

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052318\
 Data File : VU024038.D
 Acq On : 23 May 2018 15:27
 Operator : MD/SY
 Sample : J3081-05 50X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 24 04:16:38 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	283737	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	290177	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	122874	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	81019	30.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	61.46%
7) Chloroethane-d5	1.68	69	72957	35.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	70.24%
11) 1,1-Dichloroethene-d2	2.27	63	125571	25.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	51.92%#
21) 2-Butanone-d5	4.18	46	200866	109.48	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.48%
24) Chloroform-d	4.65	84	178302	44.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.62%
26) 1,2-Dichloroethane-d4	5.31	65	124871	47.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.32%
32) Benzene-d6	5.35	84	346562	40.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.82%
36) 1,2-Dichloropropane-d6	6.34	67	127184	44.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.90%
41) Toluene-d8	7.57	98	298920	38.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.60%#
43) trans-1,3-Dichloropropene-	7.85	79	49603	41.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.44%
47) 2-Hexanone-d5	8.32	63	137648	104.37	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.37%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	192267	47.72	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.44%
64) 1,2-Dichlorobenzene-d4	11.87	152	130911	49.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.66%

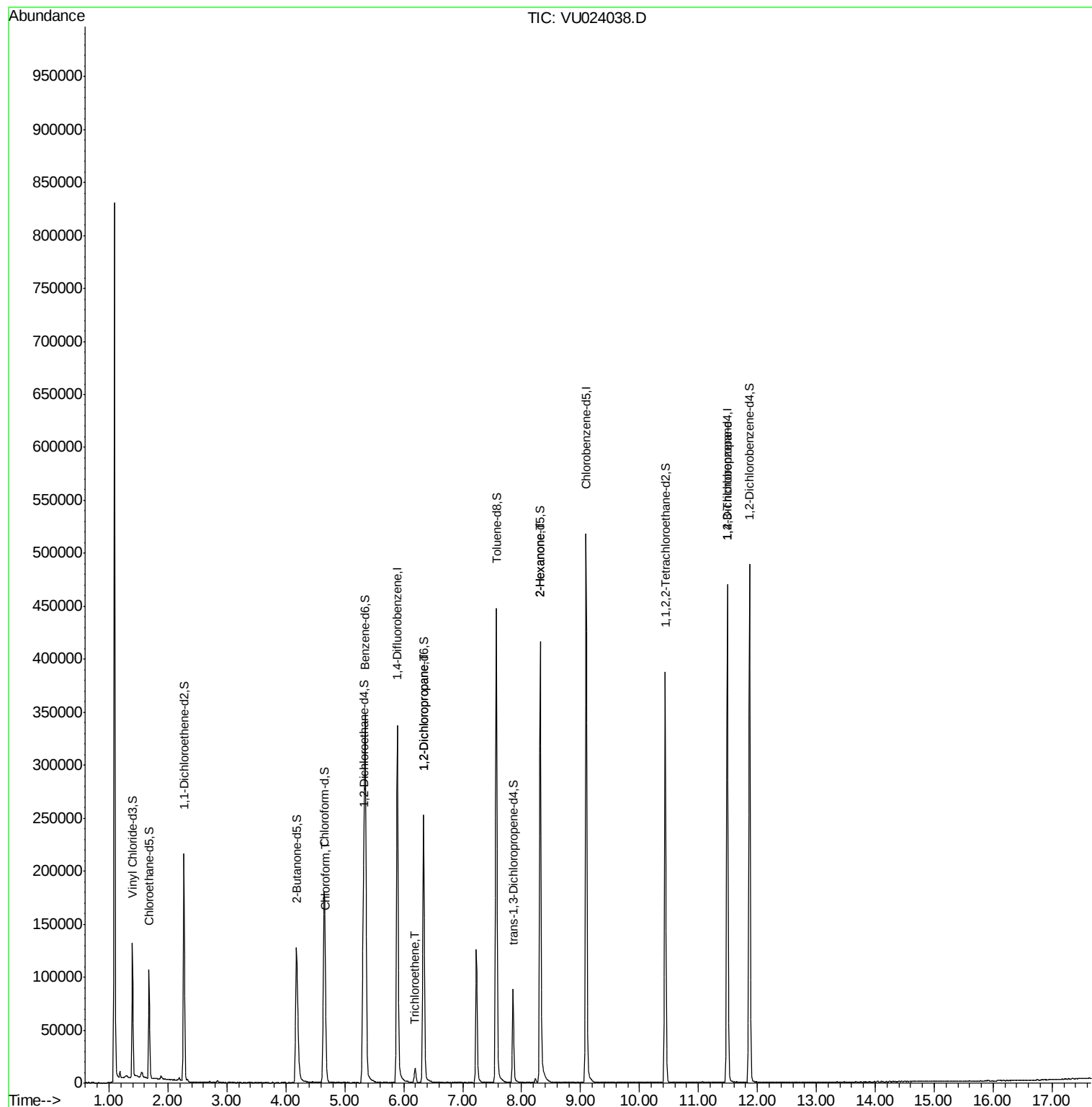
Target Compounds

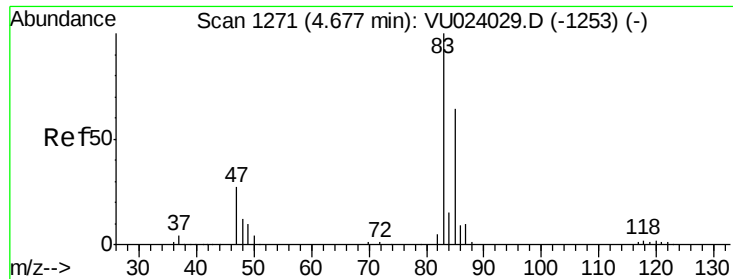
						Qvalue
25) Chloroform	4.68	83	6911	1.54	ug/L	98
34) Trichloroethene	6.19	95	4690	1.93	ug/L	93
37) 1,2-Dichloropropane	6.34	63	13243	4.69	ug/L #	88
48) 2-Hexanone	8.32	43	18559	5.74	ug/L #	67
59) 1,2,3-Trichloropropane	11.49	75	15428	4.21	ug/L	94

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

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QLast Update : Thu May 24 04:14:38 2018
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#25

Chloroform

Concen: 1.54 ug/L

RT: 4.68 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VU024038.D

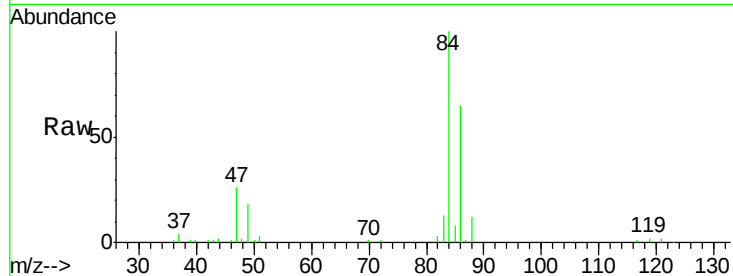
Acq: 23 May 2018 15:27

Tgt Ion: 83 Resp: 6911

Ion Ratio Lower Upper

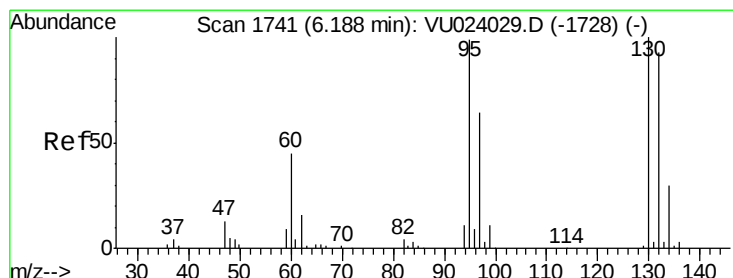
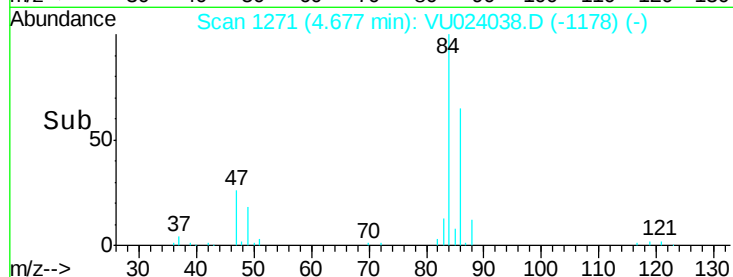
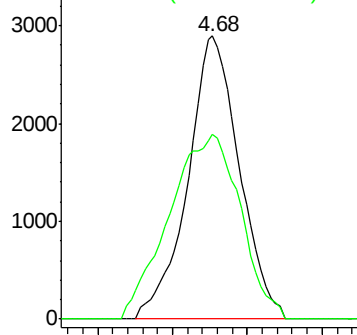
83 100

85 65.3 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: 1.93 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU024038.D

Acq: 23 May 2018 15:27

Tgt Ion: 95 Resp: 4690

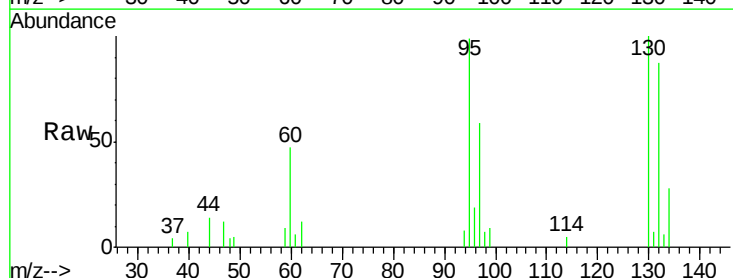
Ion Ratio Lower Upper

95 100

97 59.2 45.4 84.2

132 87.4 69.0 128.1

130 100.7 71.7 133.1

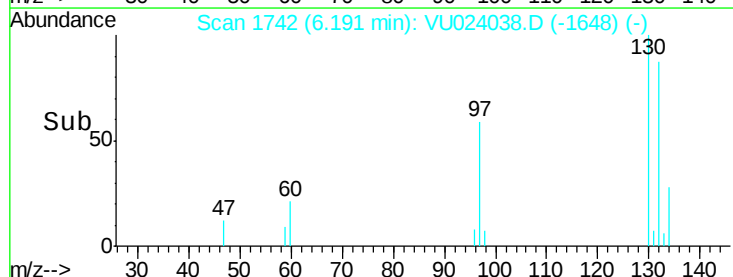
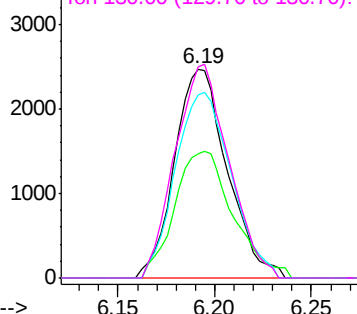


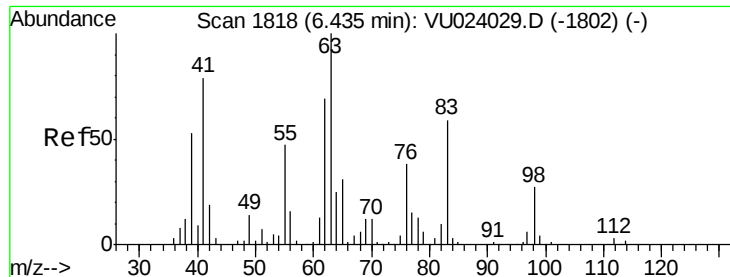
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

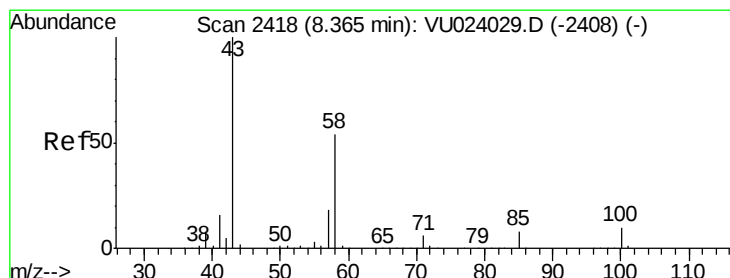
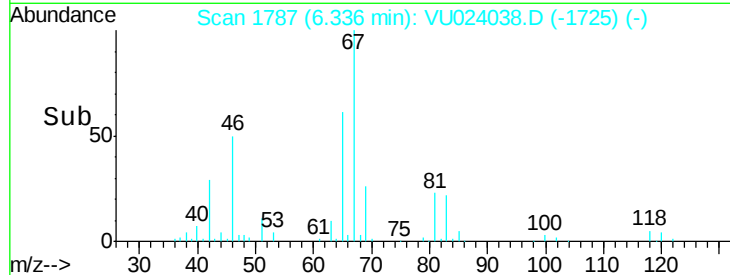
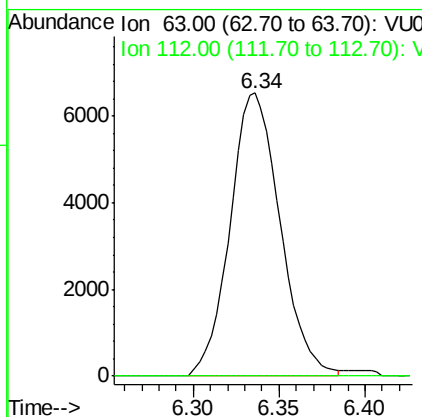
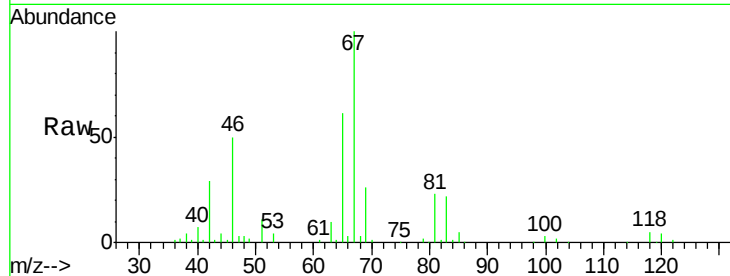
Ion 130.00 (129.70 to 130.70): V





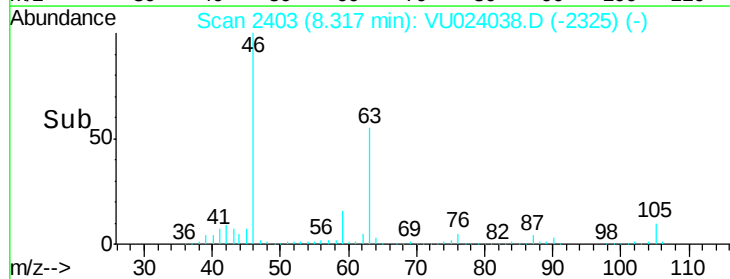
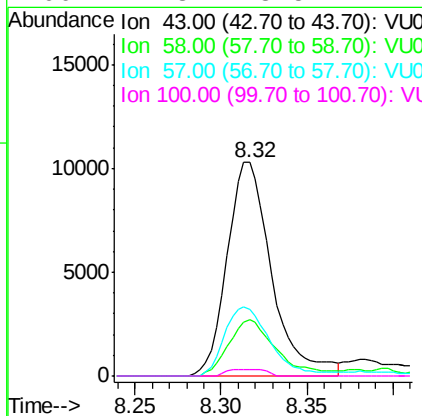
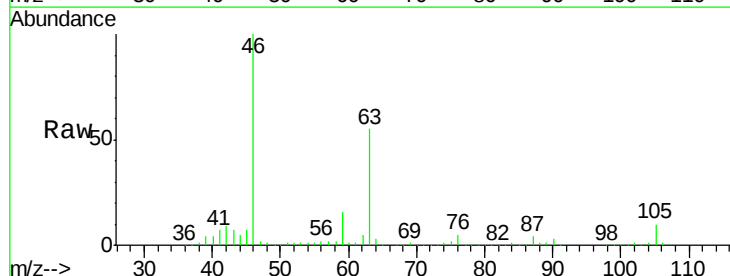
#37
 1,2-Dichloropropane
 Concen: 4.69 ug/L
 RT: 6.34 min Scan# 1787
 Delta R.T. -0.10 min
 Lab File: VU024038.D
 Acq: 23 May 2018 15:27

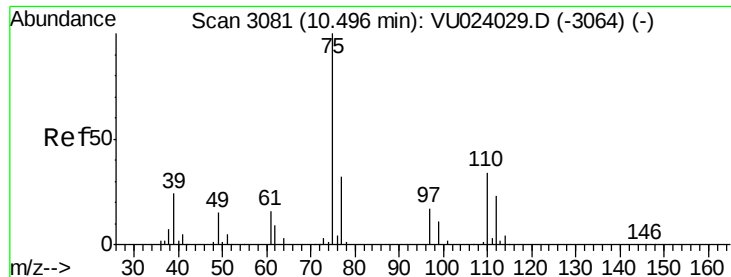
Tgt Ion: 63 Resp: 13243
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#48
 2-Hexanone
 Concen: 5.74 ug/L
 RT: 8.32 min Scan# 2403
 Delta R.T. -0.05 min
 Lab File: VU024038.D
 Acq: 23 May 2018 15:27

Tgt Ion: 43 Resp: 18559
 Ion Ratio Lower Upper
 43 100
 58 27.7 42.6 63.8#
 57 32.9 14.9 22.3#
 100 1.3 8.5 12.7#





#59

1,2,3-Trichloropropane

Concen: 4.21 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU024038.D

Acq: 23 May 2018 15:27

Tgt Ion: 75 Resp: 15428

Ion Ratio Lower Upper

75 100

77 36.4 26.2 39.4

