

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050218\
 Data File : VU023575.D
 Acq On : 02 May 2018 13:27
 Operator : MD/SY
 Sample : J2621-07DL 40X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 03 05:27:17 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	321135	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	310109	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	146014	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	91866	40.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.72%
7) Chloroethane-d5	1.68	69	73564	42.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.80%
11) 1,1-Dichloroethene-d2	2.27	63	137442	30.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.94%
21) 2-Butanone-d5	4.18	46	176667	112.35	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.35%
24) Chloroform-d	4.65	84	180237	47.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.76%
26) 1,2-Dichloroethane-d4	5.31	65	122126	46.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.30%
32) Benzene-d6	5.35	84	371345	44.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.26%
36) 1,2-Dichloropropane-d6	6.34	67	129929	46.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.24%
41) Toluene-d8	7.57	98	334890	43.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.32%
43) trans-1,3-Dichloropropene-	7.85	79	53638	44.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.42%
47) 2-Hexanone-d5	8.31	63	120897	114.23	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.23%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	173456	48.12	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.24%
64) 1,2-Dichlorobenzene-d4	11.87	152	137649	48.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.64%

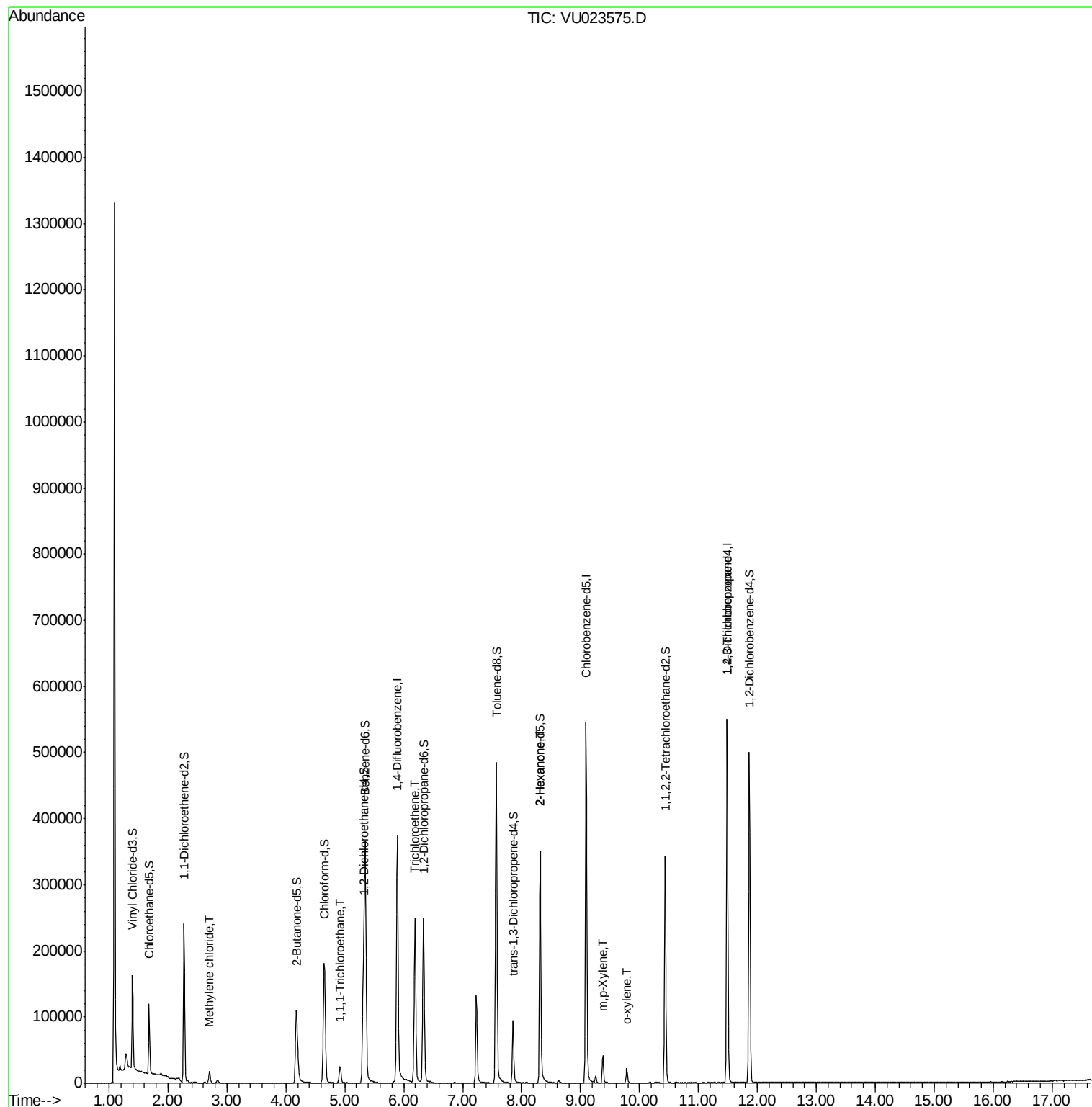
Target Compounds

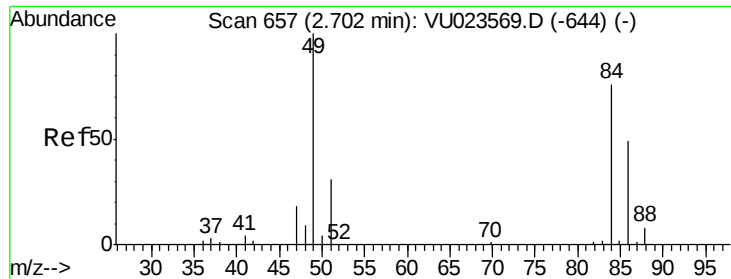
						Qvalue
16) Methylene chloride	2.70	84	8032	2.75	ug/L	95
30) 1,1,1-Trichloroethane	4.92	97	19372	4.93	ug/L	98
34) Trichloroethene	6.19	95	90686	32.39	ug/L	97
48) 2-Hexanone	8.31	43	14360	4.31	ug/L #	66
53) m,p-Xylene	9.38	106	11923	2.55	ug/L	99
54) o-xylene	9.79	106	5698	1.28	ug/L	93
59) 1,2,3-Trichloropropane	11.49	75	17092	4.94	ug/L	92

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

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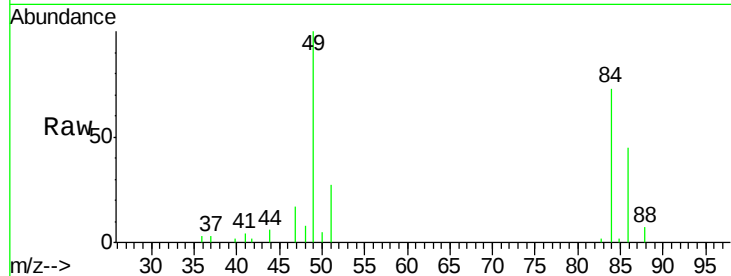
Quant Time: May 03 05:27:17 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
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QLast Update : Thu May 03 05:16:38 2018
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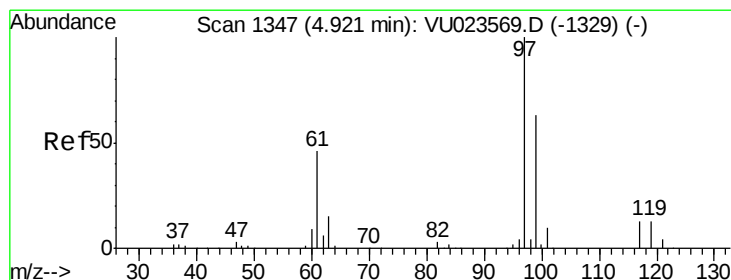
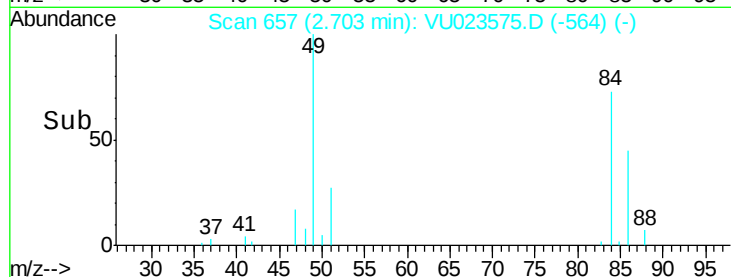
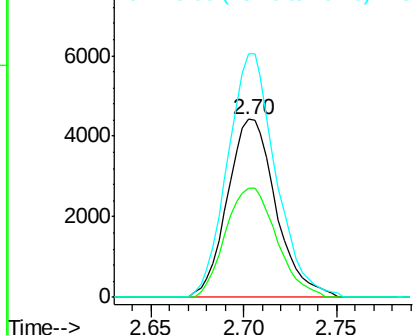


#16
Methylene chloride
Concen: 2.75 ug/L
RT: 2.70 min Scan# 657
Delta R.T. 0.00 min
Lab File: VU023575.D
Acq: 02 May 2018 13:27

Tgt Ion: 84 Resp: 8032
Ion Ratio Lower Upper
84 100
86 61.4 45.6 84.8
49 136.4 91.9 170.7

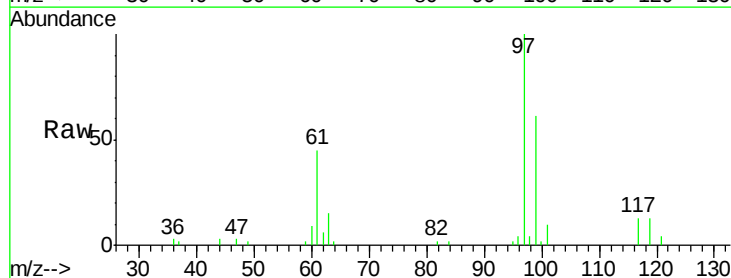


Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.00 (48.70 to 49.70): VU0

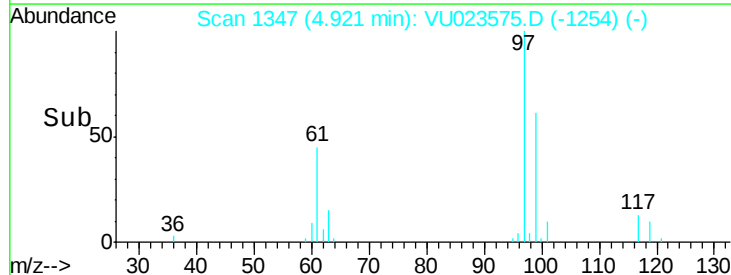
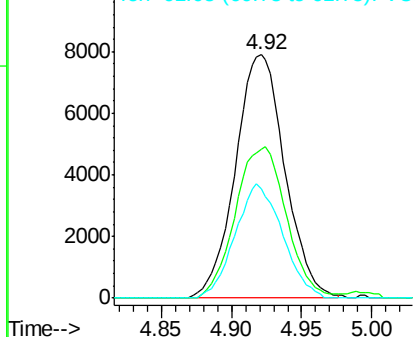


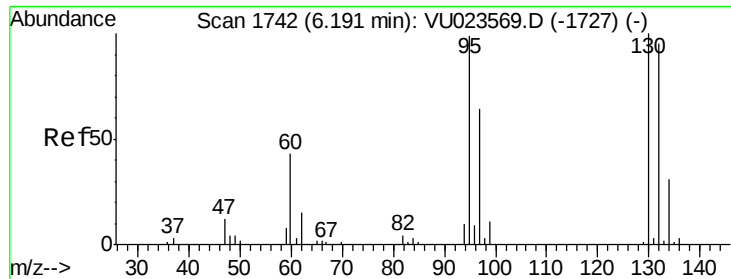
#30
1,1,1-Trichloroethane
Concen: 4.93 ug/L
RT: 4.92 min Scan# 1347
Delta R.T. 0.00 min
Lab File: VU023575.D
Acq: 02 May 2018 13:27

Tgt Ion: 97 Resp: 19372
Ion Ratio Lower Upper
97 100
99 63.9 51.8 77.6
61 44.8 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: 32.39 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU023575.D

Acq: 02 May 2018 13:27

Tgt Ion: 95 Resp: 90686

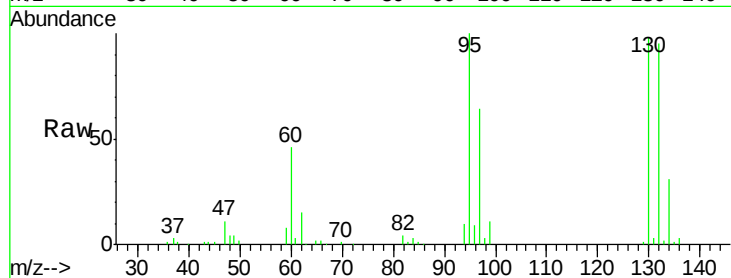
Ion Ratio Lower Upper

95 100

97 64.0 46.3 85.9

132 94.6 68.5 127.1

130 97.6 70.8 131.4

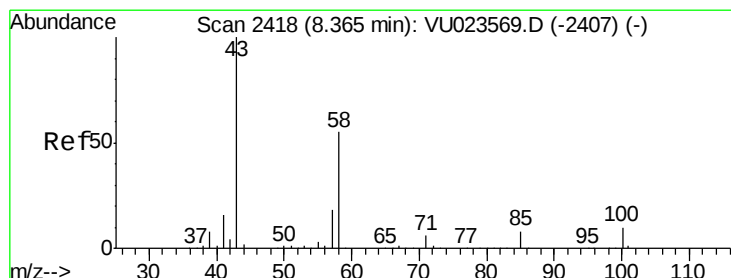
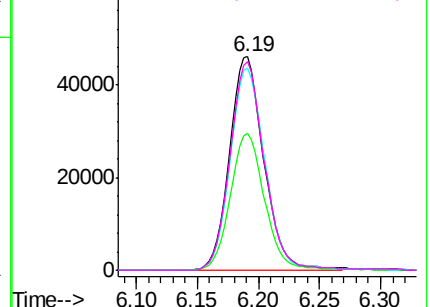
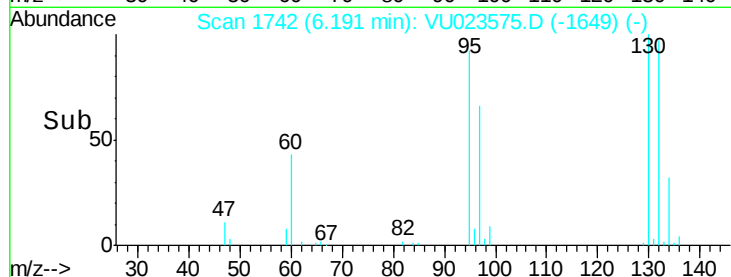


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#48

2-Hexanone

Concen: 4.31 ug/L

RT: 8.31 min Scan# 2402

Delta R.T. -0.05 min

Lab File: VU023575.D

Acq: 02 May 2018 13:27

Tgt Ion: 43 Resp: 14360

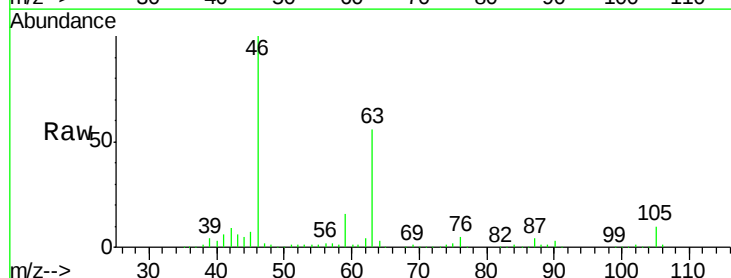
Ion Ratio Lower Upper

43 100

58 26.7 43.0 64.6#

57 29.9 14.6 22.0#

100 0.0 8.4 12.6#

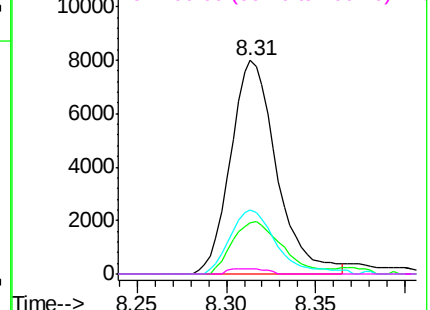
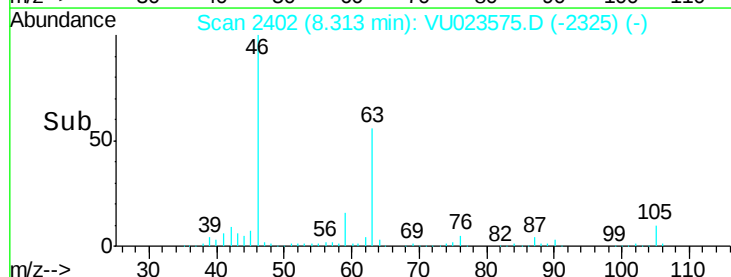


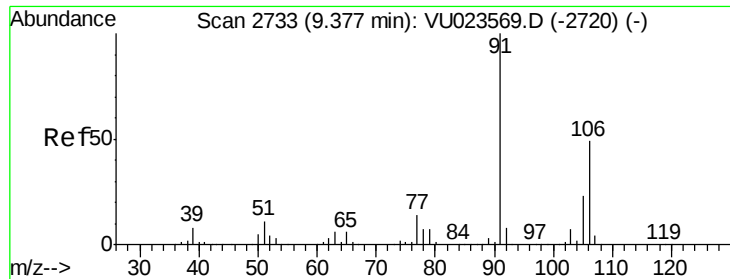
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#53

m,p-Xylene

Concen: 2.55 ug/L

RT: 9.38 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU023575.D

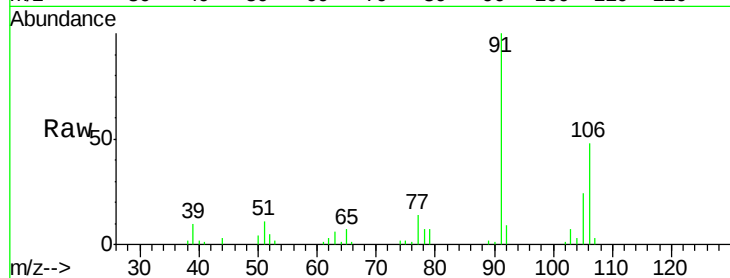
Acq: 02 May 2018 13:27

Tgt Ion:106 Resp: 11923

Ion Ratio Lower Upper

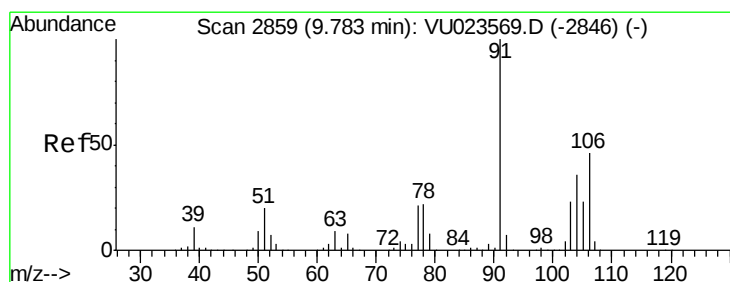
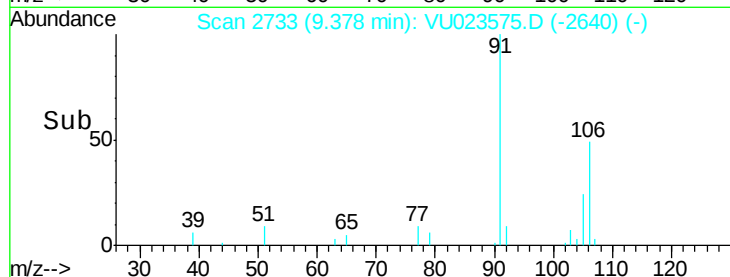
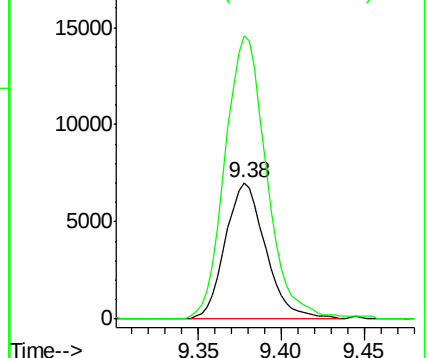
106 100

91 207.7 144.1 267.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#54

o-xylene

Concen: 1.28 ug/L

RT: 9.79 min Scan# 2860

Delta R.T. 0.00 min

Lab File: VU023575.D

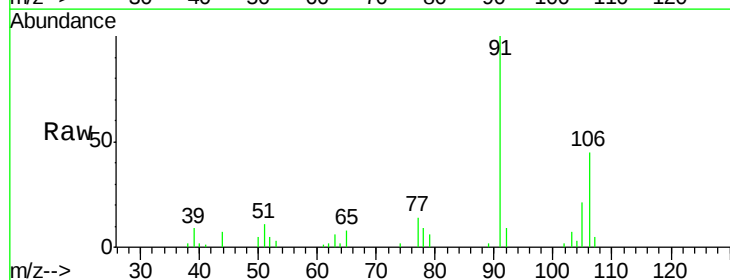
Acq: 02 May 2018 13:27

Tgt Ion:106 Resp: 5698

Ion Ratio Lower Upper

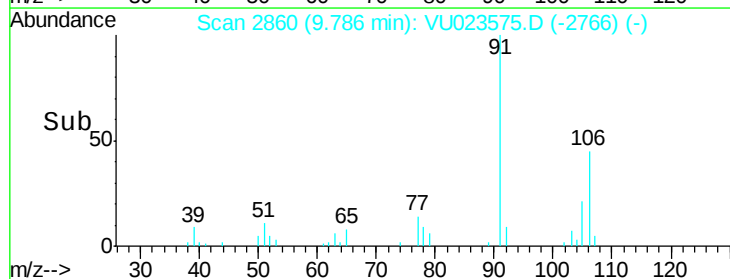
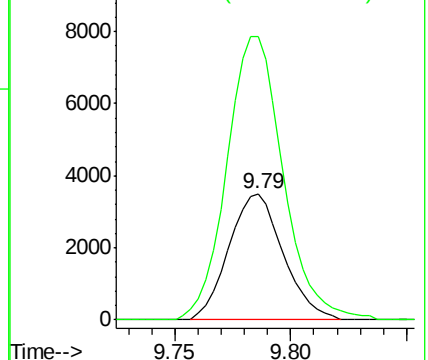
106 100

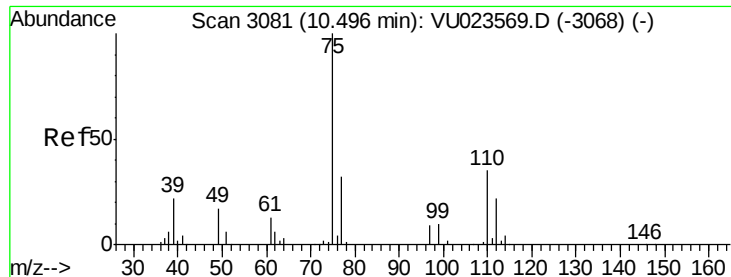
91 224.1 148.9 276.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0





#59

1,2,3-Trichloropropane

Concen: 4.94 ug/L

RT: 11.49 min Scan# 3390

Delta R.T. 0.99 min

Lab File: VU023575.D

Acq: 02 May 2018 13:27

Tgt Ion: 75 Resp: 17092

Ion Ratio Lower Upper

75 100

77 36.8 25.9 38.9

