

Data File : VU031760.D
Acq On : 03 May 2019 19:10
Operator : JC/SP
Sample : K2595-09 400X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0XH3

Quant Time: May 04 02:41:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 04 02:35:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	792885	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	759413	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	286887	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	327246	49.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.62%
7) Chloroethane-d5	1.68	69	254024	49.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.08%
11) 1,1-Dichloroethene-d2	2.27	63	477299	36.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.24%
21) 2-Butanone-d5	4.19	46	644969	107.27	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.27%
24) Chloroform-d	4.64	84	542857	44.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.34%
26) 1,2-Dichloroethane-d4	5.31	65	373751	47.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.14%
32) Benzene-d6	5.34	84	1115918	47.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.70%
36) 1,2-Dichloropropane-d6	6.32	67	395744	48.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.48%
41) Toluene-d8	7.56	98	925970	45.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.18%
43) trans-1,3-Dichloropropene-	7.85	79	155297	44.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.20%
47) 2-Hexanone-d5	8.31	63	378311	106.53	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.53%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	506250	45.98	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.96%
64) 1,2-Dichlorobenzene-d4	11.85	152	285680	47.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.70%

Target Compounds

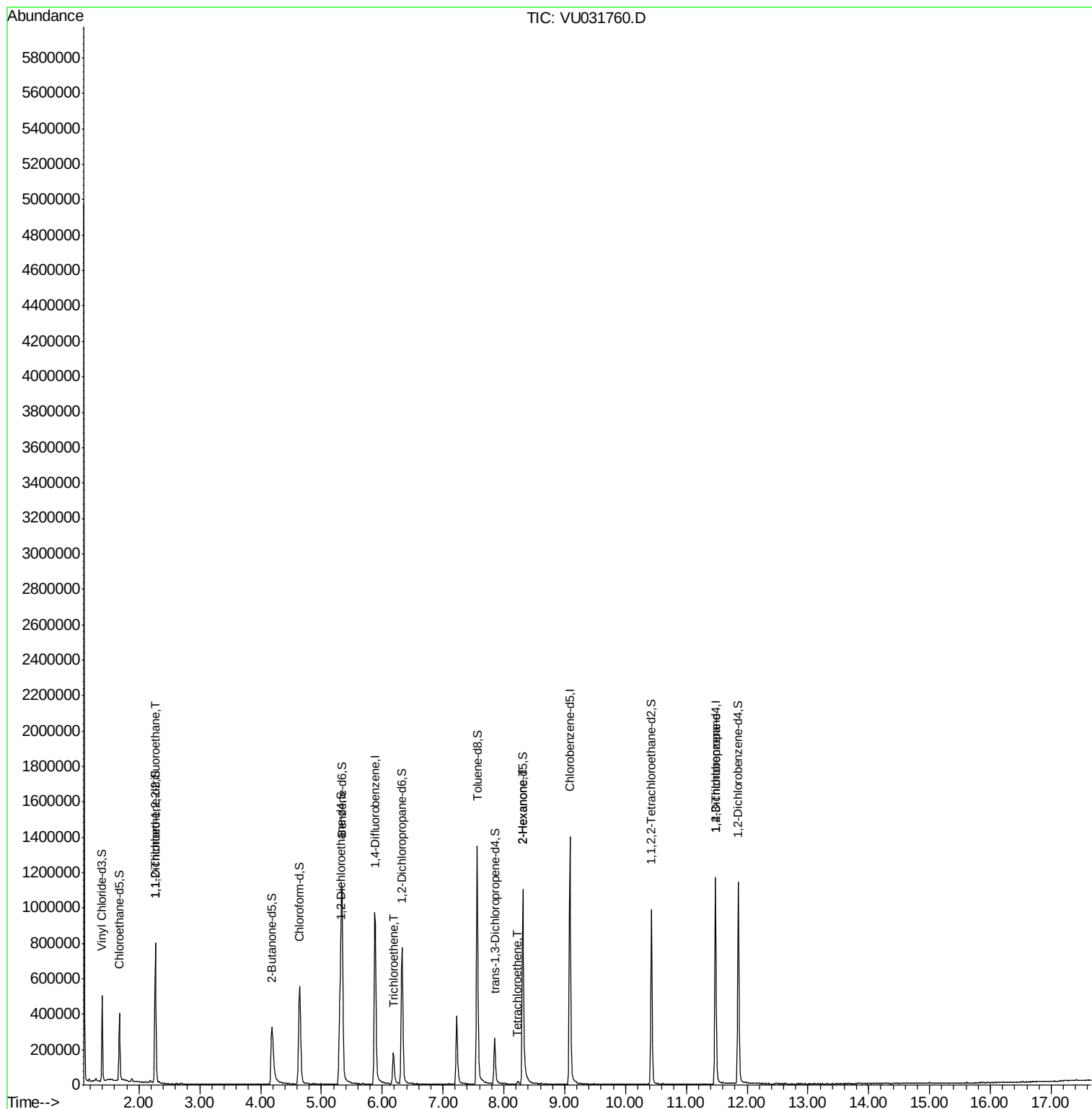
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3740	0.588	ug/L #	21
34) Trichloroethene	6.19	95	67752	10.011	ug/L	89
46) Tetrachloroethene	8.22	164	3245	0.703	ug/L #	70
48) 2-Hexanone	8.31	43	49320	5.000	ug/L #	75
59) 1,2,3-Trichloropropane	11.48	75	37436	3.984	ug/L	89

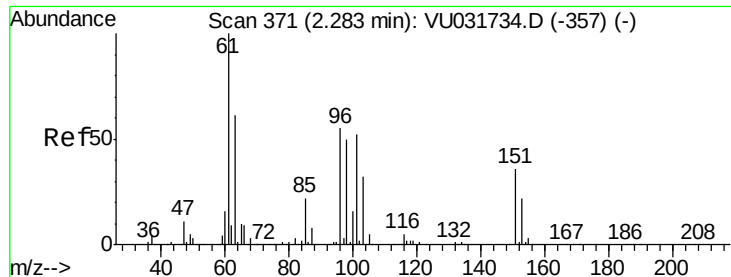
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.588 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

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C0XH3

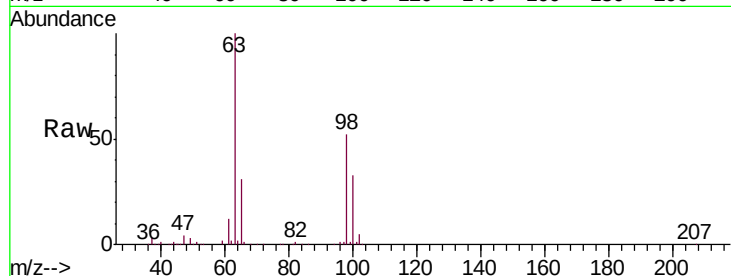
Tgt Ion: 101 Resp: 3740

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

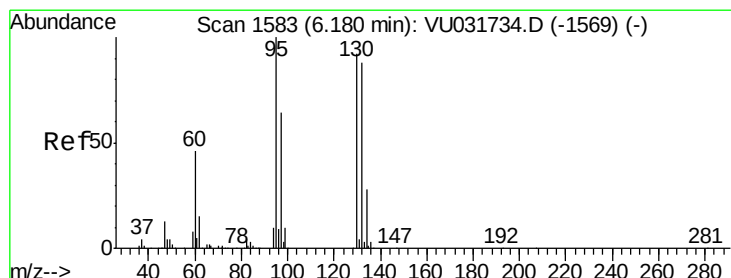
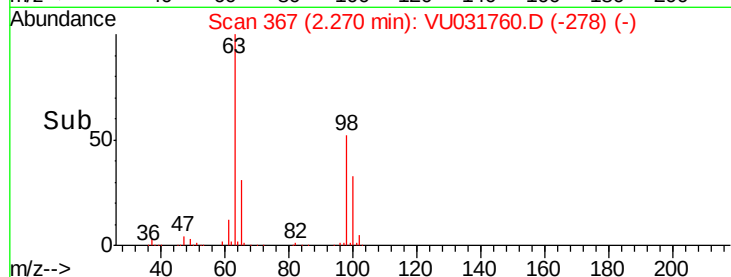
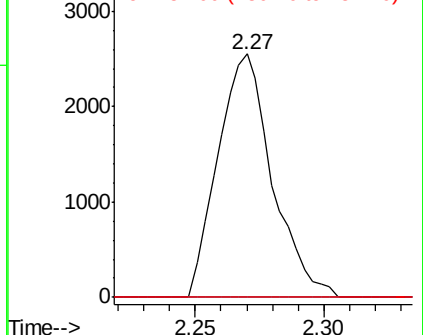
151 0.0 56.1 84.1#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#34

Trichloroethene

Concen: 10.011 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.01 min

Lab File: VU031760.D

Acq: 03 May 2019 19:10

Tgt Ion: 95 Resp: 67752

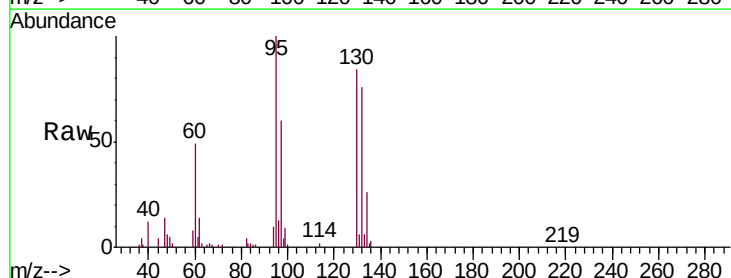
Ion Ratio Lower Upper

95 100

97 60.4 44.8 83.2

132 76.2 63.1 117.1

130 84.0 66.5 123.5

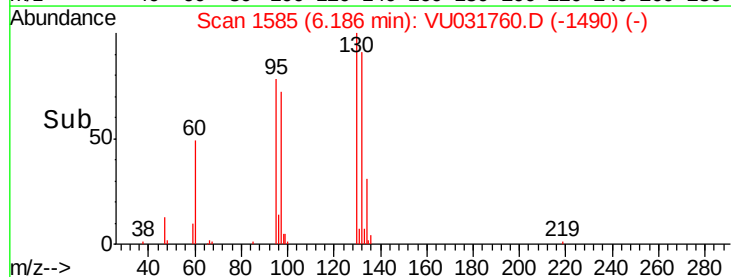
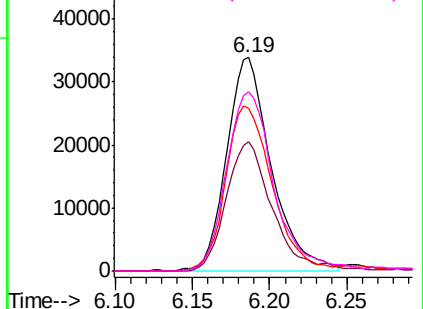


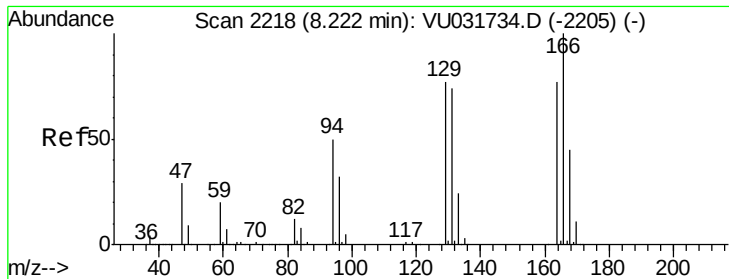
Abundance Ion 95.00 (94.70 to 95.70): VU0

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





#46

Tetrachloroethene

Concen: 0.703 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031760.D

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Instrument :

MSVOA_U

ClientSampleId :

C0XH3

Tgt Ion:164 Resp: 3245

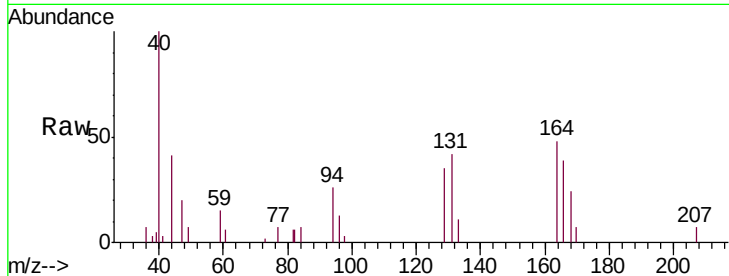
Ion Ratio Lower Upper

164 100

129 73.2 71.5 132.9

131 86.1 69.0 128.2

166 80.8 93.7 173.9#

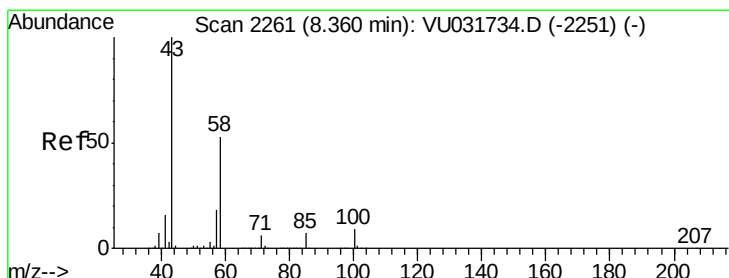
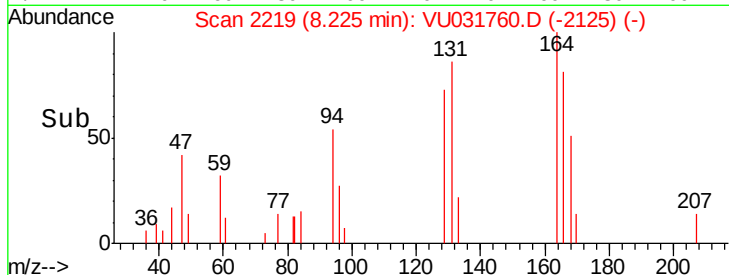
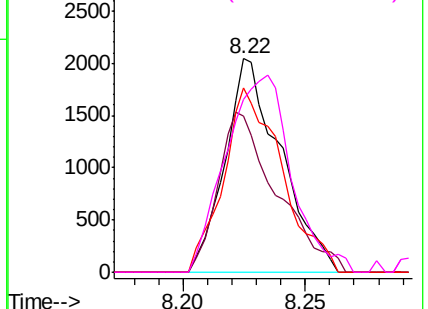


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#48

2-Hexanone

Concen: 5.000 ug/L

RT: 8.31 min Scan# 2246

Delta R.T. -0.05 min

Lab File: VU031760.D

Acq: 03 May 2019 19:10

Tgt Ion: 43 Resp: 49320

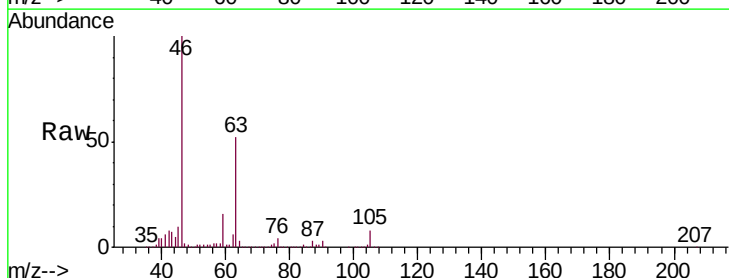
Ion Ratio Lower Upper

43 100

58 31.8 42.1 63.1#

57 24.7 14.6 22.0#

100 0.9 7.2 10.8#

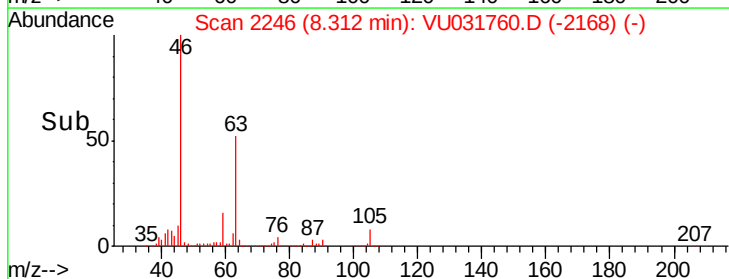
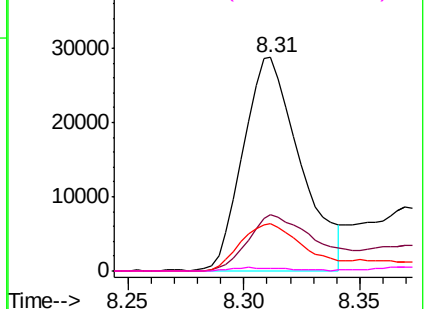


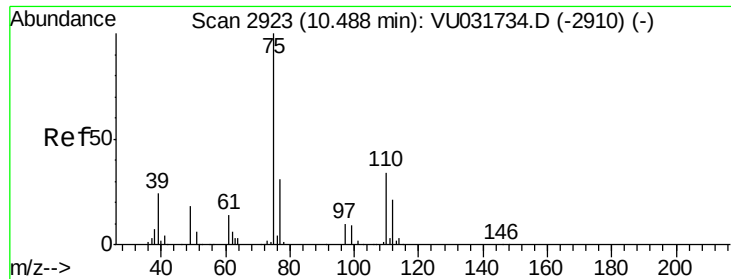
Abundance Ion 43.00 (42.70 to 43.70): VU0

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: 3.984 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031760.D

Acq: 03 May 2019 19:10

Instrument :

MSVOA_U

ClientSampleId :

C0XH3

Tgt Ion: 75 Resp: 37436

Ion Ratio Lower Upper

75 100

77 38.8 25.9 38.9

