

Data File : VU030072.D
Acq On : 14 Mar 2019 14:25
Operator : JC/SP
Sample : K1838-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

Quant Time: Mar 15 01:26:34 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	469663	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	451295	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	216837	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	135706	43.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.36%
7) Chloroethane-d5	1.68	69	119001	47.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.90%
11) 1,1-Dichloroethene-d2	2.27	63	197864	35.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.58%
21) 2-Butanone-d5	4.17	46	246446	105.88	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.88%
24) Chloroform-d	4.65	84	282418	50.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.36%
26) 1,2-Dichloroethane-d4	5.31	65	167854	52.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.28%
32) Benzene-d6	5.34	84	613008	52.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.54%
36) 1,2-Dichloropropane-d6	6.33	67	189277	53.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.48%
41) Toluene-d8	7.56	98	556844	51.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.38%
43) trans-1,3-Dichloropropene-	7.85	79	87964	51.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.16%
47) 2-Hexanone-d5	8.31	63	211480	106.30	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.30%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	282859	51.77	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.54%
64) 1,2-Dichlorobenzene-d4	11.86	152	227427	54.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.28%

Target Compounds

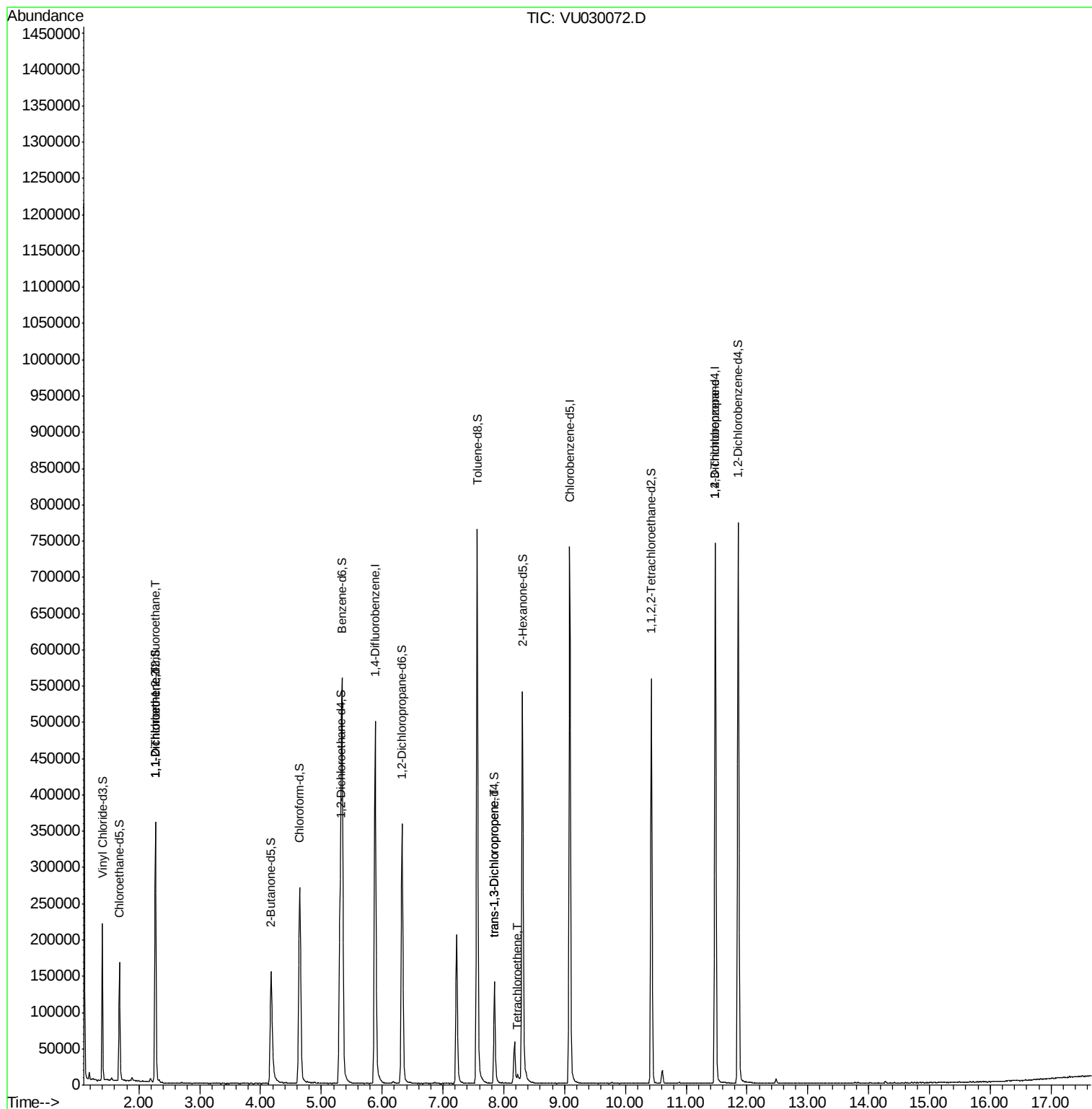
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1997	0.647 ug/L #	17
12) 1,1-Dichloroethene	2.27	96	1889	0.642 ug/L #	1
44) trans-1,3-Dichloropropene	7.85	75	3252	0.674 ug/L #	78
46) Tetrachloroethene	8.23	164	2099	0.709 ug/L	82
59) 1,2,3-Trichloropropane	11.48	75	21830	4.935 ug/L	91

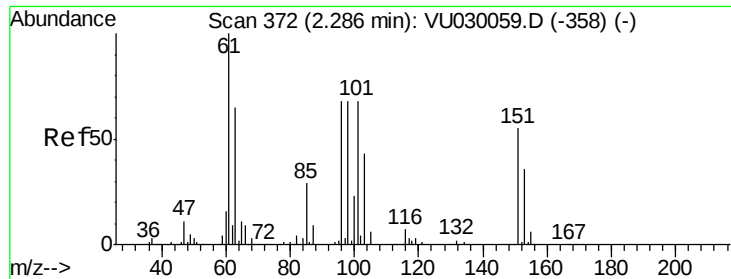
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.647 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.02 min

Lab File: VU030072.D

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ClientSampleId :

VHBLK02

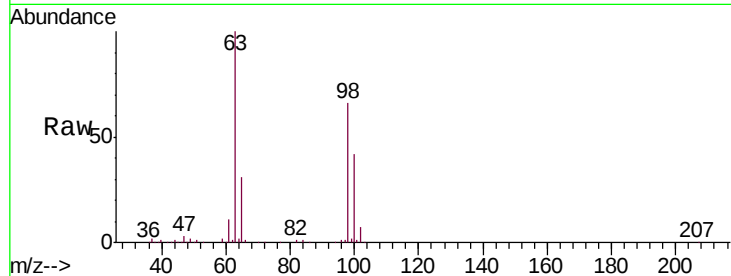
Tgt Ion: 101 Resp: 1997

Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.4#

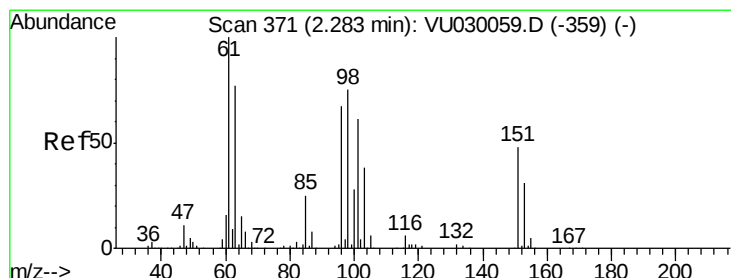
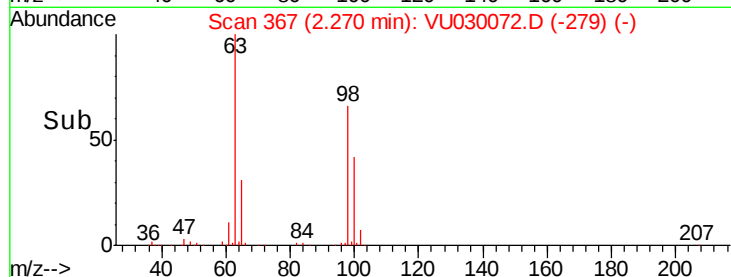
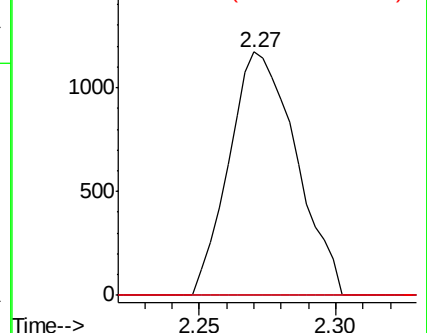
151 0.0 66.1 99.1#



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: 0.642 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU030072.D

Acq: 14 Mar 2019 14:25

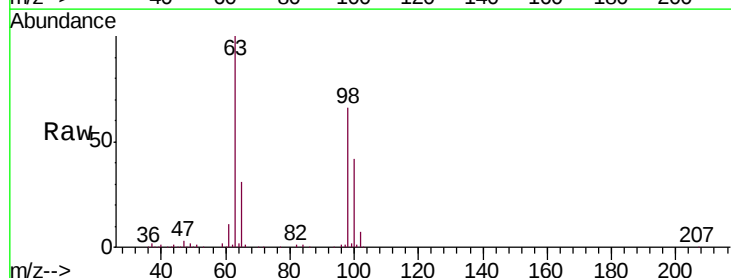
Tgt Ion: 96 Resp: 1889

Ion Ratio Lower Upper

96 100

61 1143.1 110.4 205.0#

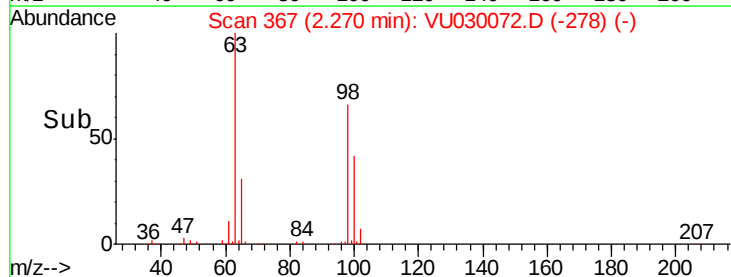
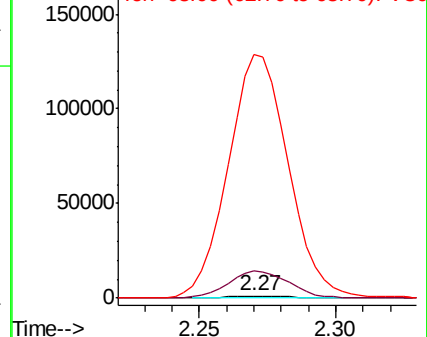
63 10433.1 86.5 160.7#

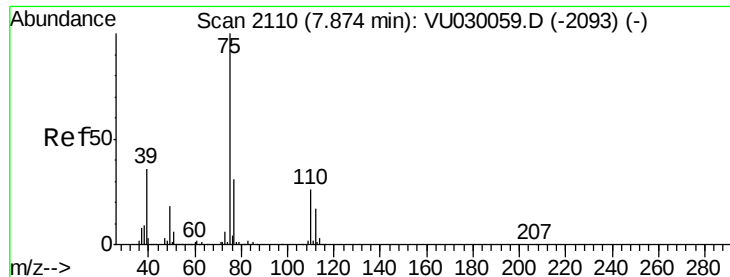


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#44

trans-1,3-Dichloropropene

Concen: 0.674 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU030072.D

Acq: 14 Mar 2019 14:25

Instrument :

MSVOA_U

ClientSampleId :

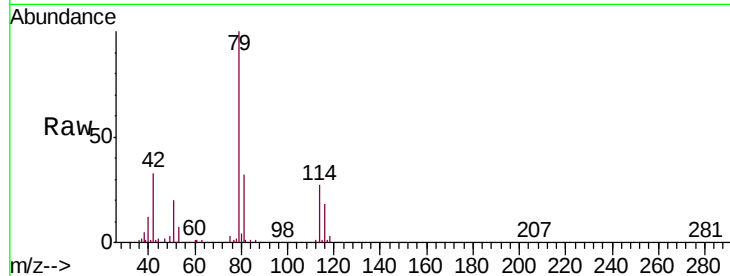
VHBLK02

Tgt Ion: 75 Resp: 3252

Ion Ratio Lower Upper

75 100

77 43.2 21.9 40.7#



Abundance Ion 75.00 (74.70 to 75.70): VU030059.D (-2093) (-)

Ion 77.00 (76.70 to 77.70): VU030059.D (-2093) (-)

7.85

1500

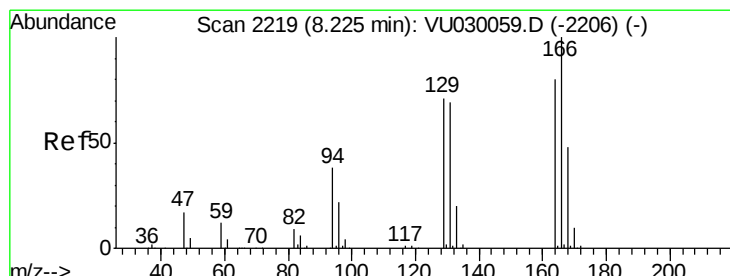
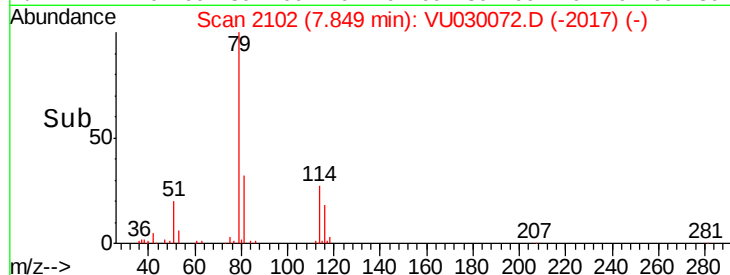
1000

500

0

7.80 7.85 7.90

Time-->



#46

Tetrachloroethene

Concen: 0.709 ug/L

RT: 8.23 min Scan# 2220

Delta R.T. 0.00 min

Lab File: VU030072.D

Acq: 14 Mar 2019 14:25

Tgt Ion: 164 Resp: 2099

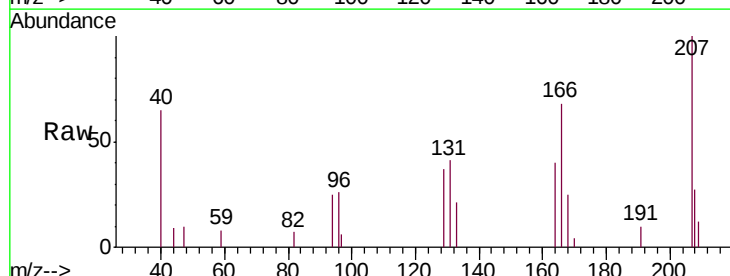
Ion Ratio Lower Upper

164 100

129 91.3 63.3 117.7

131 101.4 62.0 115.2

166 167.0 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) (-)

2500

2000

1500

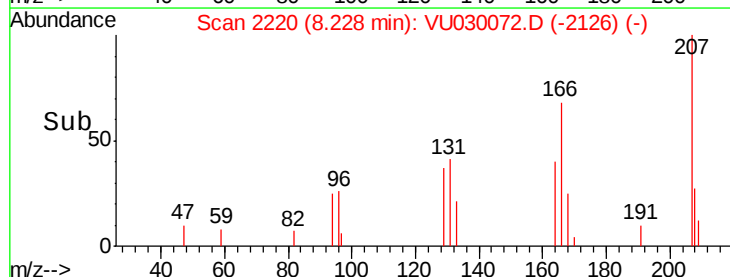
1000

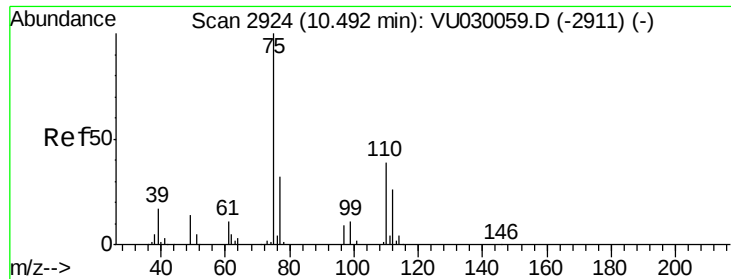
500

0

8.20 8.23 8.25

Time-->





#59

1,2,3-Trichloropropane

Concen: 4.935 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU030072.D

Acq: 14 Mar 2019 14:25

Instrument :

MSVOA_U

ClientSampleId :

VHBLK02

Tgt Ion: 75 Resp: 21830

Ion Ratio Lower Upper

75 100

77 37.6 25.8 38.8

