

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081219\
 Data File : VU033764.D
 Acq On : 12 Aug 2019 10:42
 Operator : JC/SP
 Sample : K4289-15
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 12 16:29:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 12 16:26:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	374229	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	376083	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	166948	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	151798	55.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	110.20%
7) Chloroethane-d5	1.67	69	127944	46.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.68%
11) 1,1-Dichloroethene-d2	2.26	63	213034	45.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.98%
21) 2-Butanone-d5	4.15	46	217004	127.07	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	127.07%
24) Chloroform-d	4.62	84	236363	57.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.50%
26) 1,2-Dichloroethane-d4	5.29	65	151203	59.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	118.16%
32) Benzene-d6	5.32	84	479275	54.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.00%
36) 1,2-Dichloropropane-d6	6.31	67	155907	57.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	114.48%
41) Toluene-d8	7.55	98	412694	49.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.88%
43) trans-1,3-Dichloropropene-	7.83	79	65836	47.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.74%
47) 2-Hexanone-d5	8.29	63	150121	106.41	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.41%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	223261	55.41	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.82%
64) 1,2-Dichlorobenzene-d4	11.84	152	158170	56.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.58%

Target Compounds

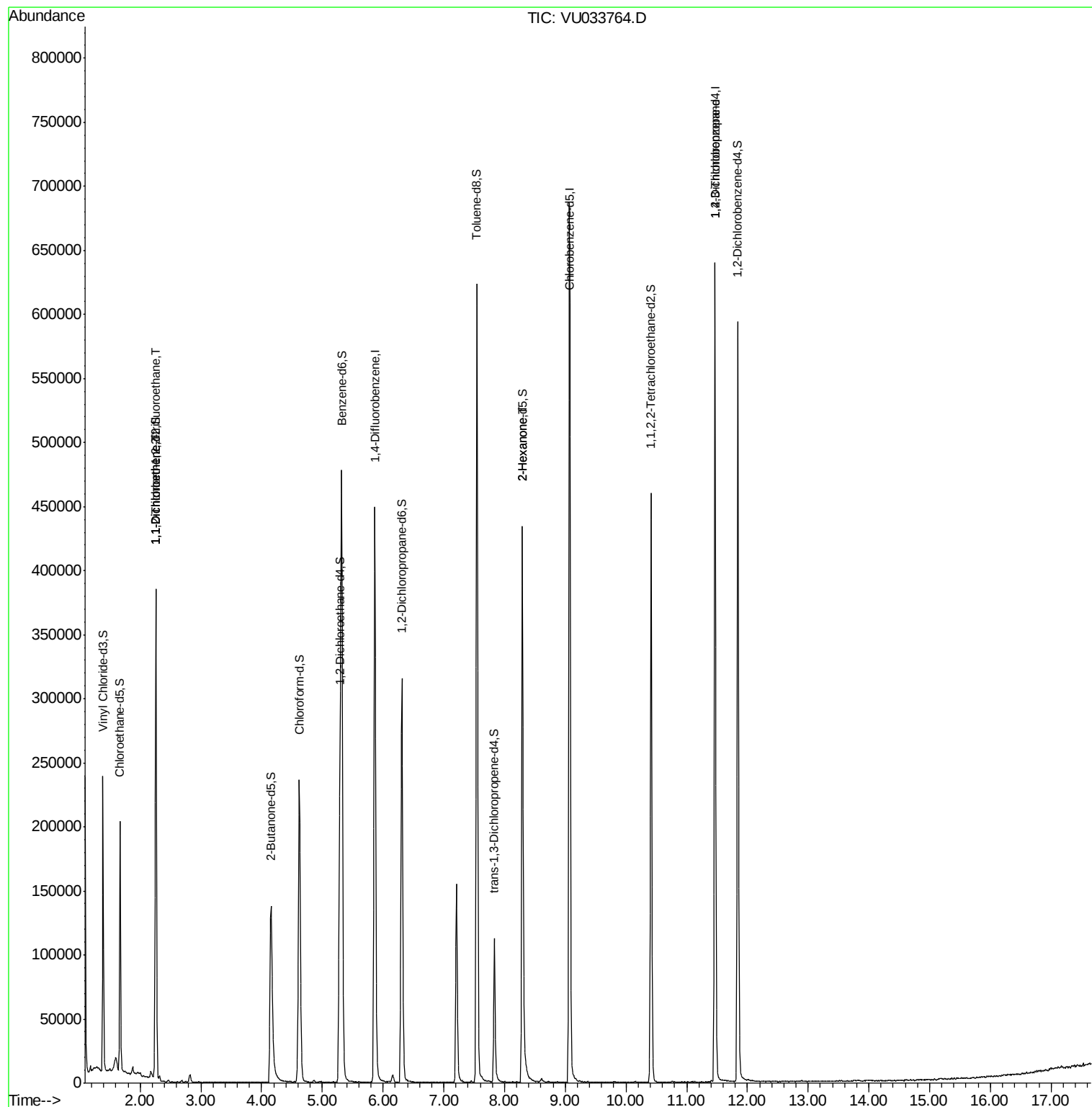
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	2046	0.913 ug/L #	18
12) 1,1-Dichloroethene	2.26	96	1940	0.882 ug/L #	1
48) 2-Hexanone	8.30	43	17949	5.488 ug/L #	67
59) 1,2,3-Trichloropropane	11.47	75	19184	5.080 ug/L	90

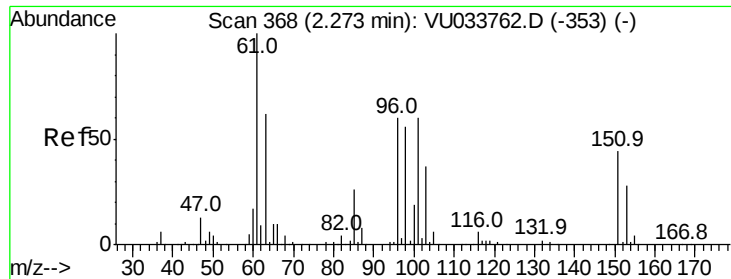
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.913 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.02 min

Lab File: VU033764.D

Acq: 12 Aug 2019 10:42

Instrument :

MSVOA_U

ClientSampleId :

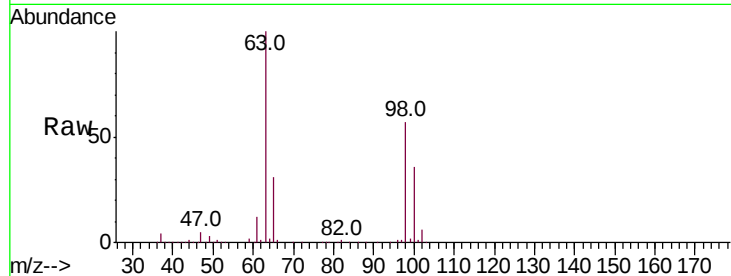
Tot Ion:101 Resp: 2046

Ion Ratio Lower Upper

101 100

85 0.0 34.5 51.7#

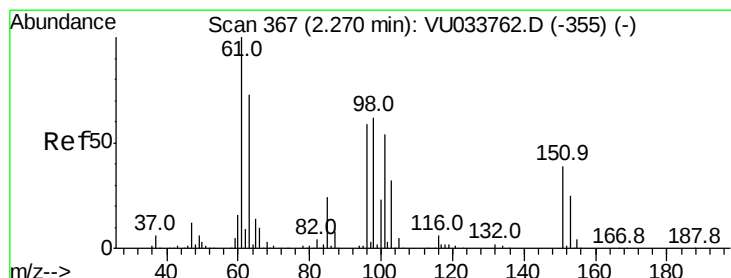
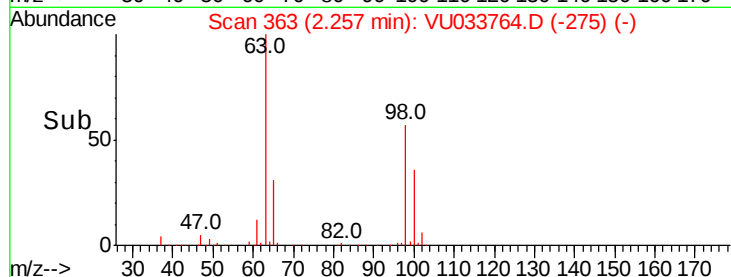
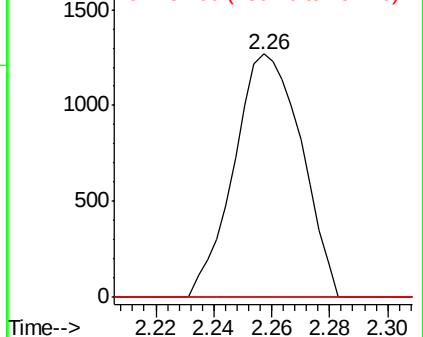
151 0.0 63.0 94.4#



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: 0.882 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.01 min

Lab File: VU033764.D

Acq: 12 Aug 2019 10:42

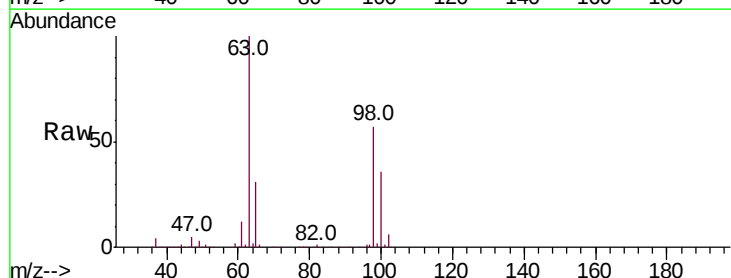
Tgt Ion: 96 Resp: 1940

Ion Ratio Lower Upper

96 100

61 1380.1 118.2 219.6#

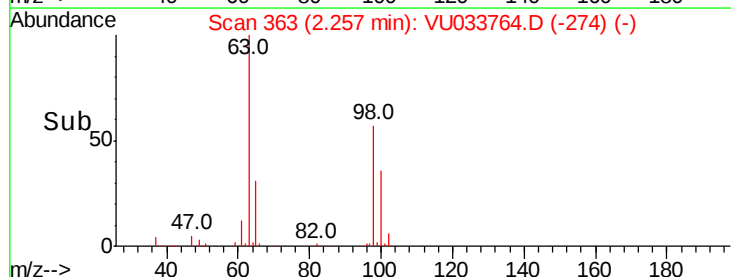
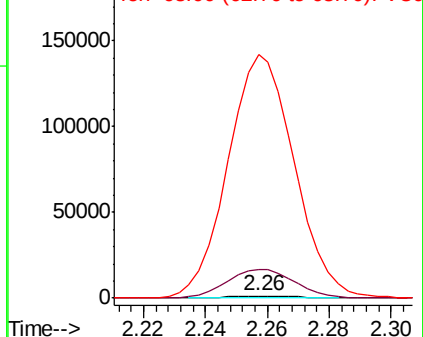
63 11583.7 90.7 168.5#

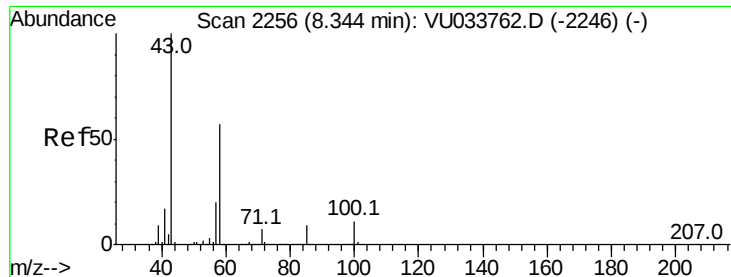


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

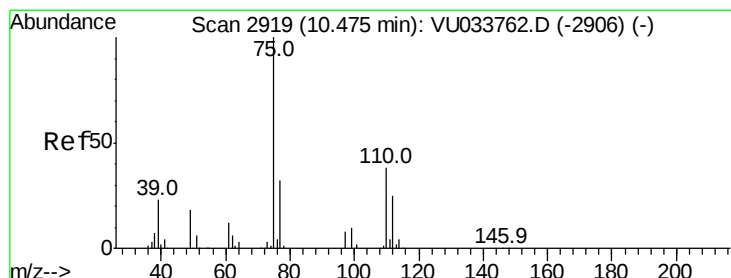
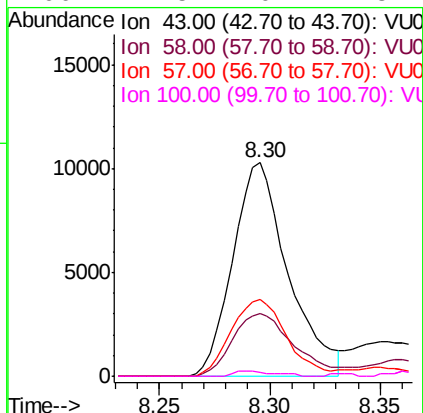
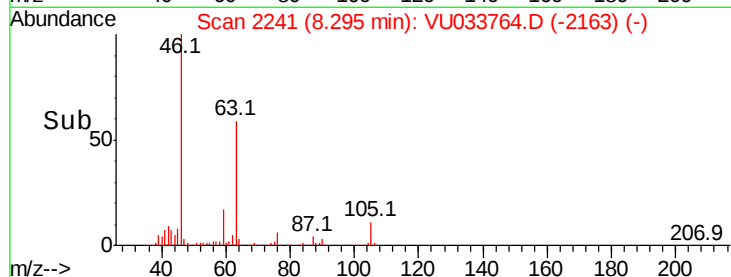
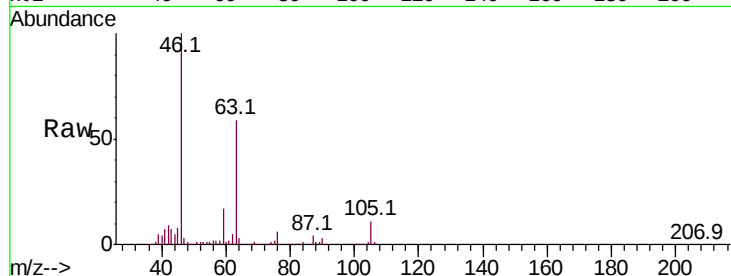




#48
 2-Hexanone
 Concen: 5.488 ug/L
 RT: 8.30 min Scan# 2241
 Delta R.T. -0.05 min
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Tot Ion: 43 Resp: 17949
 Ion Ratio Lower Upper
 43 100
 58 33.2 46.6 70.0#
 57 35.7 16.2 24.4#
 100 1.5 10.1 15.1#



#59
 1,2,3-Trichloropropane
 Concen: 5.080 ug/L
 RT: 11.47 min Scan# 3227
 Delta R.T. 0.99 min
 Lab File: VU033764.D
 Acq: 12 Aug 2019 10:42

Tgt Ion: 75 Resp: 19184
 Ion Ratio Lower Upper
 75 100
 77 38.6 26.4 39.6

