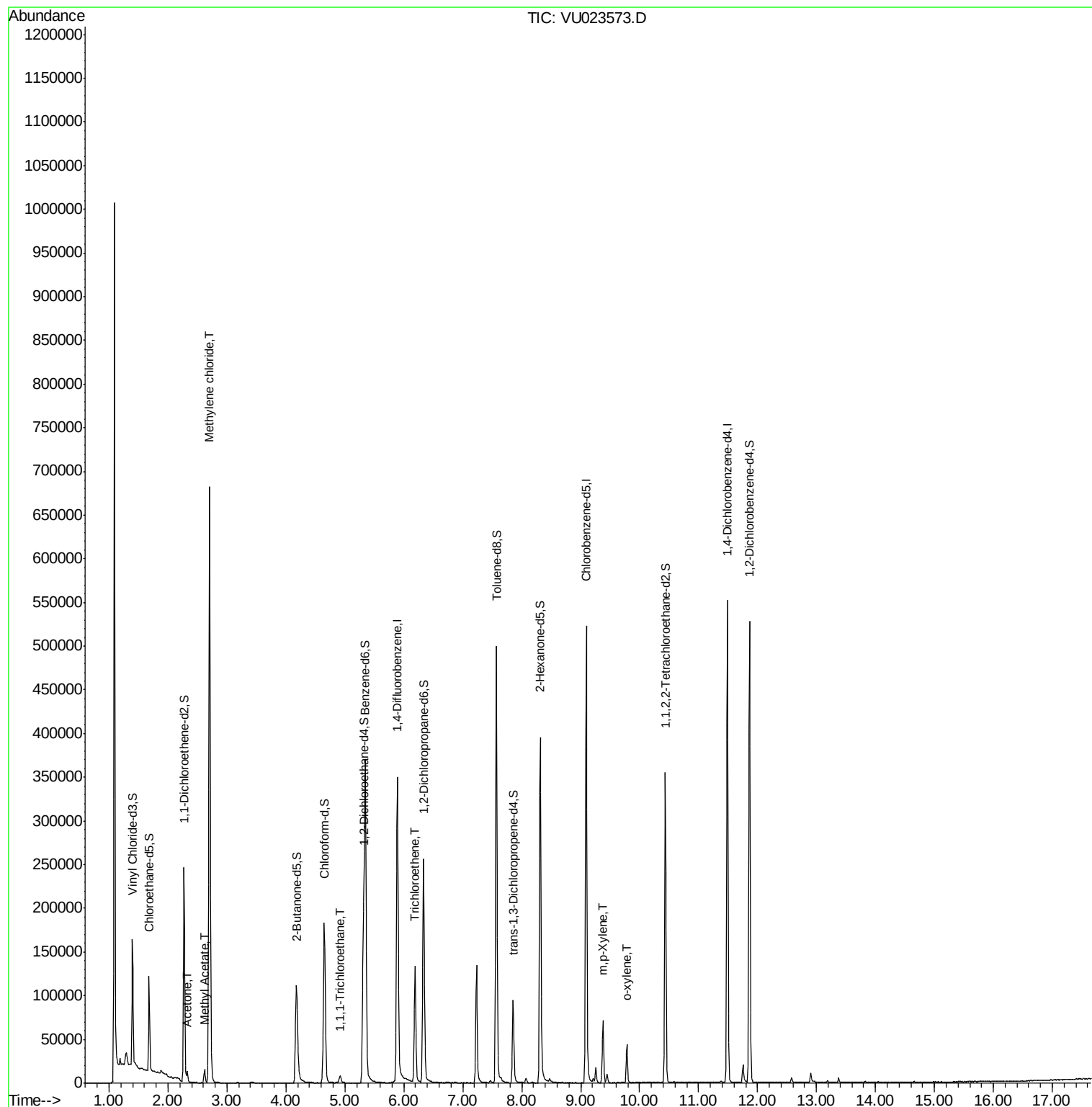
Target Compounds

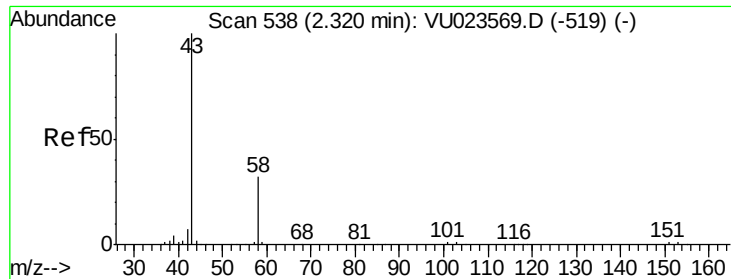
					Ovalue
13) Acetone	2.32	43	12094	5.41	ug/L 97
15) Methyl Acetate	2.62	43	18207	6.15	ug/L 98
16) Methylene chloride	2.70	84	296376	105.90	ug/L 98
30) 1,1,1-Trichloroethane	4.92	97	6232	1.69	ug/L 95
34) Trichloroethene	6.19	95	47799	18.20	ug/L 99
53) m,p-Xylene	9.38	106	20238	4.61	ug/L 97
54) o-xylene	9.78	106	11863	2.85	ug/L 99

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

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Quant Title : VOC Analysis
QLast Update : Thu May 03 05:16:38 2018
Response via : Initial Calibration





#13

Acetone

Concen: 5.41 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU023573.D

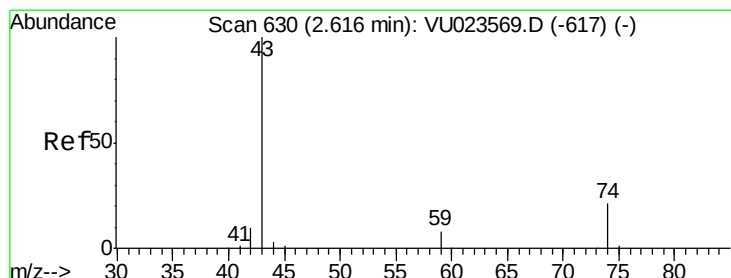
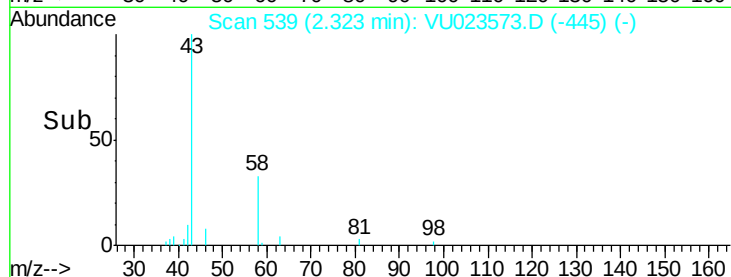
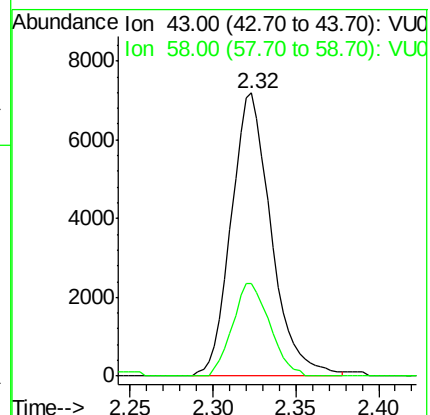
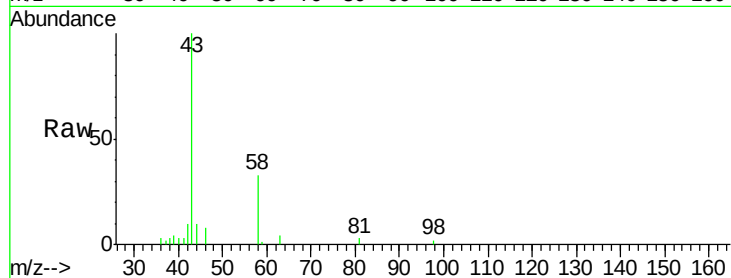
Acq: 02 May 2018 12:35

Tot Ion: 43 Resp: 12094

Ion Ratio Lower Upper

43 100

58 30.4 0.0 64.8



#15

Methyl Acetate

Concen: 6.15 ug/L

RT: 2.62 min Scan# 631

Delta R.T. 0.00 min

Lab File: VU023573.D

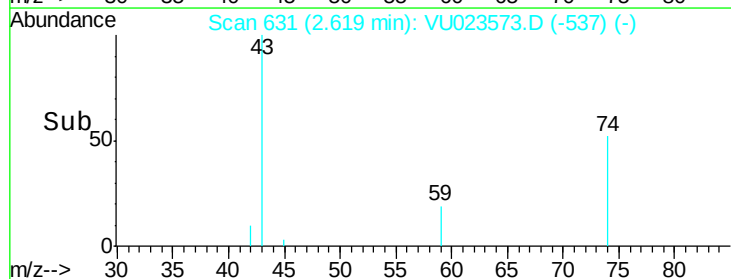
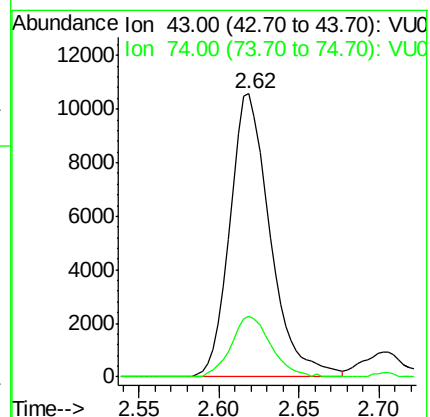
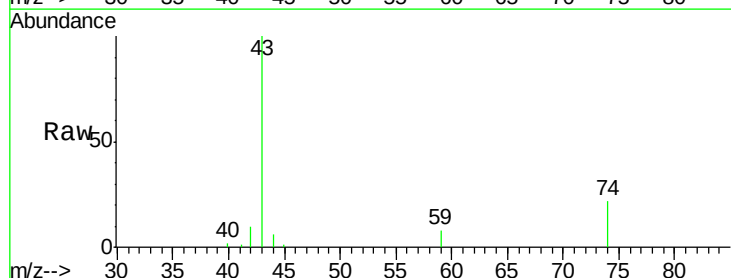
Acq: 02 May 2018 12:35

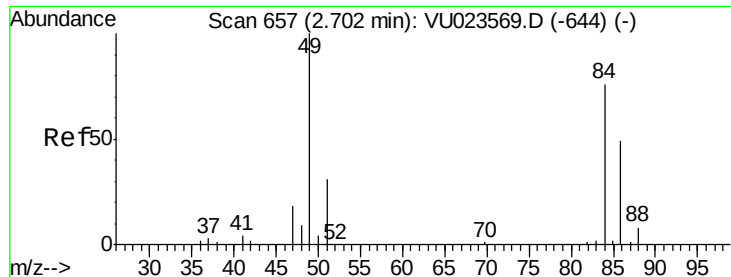
Tgt Ion: 43 Resp: 18207

Ion Ratio Lower Upper

43 100

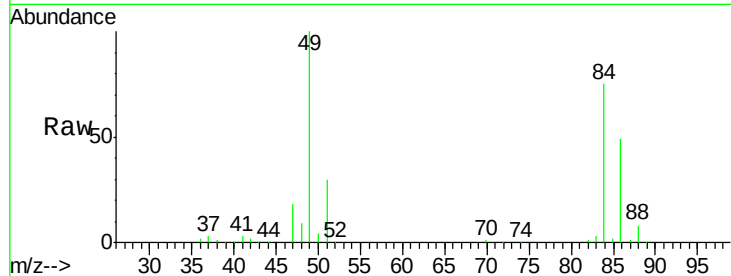
74 21.0 17.5 26.3



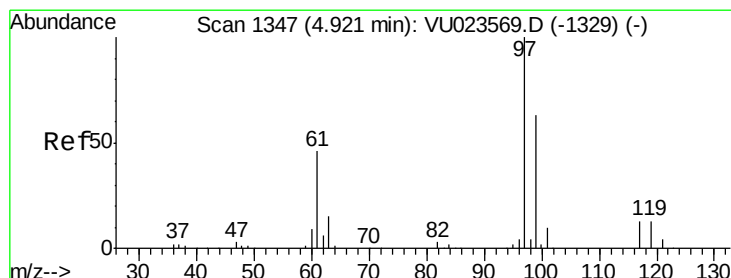
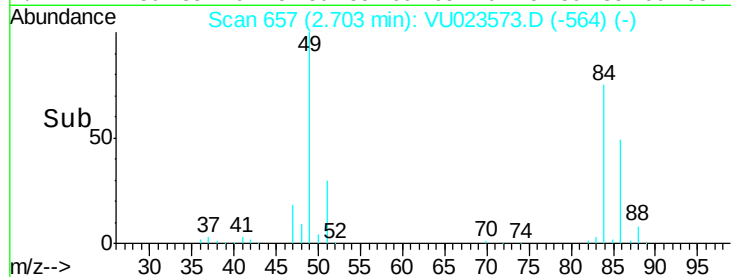
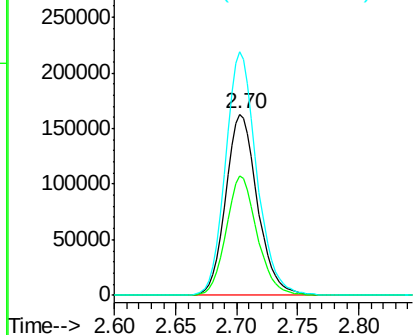


#16
Methylene chloride
Concen: 105.90 ug/L
RT: 2.70 min Scan# 657
Delta R.T. 0.00 min
Lab File: VU023573.D
Acq: 02 May 2018 12:35

Tot Ion: 84 Resp: 296376
Ion Ratio Lower Upper
84 100
86 65.5 45.6 84.8
49 134.2 91.9 170.7

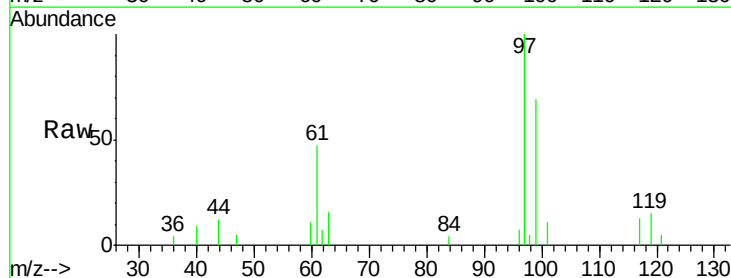


Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.00 (48.70 to 49.70): VU0

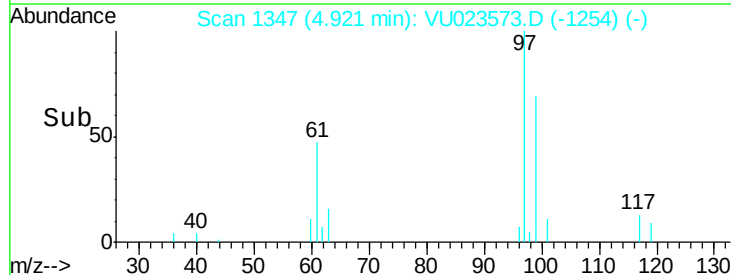
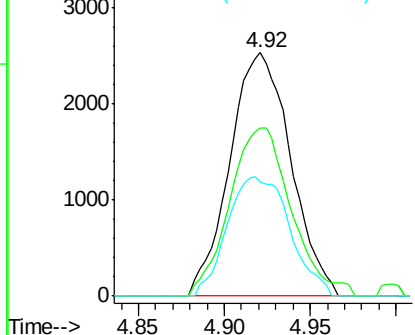


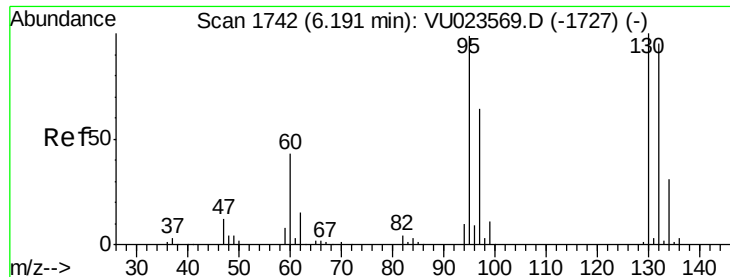
#30
1,1,1-Trichloroethane
Concen: 1.69 ug/L
RT: 4.92 min Scan# 1347
Delta R.T. 0.00 min
Lab File: VU023573.D
Acq: 02 May 2018 12:35

Tgt Ion: 97 Resp: 6232
Ion Ratio Lower Upper
97 100
99 68.9 51.8 77.6
61 50.3 37.7 56.5



Abundance Ion 97.00 (96.70 to 97.70): VU0
Ion 99.00 (98.70 to 99.70): VU0
Ion 61.05 (60.75 to 61.75): VU0





#34

Trichloroethene

Concen: 18.20 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU023573.D

Acq: 02 May 2018 12:35

Tot Ion: 95 Resp: 47799

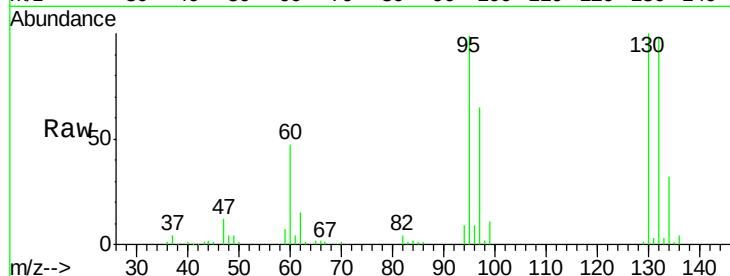
Ion Ratio Lower Upper

95 100

97 65.7 46.3 85.9

132 99.5 68.5 127.1

130 101.2 70.8 131.4

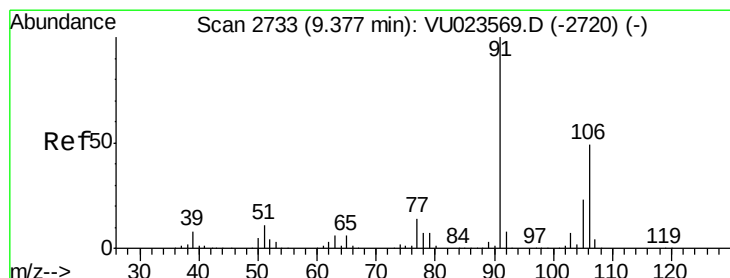
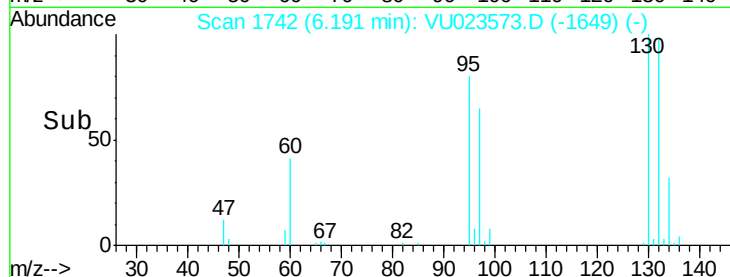
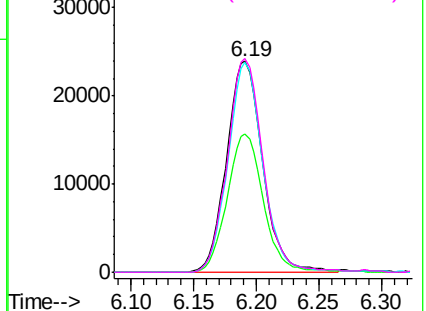


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 4.61 ug/L

RT: 9.38 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU023573.D

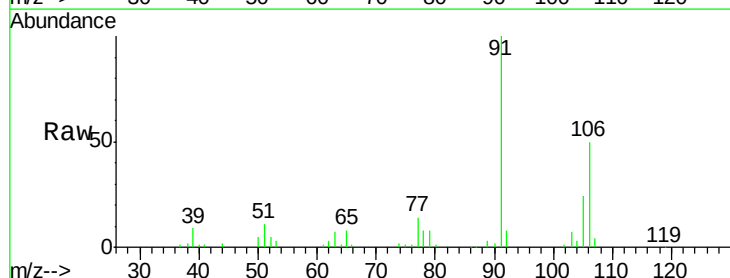
Acq: 02 May 2018 12:35

Tgt Ion: 106 Resp: 20238

Ion Ratio Lower Upper

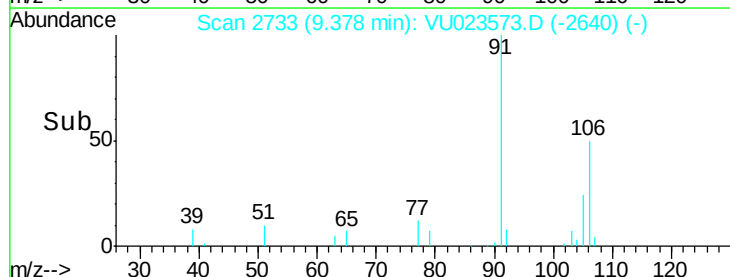
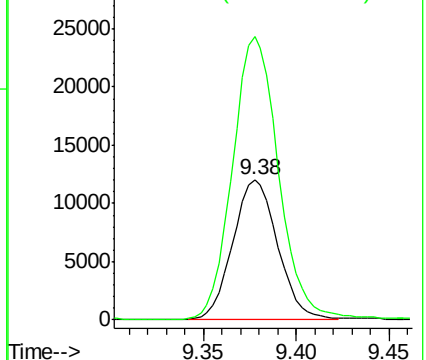
106 100

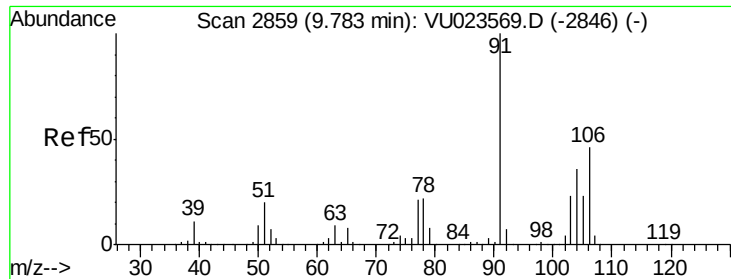
91 201.4 144.1 267.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0





#54
 o-xylene
 Concen: 2.85 ug/L
 RT: 9.78 min Scan# 2859
 Delta R.T. 0.00 min
 Lab File: VU023573.D
 Acq: 02 May 2018 12:35

Tot Ion:106 Resp: 11863
 Ion Ratio Lower Upper
 106 100
 91 210.5 148.9 276.5

