

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041719\
 Data File : VU031223.D
 Acq On : 16 Apr 2019 20:23
 Operator : JC/SP
 Sample : K2352-12
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK02

Quant Time: Apr 17 04:16:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 17 04:13:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	508692	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	482388	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	192586	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	245442	52.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.78%
7) Chloroethane-d5	1.68	69	202011	49.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.34%
11) 1,1-Dichloroethene-d2	2.27	63	337184	36.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.66%
21) 2-Butanone-d5	4.19	46	349453	102.42	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.42%
24) Chloroform-d	4.64	84	360487	46.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.24%
26) 1,2-Dichloroethane-d4	5.31	65	232777	48.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.72%
32) Benzene-d6	5.34	84	729242	47.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.64%
36) 1,2-Dichloropropane-d6	6.32	67	239840	48.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.92%
41) Toluene-d8	7.56	98	639912	47.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.38%
43) trans-1,3-Dichloropropene-	7.85	79	106555	45.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.08%
47) 2-Hexanone-d5	8.31	63	239813	102.64	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.64%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	330127	48.05	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.10%
64) 1,2-Dichlorobenzene-d4	11.86	152	217433	49.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.46%

Target Compounds

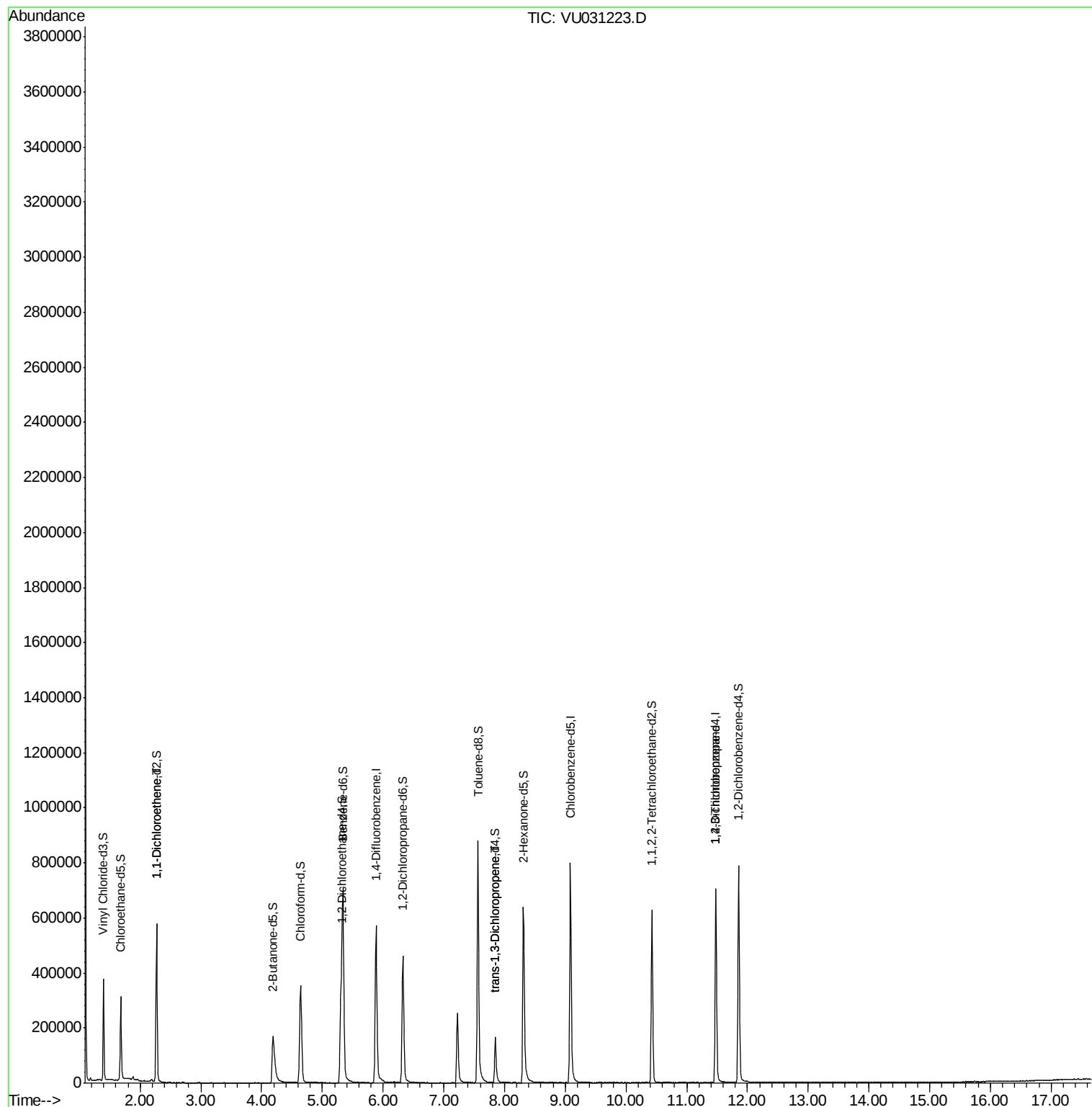
					Qvalue
12) 1,1-Dichloroethene	2.27	96	2346	0.590 ug/L #	1
44) trans-1,3-Dichloropropene	7.85	75	4168	0.746 ug/L	92
59) 1,2,3-Trichloropropane	11.48	75	22054	4.315 ug/L	92

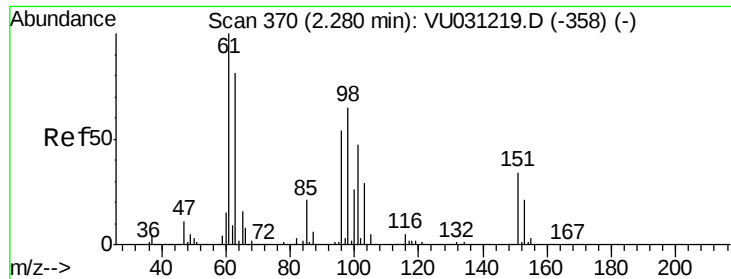
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.590 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031223.D

Acq: 16 Apr 2019 20:23

Instrument :

MSVOA_U

ClientSampleId :

VHBLK02

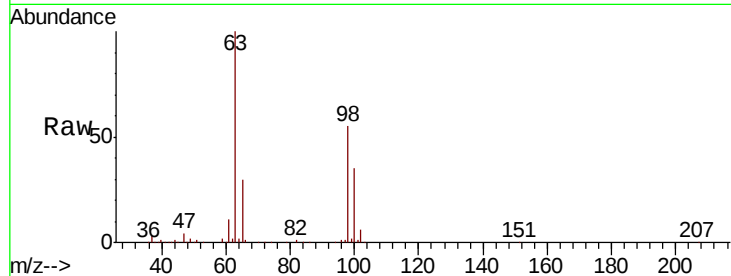
Tgt Ion: 96 Resp: 2346

Ion Ratio Lower Upper

96 100

61 1436.0 130.4 242.2#

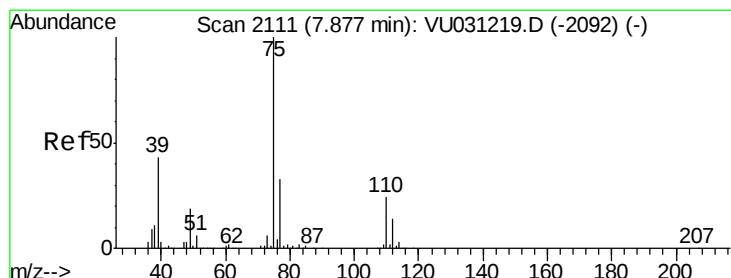
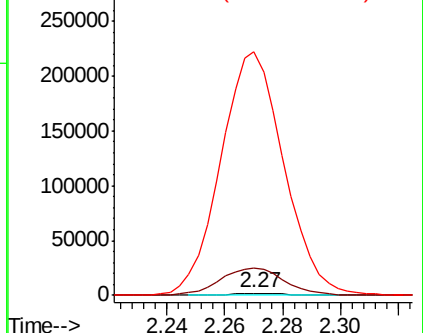
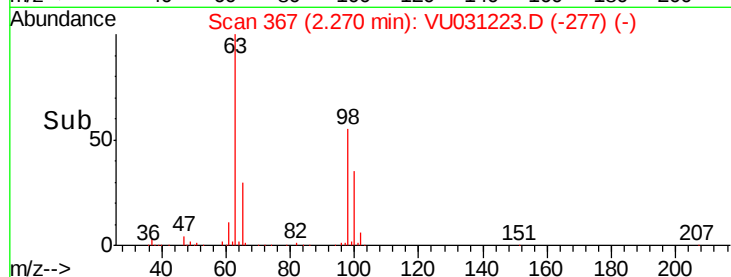
63 12900.3 108.9 202.3#



Abundance Ion 96.00 (95.70 to 96.70): VU031223.D (-277) (-)

Ion 61.00 (60.70 to 61.70): VU031223.D (-277) (-)

Ion 63.00 (62.70 to 63.70): VU031223.D (-277) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.746 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU031223.D

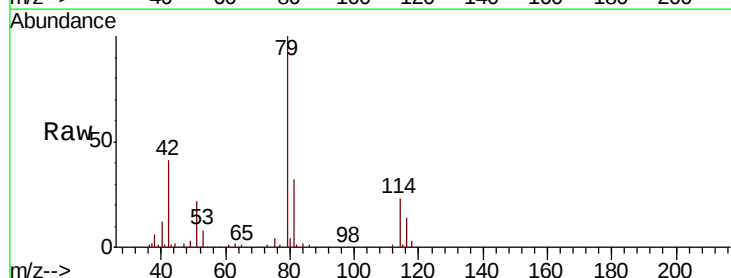
Acq: 16 Apr 2019 20:23

Tgt Ion: 75 Resp: 4168

Ion Ratio Lower Upper

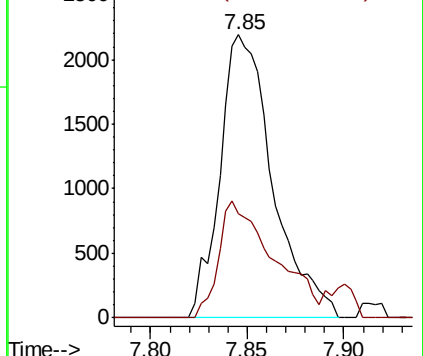
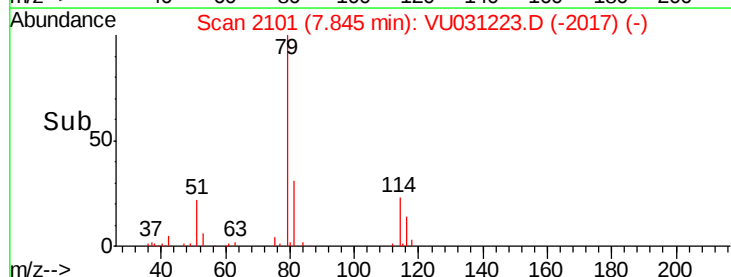
75 100

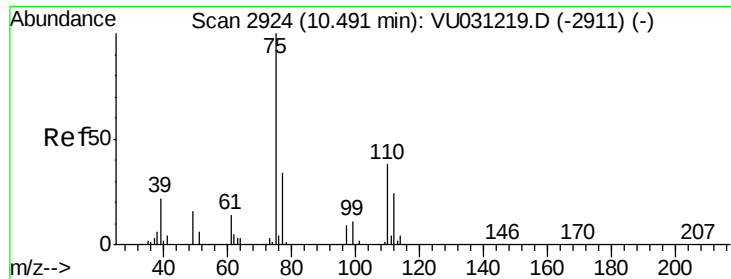
77 37.0 22.8 42.4



Abundance Ion 75.00 (74.70 to 75.70): VU031223.D (-2017) (-)

Ion 77.00 (76.70 to 77.70): VU031223.D (-2017) (-)





#59

1,2,3-Trichloropropane

Concen: 4.315 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

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Tgt Ion: 75 Resp: 22054

Ion Ratio Lower Upper

75 100

77 36.0 25.4 38.2

