

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052318\
 Data File : VU024036.D
 Acq On : 23 May 2018 14:35
 Operator : MD/SY
 Sample : J3081-01 50X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 24 04:16:21 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	301915	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	305237	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	133531	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	22879	8.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	16.32%#
7) Chloroethane-d5	1.68	69	28844	13.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	26.10%#
11) 1,1-Dichloroethene-d2	2.27	63	29064	5.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	11.30%#
21) 2-Butanone-d5	4.18	46	198656	101.75	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.75%
24) Chloroform-d	4.65	84	106230	24.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	49.62%#
26) 1,2-Dichloroethane-d4	5.31	65	76545	27.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	54.34%#
32) Benzene-d6	5.35	84	123795	13.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	27.78%#
36) 1,2-Dichloropropane-d6	6.34	67	69934	23.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	46.48%#
41) Toluene-d8	7.57	98	76780	9.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	18.70%#
43) trans-1,3-Dichloropropene-	7.86	79	25981	20.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	41.04%#
47) 2-Hexanone-d5	8.31	63	123669	89.15	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.15%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	172369	40.67	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.34%
64) 1,2-Dichlorobenzene-d4	11.87	152	88643	30.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	61.48%#

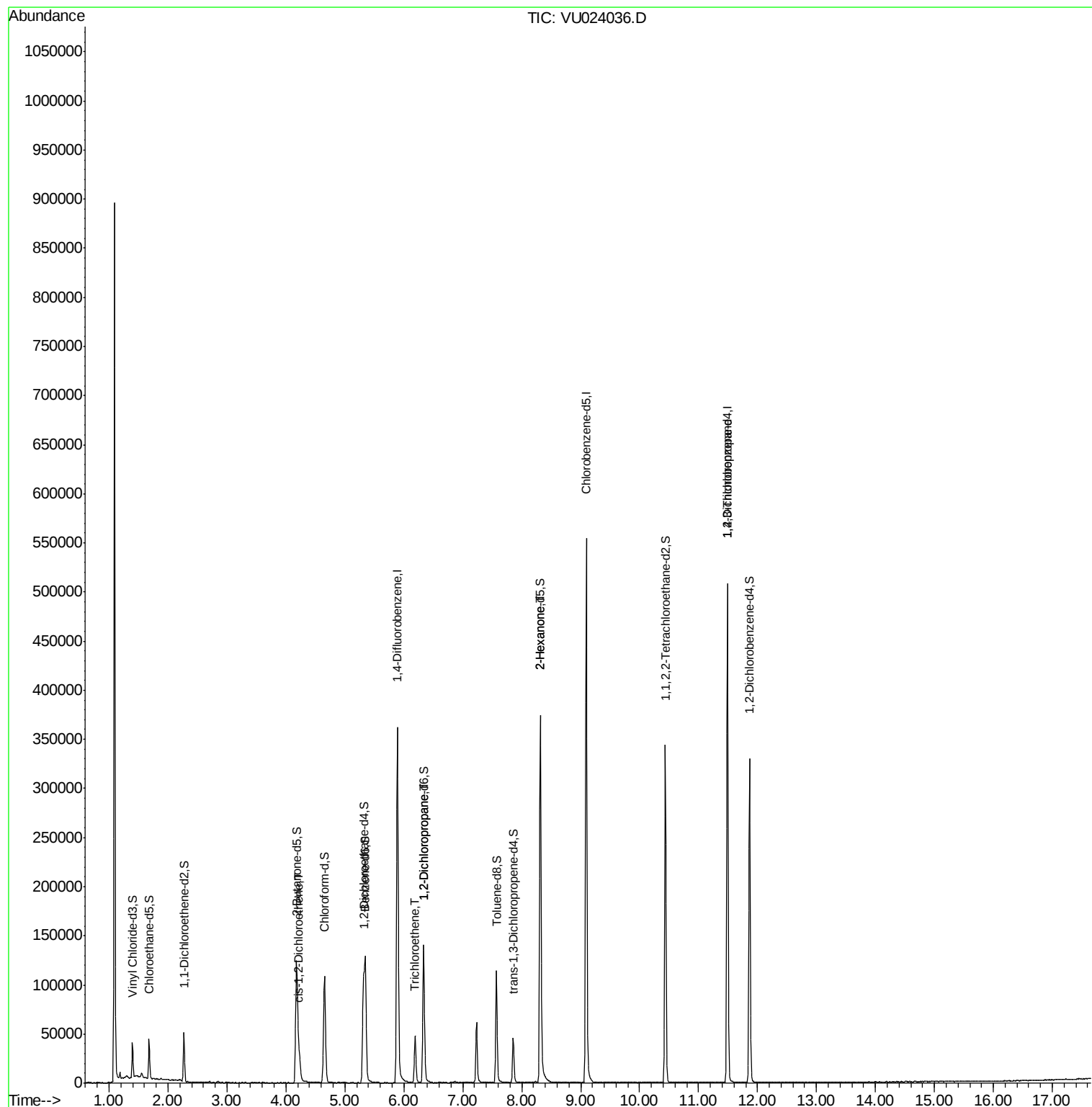
Target Compounds

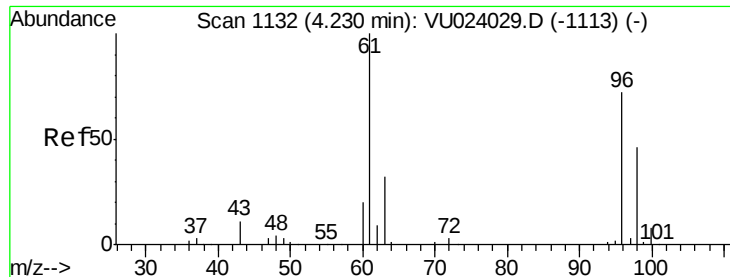
						Qvalue
20) cis-1,2-Dichloroethene	4.23	96	10372	3.99	ug/L	97
34) Trichloroethene	6.19	95	17231	6.73	ug/L	94
37) 1,2-Dichloropropane	6.34	63	7526	2.53	ug/L #	88
48) 2-Hexanone	8.32	43	17110	5.03	ug/L #	67
59) 1,2,3-Trichloropropane	11.49	75	16705	4.33	ug/L	92

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

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052318\
Data File : VU024036.D
Acq On : 23 May 2018 14:35
Operator : MD/SY
Sample : J3081-01 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

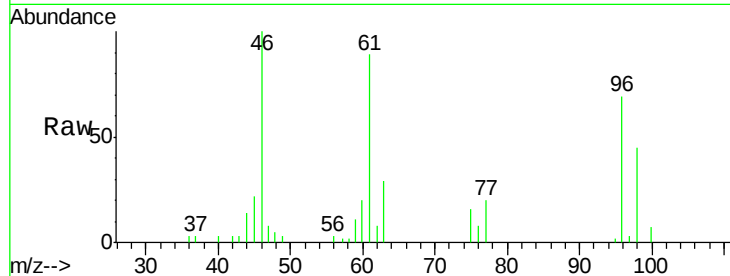
Quant Time: May 24 04:16:21 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM051218WMA.M
Quant Title : VOC Analysis
QLast Update : Thu May 24 04:14:38 2018
Response via : Initial Calibration



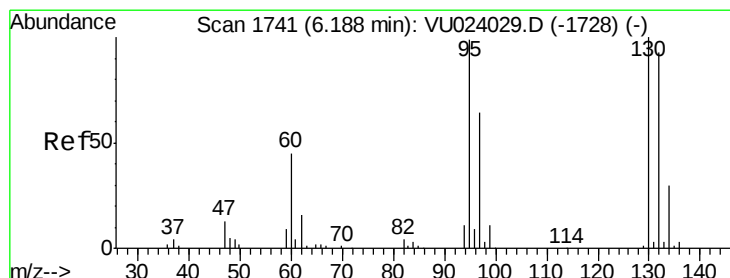
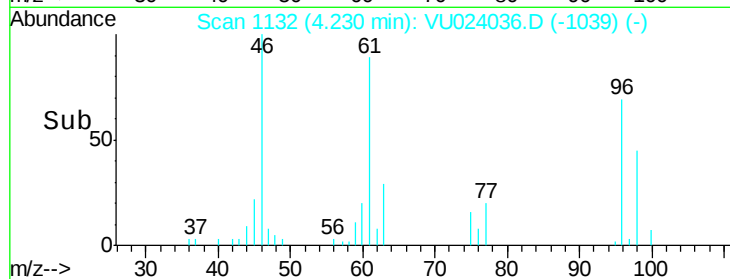
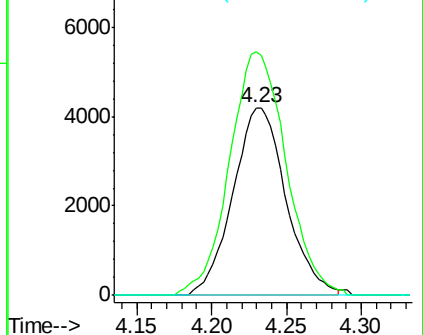


#20
 cis-1,2-Dichloroethene
 Concen: 3.99 ug/L
 RT: 4.23 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: VU024036.D
 Acq: 23 May 2018 14:35

Tgt Ion: 96 Resp: 10372
 Ion Ratio Lower Upper
 96 100
 61 129.7 93.3 173.3
 68 0.0 0.0 0.0

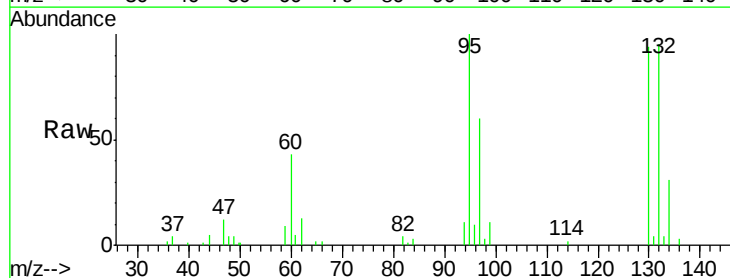


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0

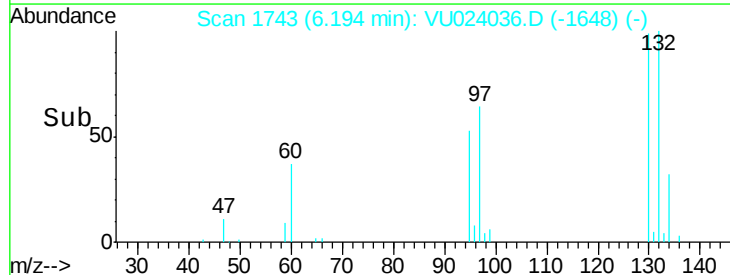
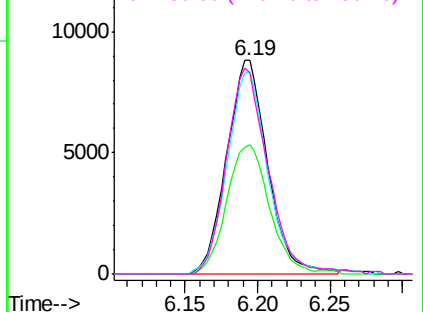


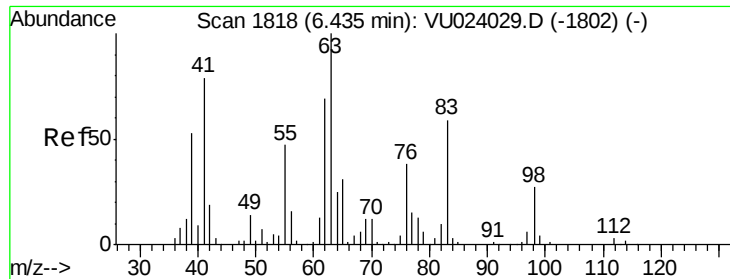
#34
 Trichloroethene
 Concen: 6.73 ug/L
 RT: 6.19 min Scan# 1743
 Delta R.T. 0.01 min
 Lab File: VU024036.D
 Acq: 23 May 2018 14:35

Tgt Ion: 95 Resp: 17231
 Ion Ratio Lower Upper
 95 100
 97 60.4 45.4 84.2
 132 94.6 69.0 128.1
 130 94.0 71.7 133.1



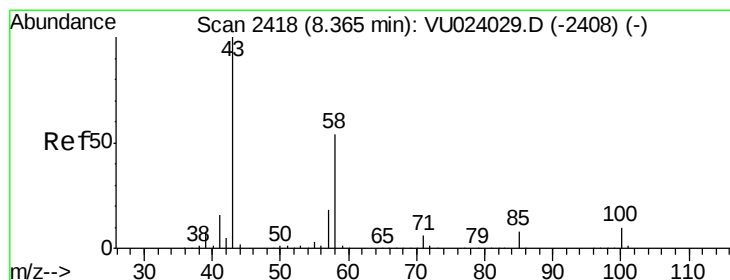
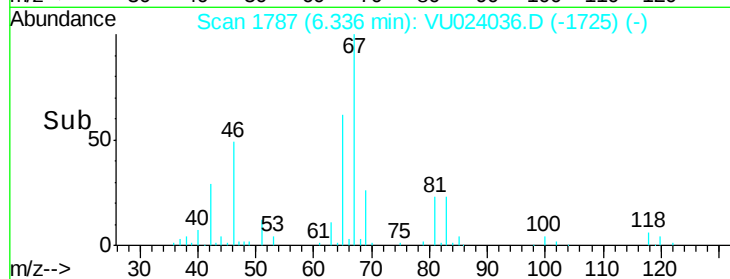
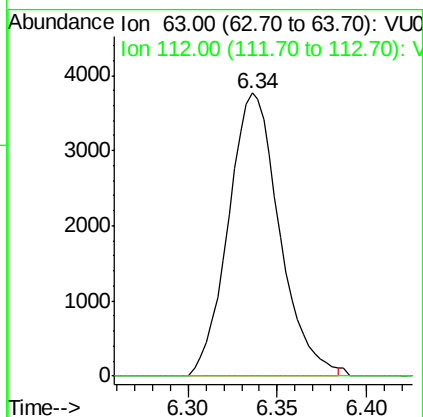
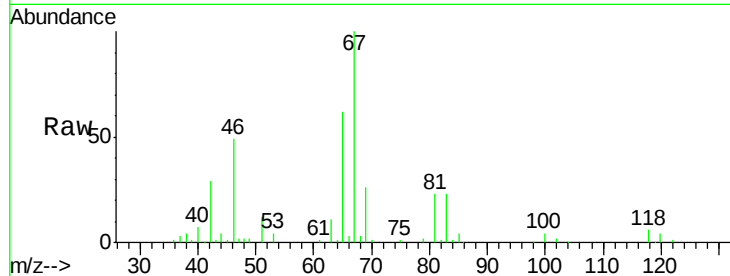
Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V





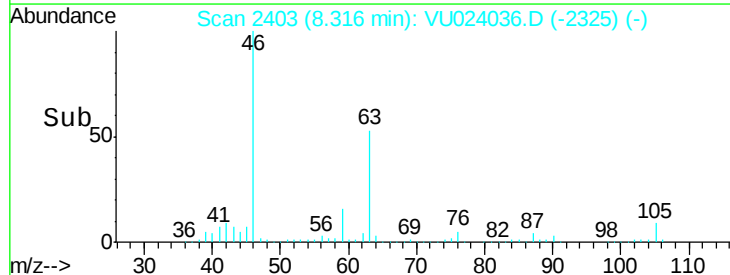
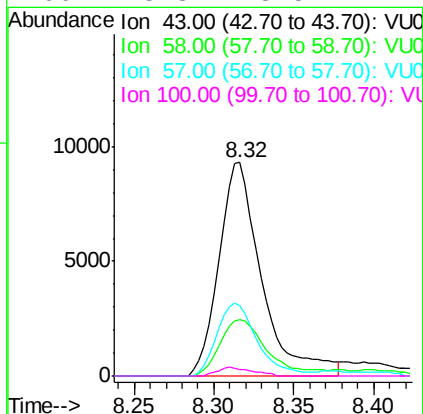
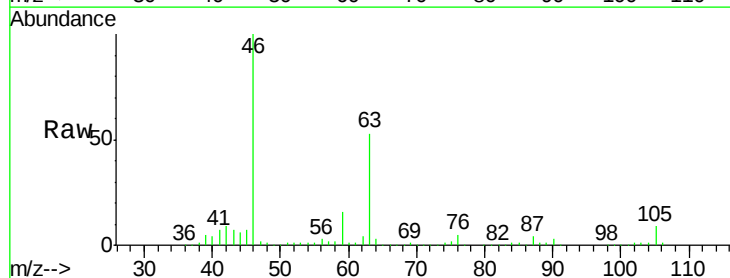
#37
 1,2-Dichloropropane
 Concen: 2.53 ug/L
 RT: 6.34 min Scan# 1787
 Delta R.T. -0.10 min
 Lab File: VU024036.D
 Acq: 23 May 2018 14:35

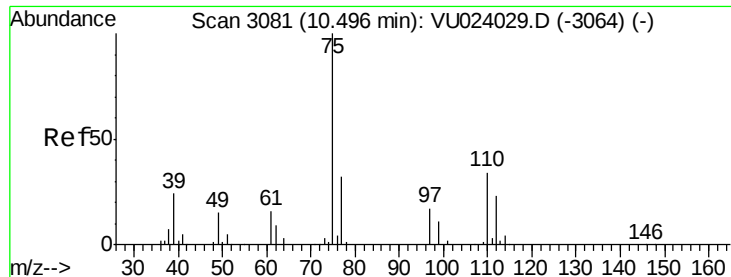
Tgt Ion: 63 Resp: 7526
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#48
 2-Hexanone
 Concen: 5.03 ug/L
 RT: 8.32 min Scan# 2403
 Delta R.T. -0.05 min
 Lab File: VU024036.D
 Acq: 23 May 2018 14:35

Tgt Ion: 43 Resp: 17110
 Ion Ratio Lower Upper
 43 100
 58 27.7 42.6 63.8#
 57 32.2 14.9 22.3#
 100 3.3 8.5 12.7#





#59

1,2,3-Trichloropropane

Concen: 4.33 ug/L

RT: 11.49 min Scan# 3390

Delta R.T. 0.99 min

Lab File: VU024036.D

Acq: 23 May 2018 14:35

Tgt Ion: 75 Resp: 16705

Ion Ratio Lower Upper

75 100

77 37.5 26.2 39.4

