

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052118\
 Data File : VU023974.D
 Acq On : 21 May 2018 17:14
 Operator : MD/SY
 Sample : J3032-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 22 01:08:32 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	286477	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	280398	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	124754	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	88956	33.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.84%
7) Chloroethane-d5	1.68	69	81454	38.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.66%
11) 1,1-Dichloroethene-d2	2.27	63	141803	29.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.06%#
21) 2-Butanone-d5	4.18	46	196104	105.86	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.86%
24) Chloroform-d	4.65	84	185454	45.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.28%
26) 1,2-Dichloroethane-d4	5.31	65	129002	48.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.52%
32) Benzene-d6	5.35	84	360128	44.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.00%
36) 1,2-Dichloropropane-d6	6.34	67	131048	47.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.80%
41) Toluene-d8	7.57	98	318256	42.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.40%
43) trans-1,3-Dichloropropene-	7.85	79	48674	41.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.72%
47) 2-Hexanone-d5	8.31	63	130286	102.24	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.24%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	190697	48.98	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.96%
64) 1,2-Dichlorobenzene-d4	11.87	152	131066	48.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.28%

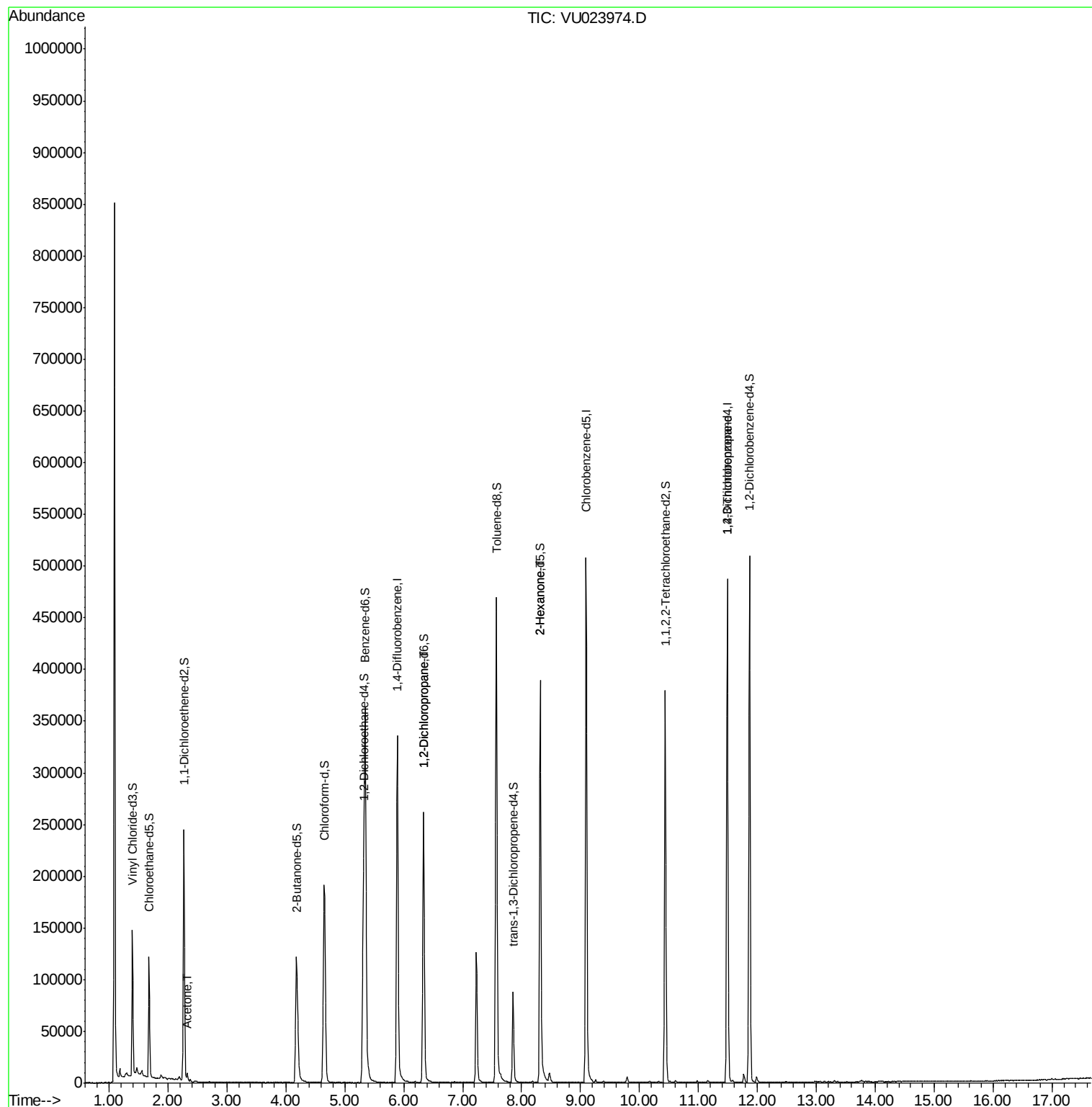
Target Compounds

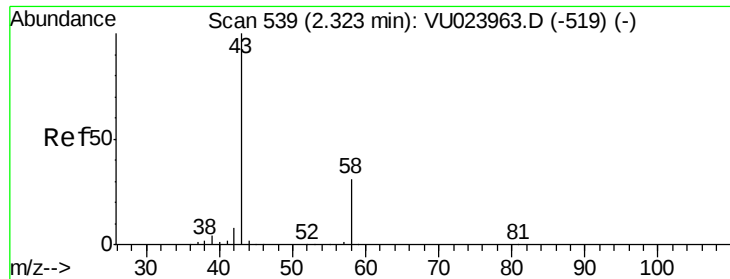
					Qvalue
13) Acetone	2.32	43	7200	3.86 ug/L	98
37) 1,2-Dichloropropane	6.34	63	13652	5.00 ug/L #	88
48) 2-Hexanone	8.31	43	16480	5.28 ug/L #	70
59) 1,2,3-Trichloropropane	11.49	75	15917	4.49 ug/L	93

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

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#13

Acetone

Concen: 3.86 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

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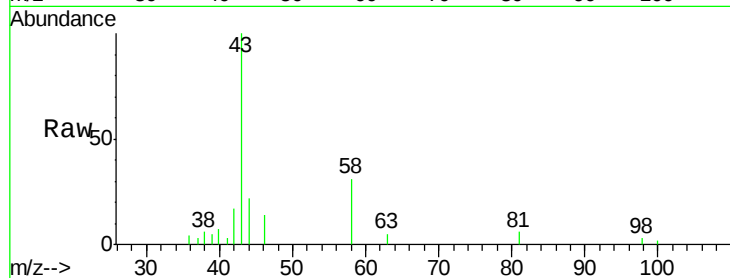
Acq: 21 May 2018 17:14

Tgt Ion: 43 Resp: 7200

Ion Ratio Lower Upper

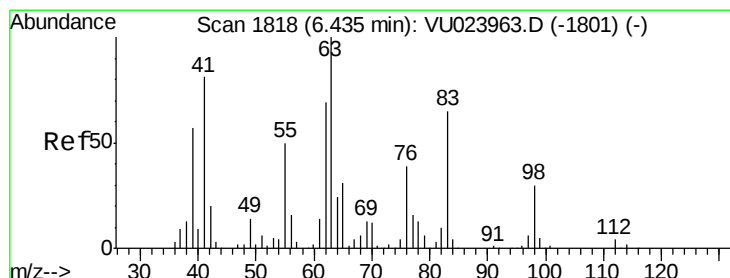
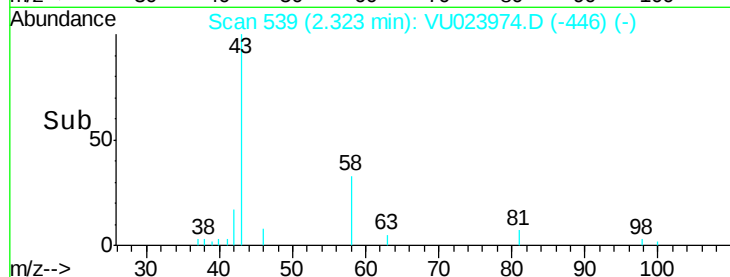
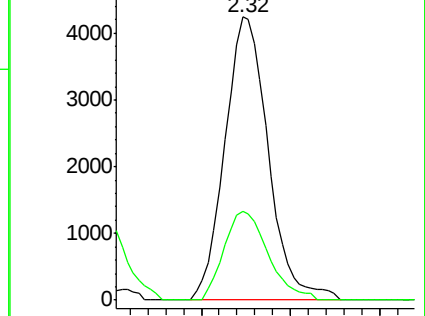
43 100

58 31.8 0.0 65.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#37

1,2-Dichloropropane

Concen: 5.00 ug/L

RT: 6.34 min Scan# 1787

Delta R.T. -0.10 min

Lab File: VU023974.D

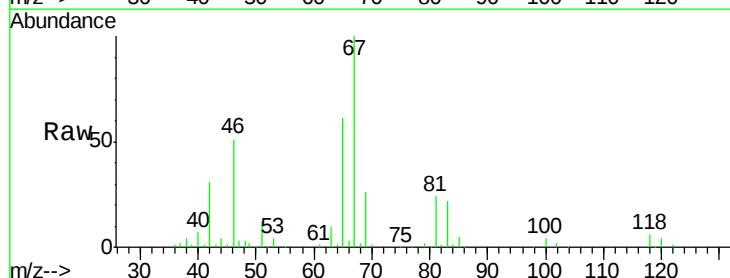
Acq: 21 May 2018 17:14

Tgt Ion: 63 Resp: 13652

Ion Ratio Lower Upper

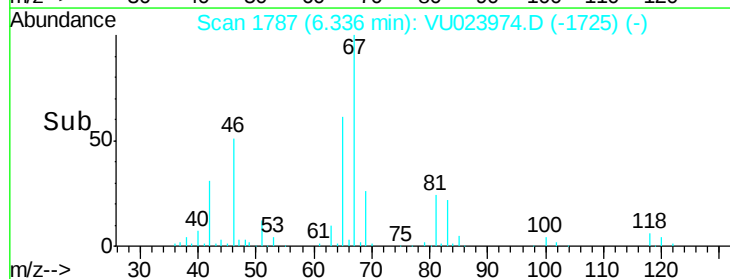
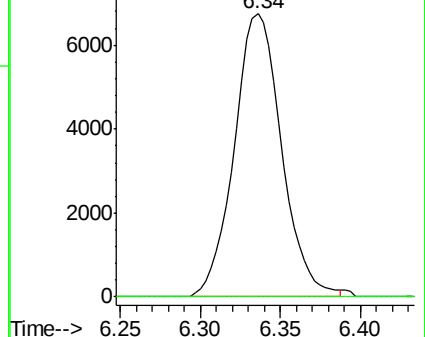
63 100

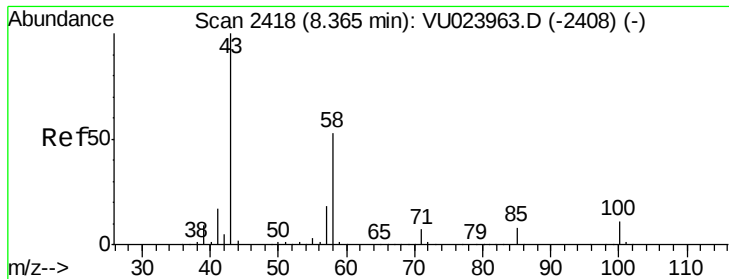
112 0.0 3.2 4.8#



Abundance Ion 63.00 (62.70 to 63.70): VU0

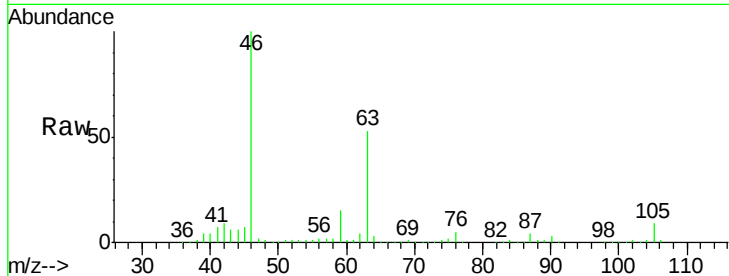
Ion 112.00 (111.70 to 112.70): V



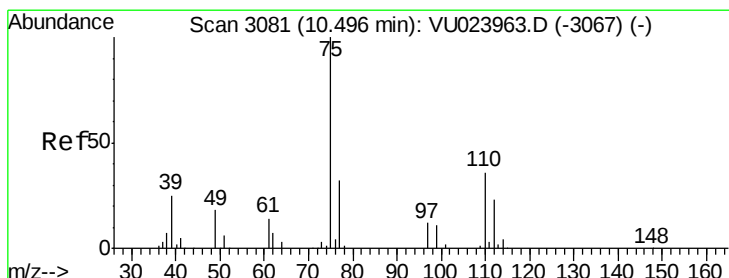
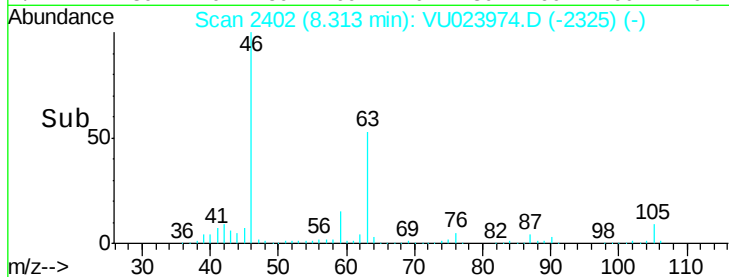
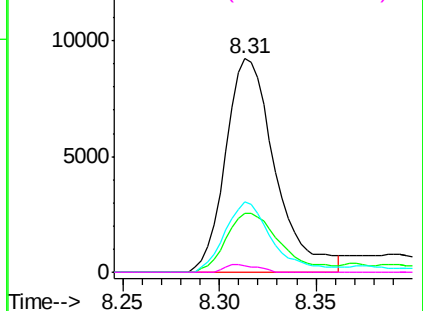


#48
2-Hexanone
Concen: 5.28 ug/L
RT: 8.31 min Scan# 2402
Delta R.T. -0.05 min
Lab File: VU023974.D
Acq: 21 May 2018 17:14

Tgt Ion:	43	Resp:	16480
Ion	Ratio	Lower	Upper
43	100		
58	29.9	42.6	63.8#
57	31.5	14.9	22.3#
100	2.4	8.5	12.7#

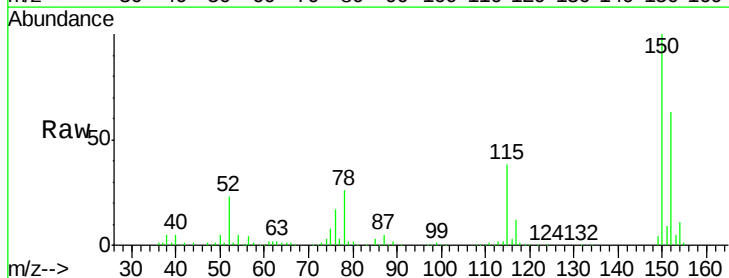


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 57.00 (56.70 to 57.70): VU0
Ion 100.00 (99.70 to 100.70): VU0



#59
1,2,3-Trichloropropane
Concen: 4.49 ug/L
RT: 11.49 min Scan# 3390
Delta R.T. 0.99 min
Lab File: VU023974.D
Acq: 21 May 2018 17:14

Tgt Ion:	75	Resp:	15917
Ion	Ratio	Lower	Upper
75	100		
77	36.7	26.2	39.4



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

