

Data File : VU030073.D
Acq On : 14 Mar 2019 14:47
Operator : JC/SP
Sample : K1885-20
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

Quant Time: Mar 15 01:26:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 15 01:21:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	438871	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	437396	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	211264	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	129557	44.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.26%
7) Chloroethane-d5	1.68	69	115471	49.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.56%
11) 1,1-Dichloroethene-d2	2.27	63	188655	36.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.00%
21) 2-Butanone-d5	4.17	46	241967	111.25	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.25%
24) Chloroform-d	4.65	84	273051	52.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.88%
26) 1,2-Dichloroethane-d4	5.31	65	167549	55.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.40%
32) Benzene-d6	5.34	84	582257	51.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.42%
36) 1,2-Dichloropropane-d6	6.33	67	185423	53.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.62%
41) Toluene-d8	7.56	98	536800	50.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.82%
43) trans-1,3-Dichloropropene-	7.85	79	84599	50.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.36%
47) 2-Hexanone-d5	8.31	63	207646	107.69	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.69%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	279619	52.81	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.62%
64) 1,2-Dichlorobenzene-d4	11.86	152	224362	54.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.64%

Target Compounds

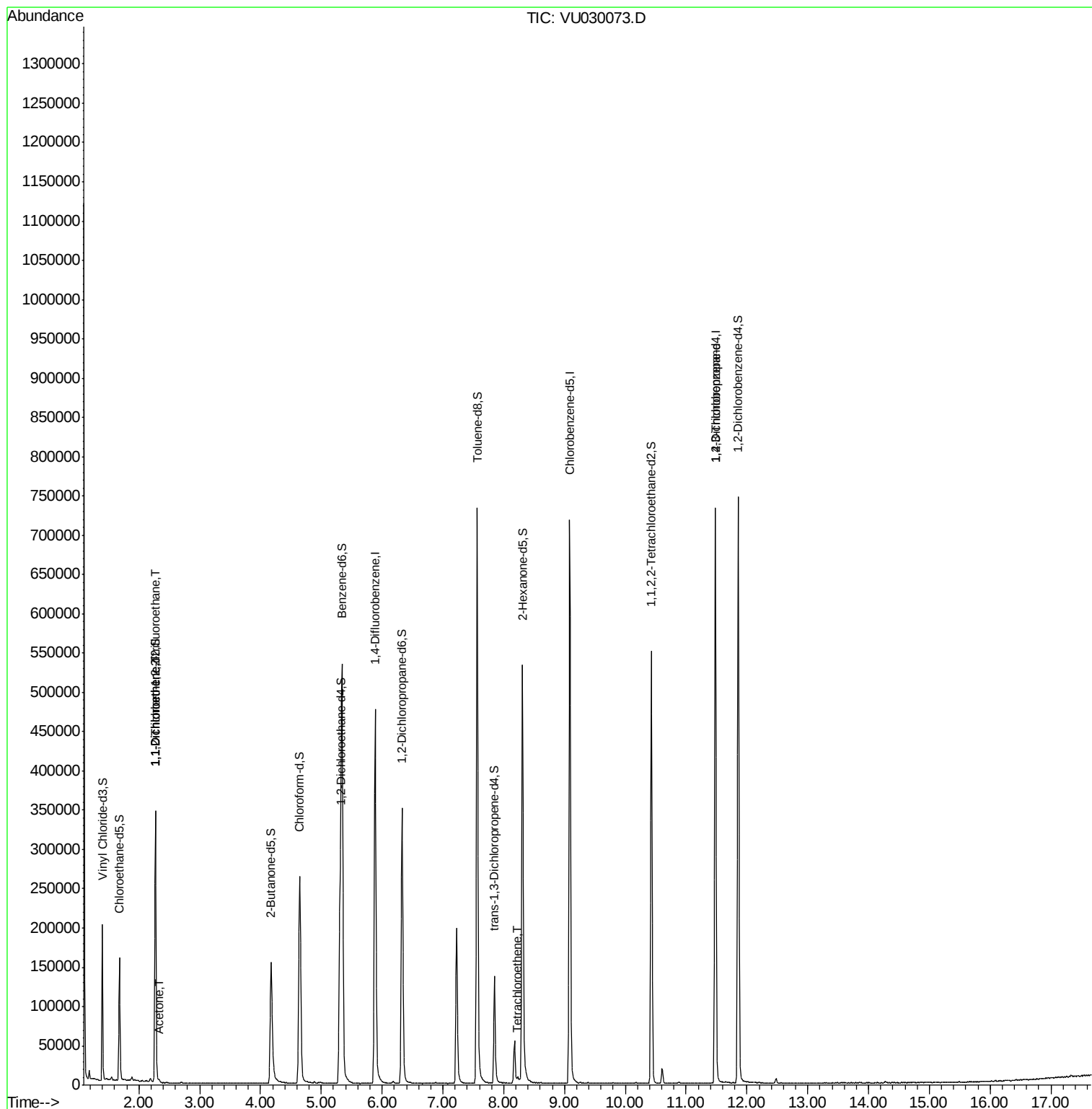
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2034	0.705 ug/L #	23
12) 1,1-Dichloroethene	2.27	96	1862	0.677 ug/L #	1
13) Acetone	2.32	43	1224	0.481 ug/L	83
46) Tetrachloroethene	8.23	164	1215	0.423 ug/L	90
59) 1,2,3-Trichloropropane	11.48	75	20834	4.859 ug/L	92

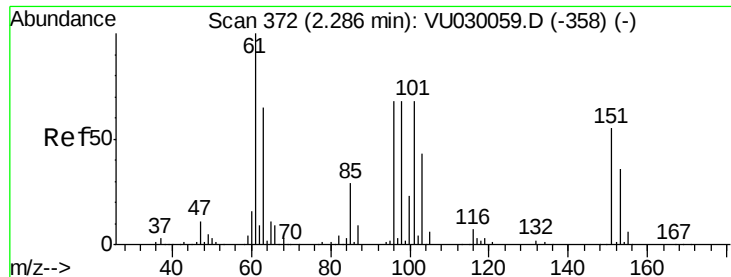
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.705 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

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MSVOA_U

ClientSampleId :

VHBLK02

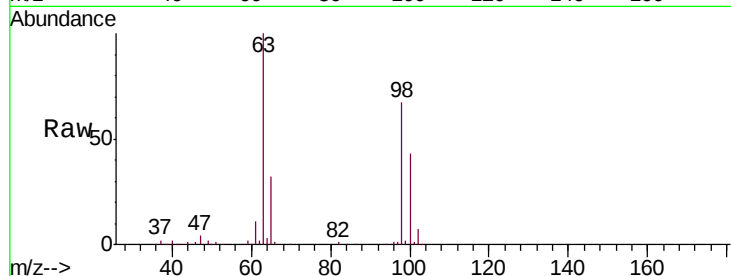
Tgt Ion: 101 Resp: 2034

Ion Ratio Lower Upper

101 100

85 3.5 33.0 49.4#

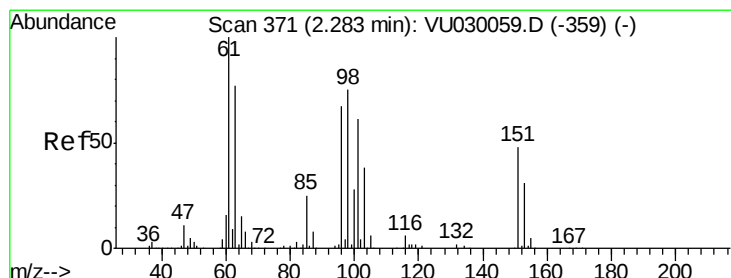
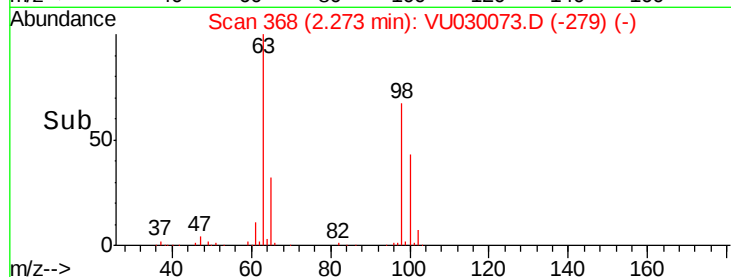
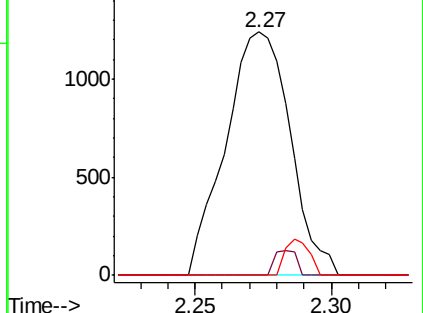
151 5.7 66.1 99.1#



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: 0.677 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU030073.D

Acq: 14 Mar 2019 14:47

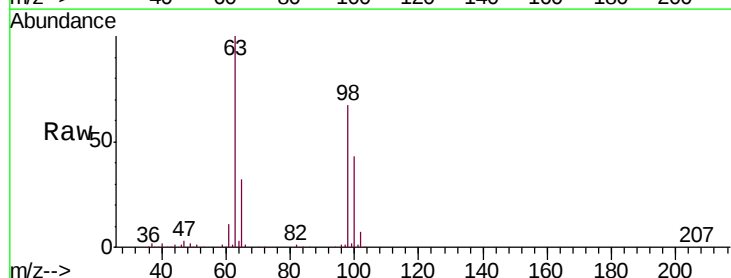
Tgt Ion: 96 Resp: 1862

Ion Ratio Lower Upper

96 100

61 967.1 110.4 205.0#

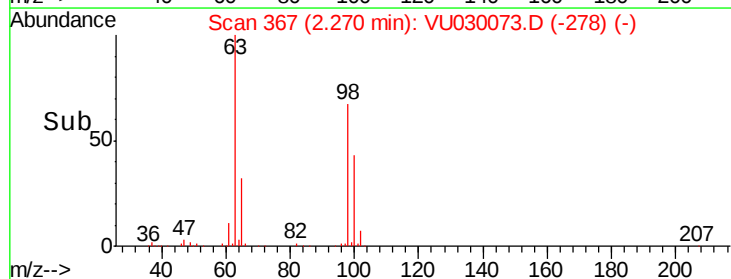
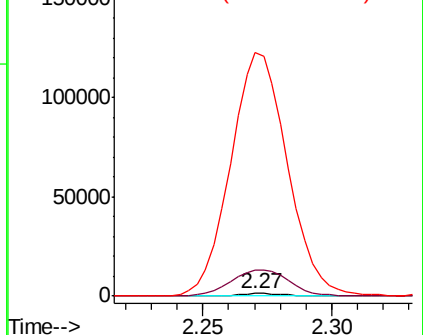
63 9141.6 86.5 160.7#

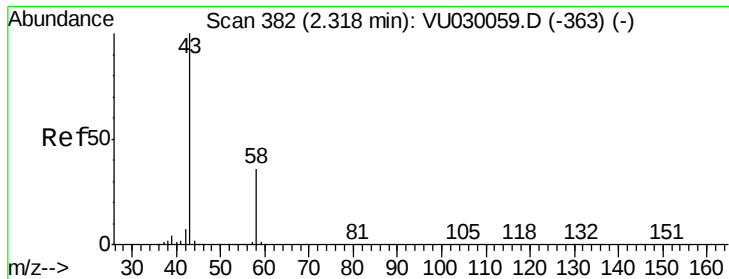


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.481 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

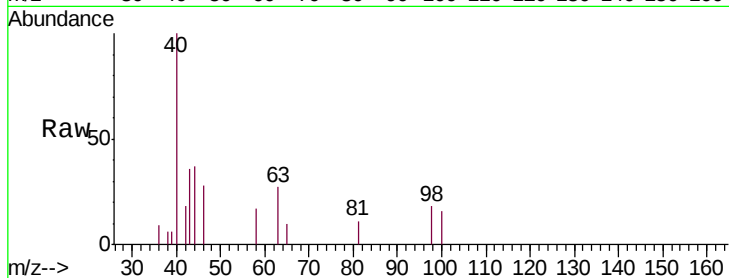
VHBLK02

Tgt Ion: 43 Resp: 1224

Ion Ratio Lower Upper

43 100

58 26.2 0.0 73.0



Abundance Ion 43.00 (42.70 to 43.70): VU030059.D (-363) (-)

Ion 58.00 (57.70 to 58.70): VU030059.D (-363) (-)

2.32

600

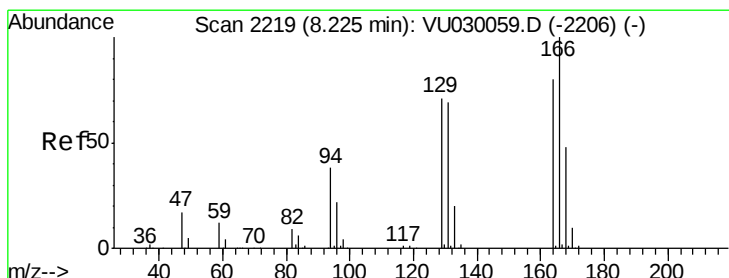
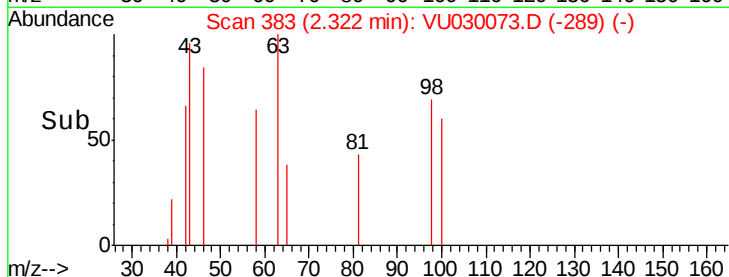
400

200

0

2.30 2.35

Time-->



#46

Tetrachloroethene

Concen: 0.423 ug/L

RT: 8.23 min Scan# 2221

Delta R.T. 0.01 min

Lab File: VU030073.D

Acq: 14 Mar 2019 14:47

Tgt Ion: 164 Resp: 1215

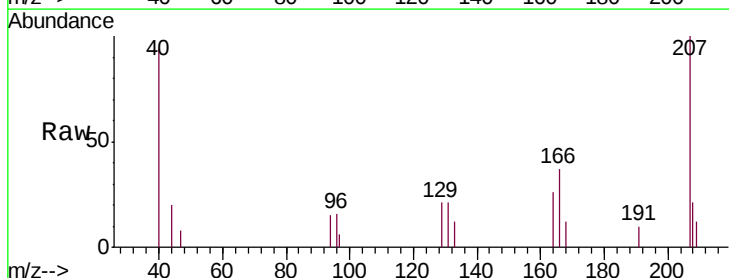
Ion Ratio Lower Upper

164 100

129 79.8 63.3 117.7

131 79.3 62.0 115.2

166 139.3 90.5 168.1



Abundance Ion 164.00 (163.70 to 164.70): VU030059.D (-2206) (-)

Ion 129.00 (128.70 to 129.70): VU030059.D (-2206) (-)

Ion 131.00 (130.70 to 131.70): VU030059.D (-2206) (-)

Ion 166.00 (165.70 to 166.70): VU030059.D (-2206) (-)

8.23

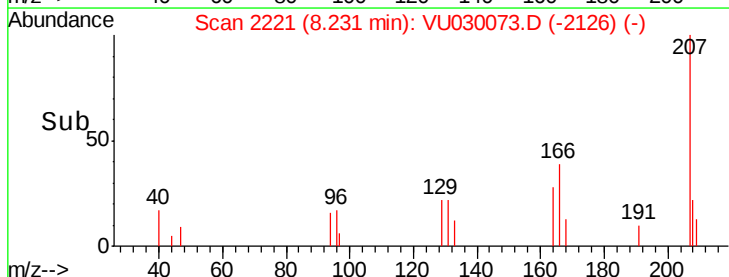
1000

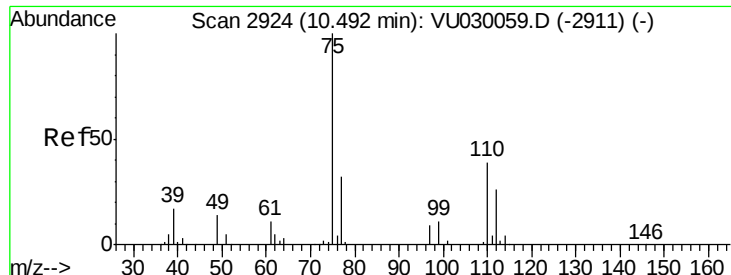
500

0

8.18 8.20 8.22 8.24 8.26

Time-->





#59

1,2,3-Trichloropropane

Concen: 4.859 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU030073.D

Acq: 14 Mar 2019 14:47

Instrument :

MSVOA_U

ClientSampleId :

VHBLK02

Tgt Ion: 75 Resp: 20834

Ion Ratio Lower Upper

75 100

77 36.6 25.8 38.8

