

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041719\
 Data File : VU031252.D
 Acq On : 17 Apr 2019 12:10
 Operator : JC/SP
 Sample : K2428-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Apr 18 04:53:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 18 04:50:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	474771	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	464880	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	181482	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	232427	53.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	106.32%
7) Chloroethane-d5	1.68	69	196803	51.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.68%
11) 1,1-Dichloroethene-d2	2.27	63	329303	38.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.04%
21) 2-Butanone-d5	4.19	46	358891	112.70	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.70%
24) Chloroform-d	4.64	84	372795	51.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.20%
26) 1,2-Dichloroethane-d4	5.31	65	224484	49.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.94%
32) Benzene-d6	5.34	84	687475	46.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.56%
36) 1,2-Dichloropropane-d6	6.33	67	234267	49.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.24%
41) Toluene-d8	7.56	98	610793	47.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.46%
43) trans-1,3-Dichloropropene-	7.85	79	102617	45.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.02%
47) 2-Hexanone-d5	8.31	63	228808	101.62	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.62%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	320070	48.34	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.68%
64) 1,2-Dichlorobenzene-d4	11.86	152	212753	51.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.24%

Target Compounds

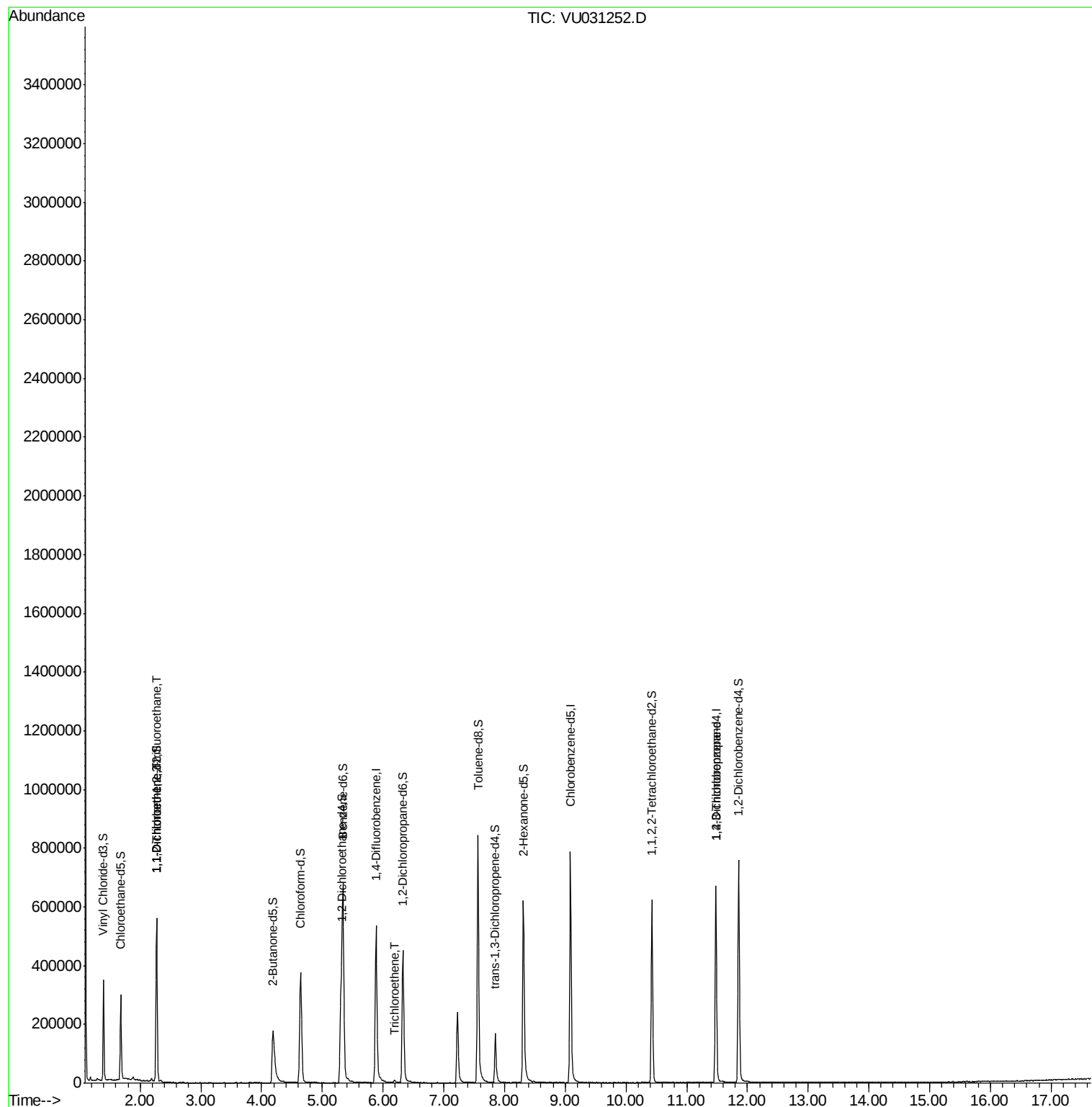
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2707	0.716 ug/L #	19
12) 1,1-Dichloroethene	2.27	96	2588	0.697 ug/L #	1
34) Trichloroethene	6.18	95	2284	0.584 ug/L	84
59) 1,2,3-Trichloropropane	11.48	75	20037	4.068 ug/L	91

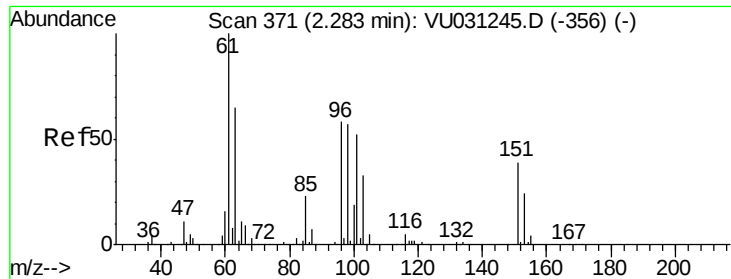
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.716 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

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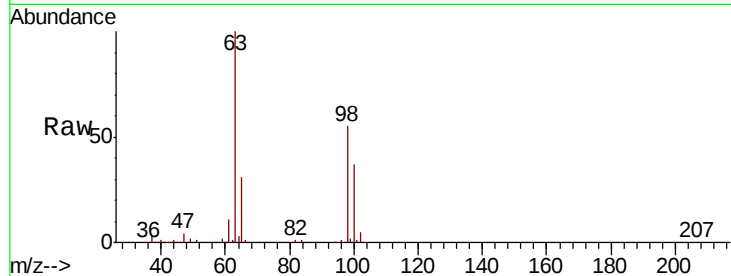
Tgt Ion:101 Resp: 2707

Ion Ratio Lower Upper

101 100

85 0.0 35.4 53.0#

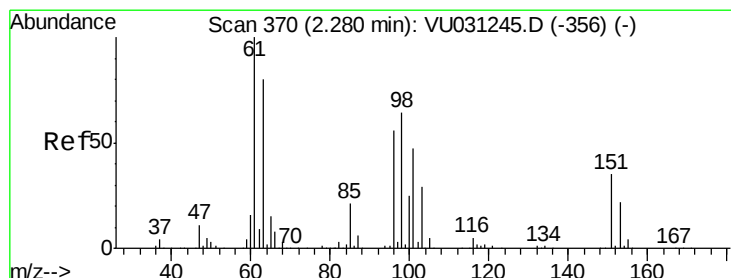
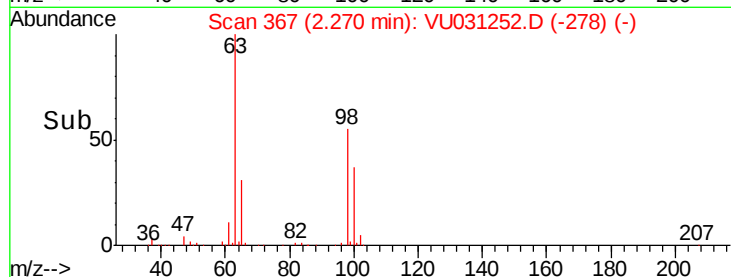
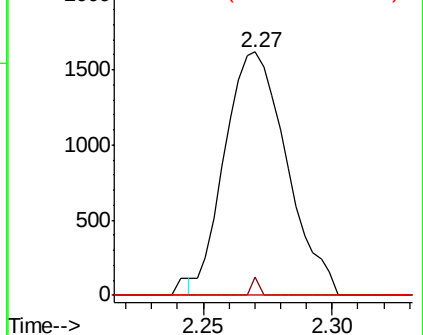
151 0.0 59.8 89.8#



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: 0.697 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU031252.D

Acq: 17 Apr 2019 12:10

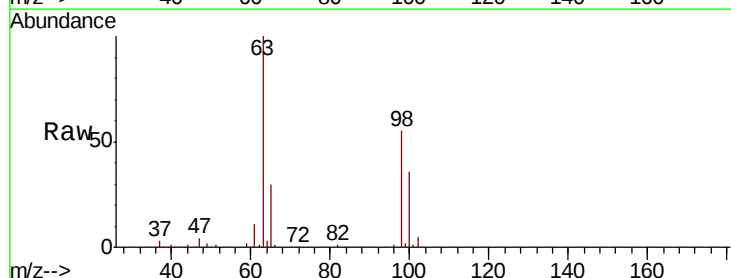
Tgt Ion: 96 Resp: 2588

Ion Ratio Lower Upper

96 100

61 1462.9 130.4 242.2#

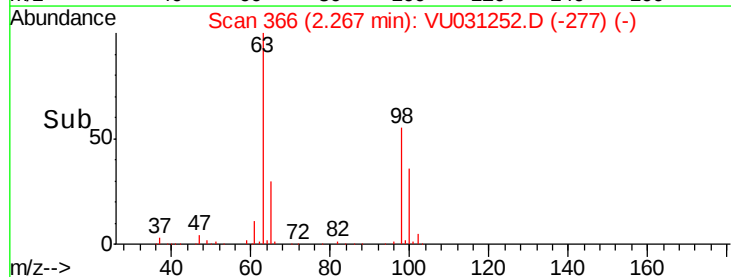
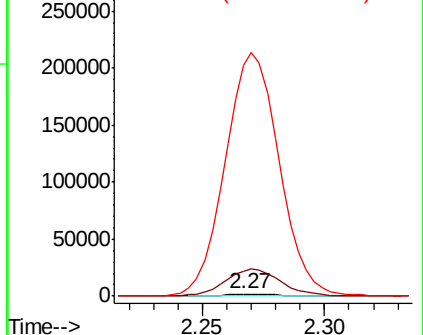
63 13371.8 108.9 202.3#

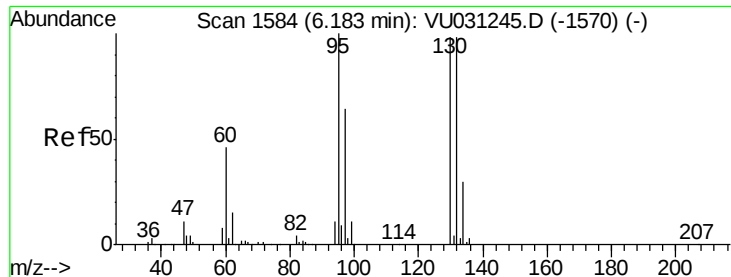


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

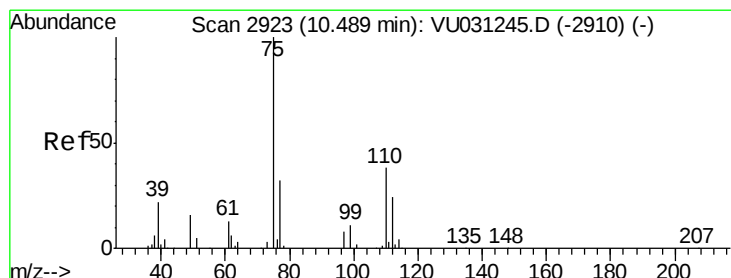
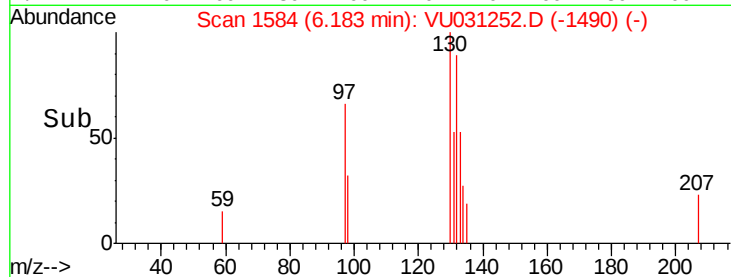
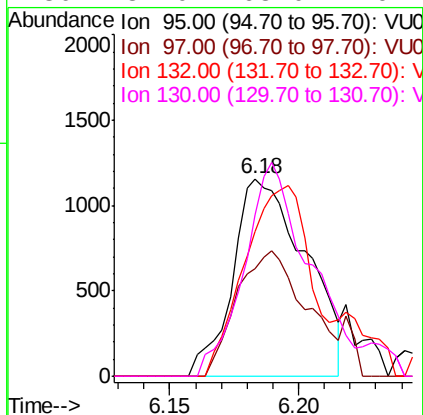
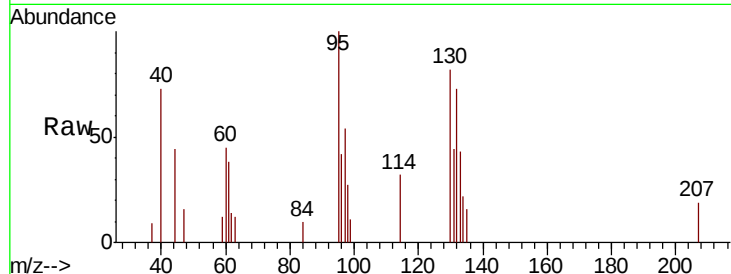




#34
 Trichloroethene
 Concen: 0.584 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
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Tgt Ion: 95 Resp: 2284
 Ion Ratio Lower Upper
 95 100
 97 54.2 43.6 81.0
 132 73.2 64.5 119.7
 130 82.0 68.0 126.2



#59
 1,2,3-Trichloropropane
 Concen: 4.068 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU031252.D
 Acq: 17 Apr 2019 12:10

Tgt Ion: 75 Resp: 20037
 Ion Ratio Lower Upper
 75 100
 77 37.0 25.4 38.2

