

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052318\
 Data File : VU024042.D
 Acq On : 23 May 2018 17:36
 Operator : MD/SY
 Sample : J3088-03 50X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: May 24 04:17:14 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM051218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 24 04:14:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	275399	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	278330	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	120731	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	78642	30.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	61.46%
7) Chloroethane-d5	1.68	69	70770	35.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	70.18%
11) 1,1-Dichloroethene-d2	2.27	63	123342	26.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.54%#
21) 2-Butanone-d5	4.18	46	204374	114.76	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.76%
24) Chloroform-d	4.65	84	175560	44.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.90%
26) 1,2-Dichloroethane-d4	5.31	65	123311	47.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.96%
32) Benzene-d6	5.35	84	334901	41.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.44%
36) 1,2-Dichloropropane-d6	6.34	67	125985	45.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.82%
41) Toluene-d8	7.57	98	292933	39.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.26%#
43) trans-1,3-Dichloropropene-	7.85	79	49837	43.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.34%
47) 2-Hexanone-d5	8.31	63	137437	108.65	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.65%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	192289	49.76	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.52%
64) 1,2-Dichlorobenzene-d4	11.87	152	129149	49.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.06%

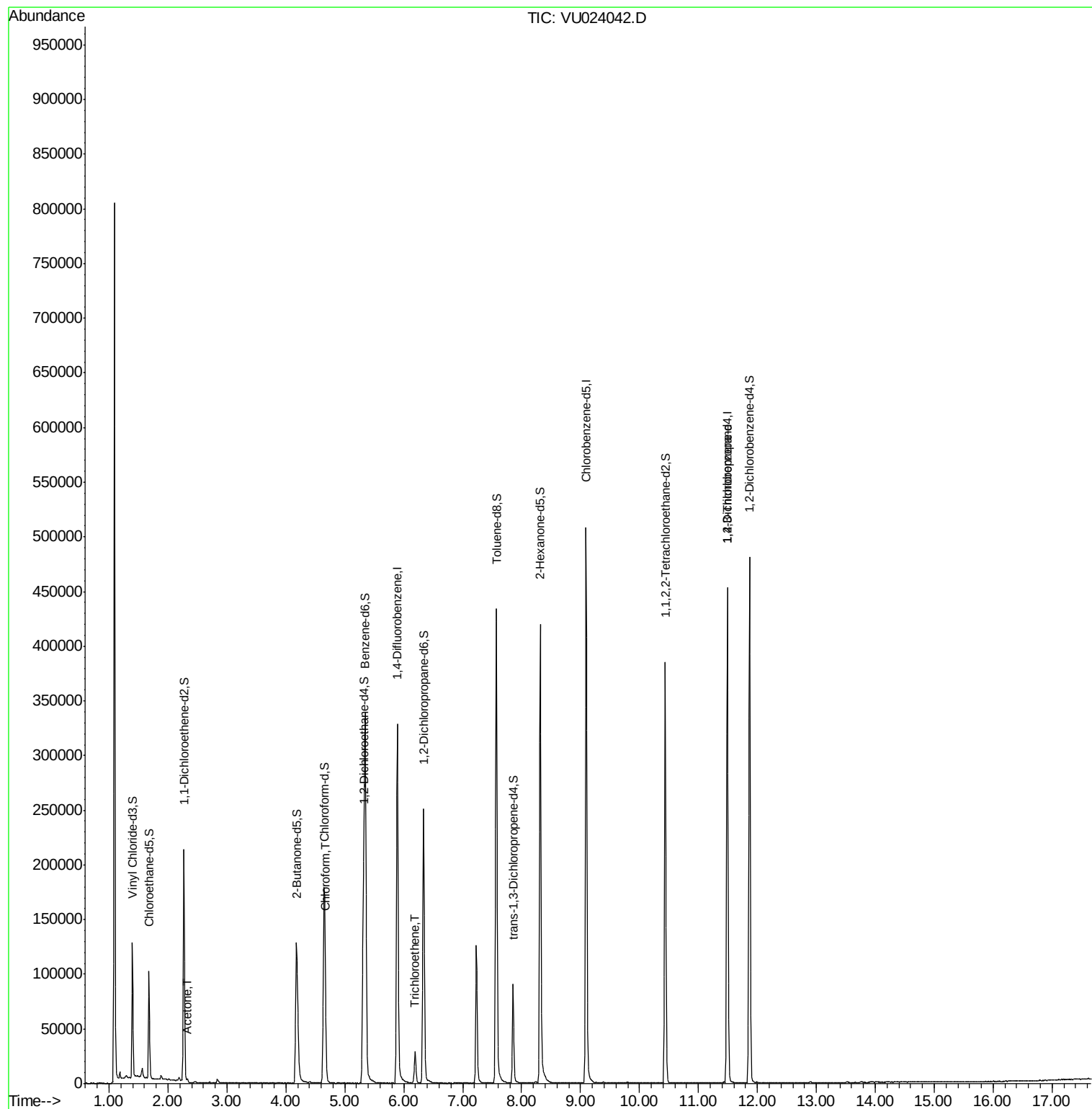
Target Compounds

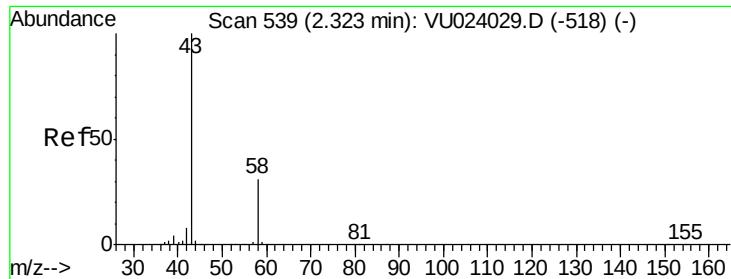
						Qvalue
13) Acetone	2.33	43	1872	1.04	ug/L	84
25) Chloroform	4.68	83	6499	1.49	ug/L	93
34) Trichloroethene	6.19	95	10069	4.31	ug/L	93
59) 1,2,3-Trichloropropane	11.49	75	15022	4.27	ug/L	92

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

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#13

Acetone

Concen: 1.04 ug/L

RT: 2.33 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU024042.D

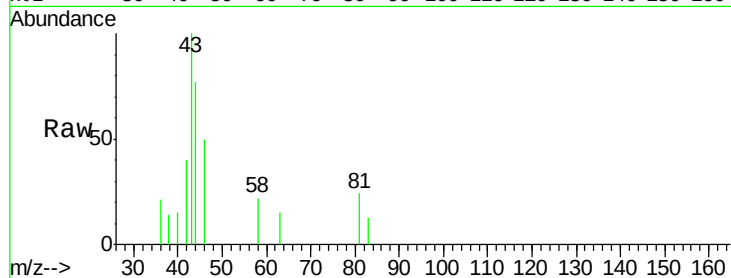
Acq: 23 May 2018 17:36

Tgt Ion: 43 Resp: 1872

Ion Ratio Lower Upper

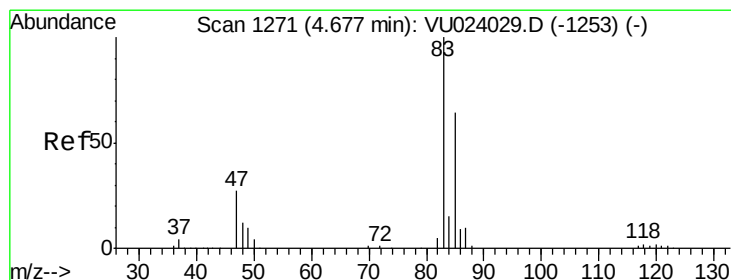
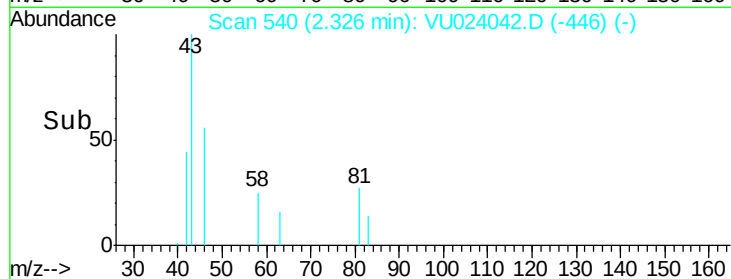
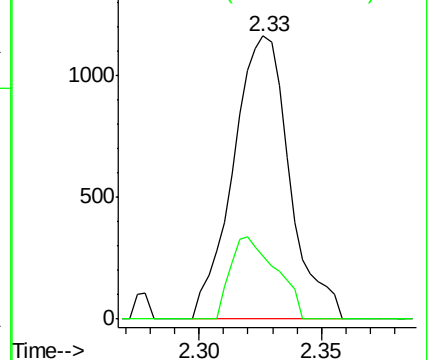
43 100

58 23.6 0.0 65.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#25

Chloroform

Concen: 1.49 ug/L

RT: 4.68 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VU024042.D

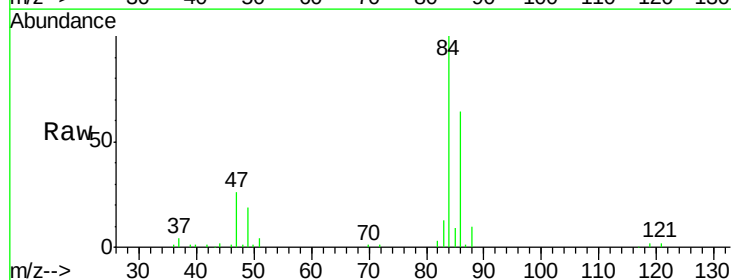
Acq: 23 May 2018 17:36

Tgt Ion: 83 Resp: 6499

Ion Ratio Lower Upper

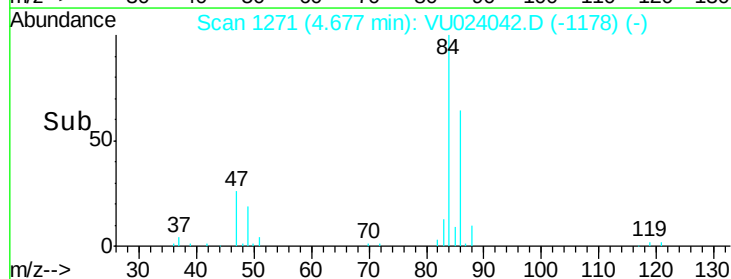
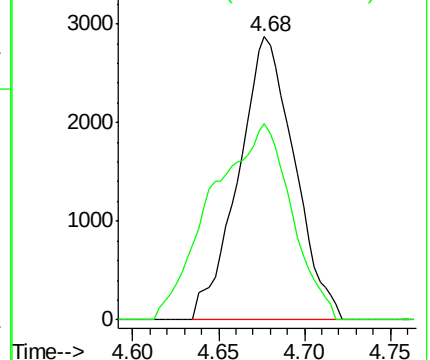
83 100

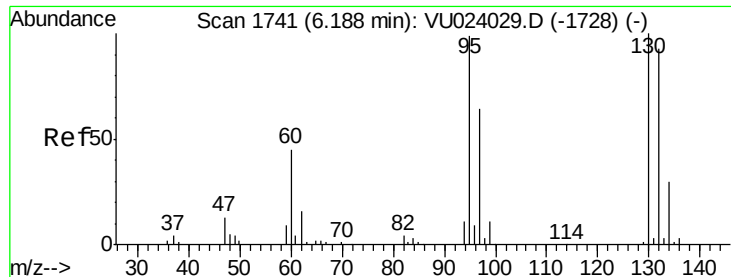
85 69.3 44.4 82.5



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0





#34

Trichloroethene

Concen: 4.31 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU024042.D

Acq: 23 May 2018 17:36

Tgt Ion: 95 Resp: 10069

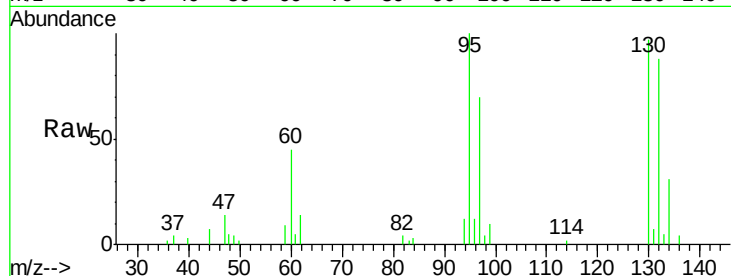
Ion Ratio Lower Upper

95 100

97 69.6 45.4 84.2

132 88.0 69.0 128.1

130 97.3 71.7 133.1



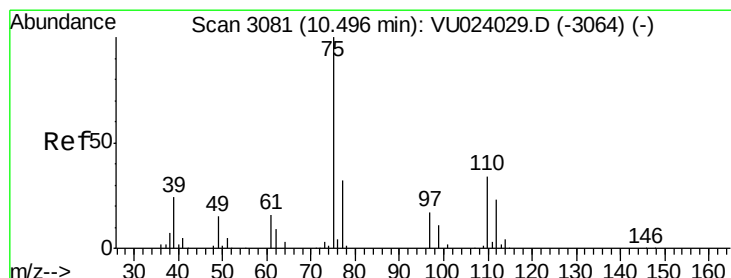
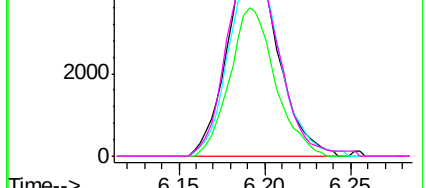
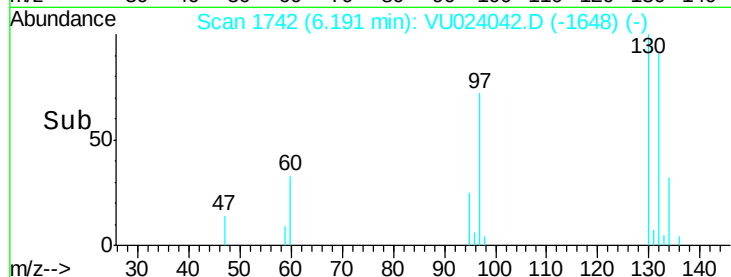
Abundance Ion 95.00 (94.70 to 95.70): VU024029.D (-1728) (-)

Ion 97.00 (96.70 to 97.70): VU024029.D (-1728) (-)

Ion 132.00 (131.70 to 132.70): VU024029.D (-1728) (-)

Ion 130.00 (129.70 to 130.70): VU024029.D (-1728) (-)

Time-->



#59

1,2,3-Trichloropropane

Concen: 4.27 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU024042.D

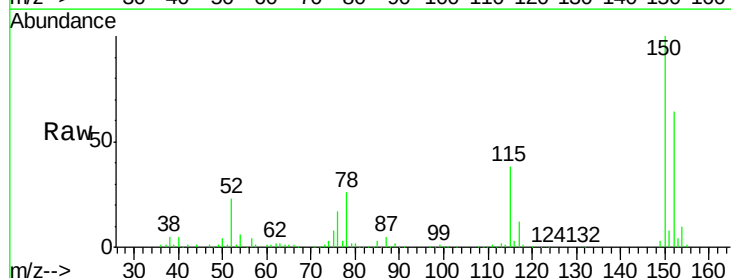
Acq: 23 May 2018 17:36

Tgt Ion: 75 Resp: 15022

Ion Ratio Lower Upper

75 100

77 37.4 26.2 39.4



Abundance Ion 75.00 (74.70 to 75.70): VU024029.D (-3064) (-)

Ion 77.00 (76.70 to 77.70): VU024029.D (-3064) (-)

Time-->

