

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050218\
 Data File : VU023574.D
 Acq On : 02 May 2018 13:01
 Operator : MD/SY
 Sample : J2621-01DL 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 03 06:41:29 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	317943	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	310185	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	147260	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	92768	41.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.34%
7) Chloroethane-d5	1.68	69	73486	42.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.56%
11) 1,1-Dichloroethene-d2	2.27	63	139111	31.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.32%
21) 2-Butanone-d5	4.18	46	173624	111.52	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.52%
24) Chloroform-d	4.65	84	180706	48.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.98%
26) 1,2-Dichloroethane-d4	5.31	65	122251	47.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.34%
32) Benzene-d6	5.35	84	371845	44.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.36%
36) 1,2-Dichloropropane-d6	6.34	67	129815	46.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.14%
41) Toluene-d8	7.57	98	333864	43.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.02%
43) trans-1,3-Dichloropropene-	7.85	79	54556	45.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.92%
47) 2-Hexanone-d5	8.31	63	121456	114.73	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.73%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	176276	48.89	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.78%
64) 1,2-Dichlorobenzene-d4	11.87	152	138740	48.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.58%

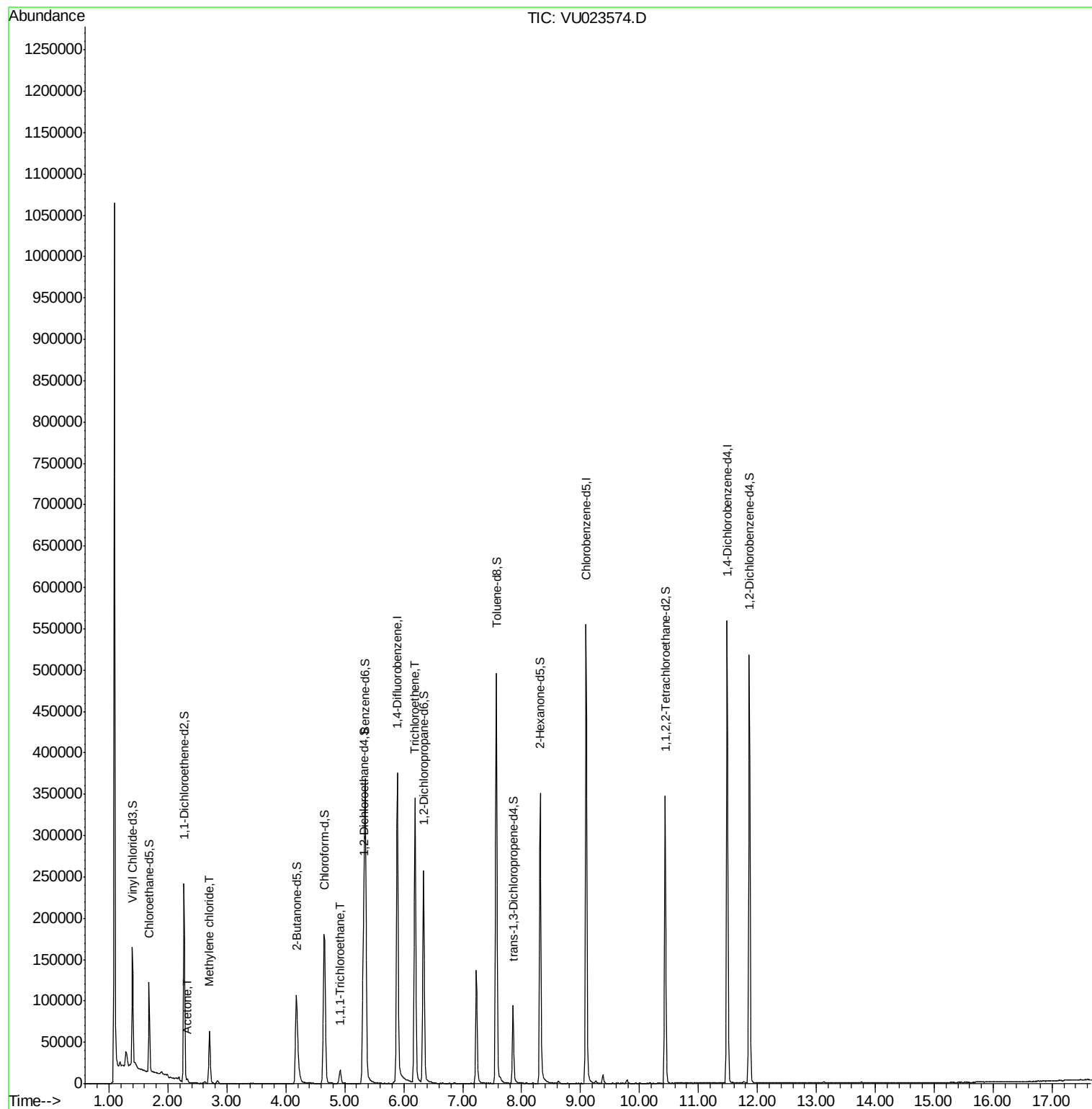
Target Compounds

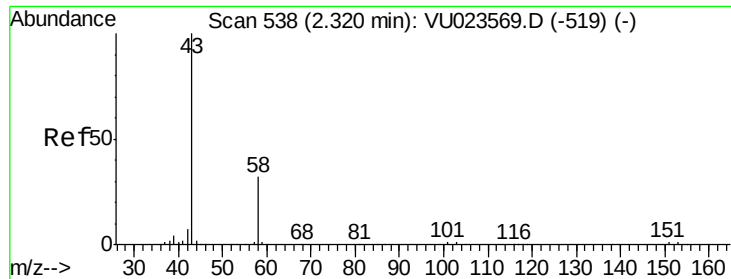
					Ovalue
13) Acetone	2.32	43	3502	1.51 ug/L	92
16) Methylene chloride	2.70	84	28356	9.79 ug/L	99
30) 1,1,1-Trichloroethane	4.92	97	12286	3.13 ug/L	100
34) Trichloroethene	6.19	95	122475	43.73 ug/L	99

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

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#13

Acetone

Concen: 1.51 ug/L

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU023574.D

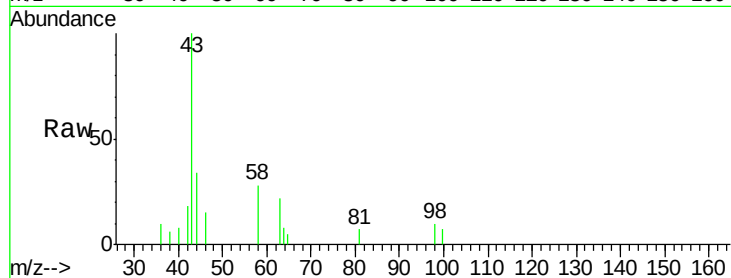
Acq: 02 May 2018 13:01

Tot Ion: 43 Resp: 3502

Ion Ratio Lower Upper

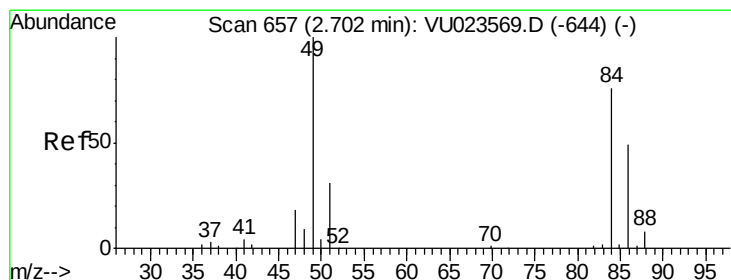
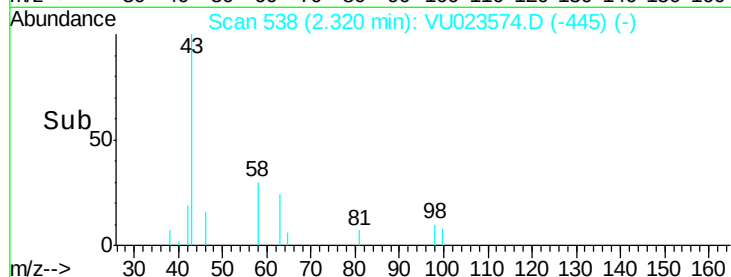
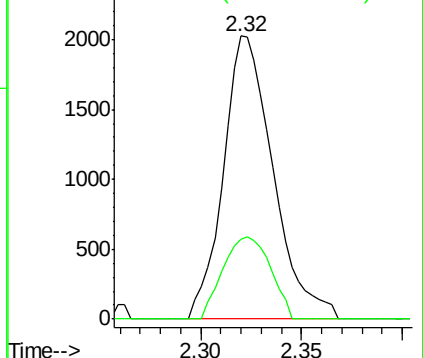
43 100

58 27.7 0.0 64.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#16

Methylene chloride

Concen: 9.79 ug/L

RT: 2.70 min Scan# 657

Delta R.T. -0.00 min

Lab File: VU023574.D

Acq: 02 May 2018 13:01

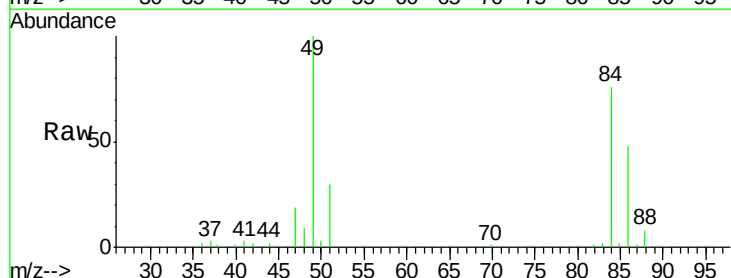
Tgt Ion: 84 Resp: 28356

Ion Ratio Lower Upper

84 100

86 63.0 45.6 84.8

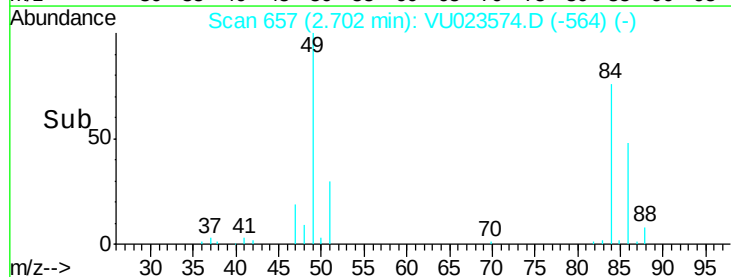
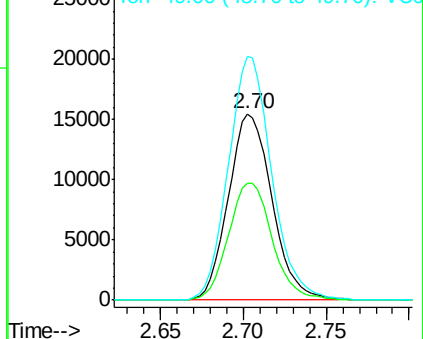
49 130.8 91.9 170.7

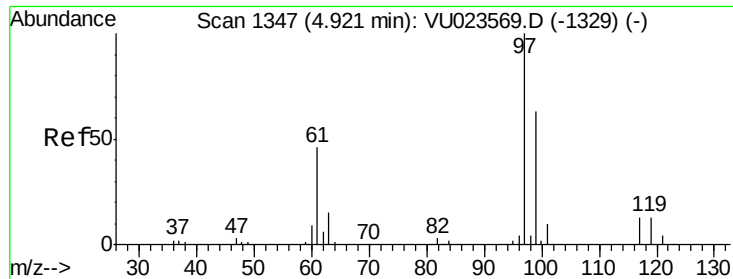


Abundance Ion 84.00 (83.70 to 84.70): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.00 (48.70 to 49.70): VU0





#30

1,1,1-Trichloroethane

Concen: 3.13 ug/L

RT: 4.92 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VU023574.D

Acq: 02 May 2018 13:01

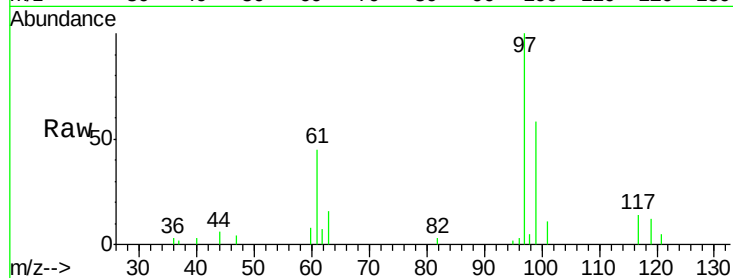
Tot Ion: 97 Resp: 12286

Ion Ratio Lower Upper

97 100

99 64.6 51.8 77.6

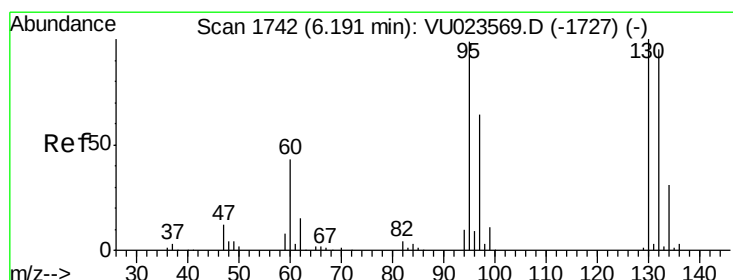
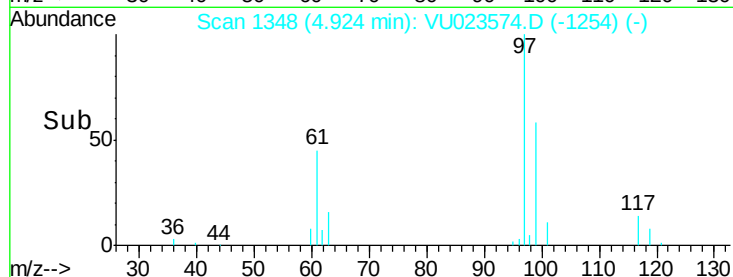
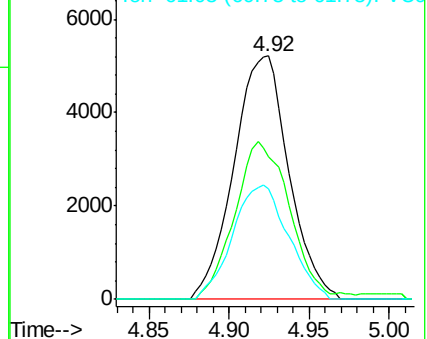
61 47.6 37.7 56.5



Abundance Ion 97.00 (96.70 to 97.70): VU023569.D (-1329) (-)

Ion 99.00 (98.70 to 99.70): VU023569.D (-1329) (-)

Ion 61.05 (60.75 to 61.75): VU023569.D (-1329) (-)



#34

Trichloroethene

Concen: 43.73 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VU023574.D

Acq: 02 May 2018 13:01

Tgt Ion: 95 Resp: 122475

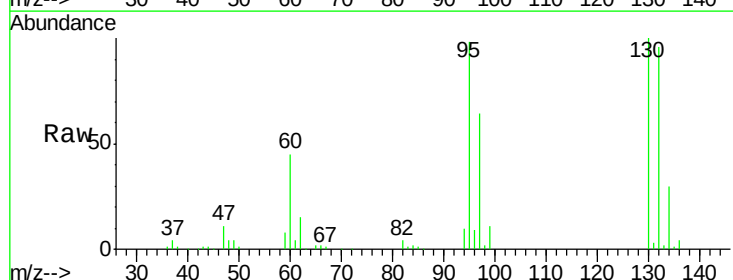
Ion Ratio Lower Upper

95 100

97 64.8 46.3 85.9

132 97.6 68.5 127.1

130 101.6 70.8 131.4



Abundance Ion 95.00 (94.70 to 95.70): VU023569.D (-1727) (-)

Ion 97.00 (96.70 to 97.70): VU023569.D (-1727) (-)

Ion 132.00 (131.70 to 132.70): VU023569.D (-1727) (-)

Ion 130.00 (129.70 to 130.70): VU023569.D (-1727) (-)

