

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052618\
 Data File : VU024151.D
 Acq On : 26 May 2018 17:32
 Operator : MD/SY
 Sample : J3091-01DL 200X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 28 00:59:32 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	280347	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	262587	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	93098	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	82207	38.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.14%
7) Chloroethane-d5	1.68	69	73516	43.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.88%
11) 1,1-Dichloroethene-d2	2.27	63	120677	30.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.88%
21) 2-Butanone-d5	4.18	46	161134	95.10	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.10%
24) Chloroform-d	4.65	84	171286	44.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.70%
26) 1,2-Dichloroethane-d4	5.31	65	113249	46.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.62%
32) Benzene-d6	5.35	84	335757	46.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	6.34	67	118182	47.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.90%
41) Toluene-d8	7.57	98	286364	42.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.04%
43) trans-1,3-Dichloropropene-	7.85	79	42311	42.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.44%
47) 2-Hexanone-d5	8.31	63	111687	93.99	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.99%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	165123	45.45	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.90%
64) 1,2-Dichlorobenzene-d4	11.87	152	104315	51.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.20%

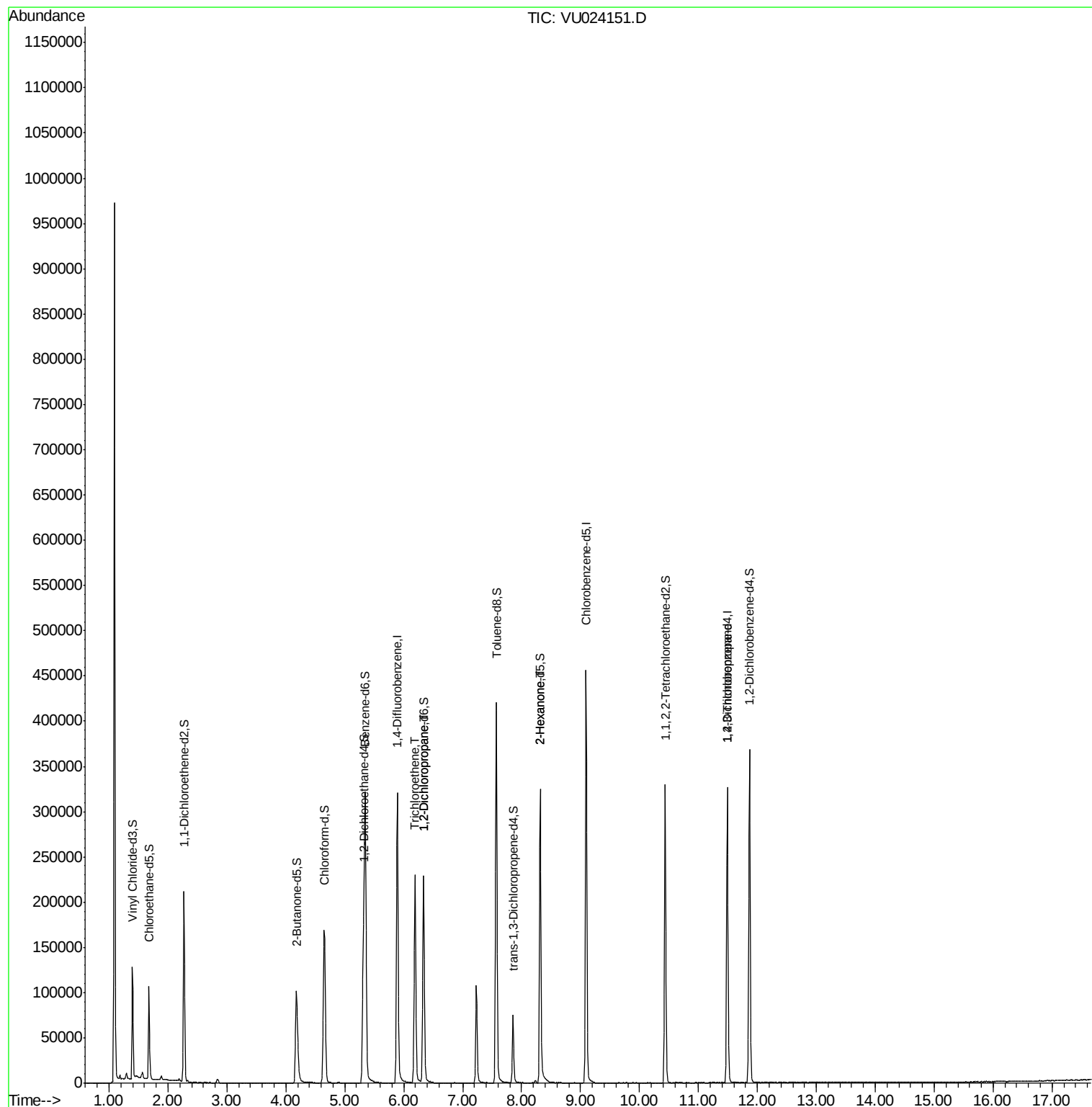
Target Compounds

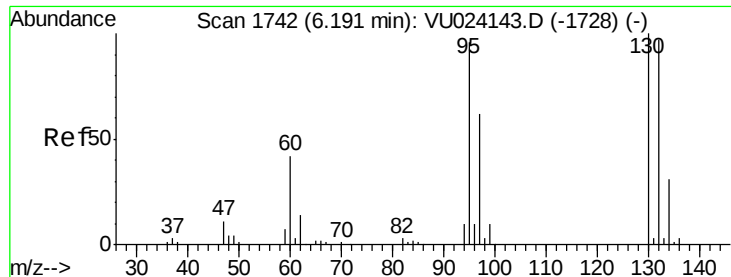
						Qvalue
34) Trichloroethene	6.19	95	81738	33.29	ug/L	97
37) 1,2-Dichloropropane	6.34	63	11674	4.76	ug/L #	89
48) 2-Hexanone	8.31	43	13224	5.04	ug/L #	68
59) 1,2,3-Trichloropropane	11.49	75	10637	3.47	ug/L	92

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

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#34

Trichloroethene

Concen: 33.29 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VU024151.D

Acq: 26 May 2018 17:32

Tgt Ion: 95 Resp: 81738

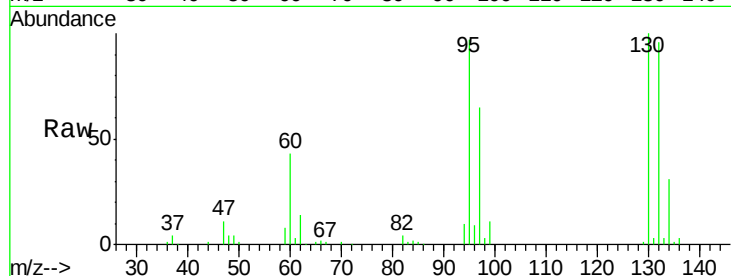
Ion Ratio Lower Upper

95 100

97 67.3 44.5 82.7

132 99.6 69.0 128.2

130 103.6 70.6 131.0

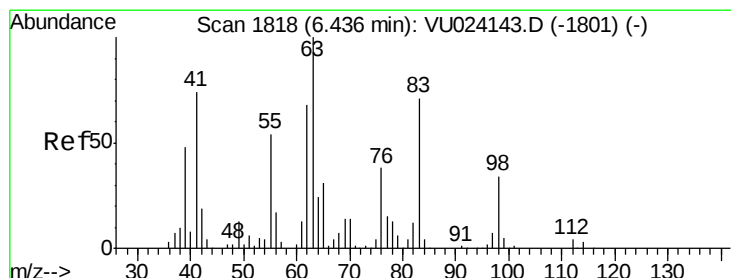
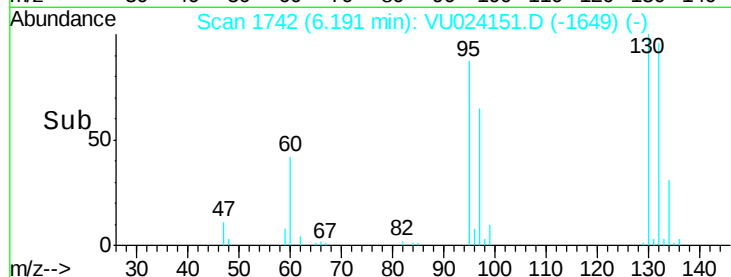
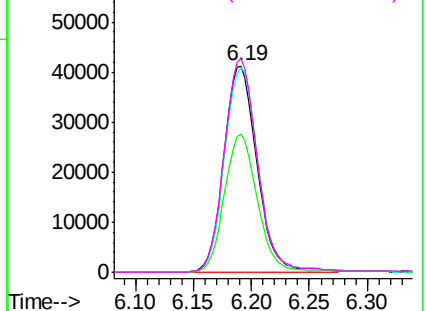


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#37

1,2-Dichloropropane

Concen: 4.76 ug/L

RT: 6.34 min Scan# 1787

Delta R.T. -0.10 min

Lab File: VU024151.D

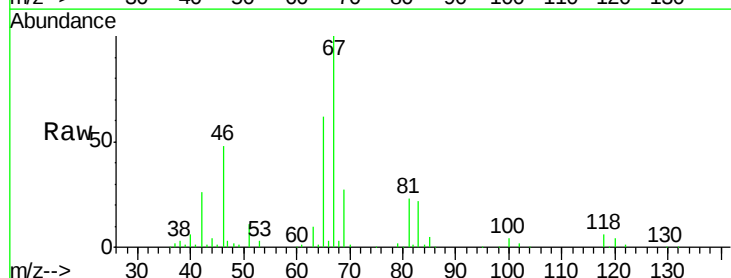
Acq: 26 May 2018 17:32

Tgt Ion: 63 Resp: 11674

Ion Ratio Lower Upper

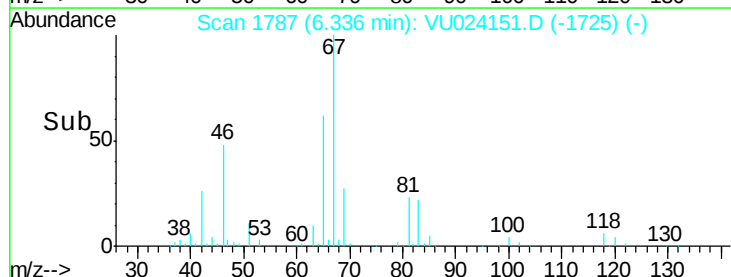
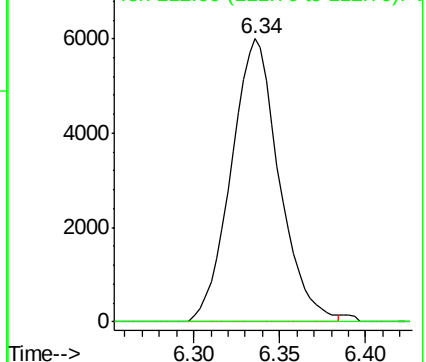
63 100

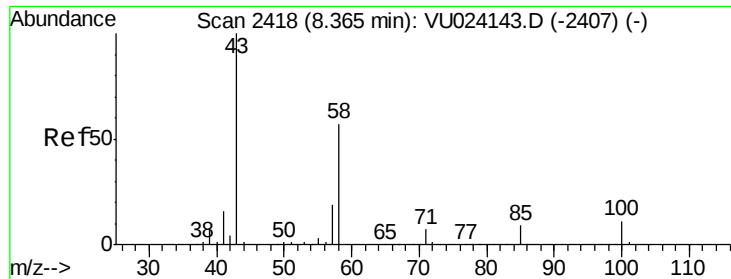
112 0.0 2.9 4.3#



Abundance Ion 63.00 (62.70 to 63.70): VU0

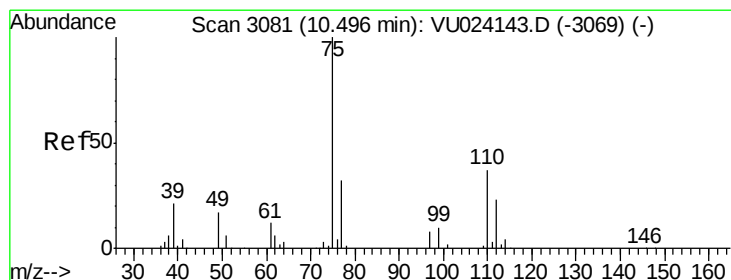
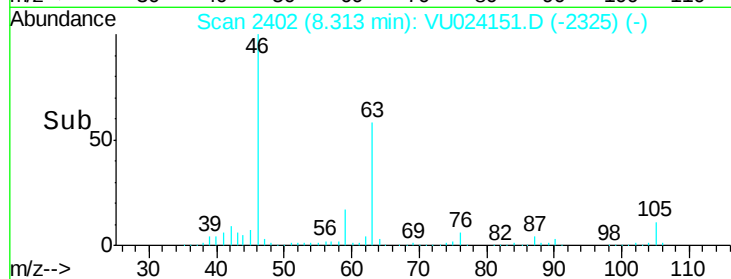
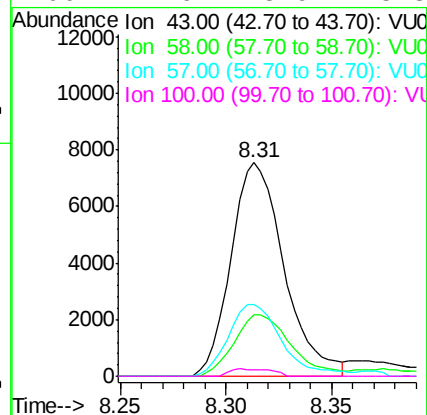
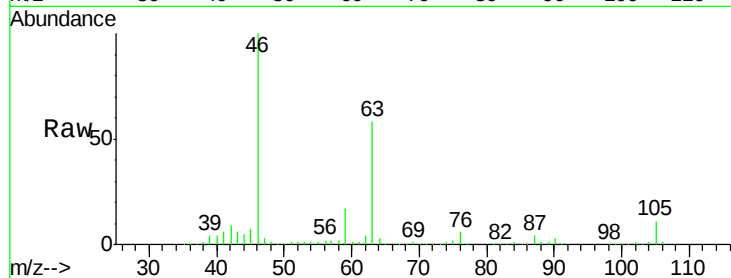
Ion 112.00 (111.70 to 112.70): V





#48
 2-Hexanone
 Concen: 5.04 ug/L
 RT: 8.31 min Scan# 2402
 Delta R.T. -0.05 min
 Lab File: VU024151.D
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Tgt Ion:	43	Resp:	13224
Ion	Ratio	Lower	Upper
43	100		
58	31.0	44.6	67.0#
57	33.0	15.3	22.9#
100	1.6	8.9	13.3#



#59
 1,2,3-Trichloropropane
 Concen: 3.47 ug/L
 RT: 11.49 min Scan# 3390
 Delta R.T. 0.99 min
 Lab File: VU024151.D
 Acq: 26 May 2018 17:32

Tgt Ion:	75	Resp:	10637
Ion	Ratio	Lower	Upper
75	100		
77	36.6	25.5	38.3

