

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052318\
 Data File : VU024044.D
 Acq On : 23 May 2018 18:28
 Operator : MD/SY
 Sample : J3088-11 50X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: May 24 04:17:30 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	274676	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	279595	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	119937	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	77603	30.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	60.80%
7) Chloroethane-d5	1.68	69	70034	34.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	69.64%#
11) 1,1-Dichloroethene-d2	2.27	63	120624	25.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	51.52%#
21) 2-Butanone-d5	4.18	46	201841	113.64	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.64%
24) Chloroform-d	4.65	84	173518	44.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.08%
26) 1,2-Dichloroethane-d4	5.31	65	123882	48.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.66%
32) Benzene-d6	5.35	84	332313	40.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.44%
36) 1,2-Dichloropropane-d6	6.34	67	125453	45.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.02%
41) Toluene-d8	7.57	98	292857	38.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.88%#
43) trans-1,3-Dichloropropene-	7.85	79	49363	42.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.14%
47) 2-Hexanone-d5	8.32	63	136046	107.06	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.06%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	190680	49.12	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.24%
64) 1,2-Dichlorobenzene-d4	11.87	152	126978	49.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.04%

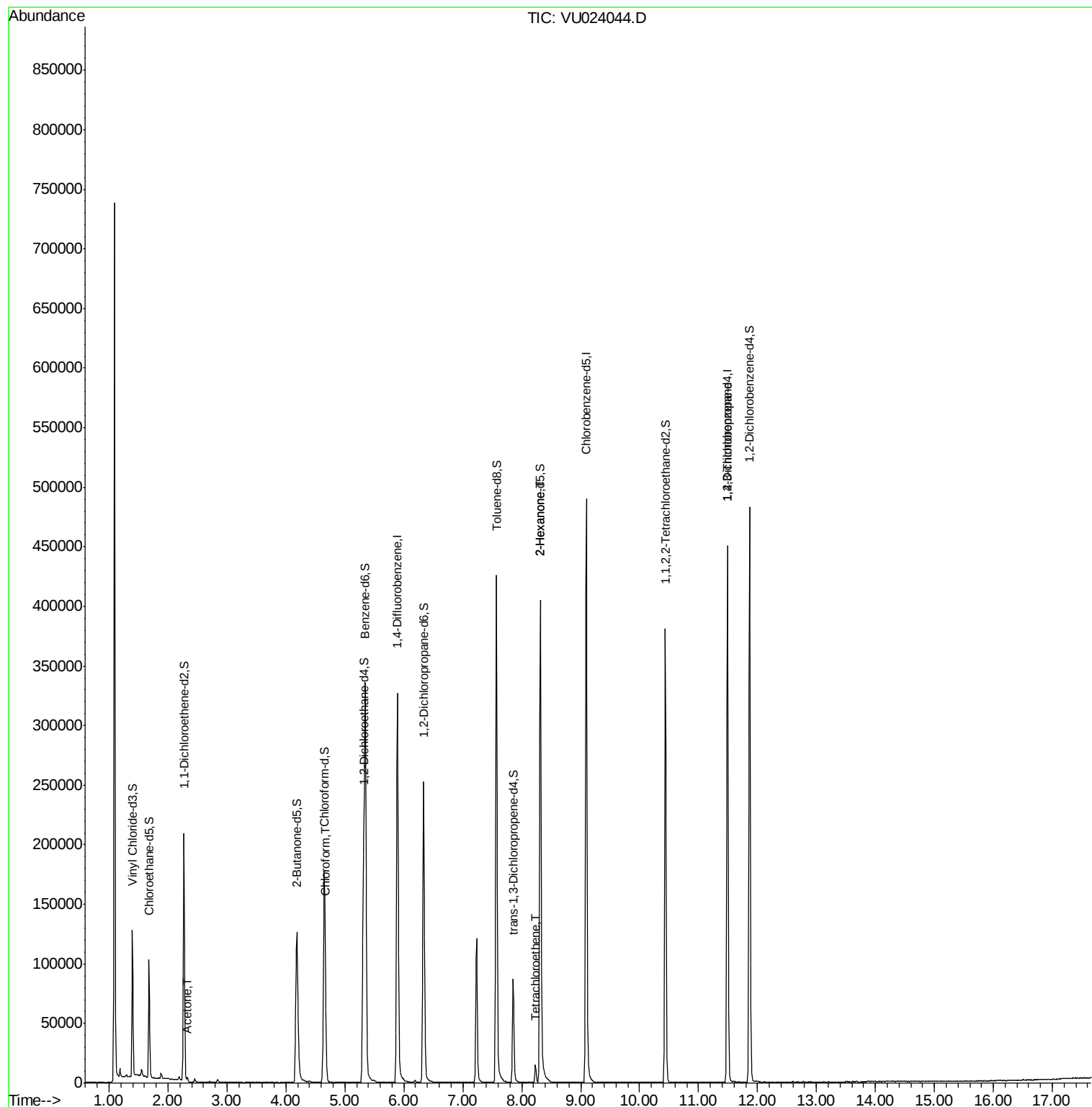
Target Compounds

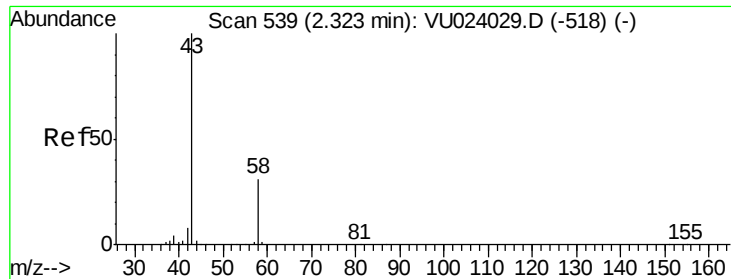
						Qvalue
13) Acetone	2.33	43	1895	1.06	ug/L	95
25) Chloroform	4.68	83	6111	1.41	ug/L	80
46) Tetrachloroethene	8.23	164	3445	1.80	ug/L	94
48) 2-Hexanone	8.31	43	17168	5.51	ug/L #	68
59) 1,2,3-Trichloropropane	11.49	75	15005	4.25	ug/L	89

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

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#13

Acetone

Concen: 1.06 ug/L

RT: 2.33 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU024044.D

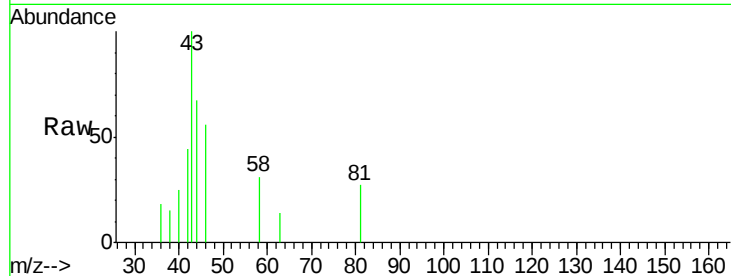
Acq: 23 May 2018 18:28

Tgt Ion: 43 Resp: 1895

Ion Ratio Lower Upper

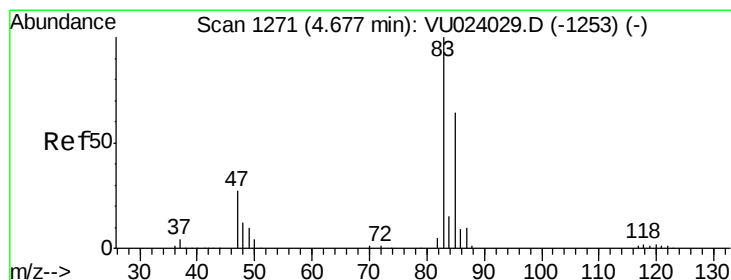
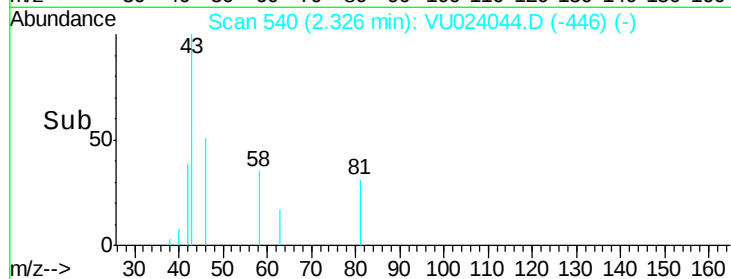
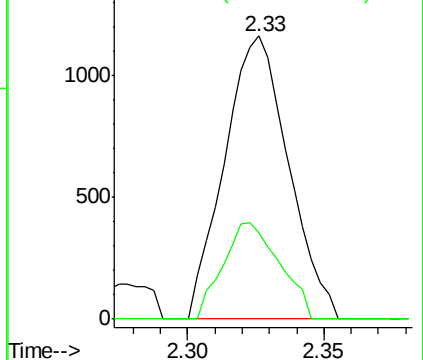
43 100

58 30.2 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: 1.41 ug/L

RT: 4.68 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VU024044.D

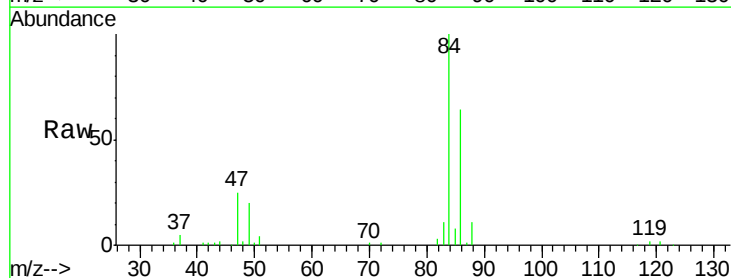
Acq: 23 May 2018 18:28

Tgt Ion: 83 Resp: 6111

Ion Ratio Lower Upper

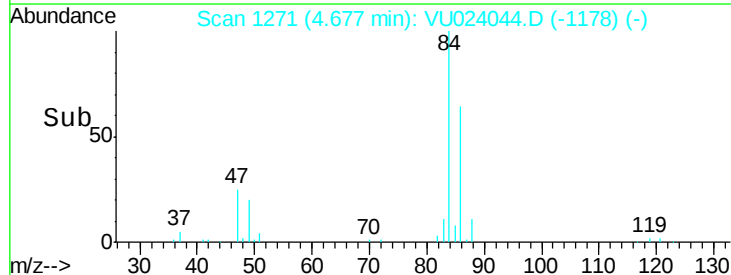
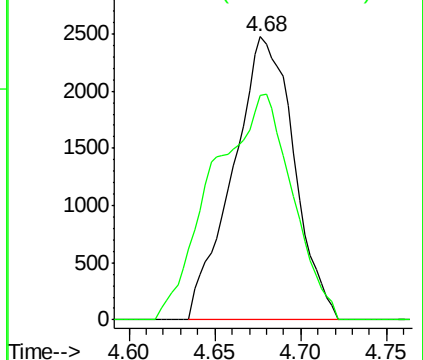
83 100

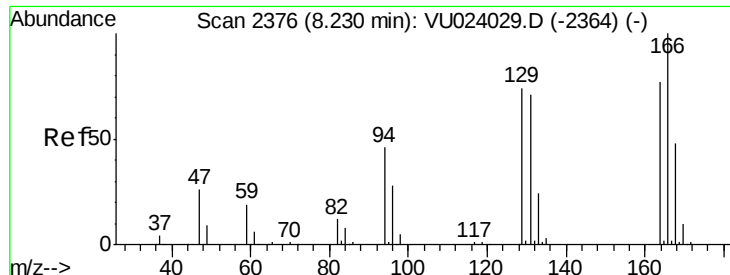
85 79.2 44.4 82.5



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0





#46

Tetrachloroethene

Concen: 1.80 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. -0.00 min

Lab File: VU024044.D

Acq: 23 May 2018 18:28

Tgt Ion: 164 Resp: 3445

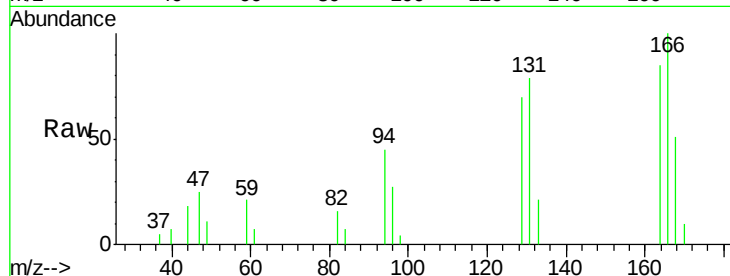
Ion Ratio Lower Upper

164 100

129 83.1 65.3 121.3

131 92.9 63.0 117.0

166 118.3 87.4 162.2

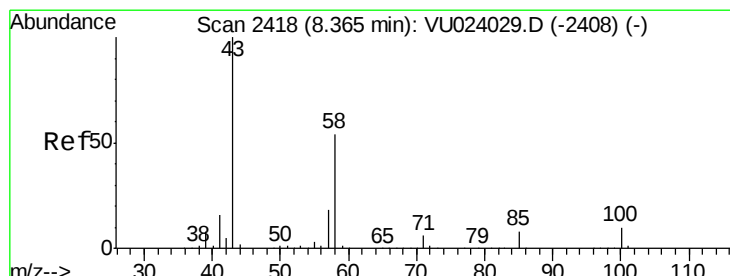
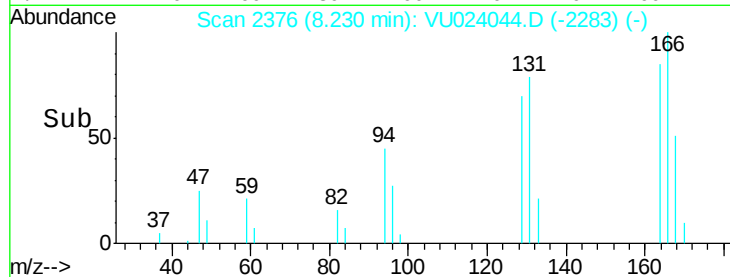
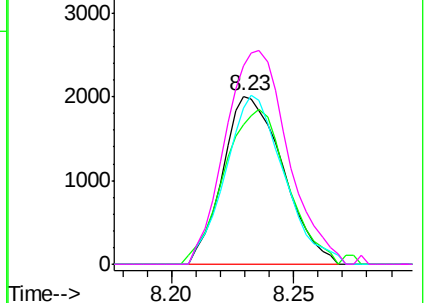


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#48

2-Hexanone

Concen: 5.51 ug/L

RT: 8.31 min Scan# 2402

Delta R.T. -0.05 min

Lab File: VU024044.D

Acq: 23 May 2018 18:28

Tgt Ion: 43 Resp: 17168

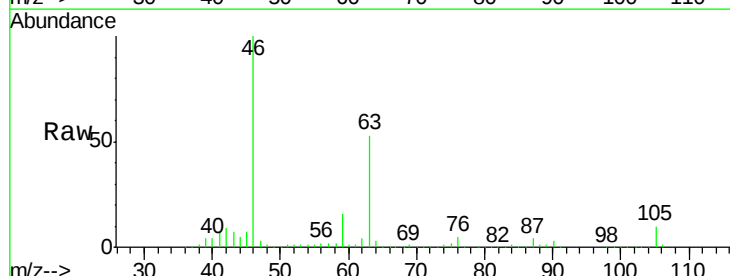
Ion Ratio Lower Upper

43 100

58 29.5 42.6 63.8#

57 33.7 14.9 22.3#

100 2.7 8.5 12.7#

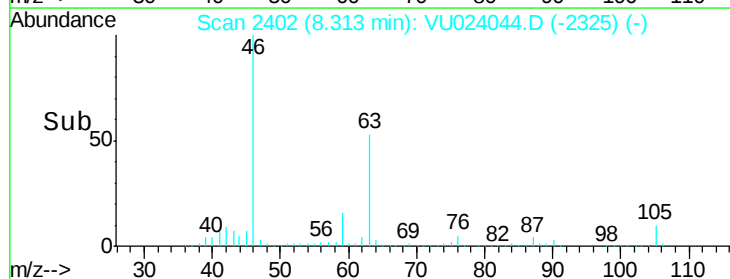
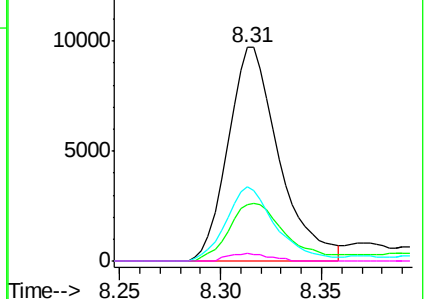


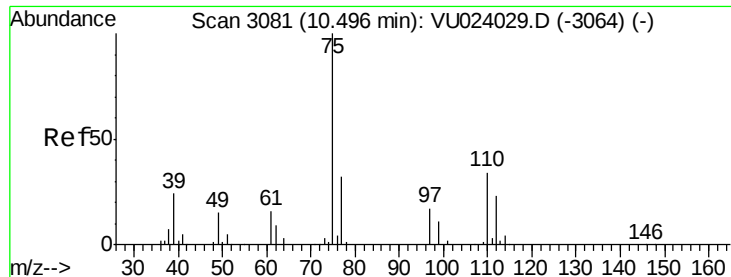
Abundance Ion 43.00 (42.70 to 43.70): VU0

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





#59

1,2,3-Trichloropropane

Concen: 4.25 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU024044.D

Acq: 23 May 2018 18:28

Tgt Ion: 75 Resp: 15005

Ion Ratio Lower Upper

75 100

77 39.0 26.2 39.4

