

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052118\
 Data File : VU023995.D
 Acq On : 22 May 2018 02:46
 Operator : MD/SY
 Sample : J3031-13
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Quant Time: May 22 05:28:15 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	263308	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	269649	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	115363	50.00	ug/L	0.00

System Monitoring Compounds

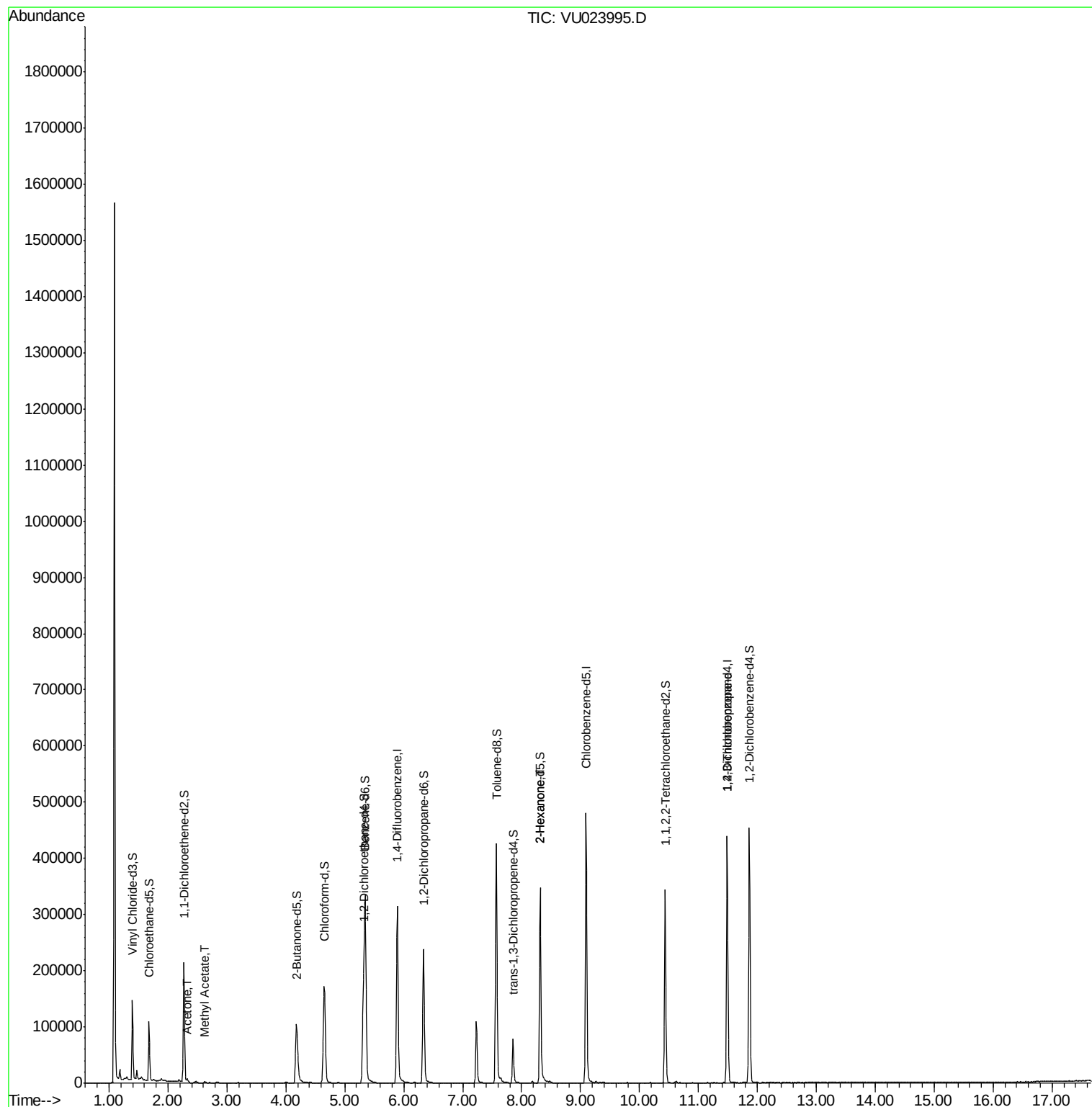
4) Vinyl Chloride-d3	1.40	65	86554	35.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.76%
7) Chloroethane-d5	1.68	69	72038	37.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.72%
11) 1,1-Dichloroethene-d2	2.27	63	125762	28.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.02%#
21) 2-Butanone-d5	4.18	46	168792	99.13	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.13%
24) Chloroform-d	4.65	84	168482	45.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.22%
26) 1,2-Dichloroethane-d4	5.31	65	118523	48.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.48%
32) Benzene-d6	5.35	84	333958	42.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.86%
36) 1,2-Dichloropropane-d6	6.34	67	119932	45.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.22%
41) Toluene-d8	7.57	98	293875	40.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.04%
43) trans-1,3-Dichloropropene-	7.85	79	43367	38.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.56%
47) 2-Hexanone-d5	8.31	63	116059	94.70	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.70%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	172145	45.98	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.96%
64) 1,2-Dichlorobenzene-d4	11.87	152	122296	49.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.16%

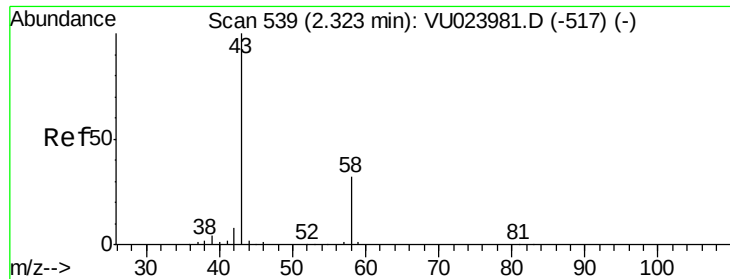
Target Compounds						Qvalue
13) Acetone	2.32	43	6062	3.53	ug/L	98
15) Methyl Acetate	2.62	43	3130	1.09	ug/L #	90
48) 2-Hexanone	8.31	43	14790	4.92	ug/L #	70
59) 1,2,3-Trichloropropane	11.49	75	14650	4.30	ug/L	94

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

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#13

Acetone

Concen: 3.53 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

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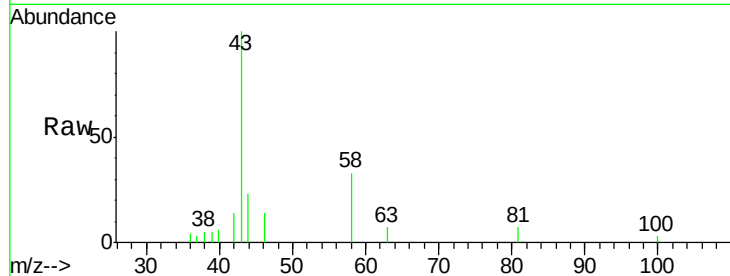
Acq: 22 May 2018 02:46

Tgt Ion: 43 Resp: 6062

Ion Ratio Lower Upper

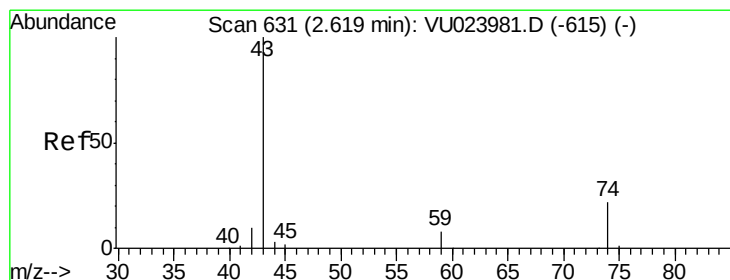
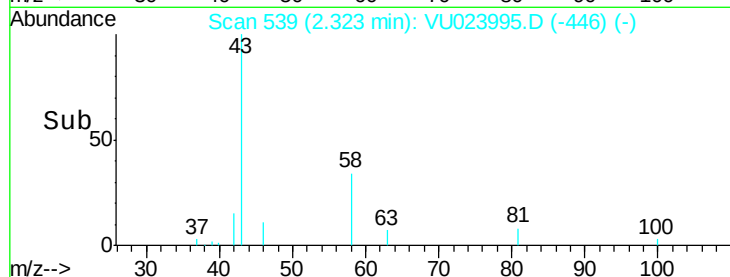
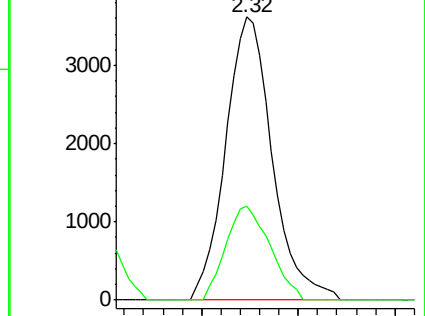
43 100

58 31.5 0.0 65.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#15

Methyl Acetate

Concen: 1.09 ug/L

RT: 2.62 min Scan# 631

Delta R.T. 0.00 min

Lab File: VU023995.D

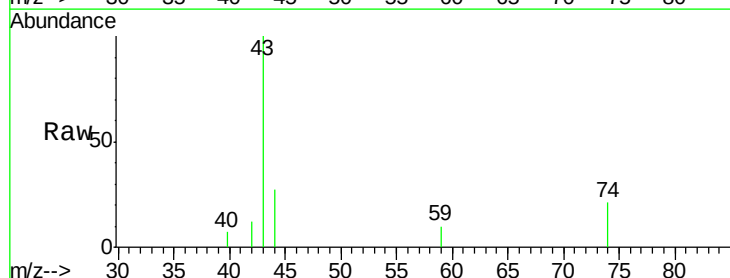
Acq: 22 May 2018 02:46

Tgt Ion: 43 Resp: 3130

Ion Ratio Lower Upper

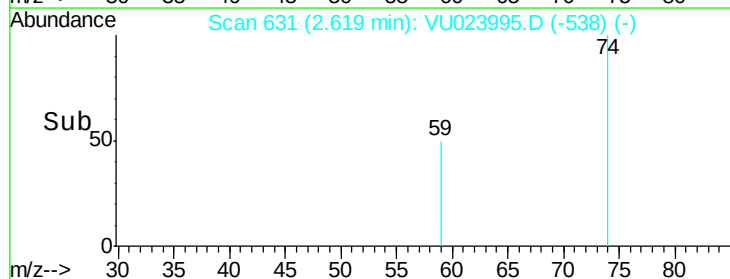
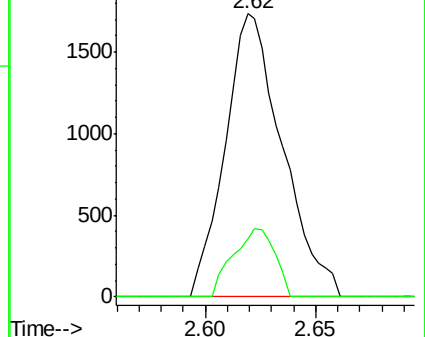
43 100

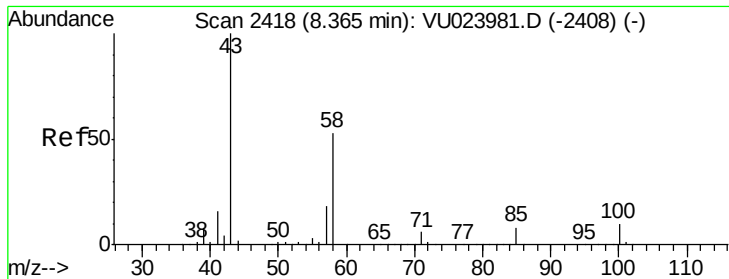
74 17.5 17.8 26.6#



Abundance Ion 43.00 (42.70 to 43.70): VU0

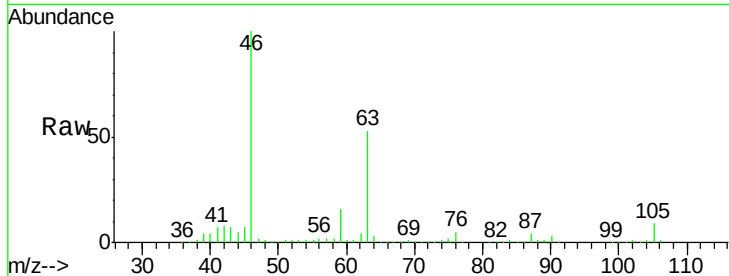
Ion 74.00 (73.70 to 74.70): VU0



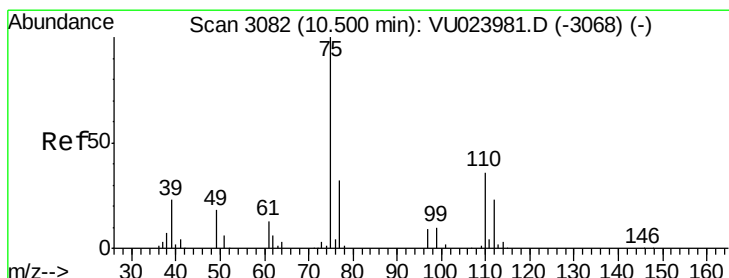
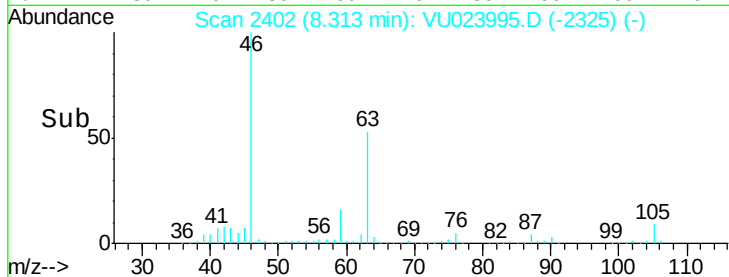
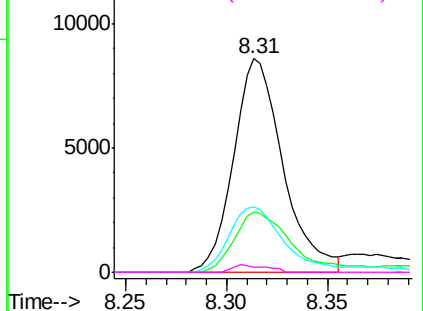


#48
2-Hexanone
Concen: 4.92 ug/L
RT: 8.31 min Scan# 2402
Delta R.T. -0.05 min
Lab File: VU023995.D
Acq: 22 May 2018 02:46

Tgt Ion:	43	Resp:	14790
Ion	Ratio	Lower	Upper
43	100		
58	32.0	42.6	63.8#
57	33.7	14.9	22.3#
100	2.4	8.5	12.7#

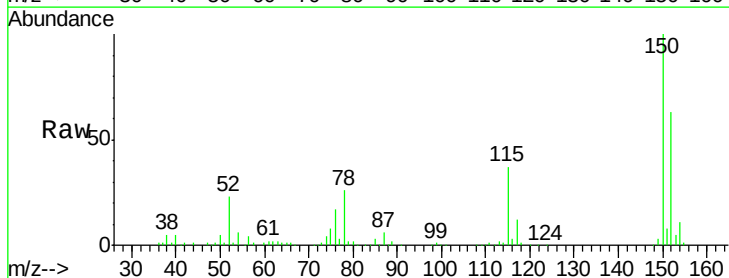


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 57.00 (56.70 to 57.70): VU0
Ion 100.00 (99.70 to 100.70): VU0



#59
1,2,3-Trichloropropane
Concen: 4.30 ug/L
RT: 11.49 min Scan# 3389
Delta R.T. 0.99 min
Lab File: VU023995.D
Acq: 22 May 2018 02:46

Tgt Ion:	75	Resp:	14650
Ion	Ratio	Lower	Upper
75	100		
77	35.9	26.2	39.4



Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0

