

Data File : VU033413.D
Acq On : 25 Jul 2019 16:50
Operator : JC/SP
Sample : VU0725WBL02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK58

Quant Time: Jul 26 05:52:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 26 05:48:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	280105	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	284088	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	127951	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	104950	49.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.00%
7) Chloroethane-d5	1.67	69	101999	56.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	112.62%
11) 1,1-Dichloroethene-d2	2.25	63	139239	36.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.40%
21) 2-Butanone-d5	4.15	46	150349	111.91	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.91%
24) Chloroform-d	4.62	84	194393	54.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.40%
26) 1,2-Dichloroethane-d4	5.28	65	128481	56.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.74%
32) Benzene-d6	5.32	84	378142	54.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.52%
36) 1,2-Dichloropropane-d6	6.31	67	121668	54.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.00%
41) Toluene-d8	7.55	98	339512	51.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.32%
43) trans-1,3-Dichloropropene-	7.83	79	54255	49.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.12%
47) 2-Hexanone-d5	8.30	63	106800	106.12	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.12%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	185013	54.76	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.52%
64) 1,2-Dichlorobenzene-d4	11.85	152	131105	57.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.92%

Target Compounds

					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1351	0.707	ug/L #	21
12) 1,1-Dichloroethene	2.25	96	1338	0.716	ug/L #	1
25) Chloroform	4.64	83	2353	0.596	ug/L	80
44) trans-1,3-Dichloropropene	7.83	75	2828	0.910	ug/L #	82

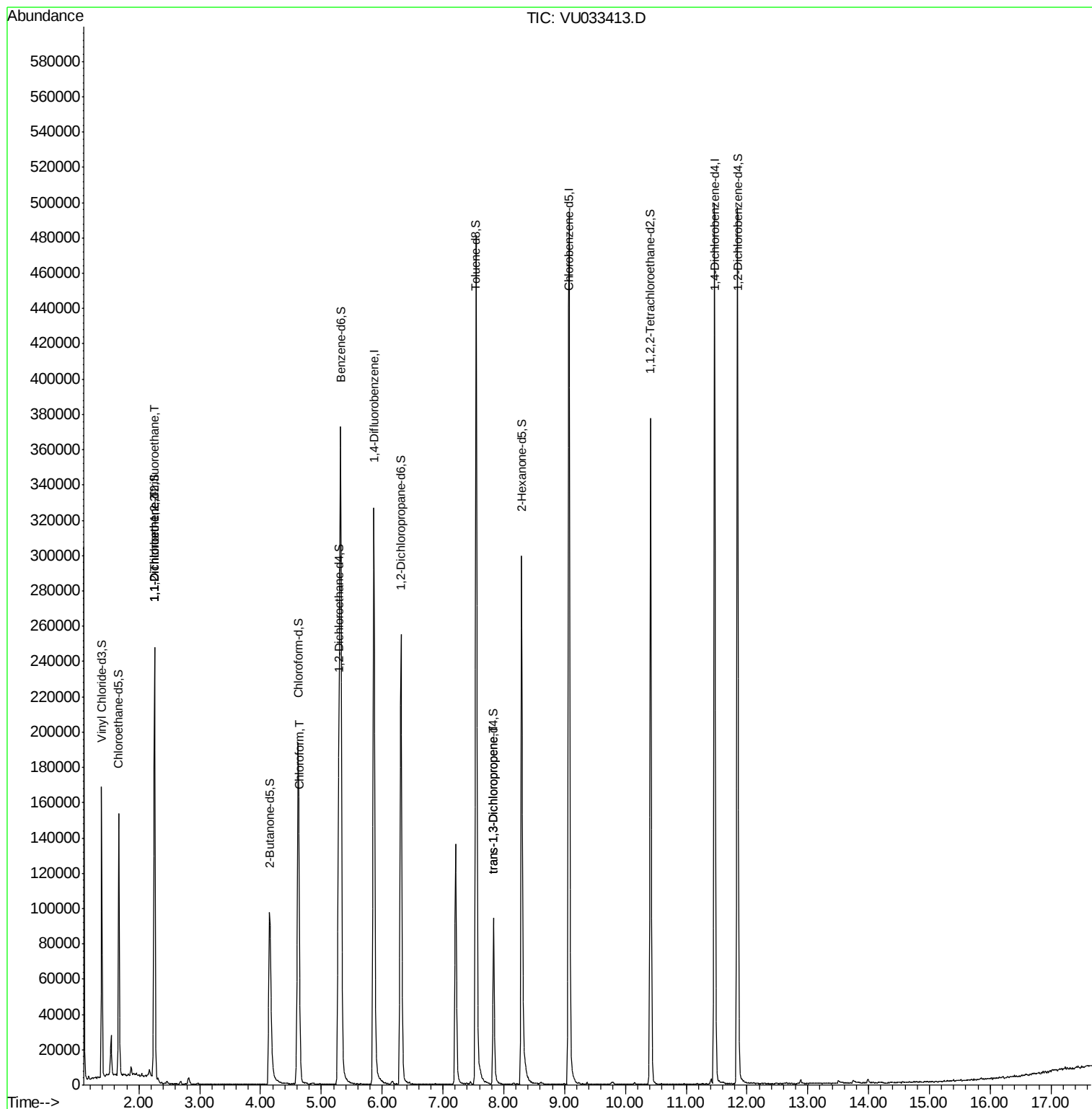
(#) = qualifier out of range (m) = manual integration (+) = signals summed

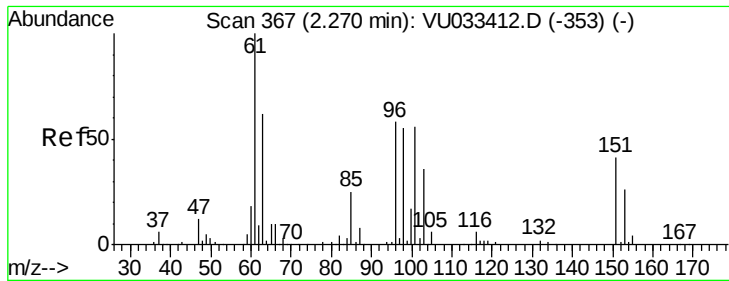
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#10

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

Concen: 0.707 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.01 min

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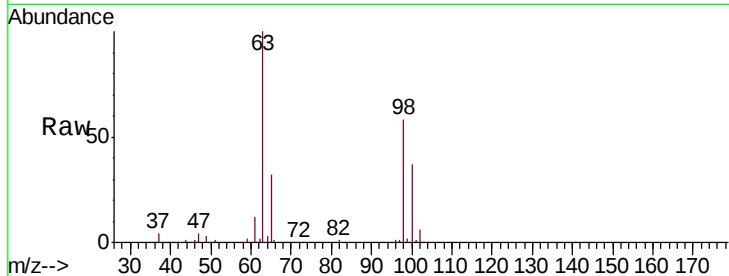
Tgt Ion: 101 Resp: 1351

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.8#

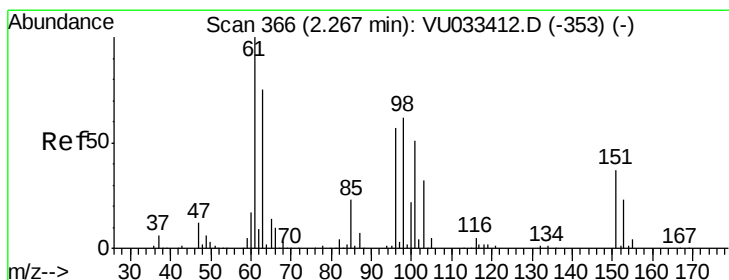
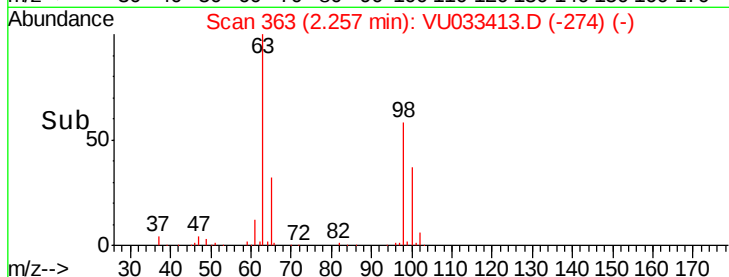
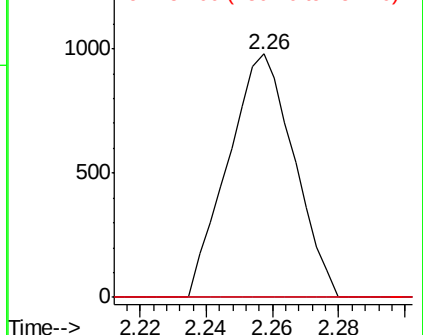
151 0.0 56.7 85.1#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VUC

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.716 ug/L

RT: 2.25 min Scan# 362

Delta R.T. -0.01 min

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Acq: 25 Jul 2019 16:50

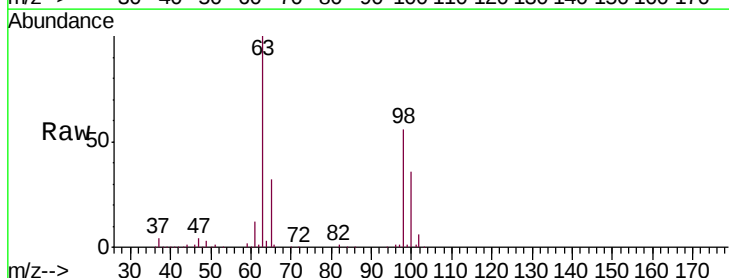
Tgt Ion: 96 Resp: 1338

Ion Ratio Lower Upper

96 100

61 1438.0 126.1 234.1#

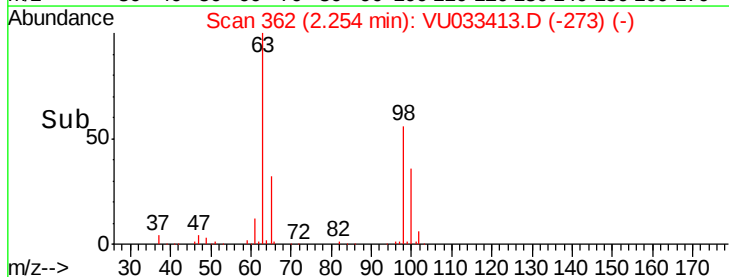
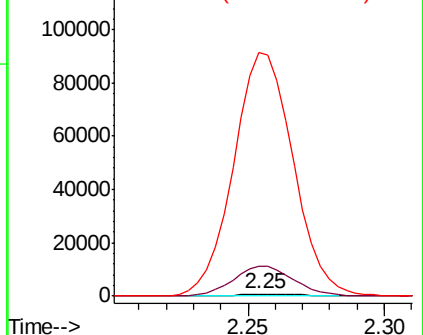
63 11705.0 96.8 179.8#

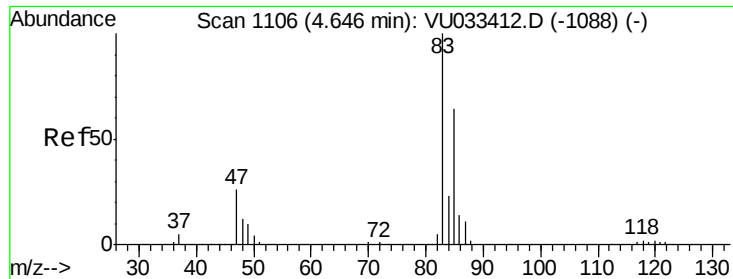


Abundance Ion 96.00 (95.70 to 96.70): VUC

Ion 61.00 (60.70 to 61.70): VUC

Ion 63.00 (62.70 to 63.70): VUC

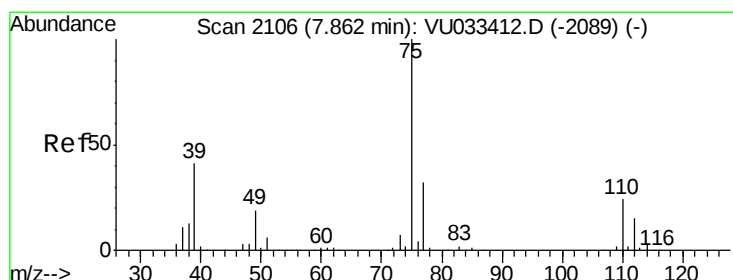
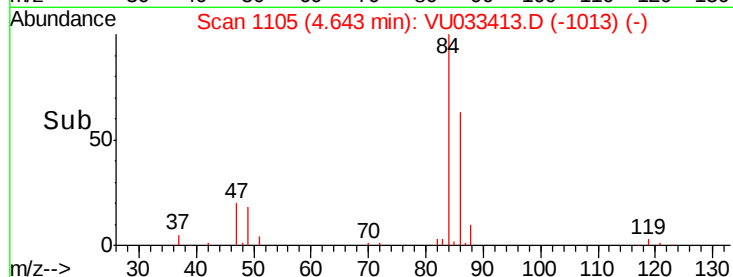
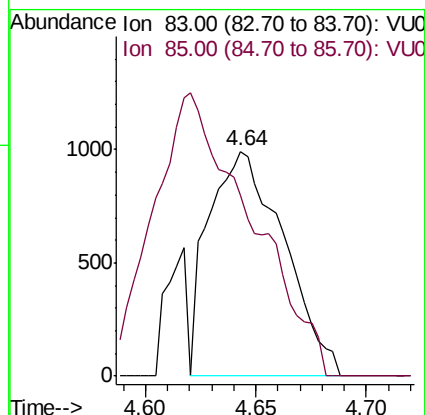
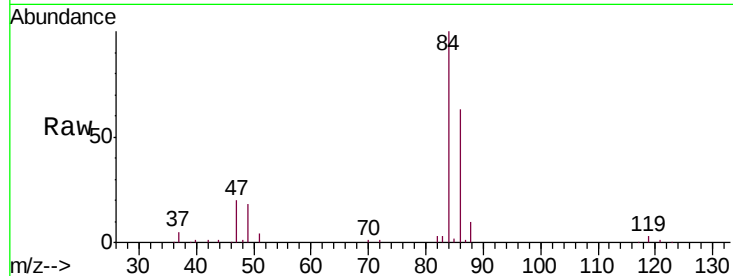




#25
Chloroform
Concen: 0.596 ug/L
RT: 4.64 min Scan# 1105
Delta R.T. -0.00 min
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Tgt Ion: 83 Resp: 2353
Ion Ratio Lower Upper
83 100
85 80.7 45.4 84.4



#44
trans-1,3-Dichloropropene
Concen: 0.910 ug/L
RT: 7.83 min Scan# 2097
Delta R.T. -0.03 min
Lab File: VU033413.D
Acq: 25 Jul 2019 16:50

Tgt Ion: 75 Resp: 2828
Ion Ratio Lower Upper
75 100
77 42.3 22.4 41.6#

