

Data File : VU031756.D
Acq On : 03 May 2019 17:37
Operator : JC/SP
Sample : K2595-02 400X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0X70

Quant Time: May 04 02:41:15 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	803779	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	765610	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	292409	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	340926	50.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.36%
7) Chloroethane-d5	1.68	69	260890	50.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.38%
11) 1,1-Dichloroethene-d2	2.27	63	492146	36.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.48%
21) 2-Butanone-d5	4.18	46	665186	109.14	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.14%
24) Chloroform-d	4.64	84	557437	45.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.50%
26) 1,2-Dichloroethane-d4	5.31	65	389883	48.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.88%
32) Benzene-d6	5.34	84	1146340	48.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.52%
36) 1,2-Dichloropropane-d6	6.32	67	402211	48.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.26%
41) Toluene-d8	7.56	98	937797	45.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.60%
43) trans-1,3-Dichloropropene-	7.85	79	158080	44.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.04%
47) 2-Hexanone-d5	8.31	63	384408	107.37	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.37%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	519484	46.80	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	291478	47.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.80%

Target Compounds

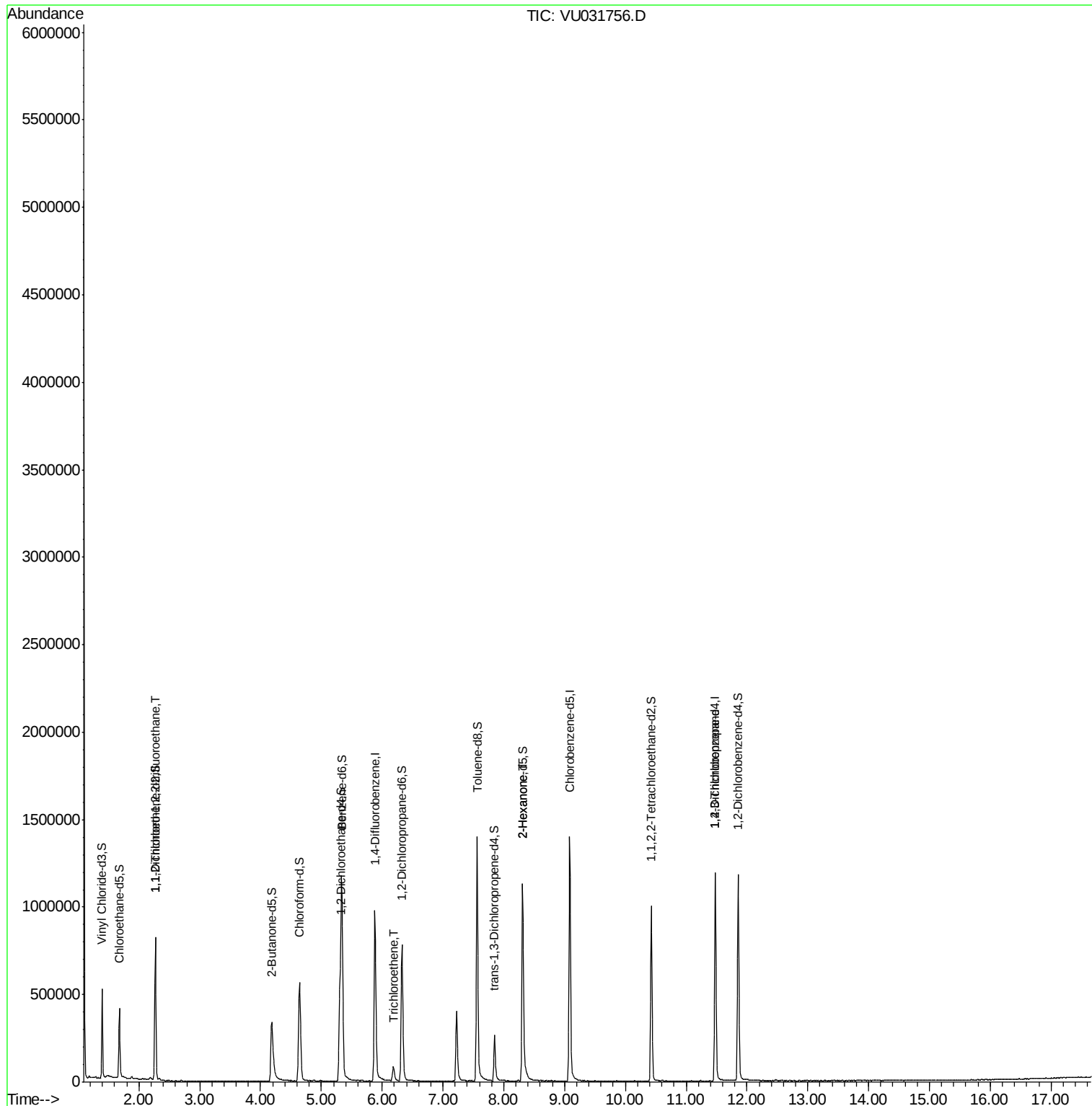
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	4087	0.634 ug/L #	22
34) Trichloroethene	6.19	95	28358	4.156 ug/L	93
48) 2-Hexanone	8.31	43	52382	5.268 ug/L #	74
59) 1,2,3-Trichloropropane	11.48	75	40825	4.309 ug/L	89

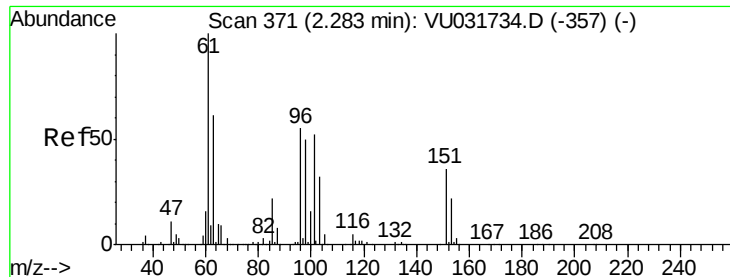
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.634 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

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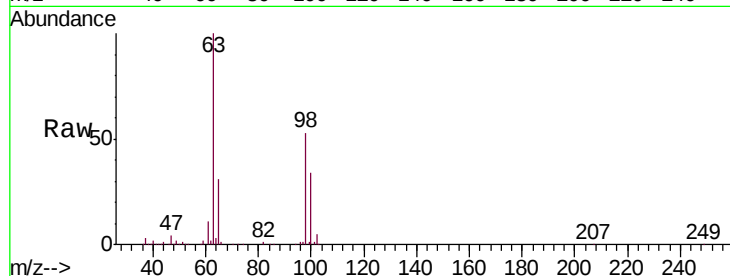
Tgt Ion:101 Resp: 4087

Ion Ratio Lower Upper

101 100

85 1.3 36.1 54.1#

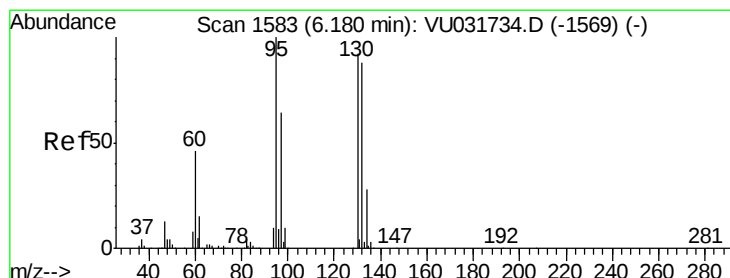
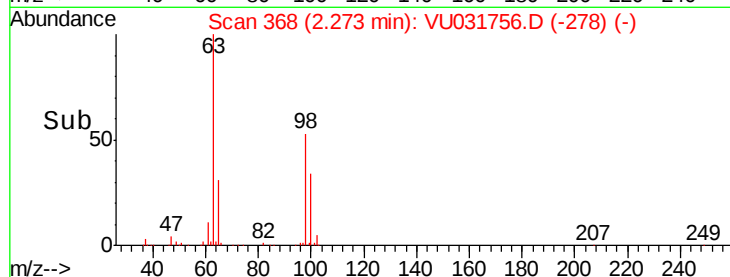
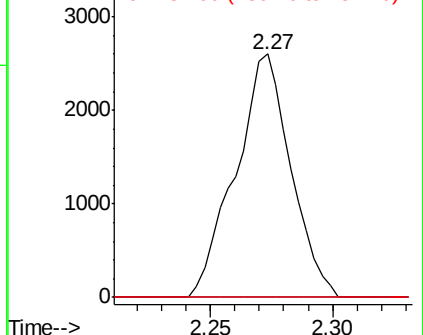
151 0.0 56.1 84.1#



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: 4.156 ug/L

RT: 6.19 min Scan# 1586

Delta R.T. 0.01 min

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Tgt Ion: 95 Resp: 28358

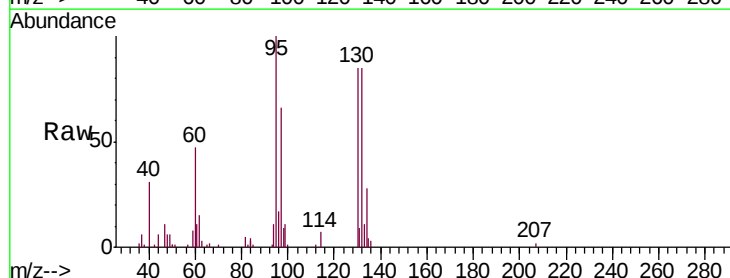
Ion Ratio Lower Upper

95 100

97 66.2 44.8 83.2

132 85.0 63.1 117.1

130 84.8 66.5 123.5

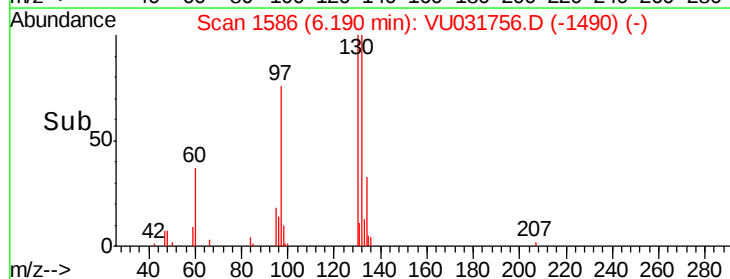
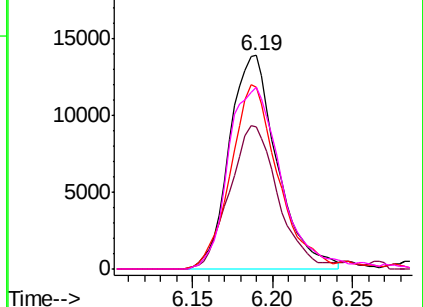


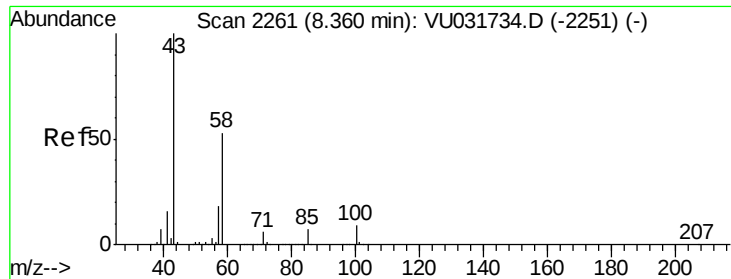
Abundance Ion 95.00 (94.70 to 95.70): VU0

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

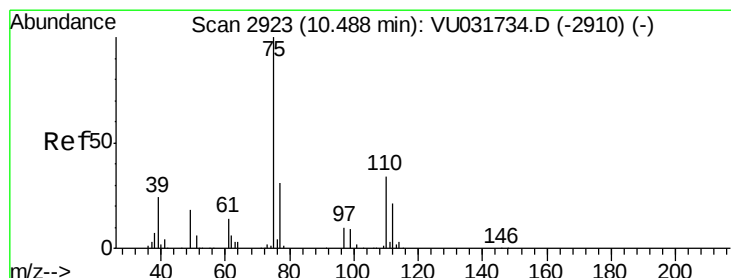
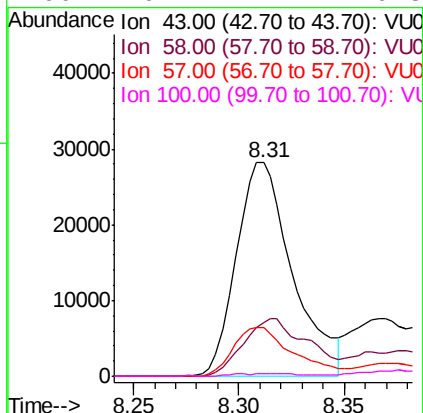
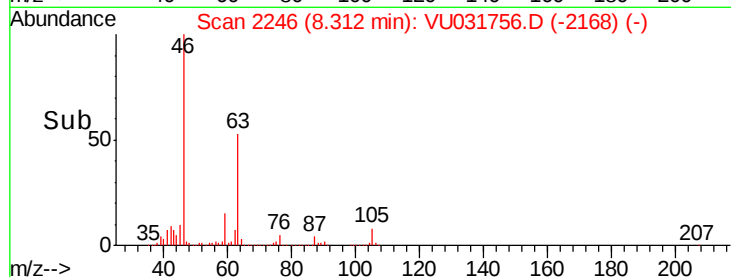
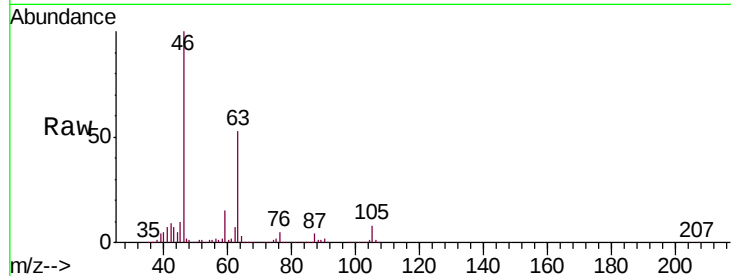




#48
2-Hexanone
Concen: 5.268 ug/L
RT: 8.31 min Scan# 2246
Delta R.T. -0.05 min
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Tgt Ion: 43 Resp: 52382
Ion Ratio Lower Upper
43 100
58 30.9 42.1 63.1#
57 24.5 14.6 22.0#
100 0.2 7.2 10.8#



#59
1,2,3-Trichloropropane
Concen: 4.309 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU031756.D
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Tgt Ion: 75 Resp: 40825
Ion Ratio Lower Upper
75 100
77 38.7 25.9 38.9

