

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052318\
 Data File : VU024045.D
 Acq On : 23 May 2018 18:54
 Operator : MD/SY
 Sample : J3088-12 50X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 24 04:17:38 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	276232	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	282948	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	118326	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	76776	29.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	59.82%#
7) Chloroethane-d5	1.68	69	69224	34.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	68.44%#
11) 1,1-Dichloroethene-d2	2.27	63	118314	25.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	50.24%#
21) 2-Butanone-d5	4.18	46	203919	114.16	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.16%
24) Chloroform-d	4.65	84	175026	44.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.34%
26) 1,2-Dichloroethane-d4	5.31	65	124620	48.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.70%
32) Benzene-d6	5.35	84	330722	40.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.08%
36) 1,2-Dichloropropane-d6	6.34	67	124815	44.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.48%
41) Toluene-d8	7.57	98	288025	37.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.70%#
43) trans-1,3-Dichloropropene-	7.85	79	49743	42.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.78%
47) 2-Hexanone-d5	8.32	63	136499	106.15	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.15%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	189457	48.22	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.44%
64) 1,2-Dichlorobenzene-d4	11.87	152	125665	49.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.34%

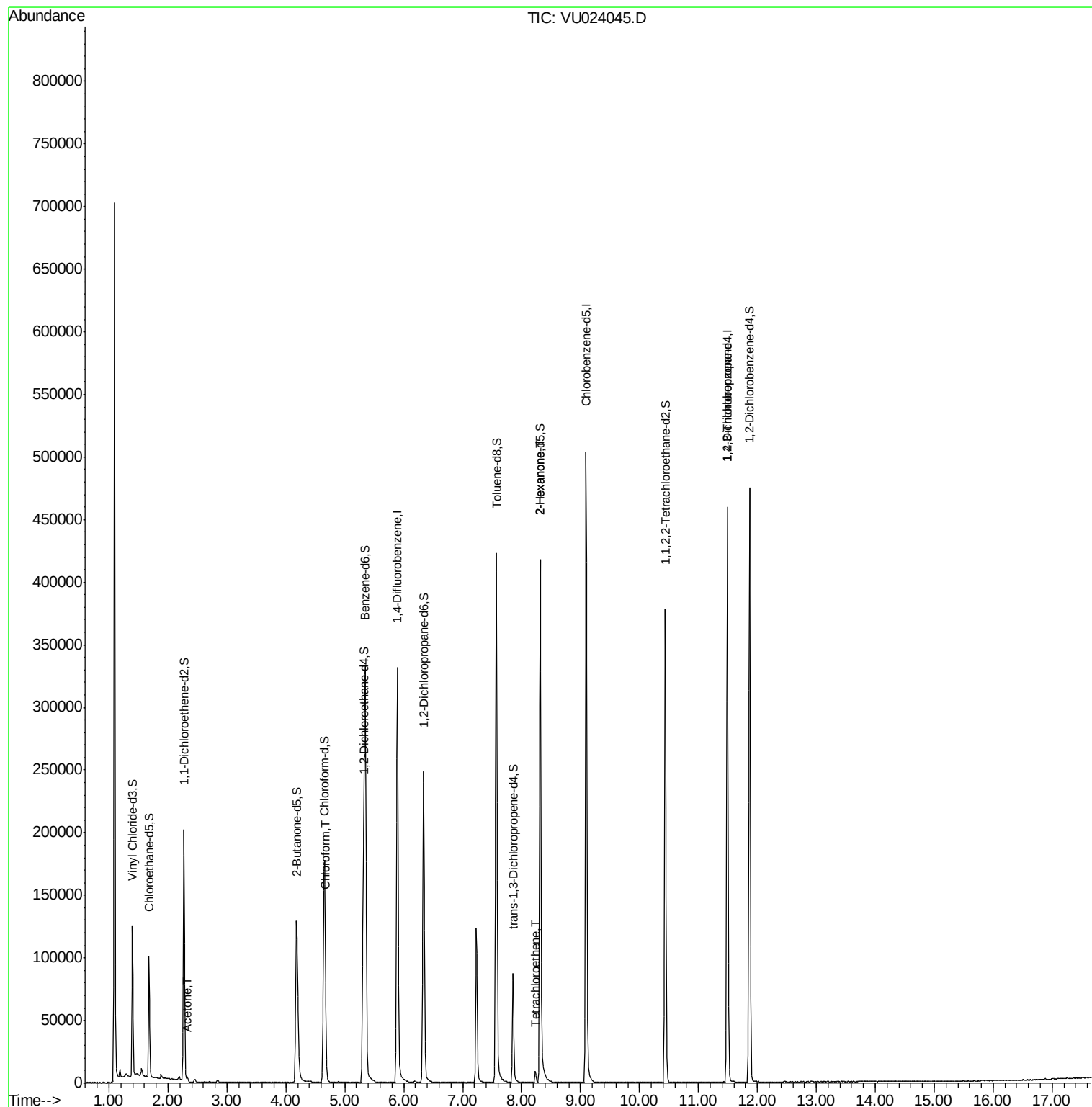
Target Compounds

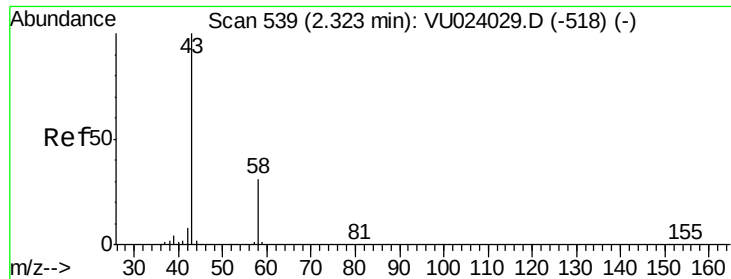
						Qvalue
13) Acetone	2.32	43	2012	1.12	ug/L	99
25) Chloroform	4.68	83	5764	1.32	ug/L	88
46) Tetrachloroethene	8.24	164	2161	1.11	ug/L	92
48) 2-Hexanone	8.32	43	17368	5.51	ug/L #	68
59) 1,2,3-Trichloropropane	11.49	75	15238	4.26	ug/L	94

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

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#13

Acetone

Concen: 1.12 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU024045.D

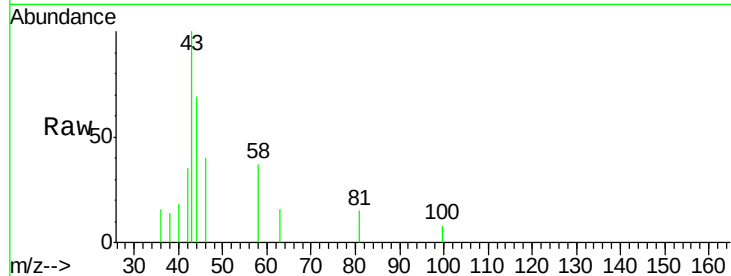
Acq: 23 May 2018 18:54

Tgt Ion: 43 Resp: 2012

Ion Ratio Lower Upper

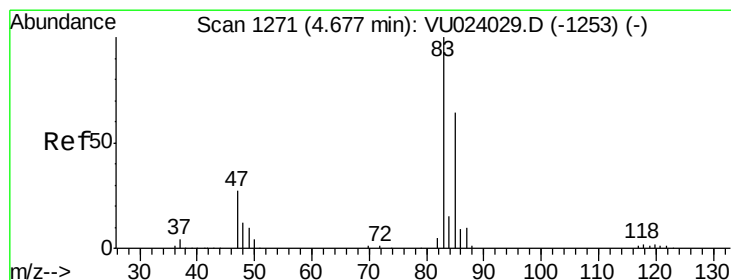
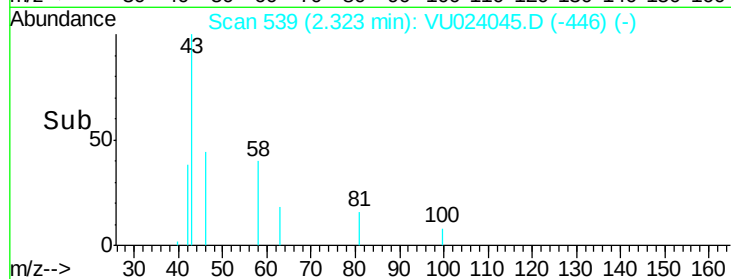
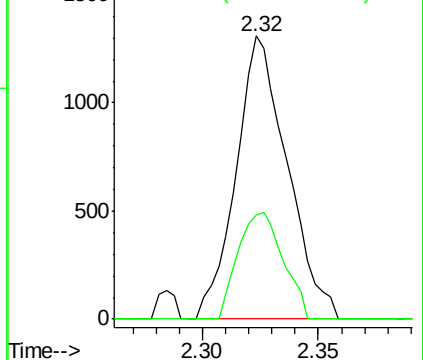
43 100

58 33.2 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: 1.32 ug/L

RT: 4.68 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VU024045.D

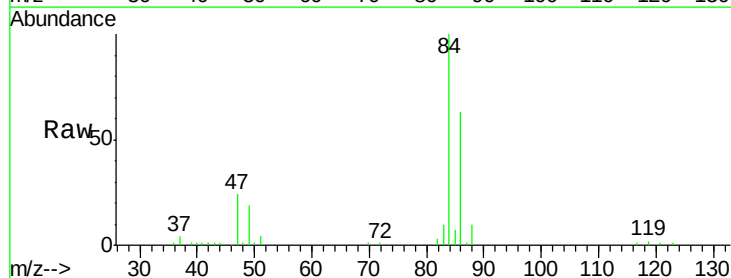
Acq: 23 May 2018 18:54

Tgt Ion: 83 Resp: 5764

Ion Ratio Lower Upper

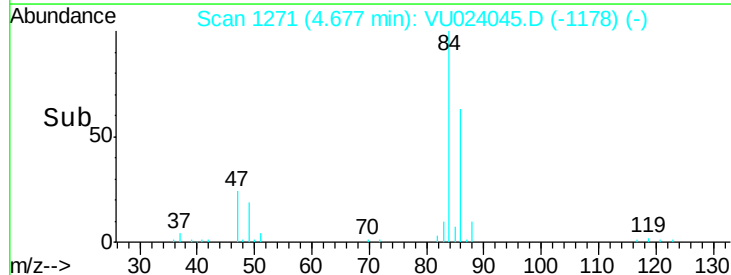
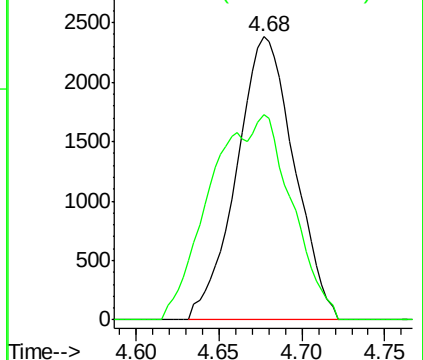
83 100

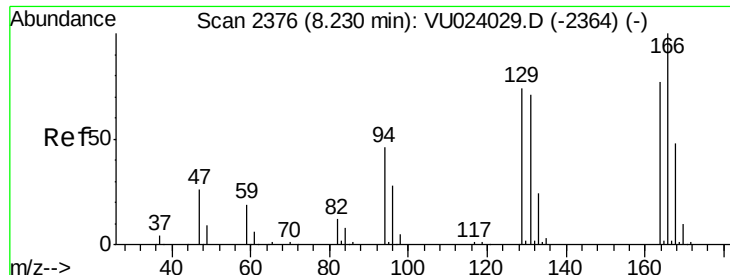
85 72.7 44.4 82.5



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0





#46

Tetrachloroethene

Concen: 1.11 ug/L

RT: 8.24 min Scan# 2378

Delta R.T. 0.01 min

Lab File: VU024045.D

Acq: 23 May 2018 18:54

Tgt Ion: 164 Resp: 2161

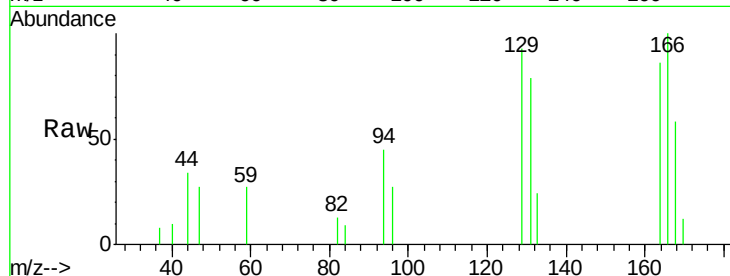
Ion Ratio Lower Upper

164 100

129 107.9 65.3 121.3

131 91.6 63.0 117.0

166 115.6 87.4 162.2

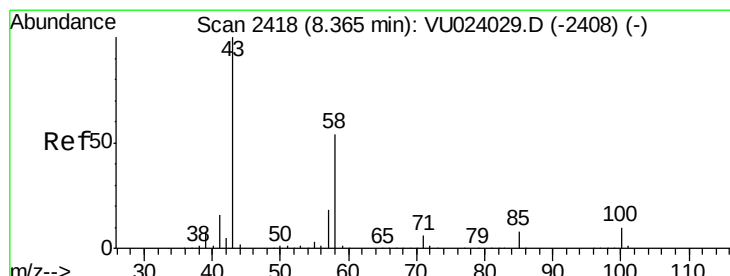
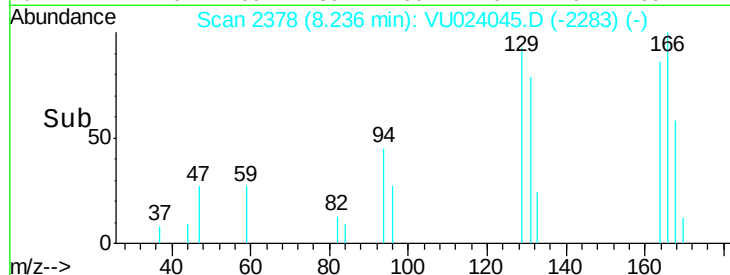
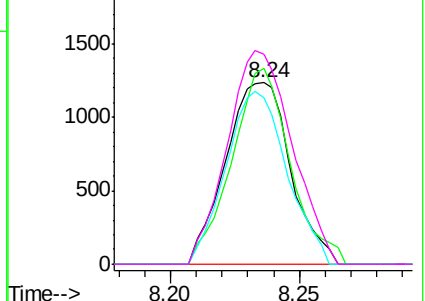


Abundance Ion 164.00 (163.70 to 164.70): V

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: 8.32 min Scan# 2403

Delta R.T. -0.05 min

Lab File: VU024045.D

Acq: 23 May 2018 18:54

Tgt Ion: 43 Resp: 17368

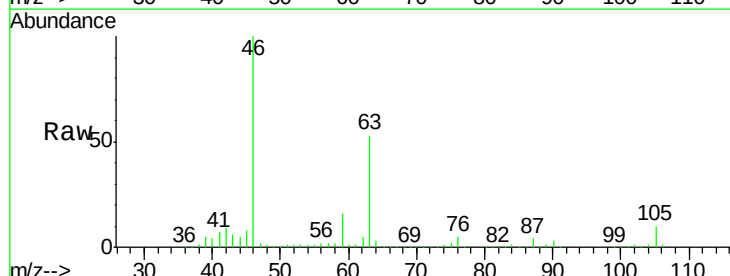
Ion Ratio Lower Upper

43 100

58 28.9 42.6 63.8#

57 33.6 14.9 22.3#

100 3.2 8.5 12.7#

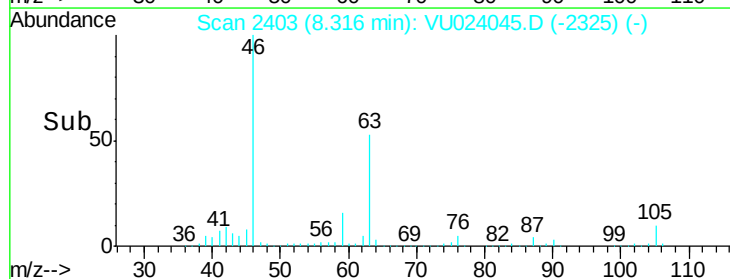
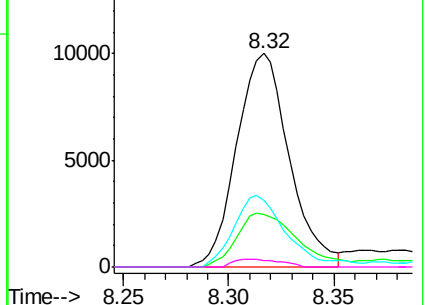


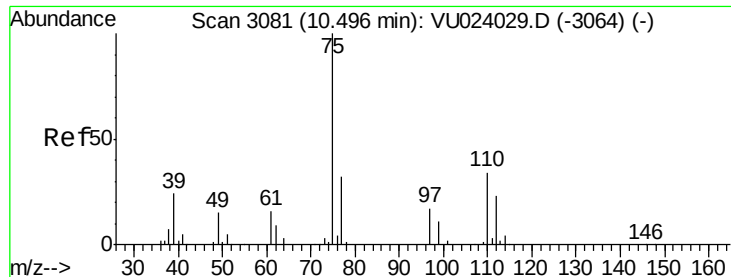
Abundance Ion 43.00 (42.70 to 43.70): VU0

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: 4.26 ug/L

RT: 11.49 min Scan# 3390

Delta R.T. 0.99 min

Lab File: VU024045.D

Acq: 23 May 2018 18:54

Tgt Ion: 75 Resp: 15238

Ion Ratio Lower Upper

75 100

77 36.0 26.2 39.4

