

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052718\
 Data File : VU024189.D
 Acq On : 27 May 2018 15:27
 Operator : MD/SY
 Sample : J3089-14 2000X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 28 04:19:48 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM052518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 28 04:17:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	310250	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	284224	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	98898	50.00	ug/L	0.00

System Monitoring Compounds

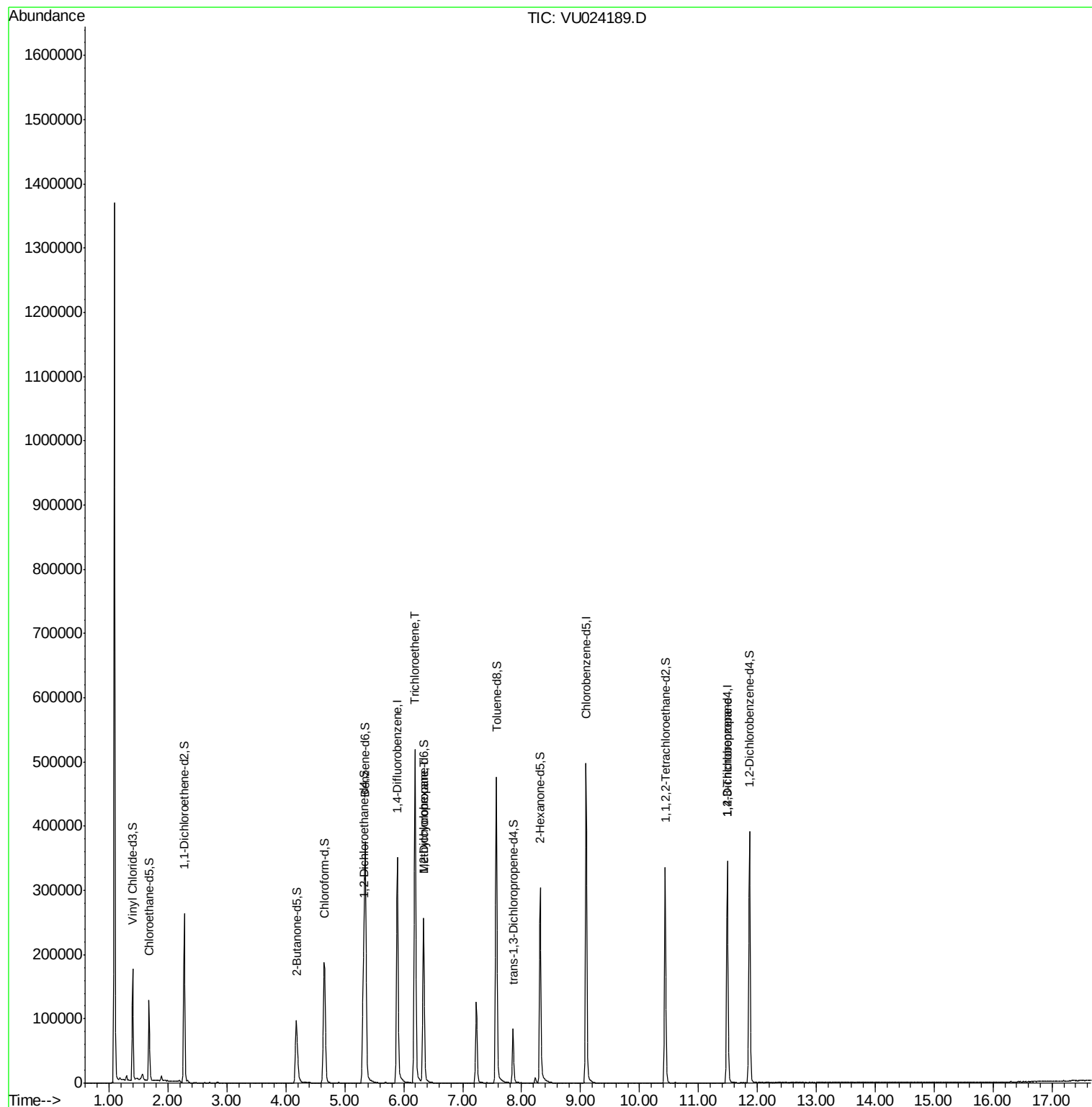
4) Vinyl Chloride-d3	1.40	65	110867	47.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.02%
7) Chloroethane-d5	1.68	69	90951	48.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.12%
11) 1,1-Dichloroethene-d2	2.27	63	153128	34.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.80%
21) 2-Butanone-d5	4.18	46	158047	84.29	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.29%
24) Chloroform-d	4.65	84	188090	44.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.00%
26) 1,2-Dichloroethane-d4	5.31	65	123889	46.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.54%
32) Benzene-d6	5.35	84	387161	49.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.44%
36) 1,2-Dichloropropane-d6	6.34	67	130026	48.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.46%
41) Toluene-d8	7.57	98	337164	46.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.50%
43) trans-1,3-Dichloropropene-	7.85	79	47825	44.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.22%
47) 2-Hexanone-d5	8.31	63	104981	81.62	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.62%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	170838	43.44	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.88%
64) 1,2-Dichlorobenzene-d4	11.87	152	111395	51.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.74%

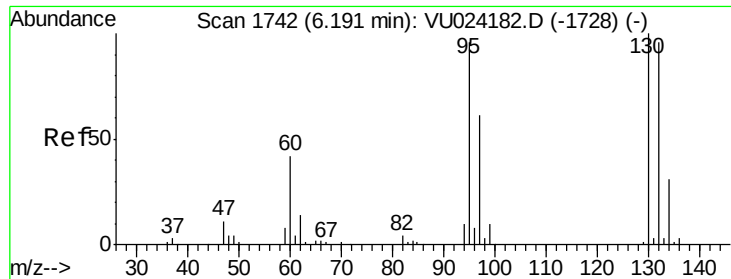
Target Compounds						Qvalue
34) Trichloroethene	6.19	95	188298	70.85	ug/L	99
35) Methylcyclohexane	6.34	83	29465	8.01	ug/L	# 18
59) 1,2,3-Trichloropropane	11.49	75	11305	3.40	ug/L	92

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

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#34

Trichloroethene

Concen: 70.85 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VU024189.D

Acq: 27 May 2018 15:27

Tgt Ion: 95 Resp: 188298

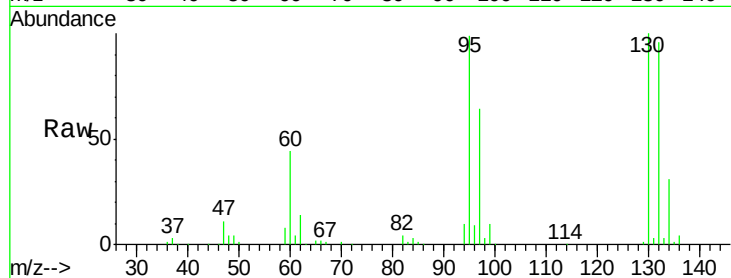
Ion Ratio Lower Upper

95 100

97 64.7 44.5 82.7

132 96.7 69.0 128.2

130 100.9 70.6 131.0

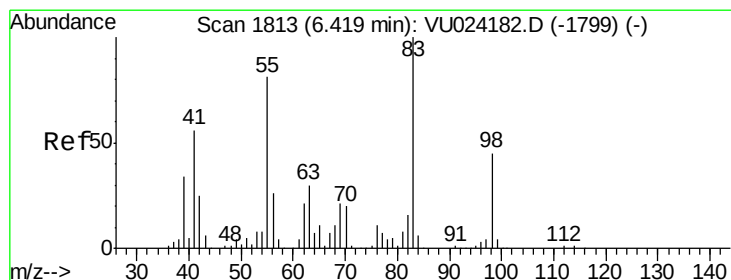
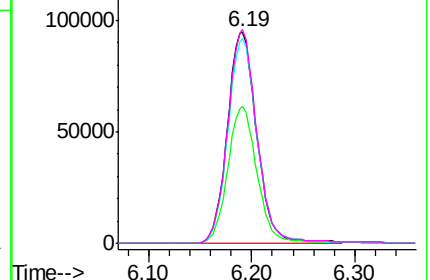
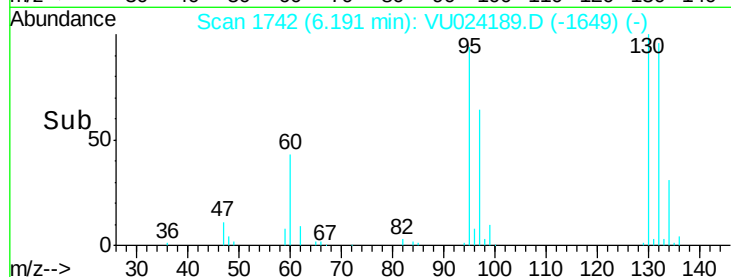


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#35

Methylcyclohexane

Concen: 8.01 ug/L

RT: 6.34 min Scan# 1787

Delta R.T. -0.08 min

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Acq: 27 May 2018 15:27

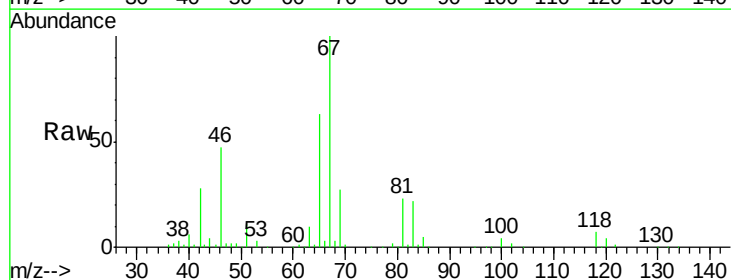
Tgt Ion: 83 Resp: 29465

Ion Ratio Lower Upper

83 100

55 0.3 64.1 96.1#

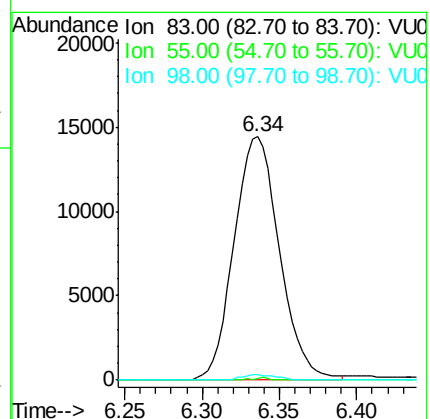
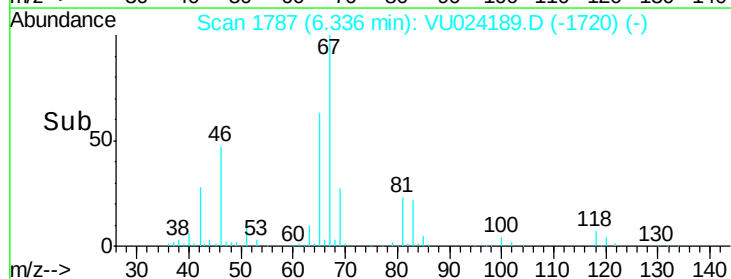
98 1.6 35.8 53.8#

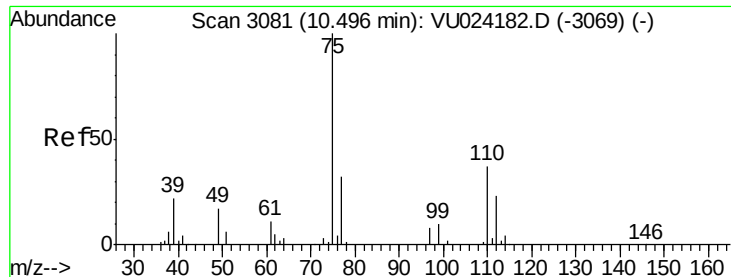


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#59

1,2,3-Trichloropropane

Concen: 3.40 ug/L

RT: 11.49 min Scan# 3390

Delta R.T. 0.99 min

Lab File: VU024189.D

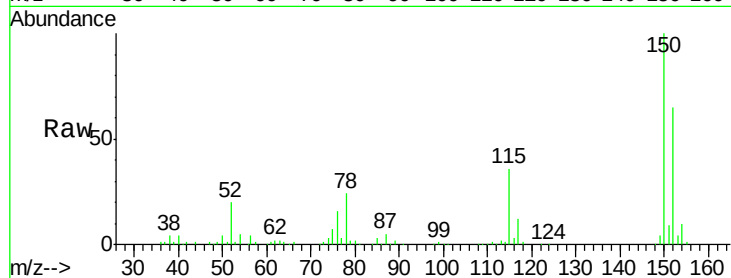
Acq: 27 May 2018 15:27

Tgt Ion: 75 Resp: 11305

Ion Ratio Lower Upper

75 100

77 36.2 25.5 38.3



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

