

Data File : VU031749.D
Acq On : 03 May 2019 14:54
Operator : JC/SP
Sample : VIBLK40
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK40

Quant Time: May 04 02:40:26 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	771903	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	741574	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	291815	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	308979	47.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.66%
7) Chloroethane-d5	1.68	69	240417	48.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.32%
11) 1,1-Dichloroethene-d2	2.35	63	325	0.03	ug/L	0.08
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.06%#
21) 2-Butanone-d5	4.18	46	656275	112.12	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.12%
24) Chloroform-d	4.64	84	533521	45.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.18%
26) 1,2-Dichloroethane-d4	5.31	65	368238	47.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.28%
32) Benzene-d6	5.34	84	1076459	47.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.54%
36) 1,2-Dichloropropane-d6	6.32	67	388443	48.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.98%
41) Toluene-d8	7.56	98	905042	45.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.26%
43) trans-1,3-Dichloropropene-	7.85	79	155551	45.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.46%
47) 2-Hexanone-d5	8.31	63	392990	113.33	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.33%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	514997	47.90	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.80%
64) 1,2-Dichlorobenzene-d4	11.85	152	296610	48.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.66%

Target Compounds

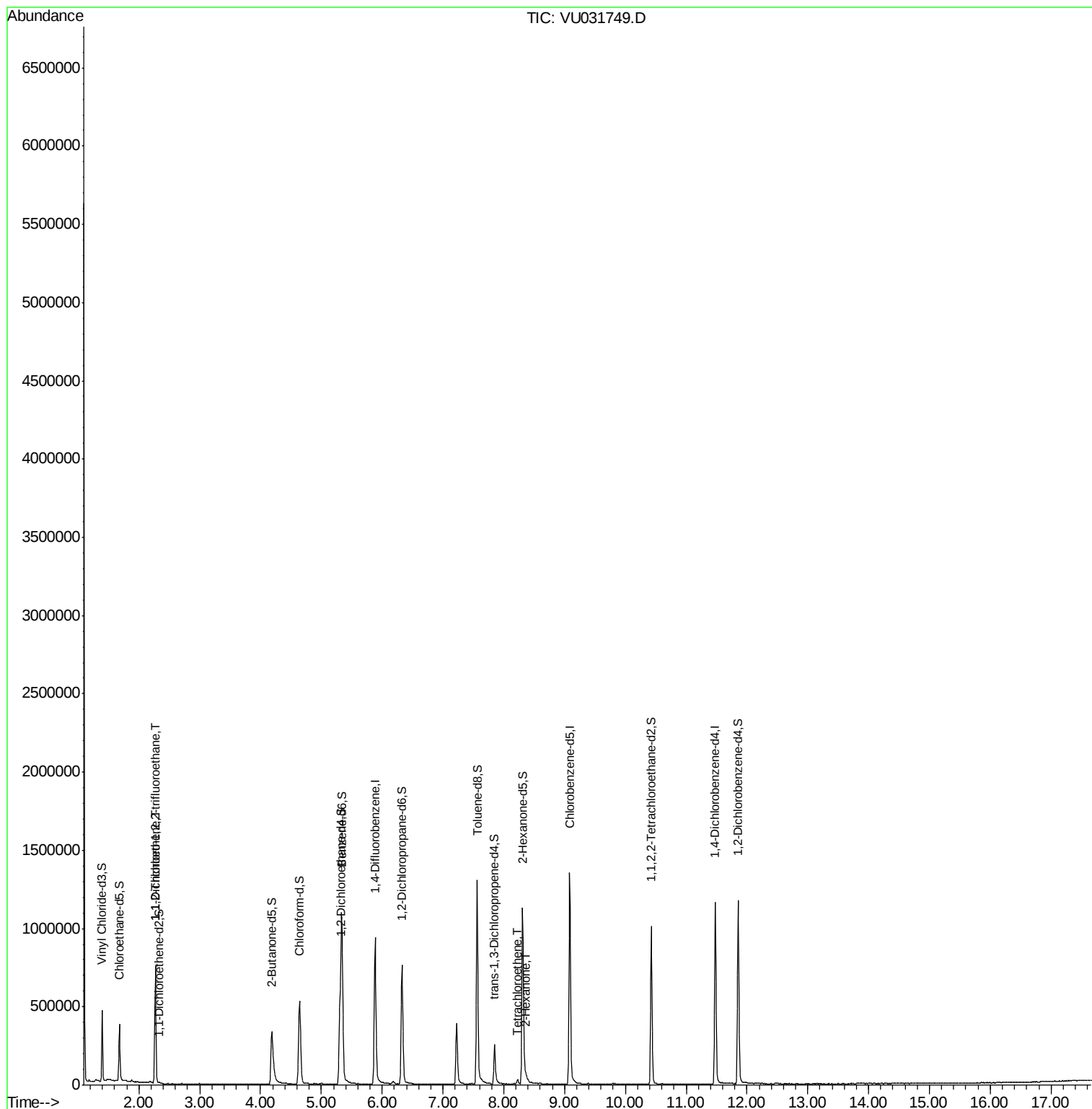
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	4102	0.663	ug/L #	23
12) 1,1-Dichloroethene	2.27	96	3529	0.586	ug/L #	1
46) Tetrachloroethene	8.22	164	6390	1.418	ug/L	95
48) 2-Hexanone	8.37	43	17460	1.813	ug/L #	53

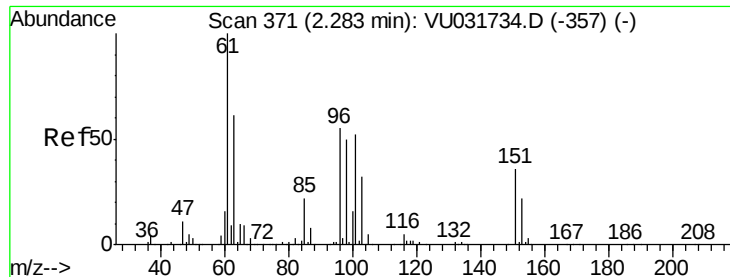
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.663 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

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Instrument :

MSVOA_U

ClientSampleId :

VIBLK40

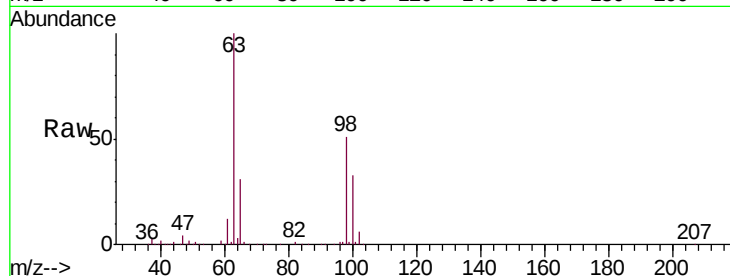
Tgt Ion: 101 Resp: 4102

Ion Ratio Lower Upper

101 100

85 2.5 36.1 54.1#

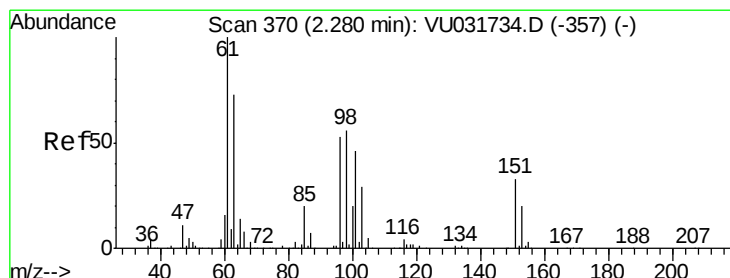
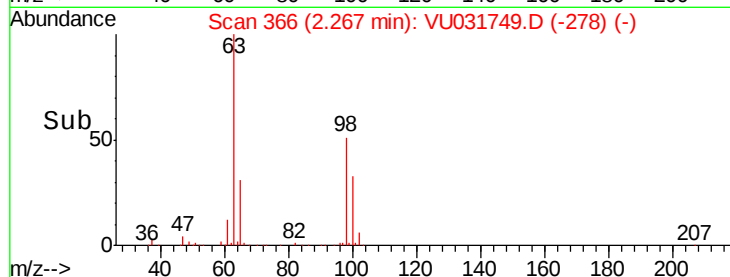
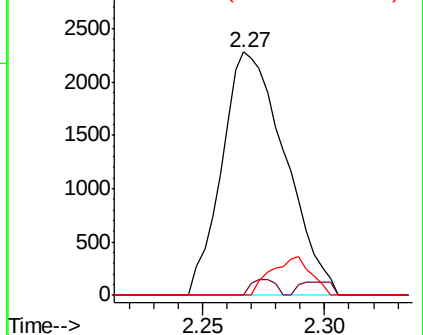
151 0.0 56.1 84.1#



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: 0.586 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

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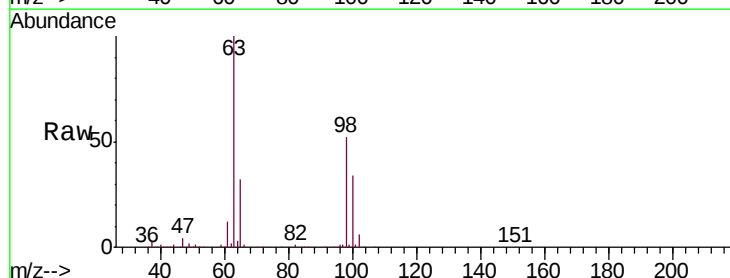
Tgt Ion: 96 Resp: 3529

Ion Ratio Lower Upper

96 100

61 1342.2 135.0 250.6#

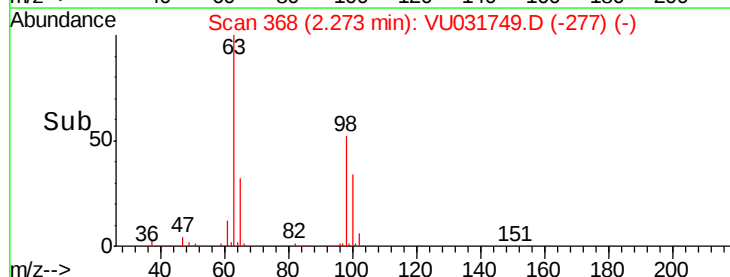
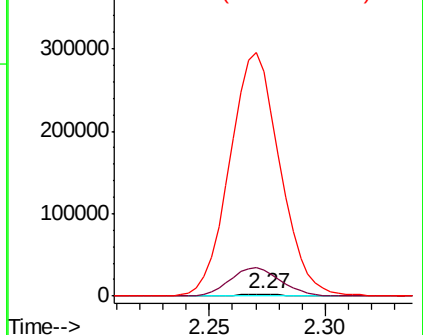
63 11313.2 103.5 192.3#

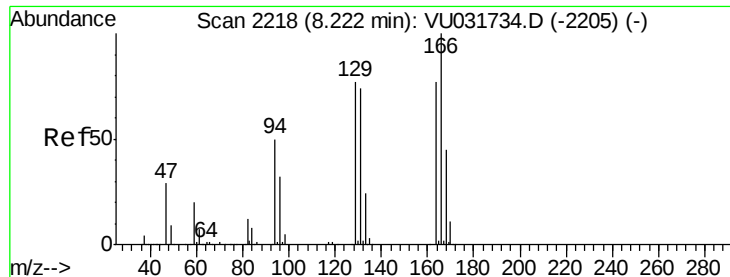


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#46

Tetrachloroethene

Concen: 1.418 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

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VIBLK40

Tgt Ion:164 Resp: 6390

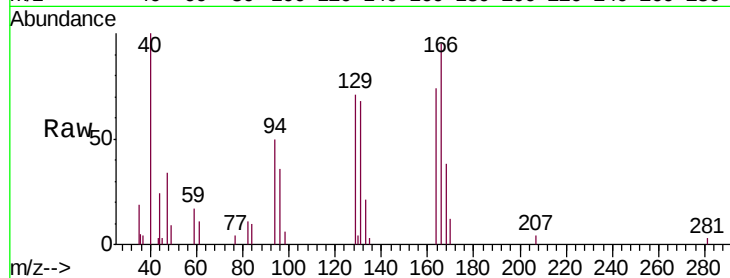
Ion Ratio Lower Upper

164 100

129 95.9 71.5 132.9

131 92.6 69.0 128.2

166 128.5 93.7 173.9

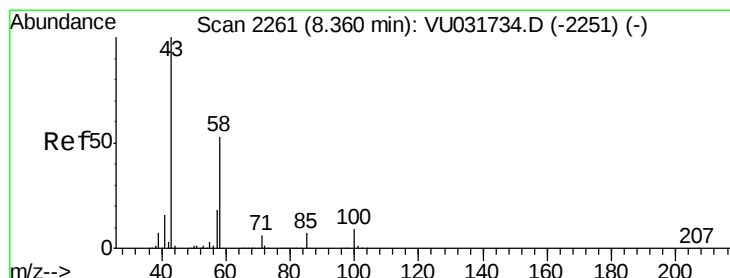
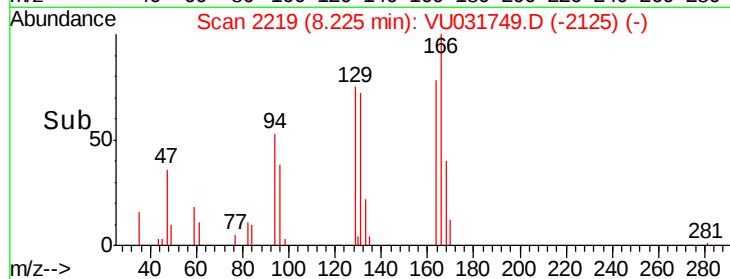
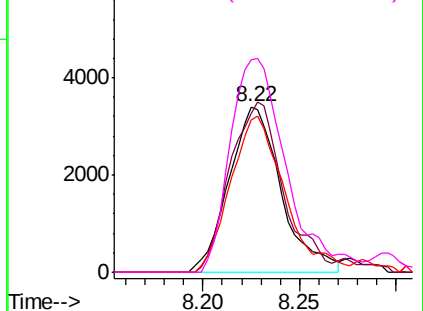


Abundance Ion 164.00 (163.70 to 164.70): V

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: 1.813 ug/L

RT: 8.37 min Scan# 2263

Delta R.T. 0.01 min

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Tgt Ion: 43 Resp: 17460

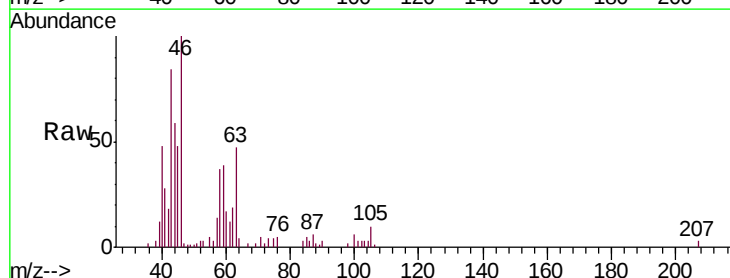
Ion Ratio Lower Upper

43 100

58 13.2 42.1 63.1#

57 2.5 14.6 22.0#

100 3.5 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

