

Data File : VU031757.D
Acq On : 03 May 2019 18:00
Operator : JC/SP
Sample : K2595-03 400X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0X71

Quant Time: May 04 02:41:22 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	634708	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	602675	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	225037	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	326171	61.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	122.80%
7) Chloroethane-d5	1.68	69	253630	61.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	123.58%
11) 1,1-Dichloroethene-d2	2.41	63	284	0.03	ug/L	0.14
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.06%#
21) 2-Butanone-d5	4.19	46	637844	132.53	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	132.53%#
24) Chloroform-d	4.64	84	541859	55.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.40%
26) 1,2-Dichloroethane-d4	5.31	65	376893	59.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	118.60%
32) Benzene-d6	5.34	84	1097702	59.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	118.62%
36) 1,2-Dichloropropane-d6	6.32	67	394973	60.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	121.32%#
41) Toluene-d8	7.56	98	897415	55.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.34%
43) trans-1,3-Dichloropropene-	7.85	79	156410	55.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	111.92%
47) 2-Hexanone-d5	8.31	63	378094	134.16	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	134.16%#
57) 1,1,2,2-Tetrachloroethane-	10.43	84	501506	57.39	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	114.78%
64) 1,2-Dichlorobenzene-d4	11.86	152	283537	59.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	119.82%

Target Compounds

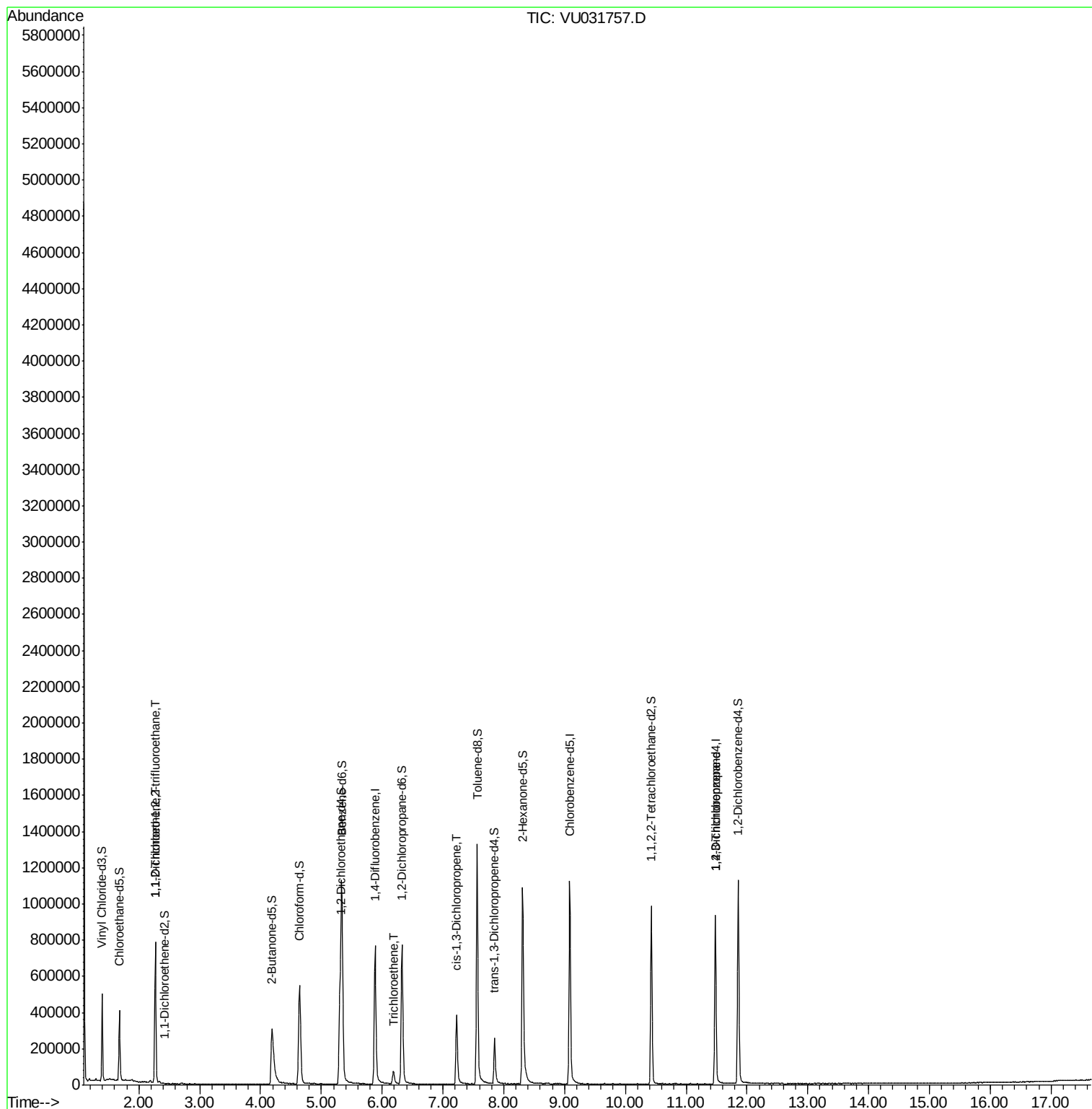
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3724	0.732 ug/L #	21
12) 1,1-Dichloroethene	2.27	96	3257	0.658 ug/L #	1
34) Trichloroethene	6.19	95	23784	4.428 ug/L	96
39) cis-1,3-Dichloropropene	7.22	75	9626	1.158 ug/L #	79
59) 1,2,3-Trichloropropane	11.48	75	32127	4.308 ug/L	91

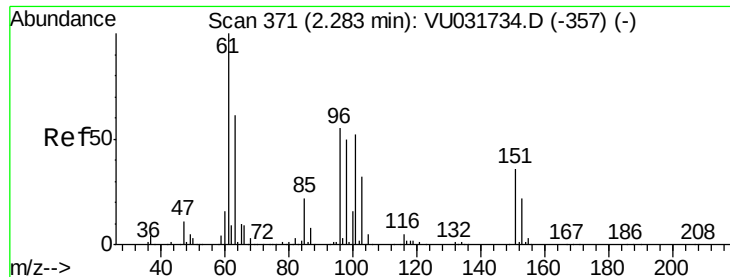
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.732 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

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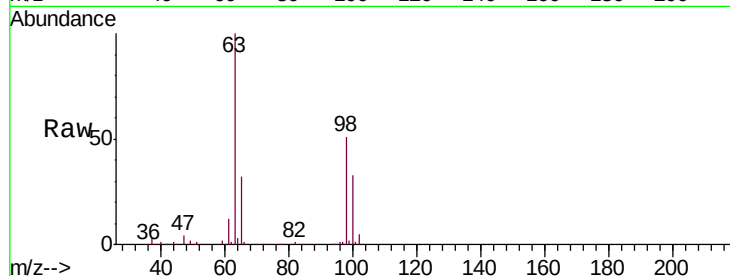
Tgt Ion: 101 Resp: 3724

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

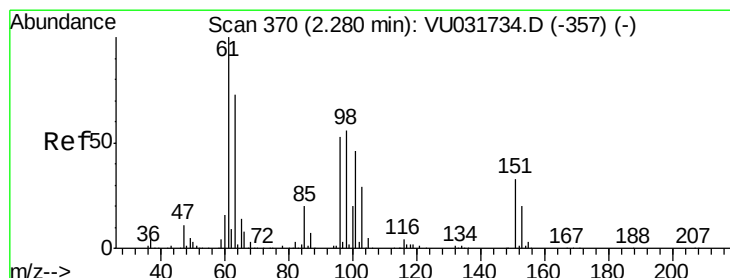
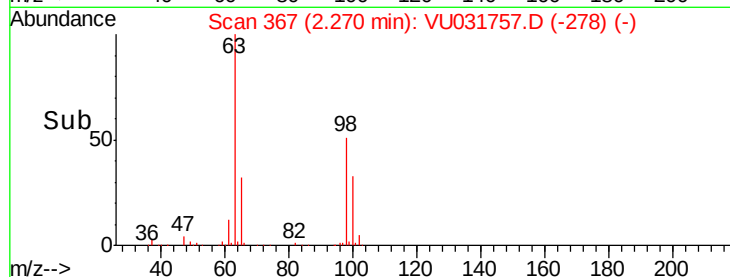
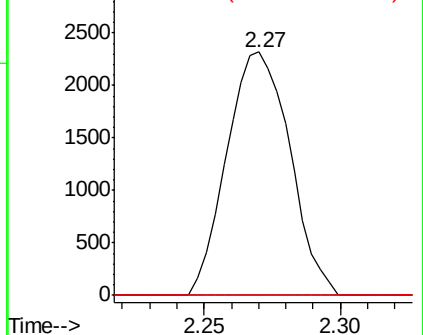
151 0.0 56.1 84.1#



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



#12

1,1-Dichloroethene

Concen: 0.658 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

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Acq: 03 May 2019 18:00

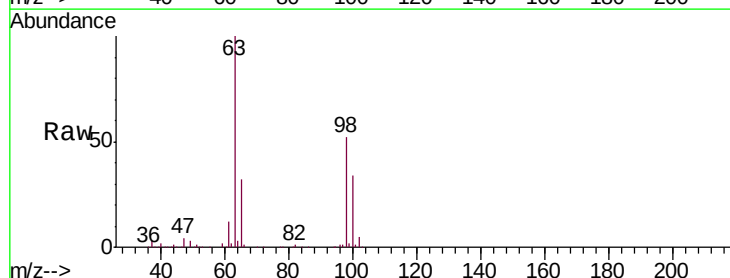
Tgt Ion: 96 Resp: 3257

Ion Ratio Lower Upper

96 100

61 1581.2 135.0 250.6#

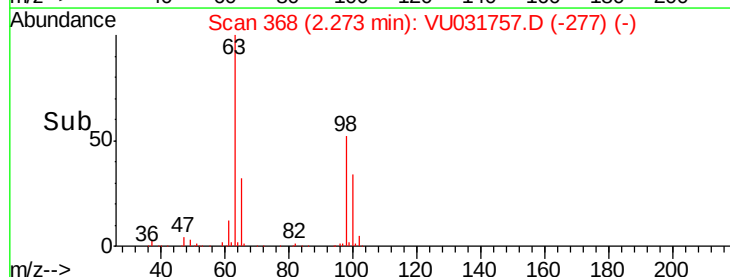
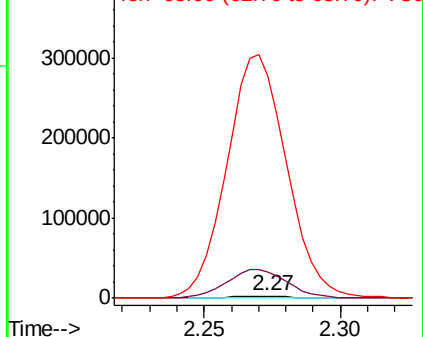
63 13338.5 103.5 192.3#

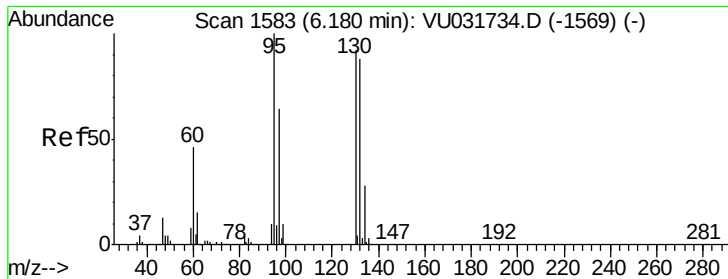


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#34

Trichloroethene

Concen: 4.428 ug/L

RT: 6.19 min Scan# 1586

Delta R.T. 0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

C0X71

Tgt Ion: 95 Resp: 23784

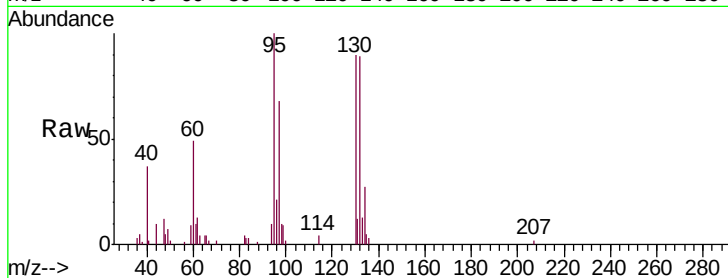
Ion Ratio Lower Upper

95 100

97 67.5 44.8 83.2

132 88.6 63.1 117.1

130 89.7 66.5 123.5

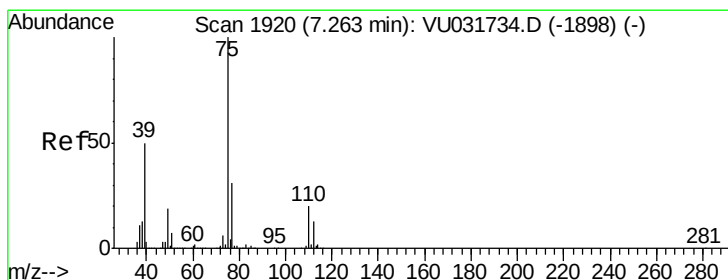
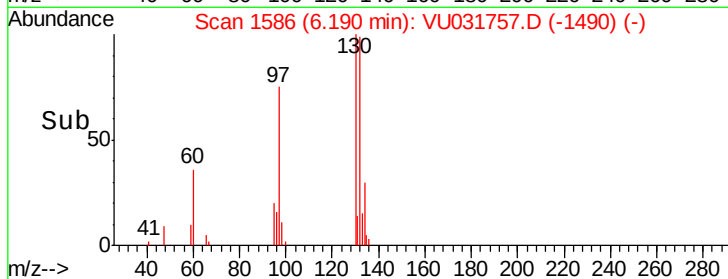
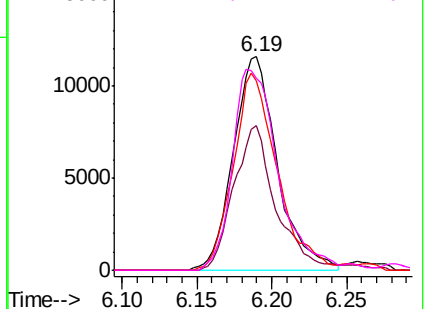


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#39

cis-1,3-Dichloropropene

Concen: 1.158 ug/L

RT: 7.22 min Scan# 1908

Delta R.T. -0.04 min

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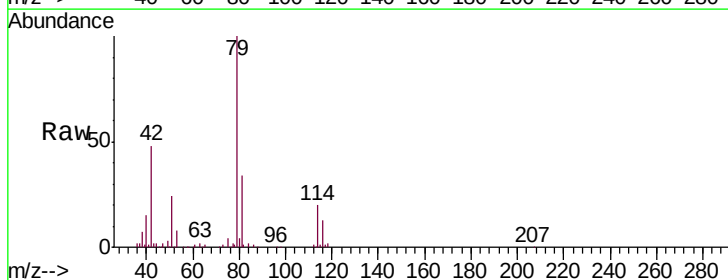
Acq: 03 May 2019 18:00

Tgt Ion: 75 Resp: 9626

Ion Ratio Lower Upper

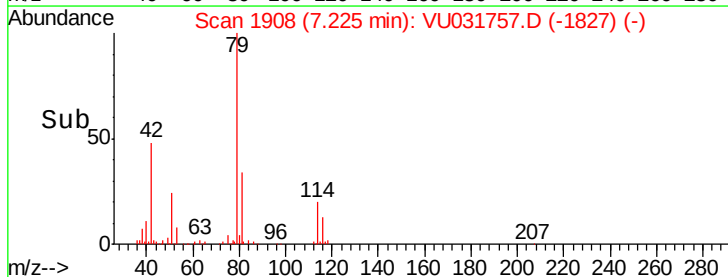
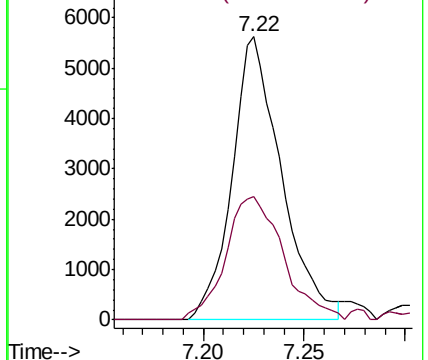
75 100

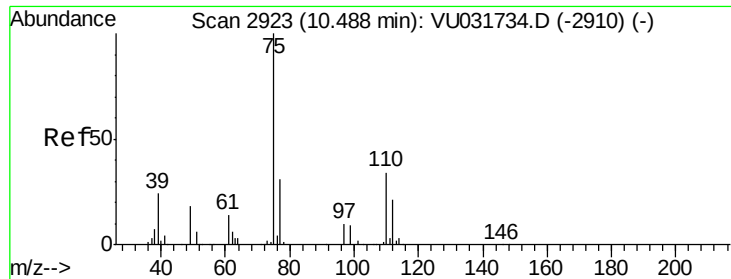
77 43.4 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#59

1,2,3-Trichloropropane

Concen: 4.308 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031757.D

Acq: 03 May 2019 18:00

Instrument :

MSVOA_U

ClientSampleId :

C0X71

Tgt Ion: 75 Resp: 32127

Ion Ratio Lower Upper

75 100

77 37.3 25.9 38.9

