

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052618\
 Data File : VU024145.D
 Acq On : 26 May 2018 14:59
 Operator : MD/SY
 Sample : J3091-08DL 400X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 28 00:58:18 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM052518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 28 00:49:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	252858	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	236230	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	86987	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	89118	46.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.72%
7) Chloroethane-d5	1.68	69	76949	50.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.82%
11) 1,1-Dichloroethene-d2	2.27	63	130847	36.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.18%
21) 2-Butanone-d5	4.18	46	162469	106.31	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.31%
24) Chloroform-d	4.65	84	177455	51.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.02%
26) 1,2-Dichloroethane-d4	5.31	65	114850	52.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.26%
32) Benzene-d6	5.35	84	352423	53.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.80%
36) 1,2-Dichloropropane-d6	6.34	67	121316	54.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.28%
41) Toluene-d8	7.57	98	304287	50.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.44%
43) trans-1,3-Dichloropropene-	7.85	79	45232	50.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.54%
47) 2-Hexanone-d5	8.31	63	115405	107.95	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.95%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	173120	52.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.92%
64) 1,2-Dichlorobenzene-d4	11.87	152	111459	58.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	116.88%

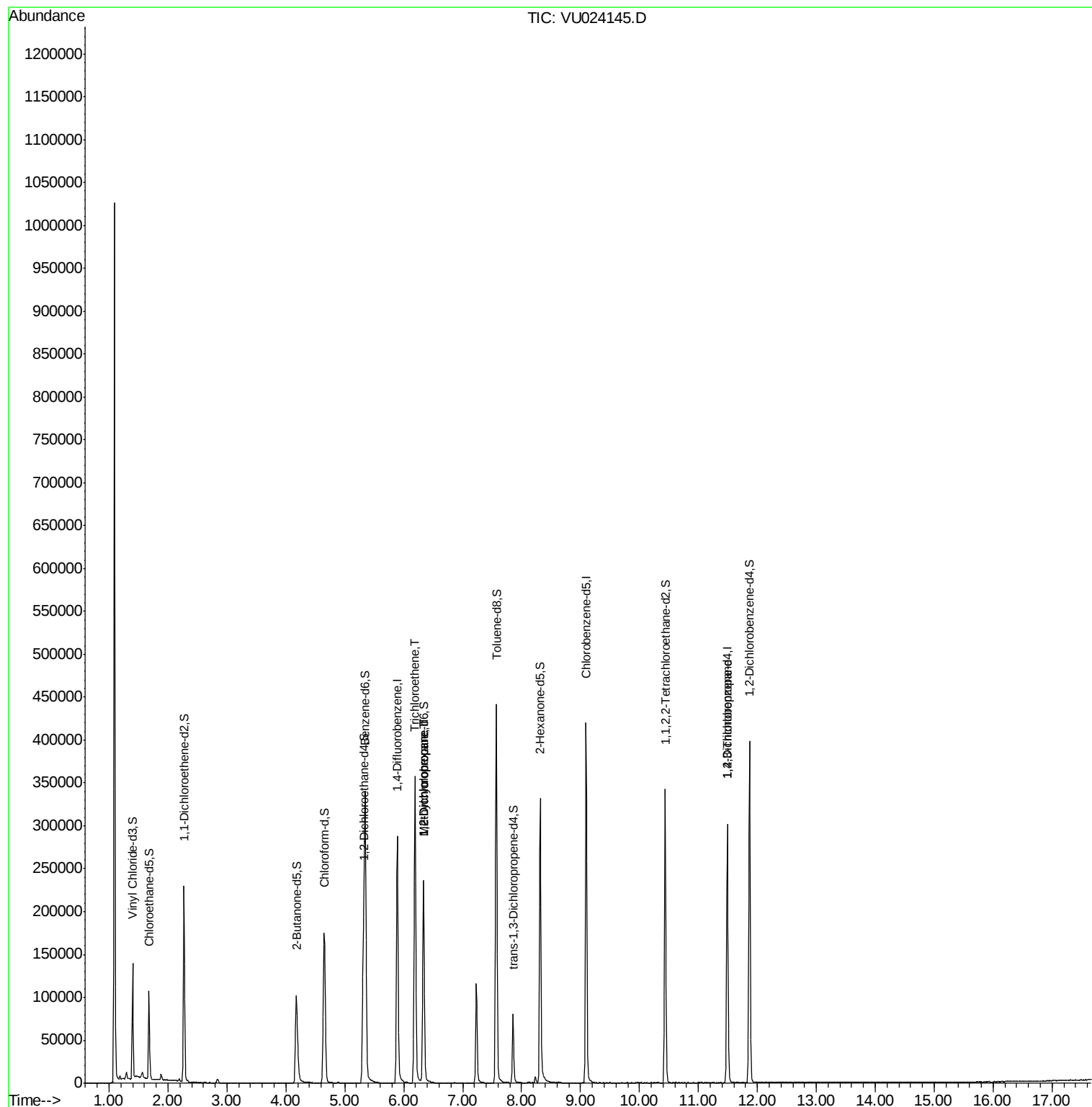
Target Compounds

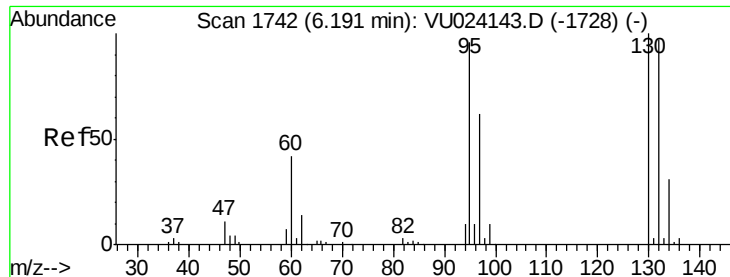
						Qvalue
34) Trichloroethene	6.19	95	127569	57.75	ug/L	98
35) Methylcyclohexane	6.34	83	27241	8.91	ug/L #	18
37) 1,2-Dichloropropane	6.33	63	12242	5.55	ug/L #	89
59) 1,2,3-Trichloropropane	11.49	75	9859	3.57	ug/L	93

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

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#34

Trichloroethene

Concen: 57.75 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

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Tgt Ion: 95 Resp: 127569

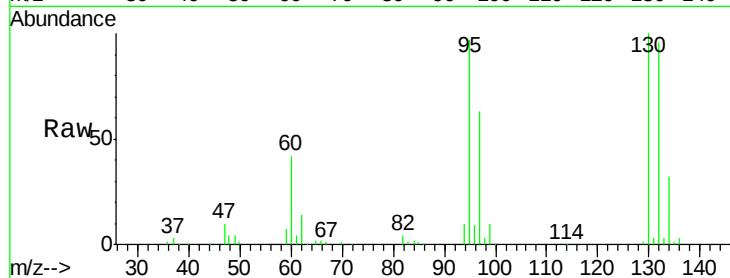
Ion Ratio Lower Upper

95 100

97 64.7 44.5 82.7

132 99.3 69.0 128.2

130 103.4 70.6 131.0

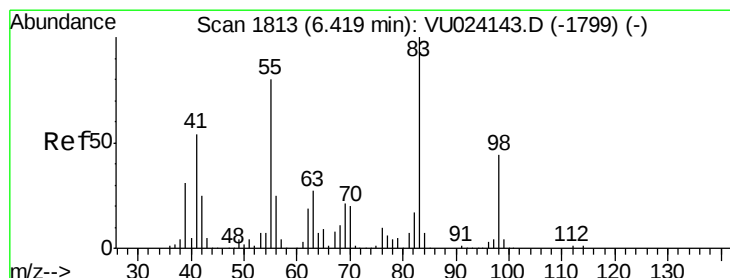
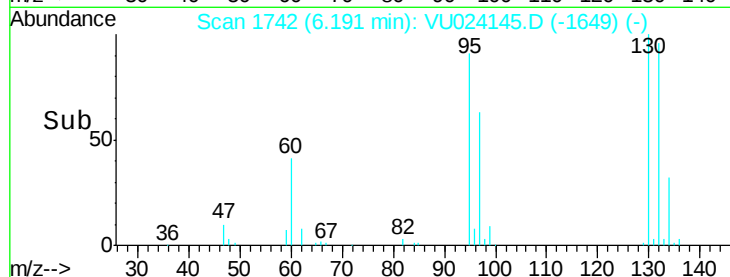
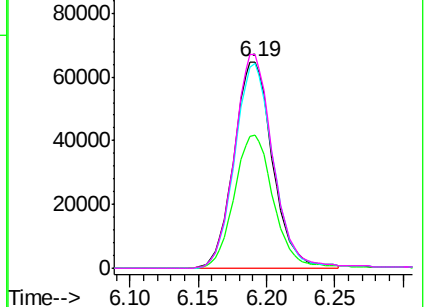


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#35

Methylcyclohexane

Concen: 8.91 ug/L

RT: 6.34 min Scan# 1787

Delta R.T. -0.08 min

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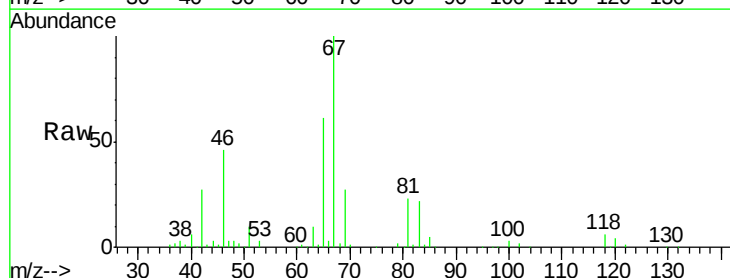
Tgt Ion: 83 Resp: 27241

Ion Ratio Lower Upper

83 100

55 0.0 64.1 96.1#

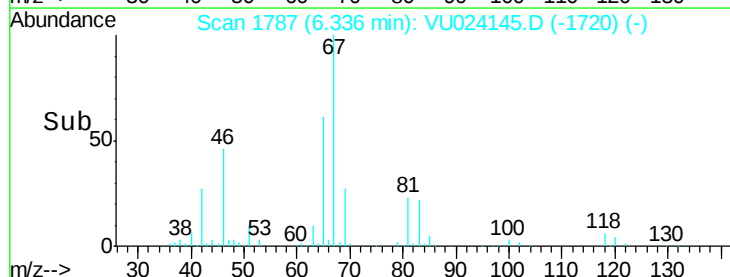
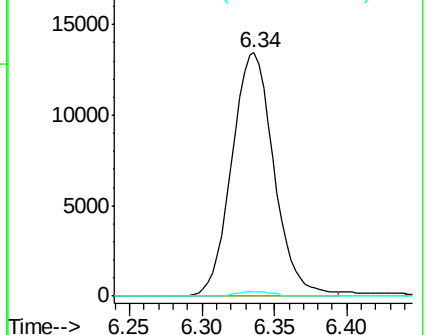
98 1.5 35.8 53.8#

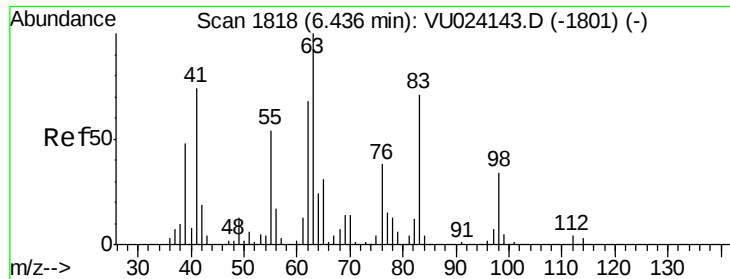


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

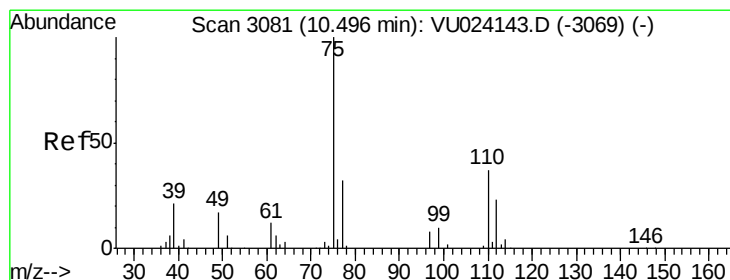
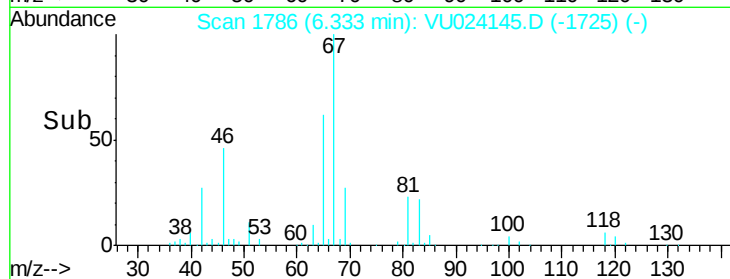
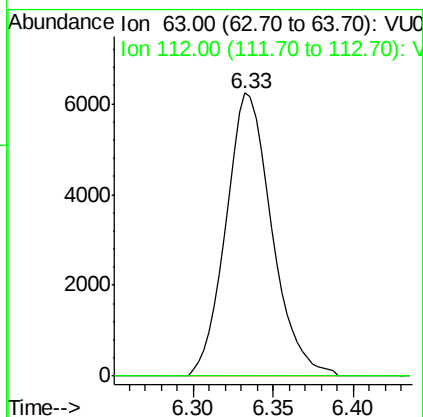
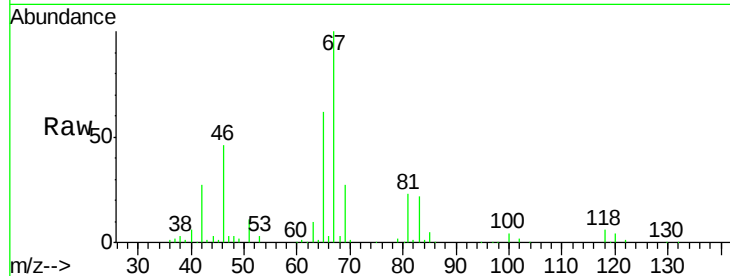
Ion 98.00 (97.70 to 98.70): VU0





#37
 1,2-Dichloropropane
 Concen: 5.55 ug/L
 RT: 6.33 min Scan# 1786
 Delta R.T. -0.10 min
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Tgt Ion: 63 Resp: 12242
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#59
 1,2,3-Trichloropropane
 Concen: 3.57 ug/L
 RT: 11.49 min Scan# 3389
 Delta R.T. 0.99 min
 Lab File: VU024145.D
 Acq: 26 May 2018 14:59

Tgt Ion: 75 Resp: 9859
 Ion Ratio Lower Upper
 75 100
 77 35.7 25.5 38.3

