

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041719\
 Data File : VU031224.D
 Acq On : 16 Apr 2019 20:46
 Operator : JC/SP
 Sample : K2341-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Apr 17 04:16:48 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	506869	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	478819	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	192731	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	202652	43.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.82%
7) Chloroethane-d5	1.68	69	168658	41.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.24%
11) 1,1-Dichloroethene-d2	2.27	63	298123	32.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.48%
21) 2-Butanone-d5	4.19	46	345579	101.65	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.65%
24) Chloroform-d	4.64	84	312281	40.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.18%
26) 1,2-Dichloroethane-d4	5.31	65	221167	46.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.22%
32) Benzene-d6	5.34	84	673980	44.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.06%
36) 1,2-Dichloropropane-d6	6.33	67	223518	45.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.00%
41) Toluene-d8	7.56	98	588791	44.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.40%
43) trans-1,3-Dichloropropene-	7.85	79	95252	40.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.12%
47) 2-Hexanone-d5	8.31	63	216787	93.48	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.48%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	305064	44.73	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.46%
64) 1,2-Dichlorobenzene-d4	11.86	152	199203	45.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.14%

Target Compounds

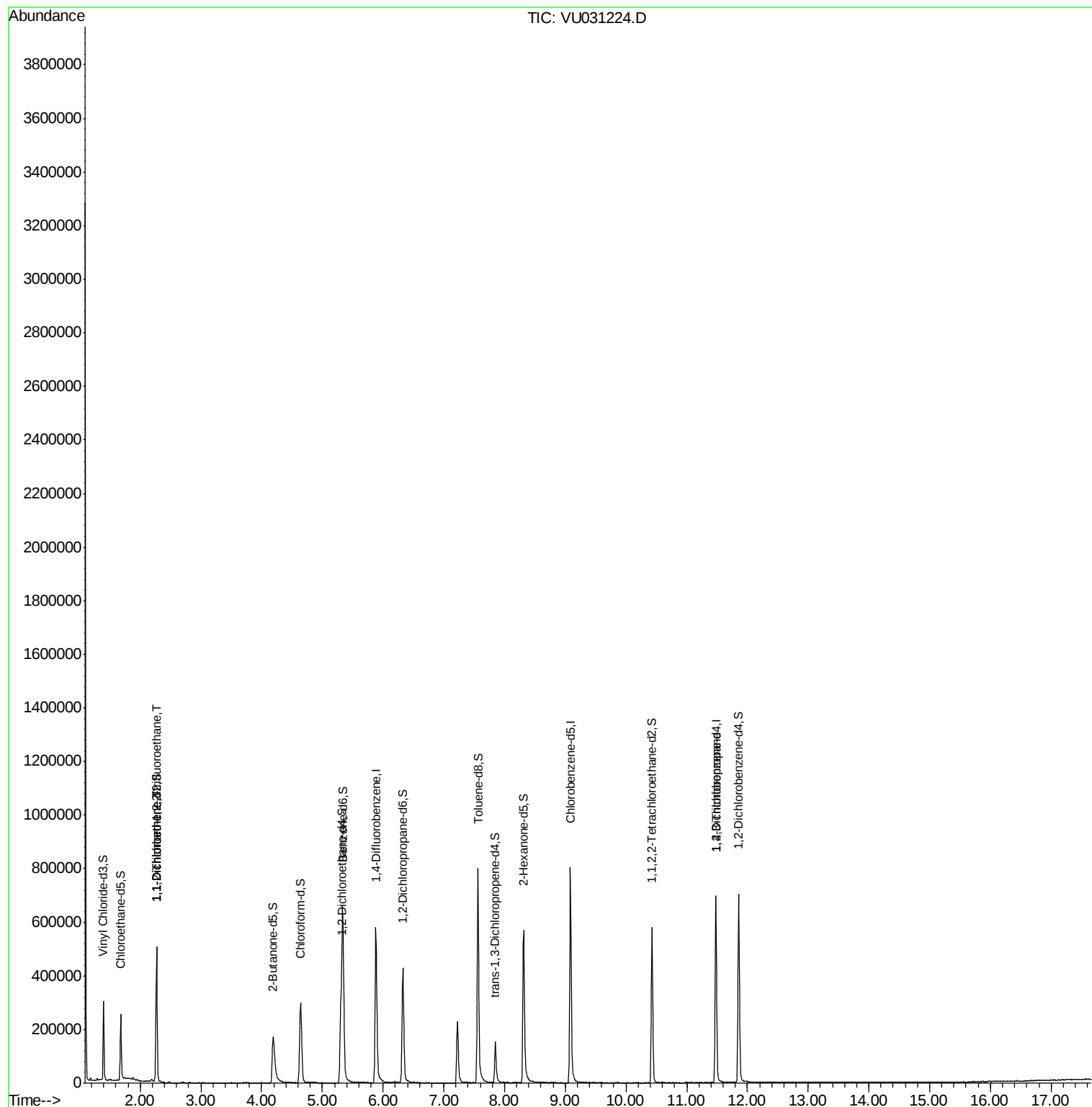
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2604	0.645 ug/L #	19
12) 1,1-Dichloroethene	2.27	96	2314	0.584 ug/L #	1
59) 1,2,3-Trichloropropane	11.48	75	23596	4.652 ug/L	99

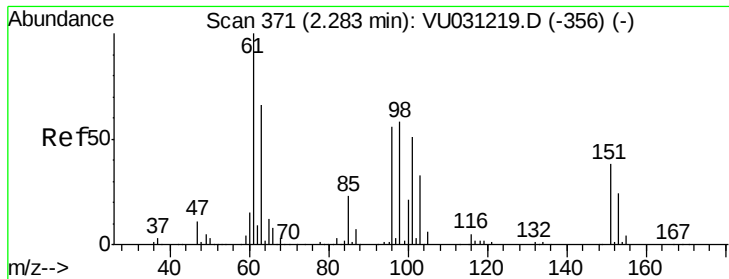
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.645 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

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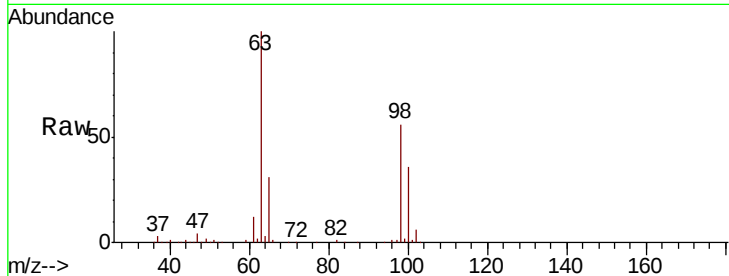
Tgt Ion: 101 Resp: 2604

Ion Ratio Lower Upper

101 100

85 0.0 35.4 53.0#

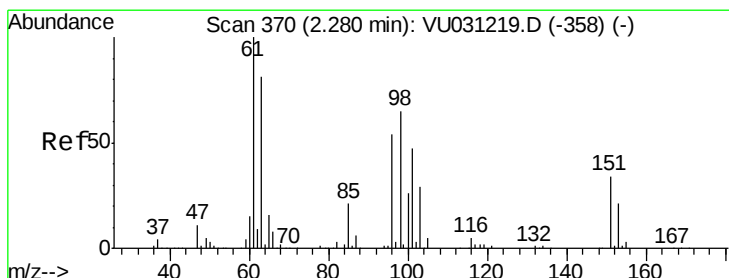
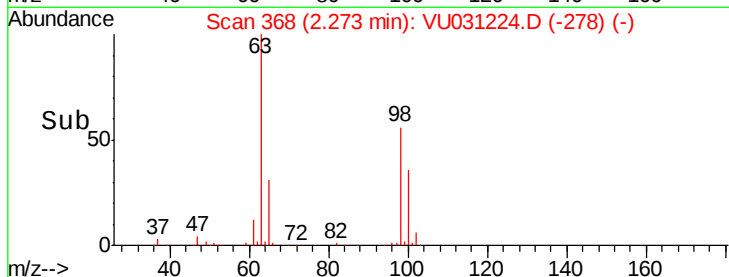
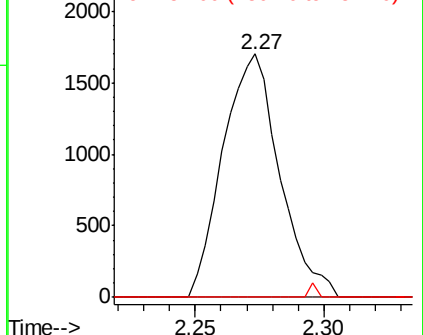
151 0.0 59.8 89.8#



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: 0.584 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

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Acq: 16 Apr 2019 20:46

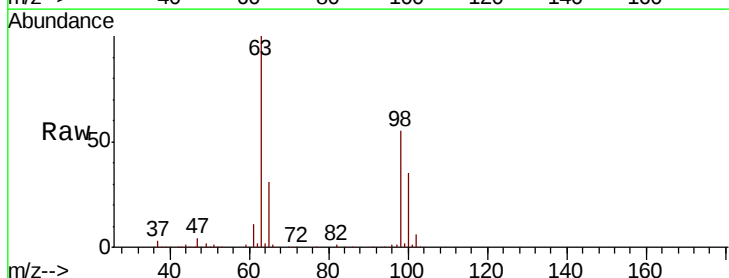
Tgt Ion: 96 Resp: 2314

Ion Ratio Lower Upper

96 100

61 1491.5 130.4 242.2#

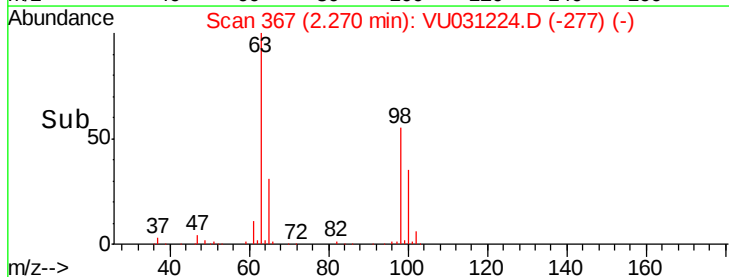
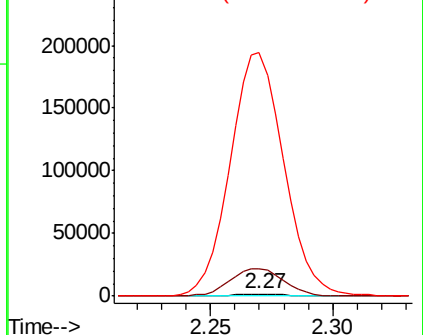
63 13173.2 108.9 202.3#

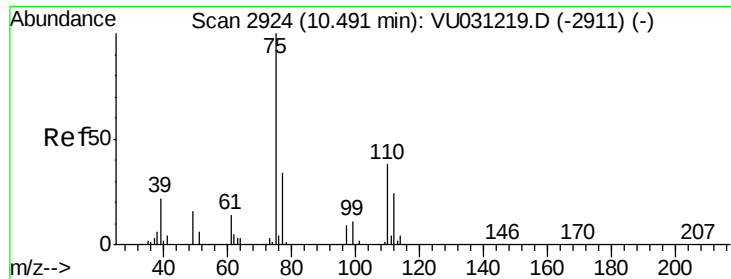


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#59

1,2,3-Trichloropropane

Concen: 4.652 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

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VHBLK01

Tgt Ion: 75 Resp: 23596

Ion Ratio Lower Upper

75 100

77 32.3 25.4 38.2

