

Data File : VU023563.D
Acq On : 01 May 2018 19:23
Operator : MD/SY
Sample : J2621-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Quant Time: May 02 03:16:40 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 02 03:12:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	334048	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	311290	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	153871	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	98942	41.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.58%
7) Chloroethane-d5	1.68	69	77701	43.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.12%
11) 1,1-Dichloroethene-d2	2.27	63	149160	32.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.62%
21) 2-Butanone-d5	4.18	46	185867	113.63	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.63%
24) Chloroform-d	4.65	84	187770	47.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.92%
26) 1,2-Dichloroethane-d4	5.31	65	125928	46.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.48%
32) Benzene-d6	5.35	84	397836	47.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.26%
36) 1,2-Dichloropropane-d6	6.34	67	136429	48.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.54%
41) Toluene-d8	7.57	98	356801	46.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.68%
43) trans-1,3-Dichloropropene-	7.85	79	57268	47.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.10%
47) 2-Hexanone-d5	8.31	63	136170	128.18	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	128.18%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	178706	49.39	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.78%
64) 1,2-Dichlorobenzene-d4	11.87	152	146085	48.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.34%

Target Compounds

						Qvalue
13) Acetone	2.33	43	11521	4.74	ug/L	97
15) Methyl Acetate	2.62	43	17678	5.49	ug/L	100
16) Methylene chloride	2.70	84	296508	97.44	ug/L	98
30) 1,1,1-Trichloroethane	4.92	97	6964	1.77	ug/L	97
34) Trichloroethene	6.19	95	57358	20.41	ug/L	96
53) m,p-Xylene	9.38	106	22958	4.88	ug/L	99
54) o-xylene	9.78	106	12858	2.89	ug/L	94
59) 1,2,3-Trichloropropane	11.49	75	18664	5.38	ug/L	91

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

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ALS Vial : 20 Sample Multiplier: 1

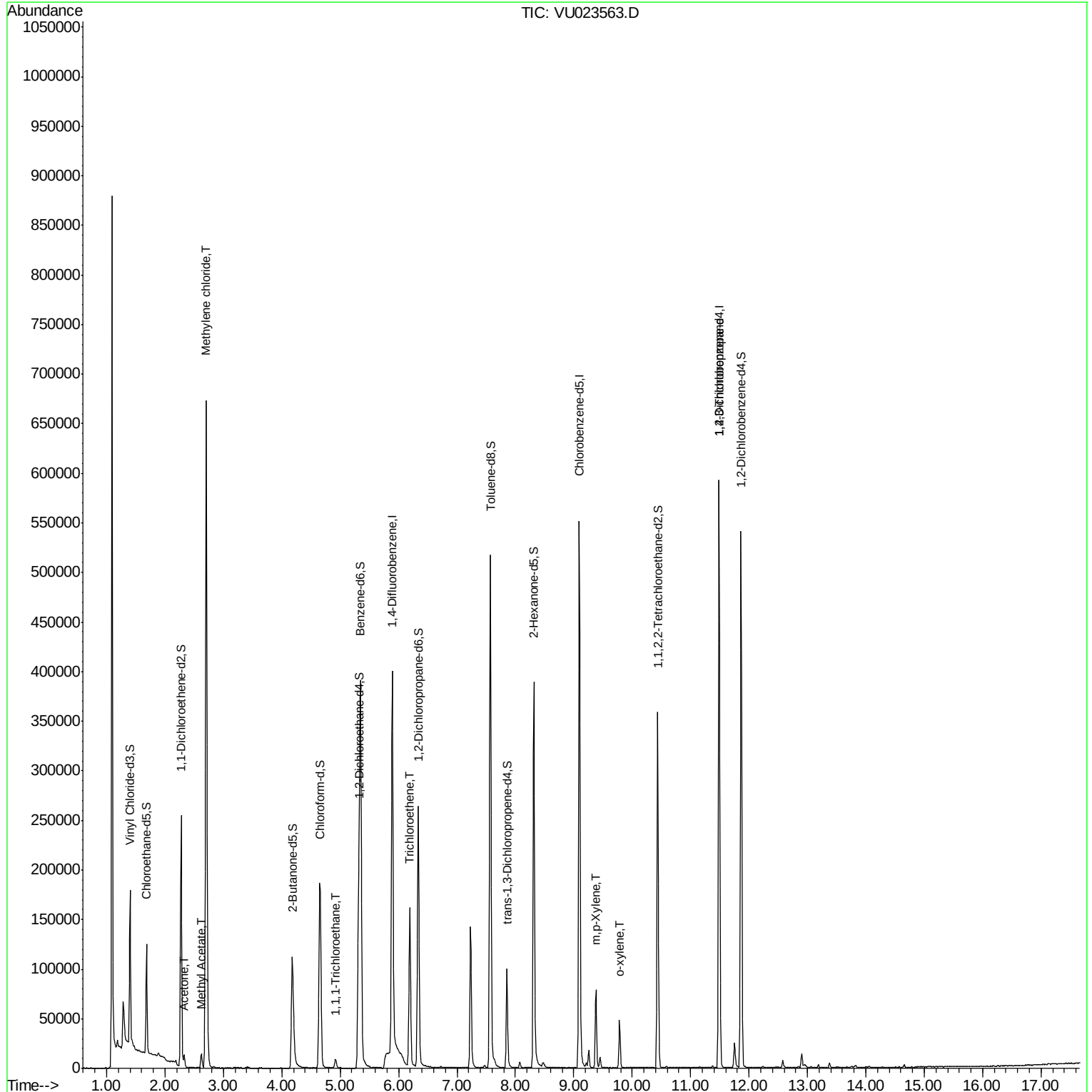
Quant Time: May 02 03:16:40 2018

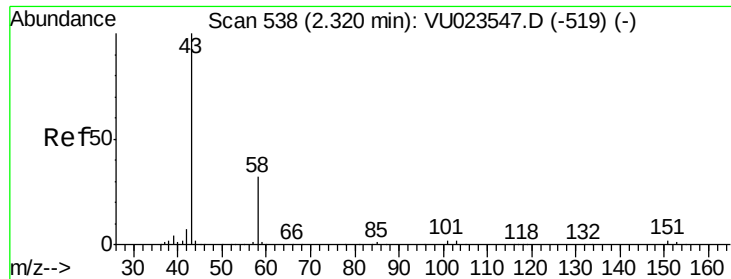
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M

Quant Title : VOC Analysis

QLast Update : Wed May 02 03:12:05 2018

Response via : Initial Calibration





#13

Acetone

Concen: 4.74 ug/L

RT: 2.33 min Scan# 540

Delta R.T. 0.01 min

Lab File: VU023563.D

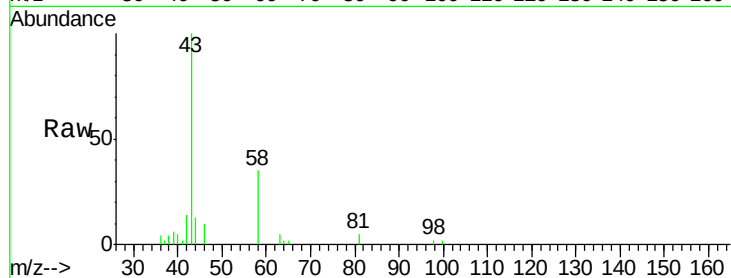
Acq: 01 May 2018 19:23

Tgt Ion: 43 Resp: 11521

Ion Ratio Lower Upper

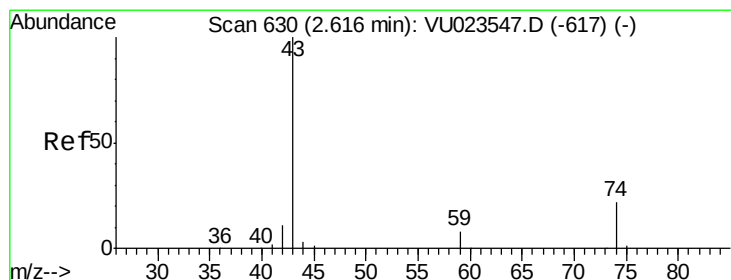
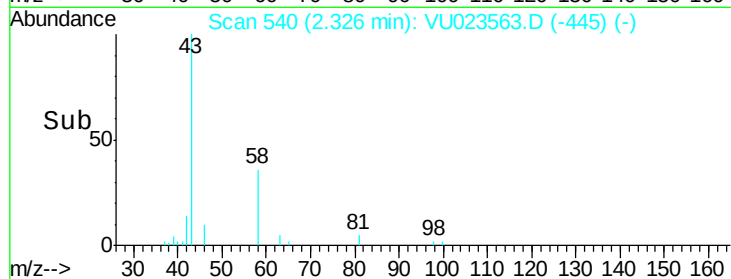
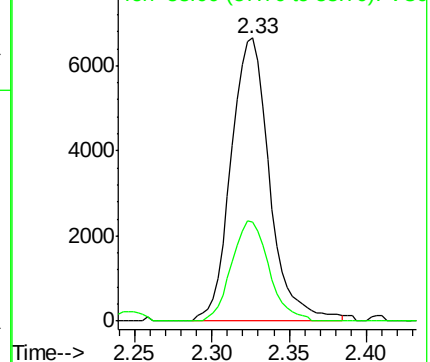
43 100

58 34.2 0.0 64.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#15

Methyl Acetate

Concen: 5.49 ug/L

RT: 2.62 min Scan# 632

Delta R.T. 0.01 min

Lab File: VU023563.D

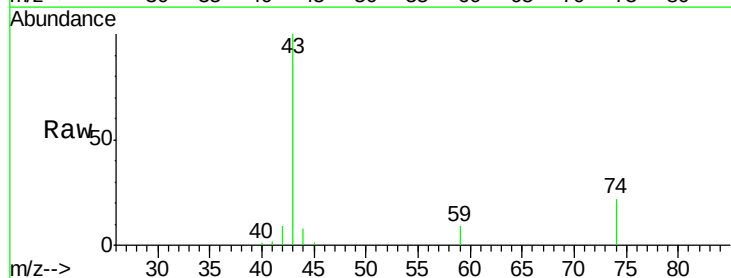
Acq: 01 May 2018 19:23

Tgt Ion: 43 Resp: 17678

Ion Ratio Lower Upper

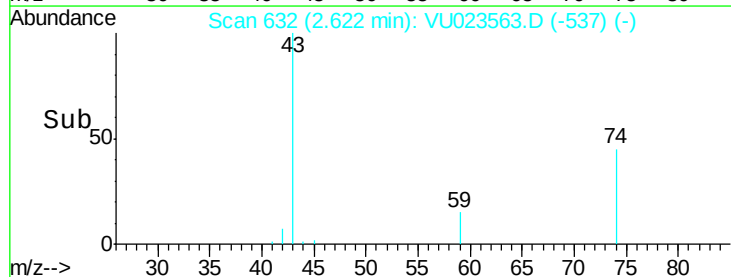
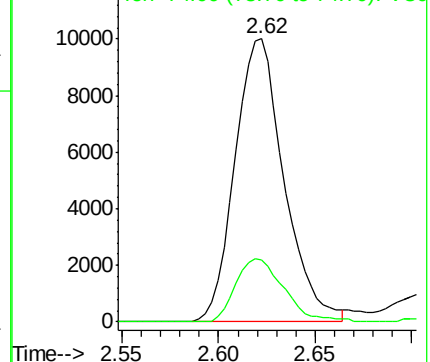
43 100

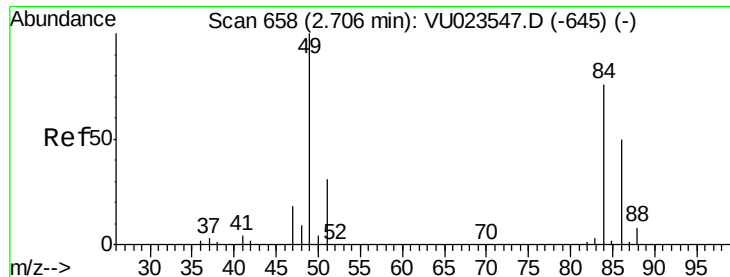
74 21.7 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0





#16

Methylene chloride

Concen: 97.44 ug/L

RT: 2.70 min Scan# 657

Delta R.T. -0.00 min

Lab File: VU023563.D

Acq: 01 May 2018 19:23

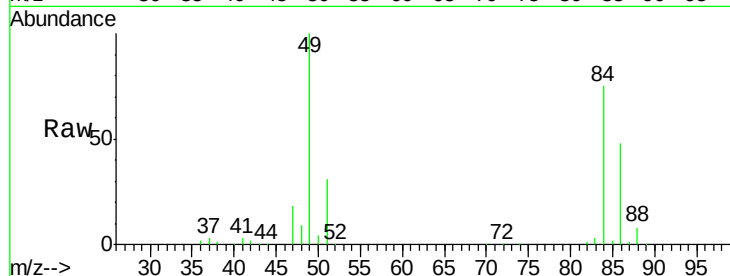
Tgt Ion: 84 Resp: 296508

Ion Ratio Lower Upper

84 100

86 63.5 45.6 84.8

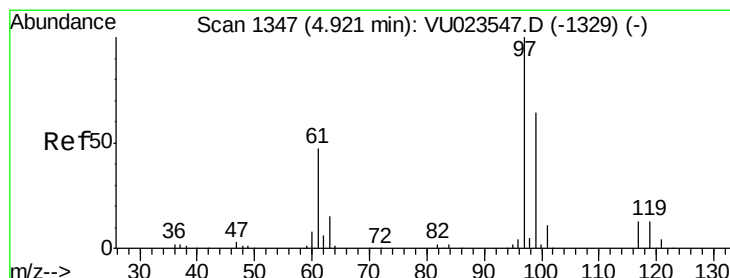
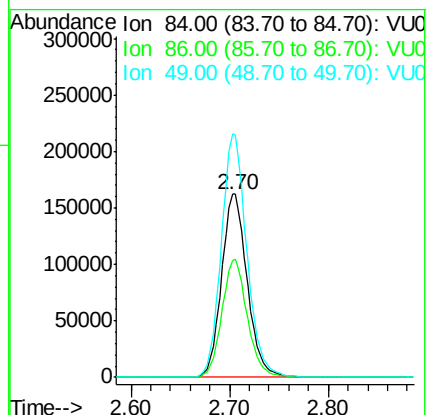
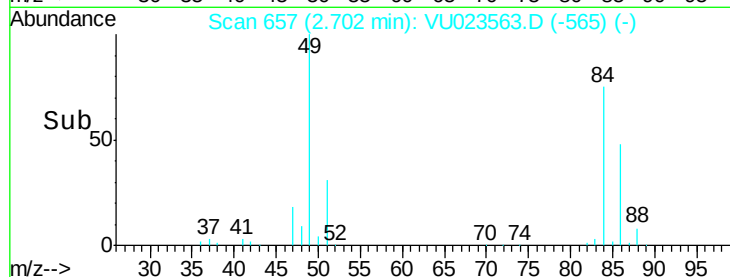
49 132.8 91.9 170.7



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: 1.77 ug/L

RT: 4.92 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VU023563.D

Acq: 01 May 2018 19:23

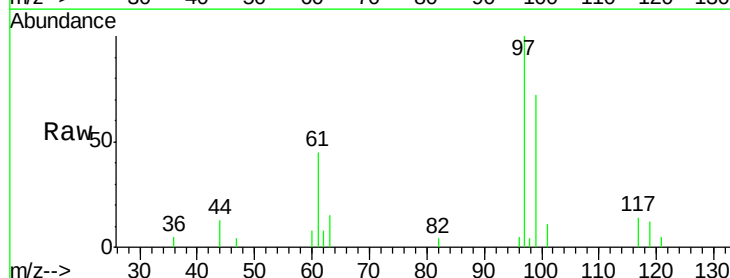
Tgt Ion: 97 Resp: 6964

Ion Ratio Lower Upper

97 100

99 66.8 51.8 77.6

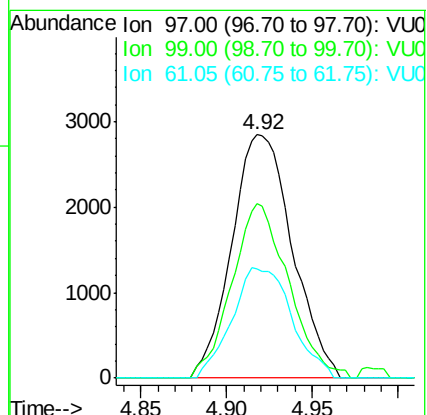
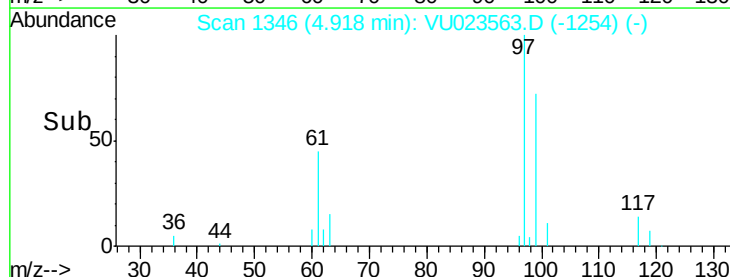
61 44.7 37.7 56.5

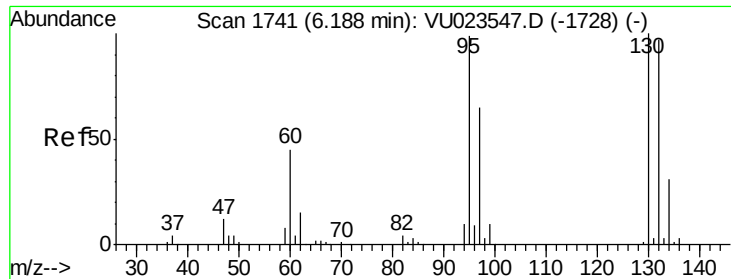


Abundance Ion 97.00 (96.70 to 97.70): VU0

Ion 99.00 (98.70 to 99.70): VU0

Ion 61.05 (60.75 to 61.75): VU0





#34

Trichloroethene

Concen: 20.41 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU023563.D

Acq: 01 May 2018 19:23

Tgt Ion: 95 Resp: 57358

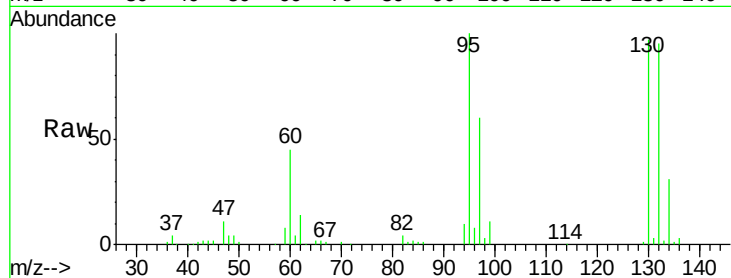
Ion Ratio Lower Upper

95 100

97 60.1 46.3 85.9

132 95.2 68.5 127.1

130 96.8 70.8 131.4

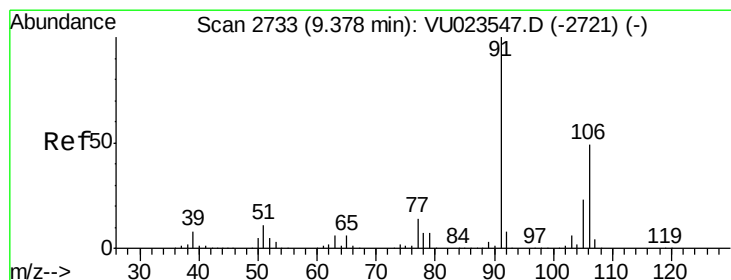
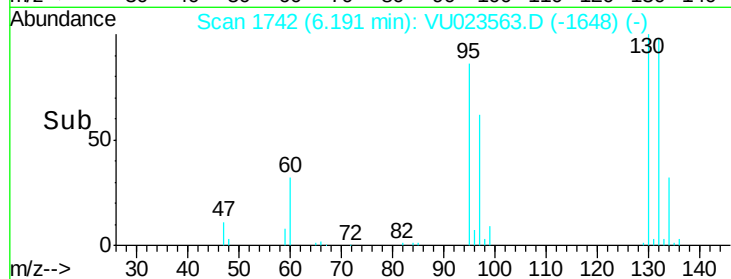
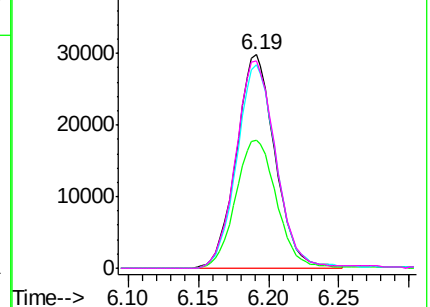


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 4.88 ug/L

RT: 9.38 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VU023563.D

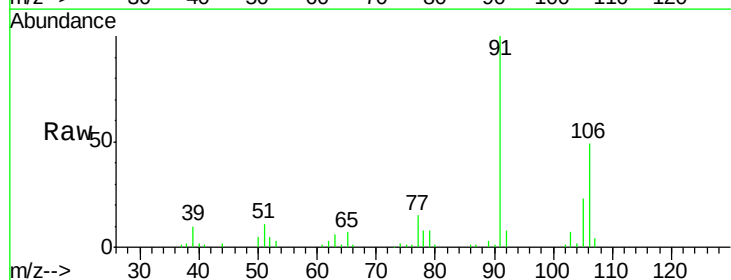
Acq: 01 May 2018 19:23

Tgt Ion: 106 Resp: 22958

Ion Ratio Lower Upper

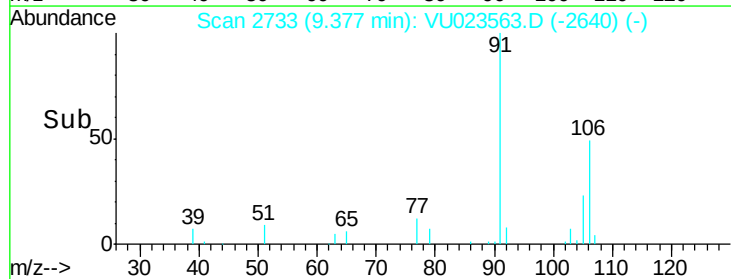
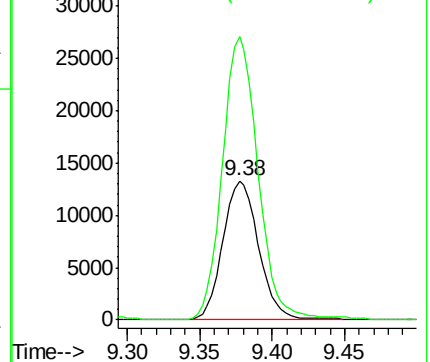
106 100

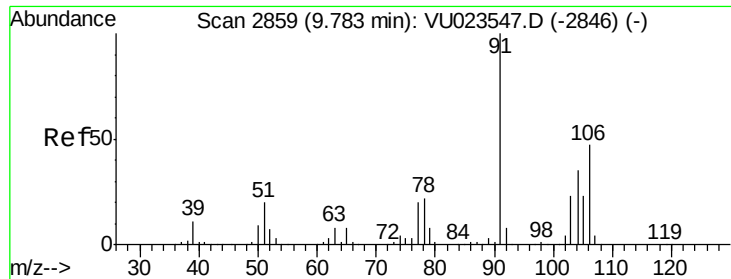
91 203.6 144.1 267.5



Abundance Ion 106.00 (105.70 to 106.70): V

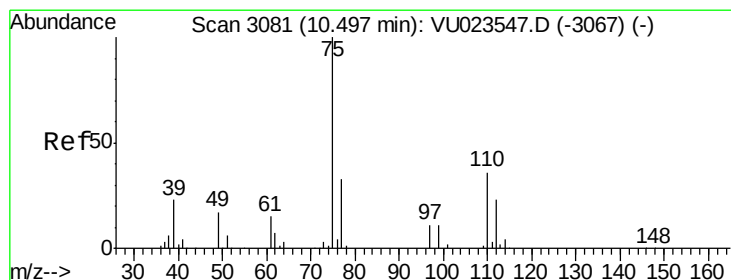
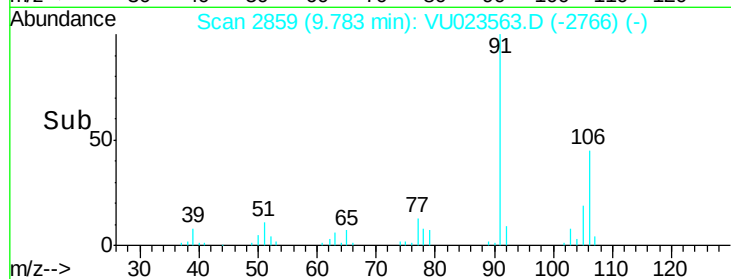
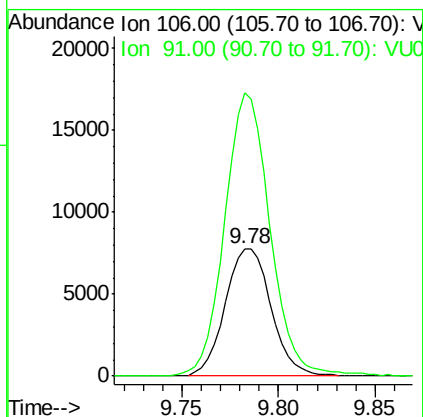
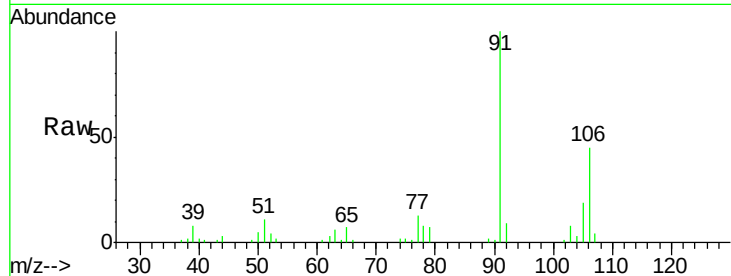
Ion 91.00 (90.70 to 91.70): VU0





#54
o-xylene
Concen: 2.89 ug/L
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU023563.D
Acq: 01 May 2018 19:23

Tgt Ion: 106 Resp: 12858
Ion Ratio Lower Upper
106 100
91 221.6 148.9 276.5



#59
1,2,3-Trichloropropane
Concen: 5.38 ug/L
RT: 11.49 min Scan# 3389
Delta R.T. 0.99 min
Lab File: VU023563.D
Acq: 01 May 2018 19:23

Tgt Ion: 75 Resp: 18664
Ion Ratio Lower Upper
75 100
77 37.5 25.9 38.9

