

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052118\
 Data File : VU023973.D
 Acq On : 21 May 2018 16:49
 Operator : MD/SY
 Sample : J3032-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 22 01:08:11 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM051218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 22 01:05:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	291113	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	285846	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	129854	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	91022	33.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.30%
7) Chloroethane-d5	1.68	69	83801	39.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.62%
11) 1,1-Dichloroethene-d2	2.27	63	144191	29.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.10%#
21) 2-Butanone-d5	4.18	46	195331	103.76	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.76%
24) Chloroform-d	4.65	84	181928	44.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.12%
26) 1,2-Dichloroethane-d4	5.31	65	131585	48.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.88%
32) Benzene-d6	5.35	84	361607	43.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.68%
36) 1,2-Dichloropropane-d6	6.34	67	131892	46.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.60%
41) Toluene-d8	7.57	98	327087	42.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.10%
43) trans-1,3-Dichloropropene-	7.85	79	50133	42.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.58%
47) 2-Hexanone-d5	8.31	63	131340	101.10	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.10%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	189541	47.75	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.50%
64) 1,2-Dichlorobenzene-d4	11.87	152	133422	47.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.14%

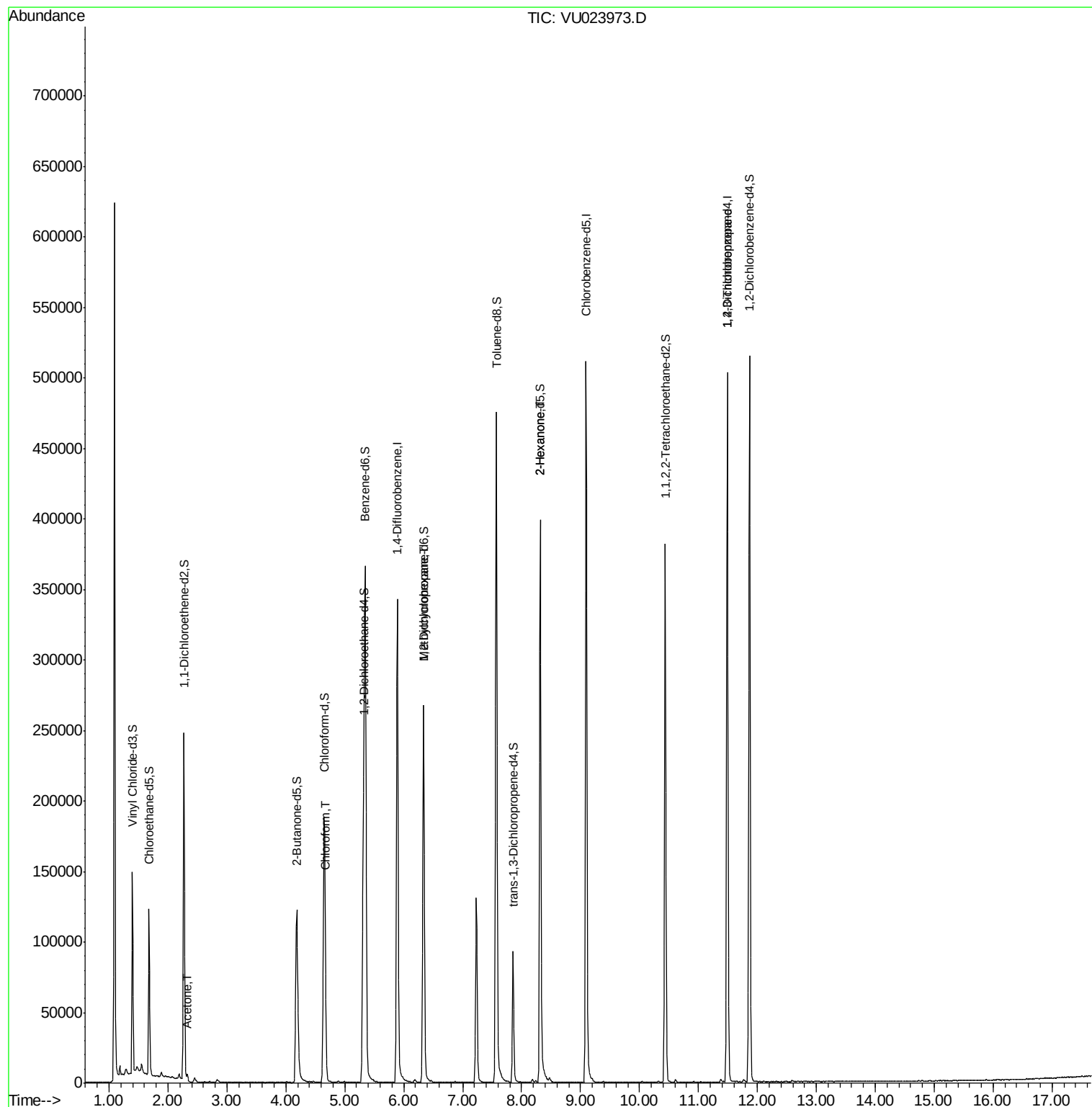
Target Compounds

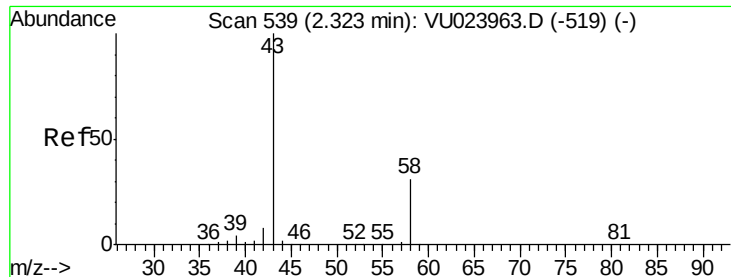
						Qvalue
13) Acetone	2.33	43	3744	1.97	ug/L	95
25) Chloroform	4.68	83	4726	1.03	ug/L	88
35) Methylcyclohexane	6.34	83	29304	8.61	ug/L #	16
48) 2-Hexanone	8.31	43	16748	5.26	ug/L #	68
59) 1,2,3-Trichloropropane	11.49	75	16097	4.46	ug/L	89

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

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#13

Acetone

Concen: 1.97 ug/L

RT: 2.33 min Scan# 541

Delta R.T. 0.01 min

Lab File: VU023973.D

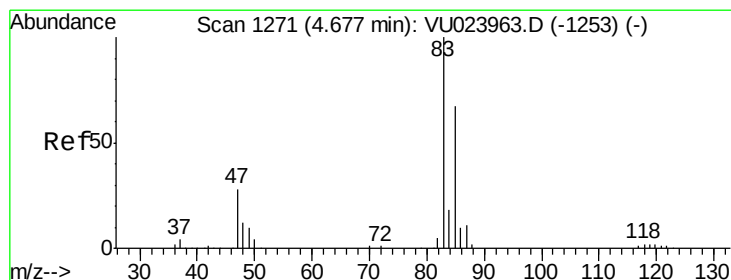
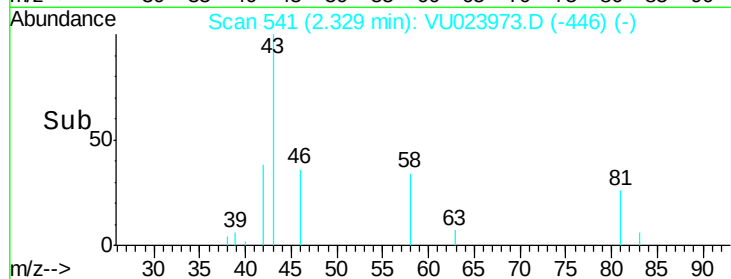
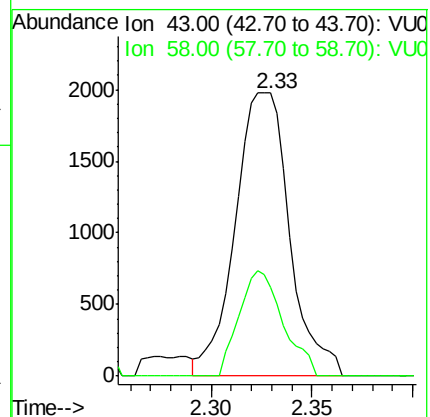
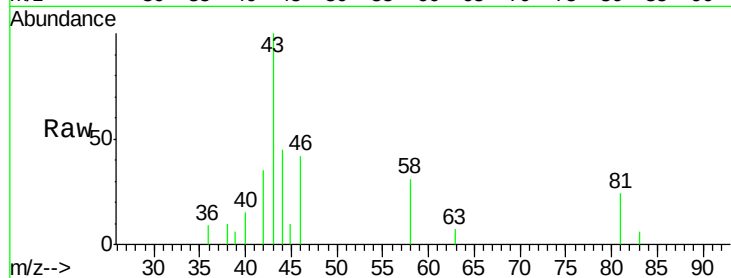
Acq: 21 May 2018 16:49

Tgt Ion: 43 Resp: 3744

Ion Ratio Lower Upper

43 100

58 30.0 0.0 65.6



#25

Chloroform

Concen: 1.03 ug/L

RT: 4.68 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VU023973.D

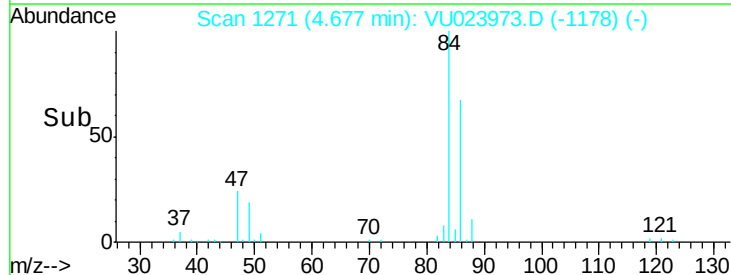
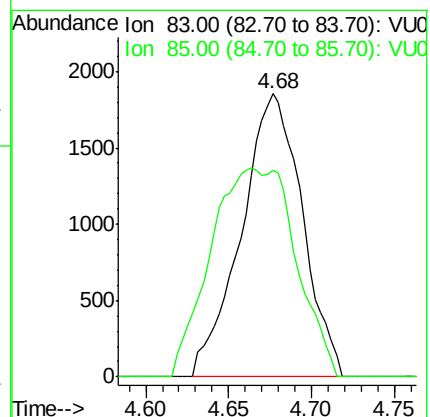
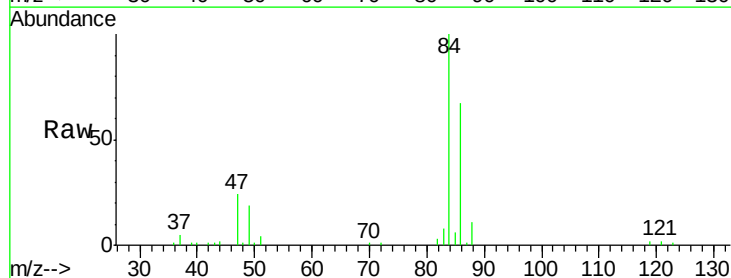
Acq: 21 May 2018 16:49

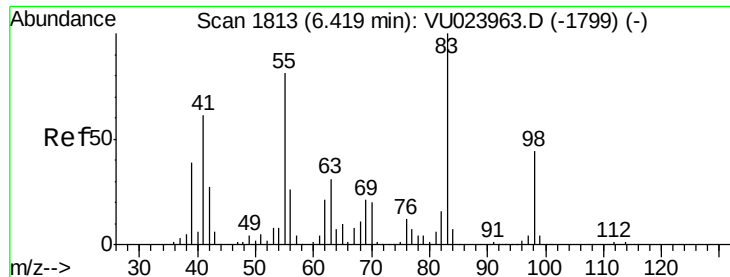
Tgt Ion: 83 Resp: 4726

Ion Ratio Lower Upper

83 100

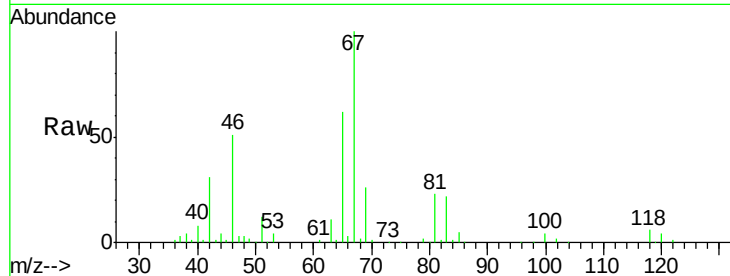
85 73.1 44.4 82.5



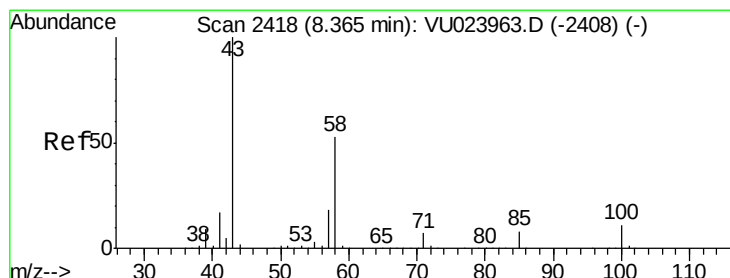
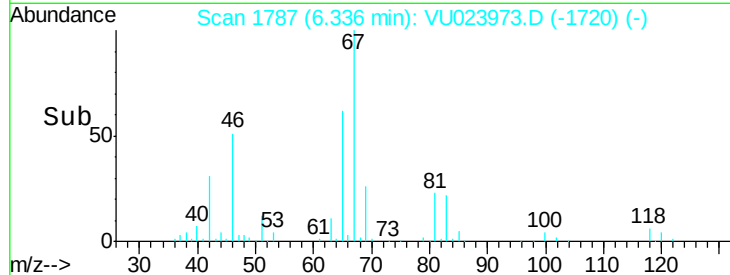
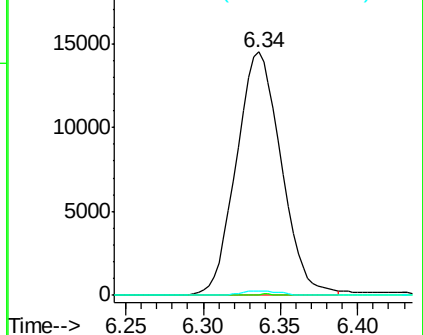


#35
Methylcyclohexane
Concen: 8.61 ug/L
RT: 6.34 min Scan# 1787
Delta R.T. -0.08 min
Lab File: VU023973.D
Acq: 21 May 2018 16:49

Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.1	67.2	100.8#
98	1.5	36.6	54.8#

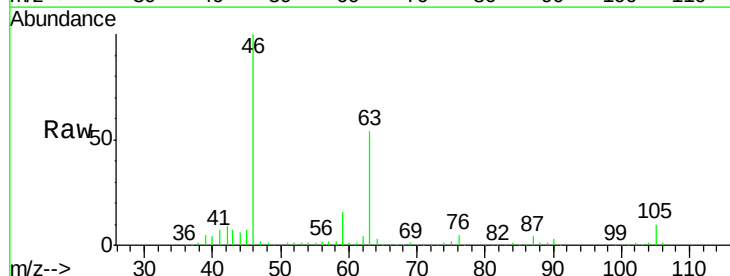


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

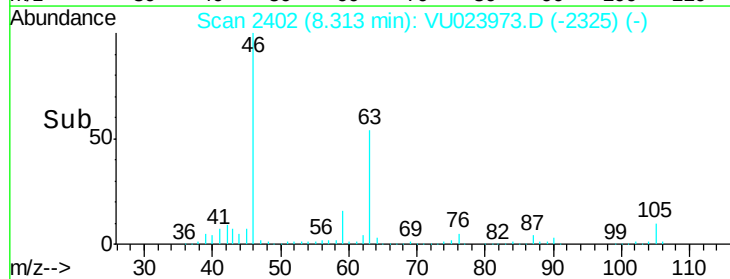
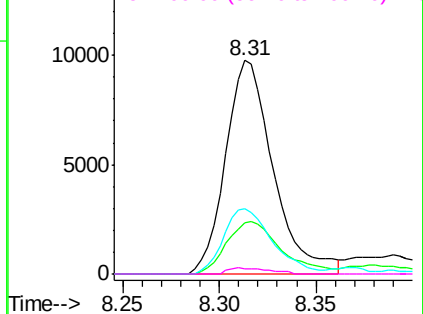


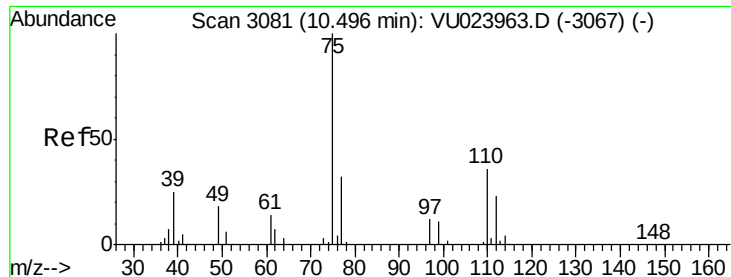
#48
2-Hexanone
Concen: 5.26 ug/L
RT: 8.31 min Scan# 2402
Delta R.T. -0.05 min
Lab File: VU023973.D
Acq: 21 May 2018 16:49

Tgt Ion	Ratio	Lower	Upper
43	100		
58	28.3	42.6	63.8#
57	31.3	14.9	22.3#
100	2.2	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: 4.46 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU023973.D

Acq: 21 May 2018 16:49

Tgt Ion: 75 Resp: 16097

Ion Ratio Lower Upper

75 100

77 39.1 26.2 39.4

