

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052118\
 Data File : VU023994.D
 Acq On : 22 May 2018 02:20
 Operator : MD/SY
 Sample : J3031-12
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Quant Time: May 22 05:28:03 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM051218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 22 02:00:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	263975	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	266497	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	108733	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	88205	35.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.92%
7) Chloroethane-d5	1.68	69	74282	38.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.86%
11) 1,1-Dichloroethene-d2	2.27	63	129392	28.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.50%#
21) 2-Butanone-d5	4.18	46	169028	99.02	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.02%
24) Chloroform-d	4.65	84	172471	46.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.14%
26) 1,2-Dichloroethane-d4	5.31	65	118644	48.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.32%
32) Benzene-d6	5.35	84	332742	42.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.54%
36) 1,2-Dichloropropane-d6	6.34	67	122931	46.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.56%
41) Toluene-d8	7.57	98	290868	40.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.16%
43) trans-1,3-Dichloropropene-	7.85	79	43603	39.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.90%
47) 2-Hexanone-d5	8.31	63	113721	93.89	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.89%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	170554	46.09	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.18%
64) 1,2-Dichlorobenzene-d4	11.87	152	114727	48.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.70%

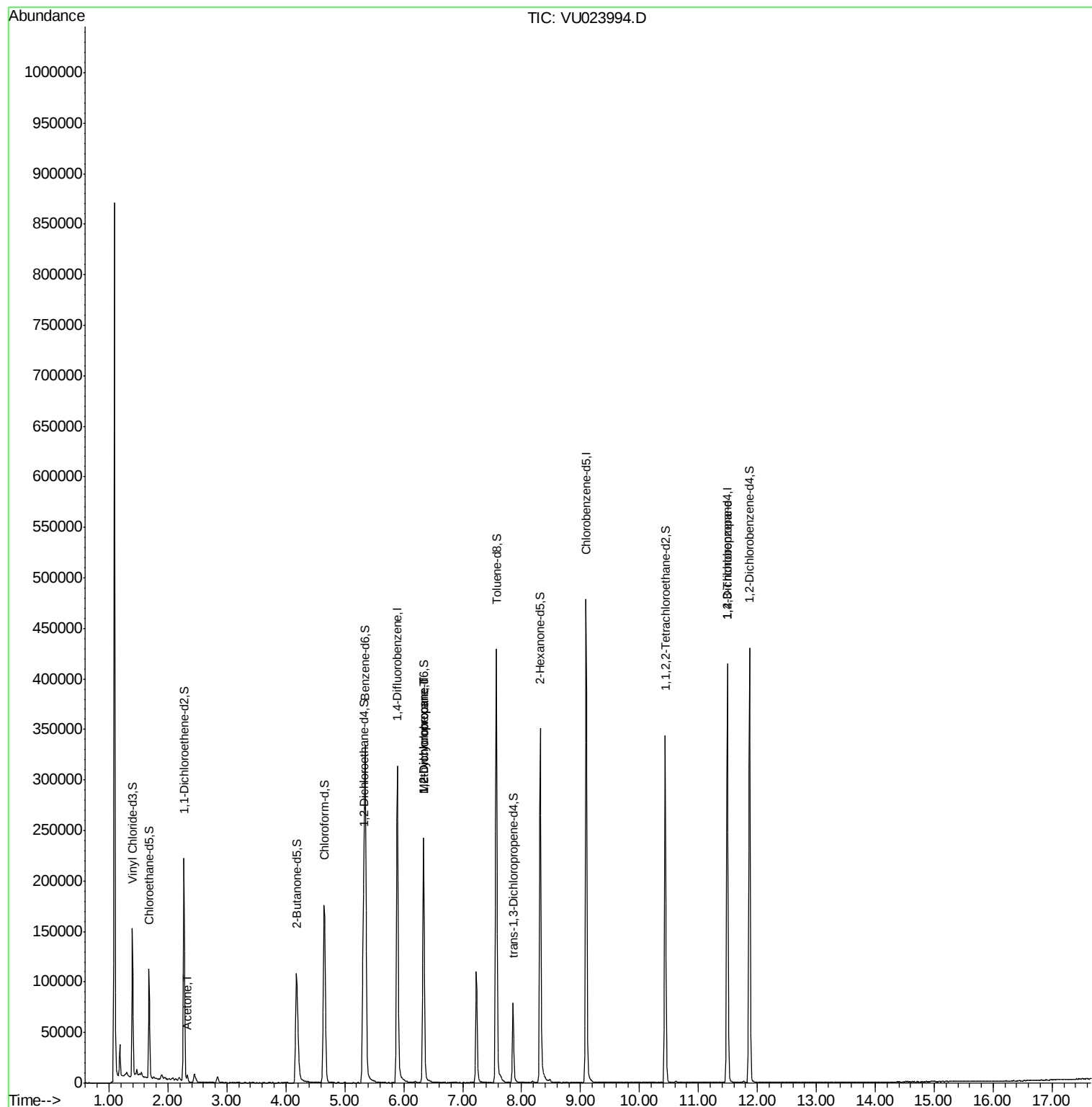
Target Compounds

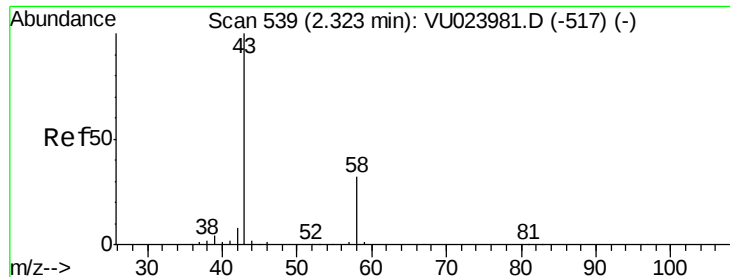
						Qvalue
13) Acetone	2.32	43	5677	3.30	ug/L	95
35) Methylcyclohexane	6.34	83	26102	8.22	ug/L #	16
37) 1,2-Dichloropropane	6.34	63	12657	4.88	ug/L #	88
59) 1,2,3-Trichloropropane	11.49	75	13449	3.99	ug/L	90

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

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#13

Acetone

Concen: 3.30 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU023994.D

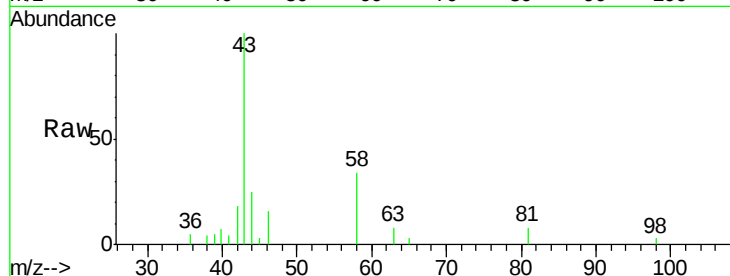
Acq: 22 May 2018 02:20

Tgt Ion: 43 Resp: 5677

Ion Ratio Lower Upper

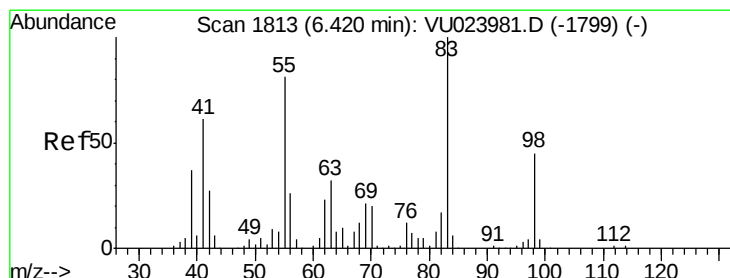
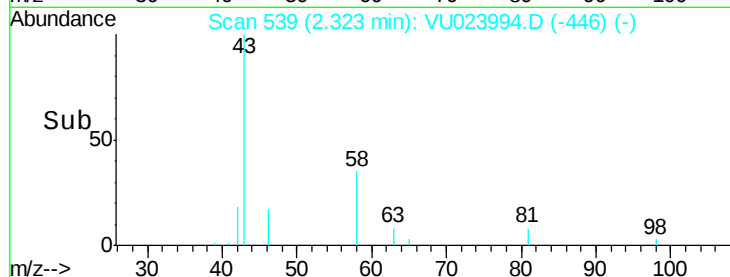
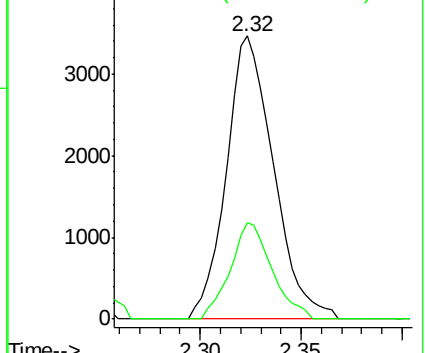
43 100

58 30.1 0.0 65.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#35

Methylcyclohexane

Concen: 8.22 ug/L

RT: 6.34 min Scan# 1787

Delta R.T. -0.08 min

Lab File: VU023994.D

Acq: 22 May 2018 02:20

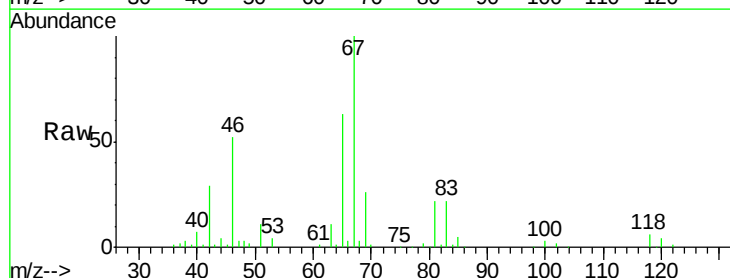
Tgt Ion: 83 Resp: 26102

Ion Ratio Lower Upper

83 100

55 0.1 67.2 100.8#

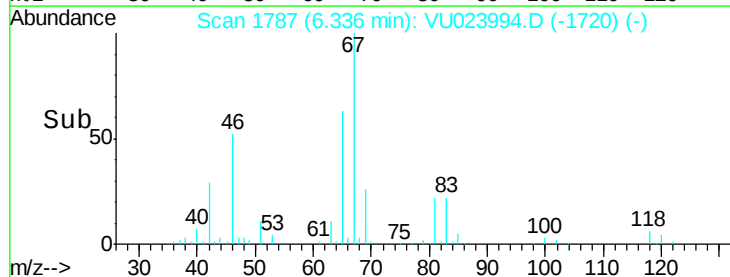
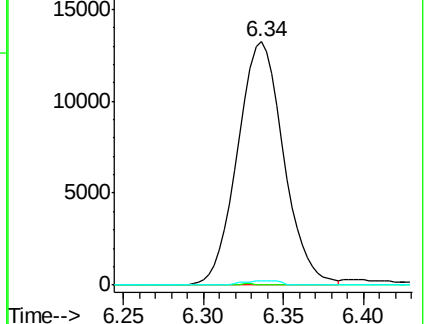
98 1.3 36.6 54.8#

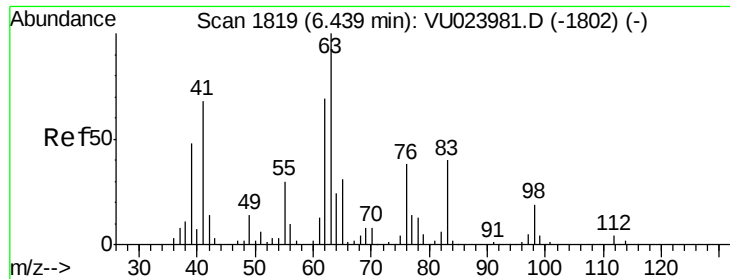


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

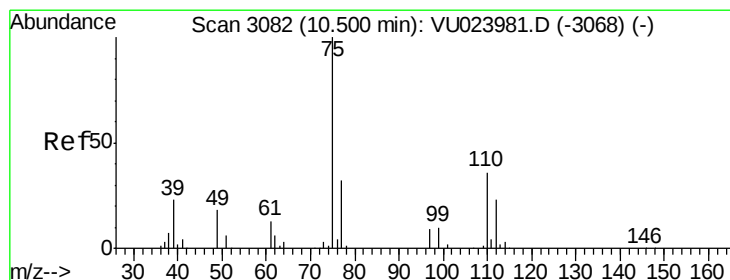
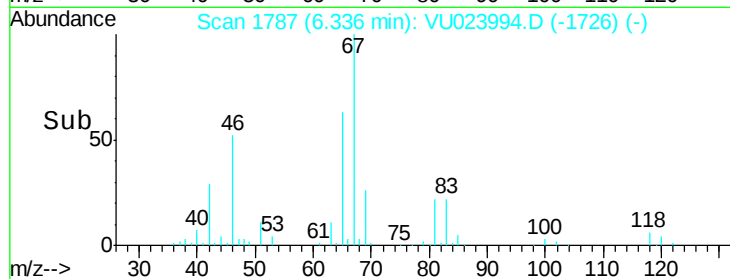
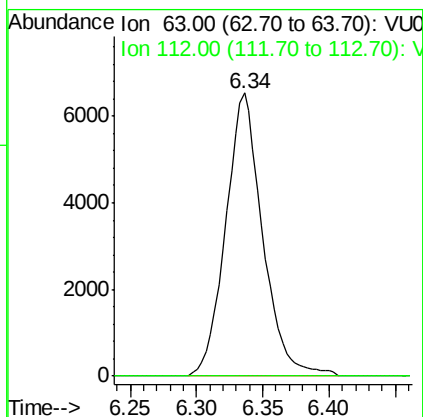
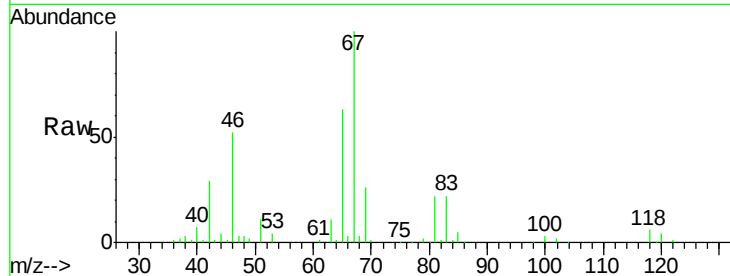
Ion 98.00 (97.70 to 98.70): VU0





#37
 1,2-Dichloropropane
 Concen: 4.88 ug/L
 RT: 6.34 min Scan# 1787
 Delta R.T. -0.10 min
 Lab File: VU023994.D
 Acq: 22 May 2018 02:20

Tgt Ion: 63 Resp: 12657
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#59
 1,2,3-Trichloropropane
 Concen: 3.99 ug/L
 RT: 11.49 min Scan# 3390
 Delta R.T. 0.99 min
 Lab File: VU023994.D
 Acq: 22 May 2018 02:20

Tgt Ion: 75 Resp: 13449
 Ion Ratio Lower Upper
 75 100
 77 38.7 26.2 39.4

