

Data File : VU030259.D
Acq On : 21 Mar 2019 12:43
Operator : JC/SP
Sample : K2017-02RE
Misc : 6.42g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF0D5

Quant Time: Mar 22 04:07:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 22 04:03:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1065208	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1084447	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	579752	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	190048	26.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	52.78%#
7) Chloroethane-d5	1.64	69	98017	17.02	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	34.04%#
11) 1,1-Dichloroethene-d2	2.24	63	270936	20.62	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	41.24%#
21) 2-Butanone-d5	4.18	46	375645	70.30	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	70.30%
24) Chloroform-d	4.64	84	402987	30.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	60.98%#
26) 1,2-Dichloroethane-d4	5.30	65	248451	32.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	65.90%#
32) Benzene-d6	5.33	84	860861	30.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	60.24%#
36) 1,2-Dichloropropane-d6	6.32	67	280549	31.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	63.46%#
41) Toluene-d8	7.56	98	778804	28.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	57.96%#
43) trans-1,3-Dichloropropene-	7.85	79	132262	30.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.44%
47) 2-Hexanone-d5	8.32	63	346807	75.63	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.63%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	503110	37.09	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	74.18%
64) 1,2-Dichlorobenzene-d4	11.86	152	379957	32.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	65.28%#

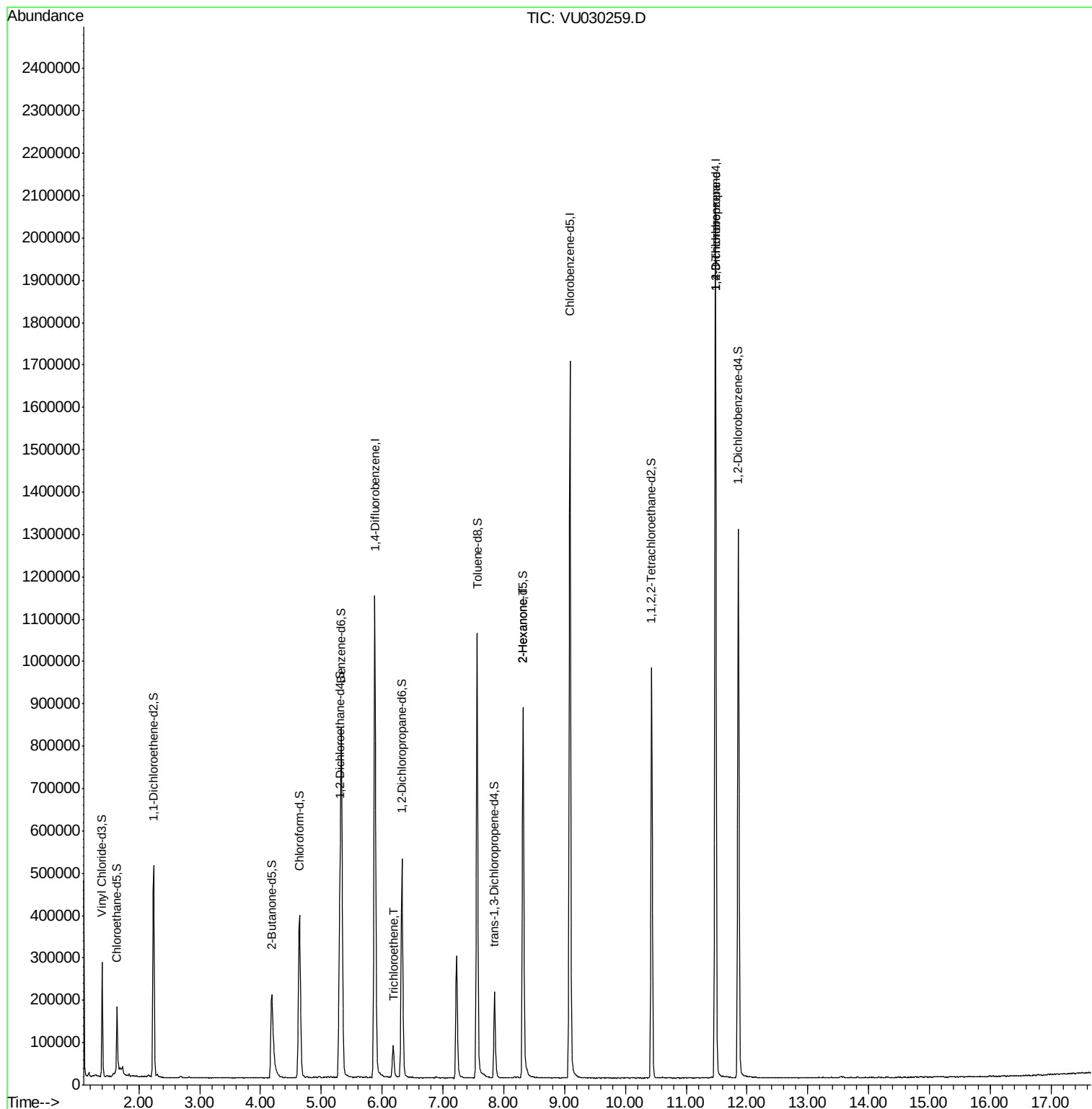
Target Compounds					Qvalue
34) Trichloroethene	6.18	95	27846	3.377 ug/L	97
48) 2-Hexanone	8.32	43	32350	3.539 ug/L #	64
59) 1,2,3-Trichloropropane	11.48	75	60642	5.599 ug/L	98

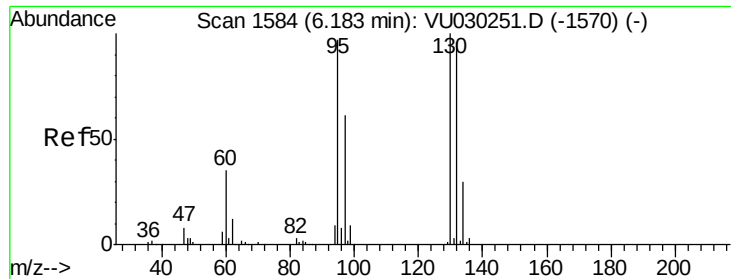
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 3.377 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

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ClientSampleId :

BF0D5

Tgt Ion: 95 Resp: 27846

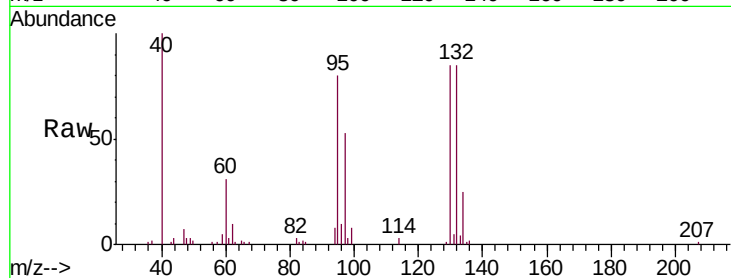
Ion Ratio Lower Upper

95 100

97 66.4 46.2 85.8

132 106.4 69.3 128.7

130 106.0 73.6 136.6



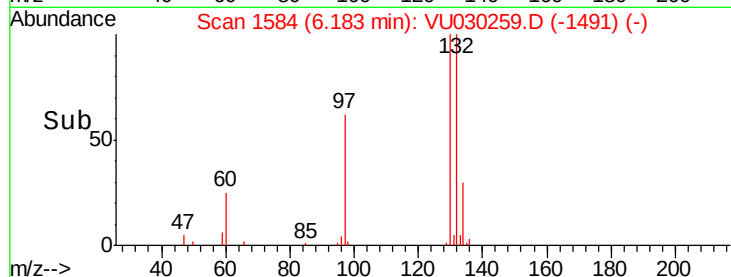
Abundance Ion 95.00 (94.70 to 95.70): VU0

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

Time-->



Abundance

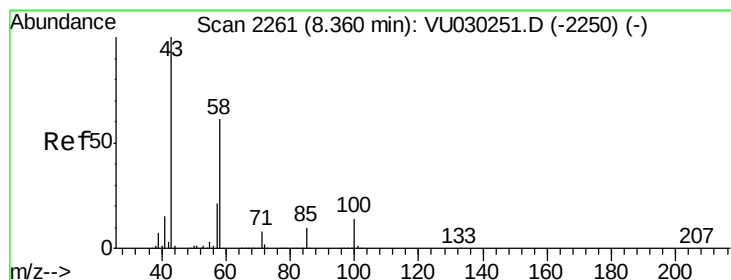
Ion 95.00 (94.70 to 95.70): VU0

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

Time-->



#48

2-Hexanone

Concen: 3.539 ug/L

RT: 8.32 min Scan# 2248

Delta R.T. -0.04 min

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Tgt Ion: 43 Resp: 32350

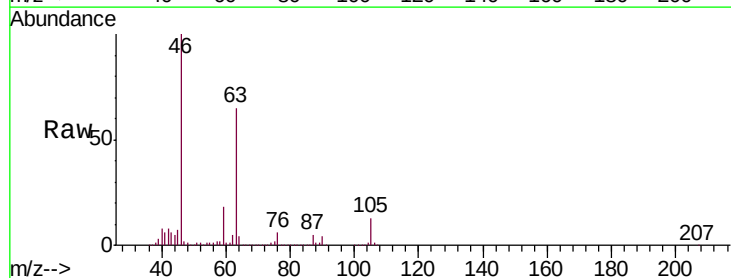
Ion Ratio Lower Upper

43 100

58 28.3 49.3 73.9#

57 28.7 17.0 25.4#

100 0.5 11.0 16.4#



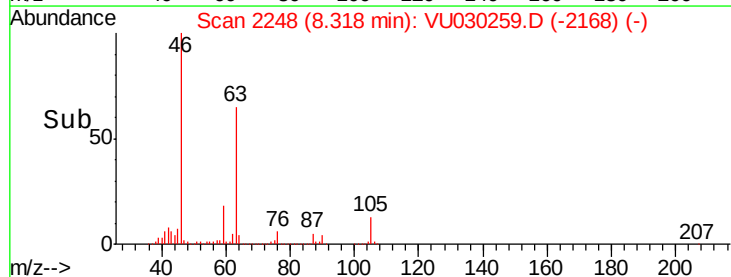
Abundance Ion 43.00 (42.70 to 43.70): VU0

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

Time-->



Abundance

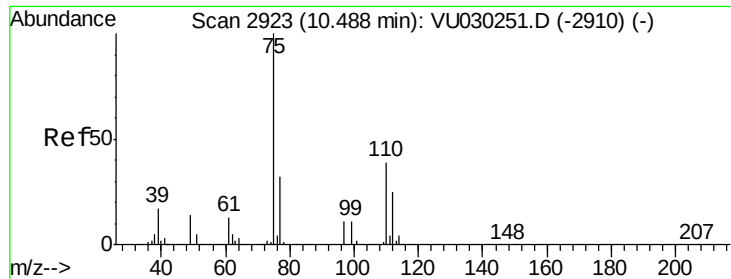
Ion 43.00 (42.70 to 43.70): VU0

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

Time-->



#59

1,2,3-Trichloropropane

Concen: 5.599 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

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Tgt Ion: 75 Resp: 60642

Ion Ratio Lower Upper

75 100

77 33.6 25.8 38.8

