

Data File : VU033698.D
Acq On : 09 Aug 2019 21:19
Operator : JC/SP
Sample : K4202-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2B26

Quant Time: Aug 10 04:29:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080919WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 10 04:26:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	355281	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	340914	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	170367	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	123414	47.19	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	94.38%		
7) Chloroethane-d5	1.67	69	123684	47.18	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	94.36%		
11) 1,1-Dichloroethene-d2	2.26	63	180893	41.14	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.28%		
21) 2-Butanone-d5	4.15	46	265094	163.50	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	163.50%#		
24) Chloroform-d	4.62	84	252064	64.87	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	129.74%#		
26) 1,2-Dichloroethane-d4	5.29	65	165008	67.92	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	135.84%#		
32) Benzene-d6	5.32	84	515989	64.13	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	128.26%#		
36) 1,2-Dichloropropane-d6	6.31	67	166546	67.46	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	134.92%#		
41) Toluene-d8	7.55	98	465586	61.52	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	123.04%#		
43) trans-1,3-Dichloropropene-	7.83	79	78941	63.31	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	126.62%#		
47) 2-Hexanone-d5	8.29	63	209044	163.46	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	163.46%#		
57) 1,1,2,2-Tetrachloroethane-	10.41	84	260932	71.44	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	142.88%#		
64) 1,2-Dichlorobenzene-d4	11.84	152	200338	69.87	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	139.74%#		

Target Compounds

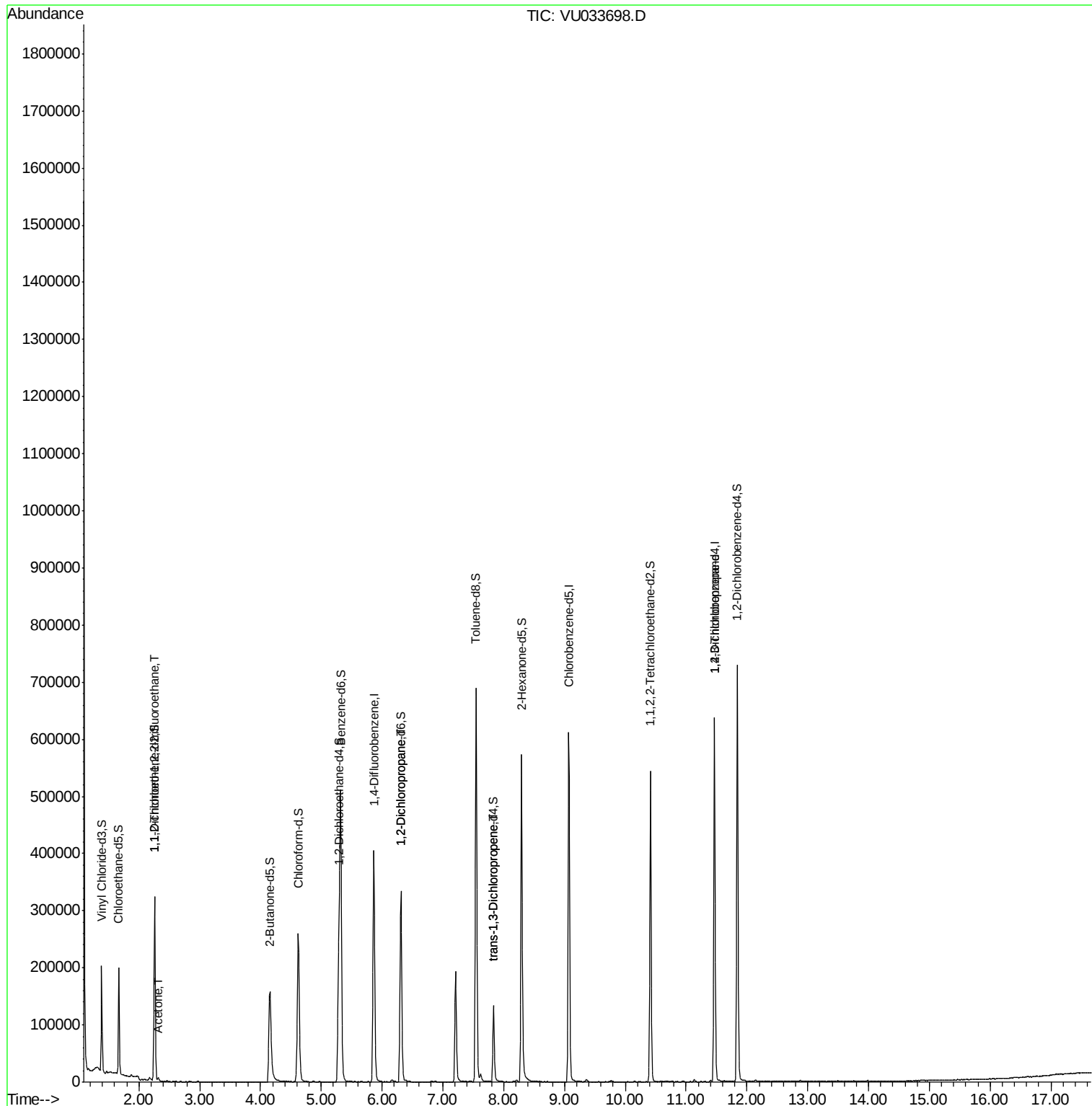
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	2176	1.023 ug/L #	24
13) Acetone	2.32	43	4669	2.864 ug/L	98
37) 1,2-Dichloropropane	6.31	63	17979	7.101 ug/L #	88
44) trans-1,3-Dichloropropene	7.83	75	3794	1.058 ug/L	94
59) 1,2,3-Trichloropropane	11.47	75	19492	5.695 ug/L	89

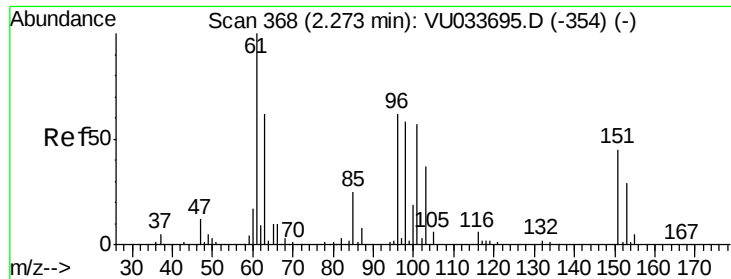
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 1.023 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.01 min

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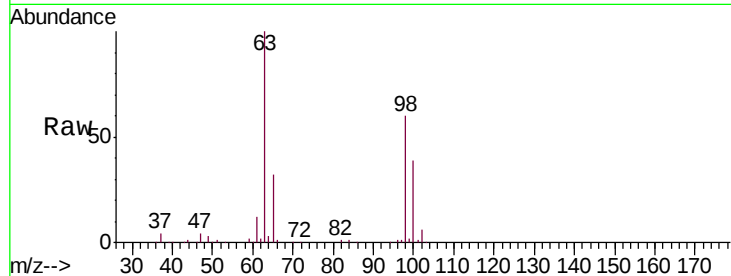
Tgt Ion:101 Resp: 2176

Ion Ratio Lower Upper

101 100

85 1.9 34.5 51.7#

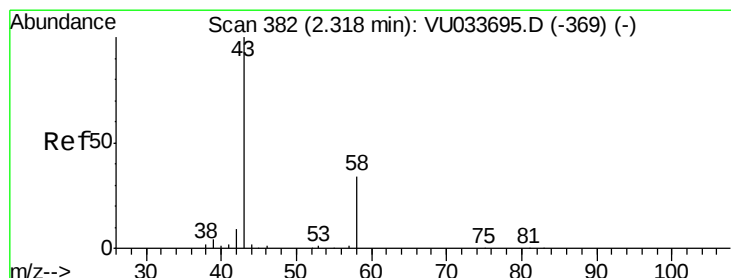
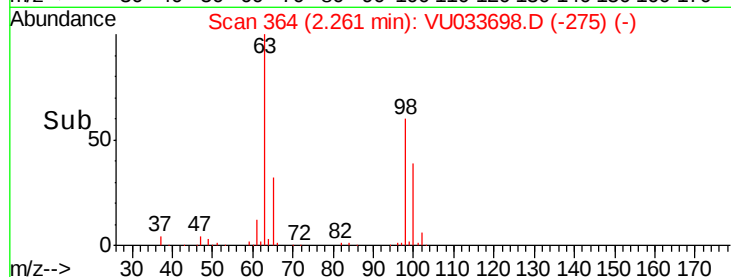
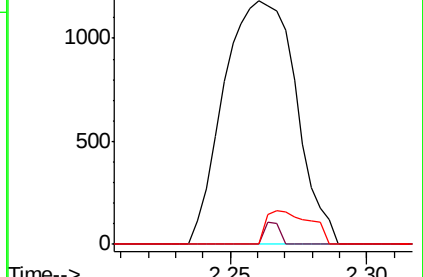
151 7.3 63.0 94.4#



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



#13

Acetone

Concen: 2.864 ug/L

RT: 2.32 min Scan# 381

Delta R.T. -0.00 min

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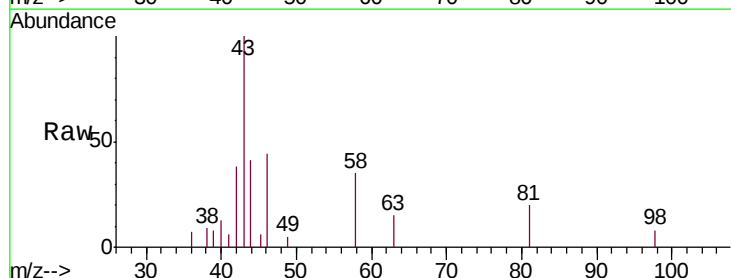
Acq: 09 Aug 2019 21:19

Tgt Ion: 43 Resp: 4669

Ion Ratio Lower Upper

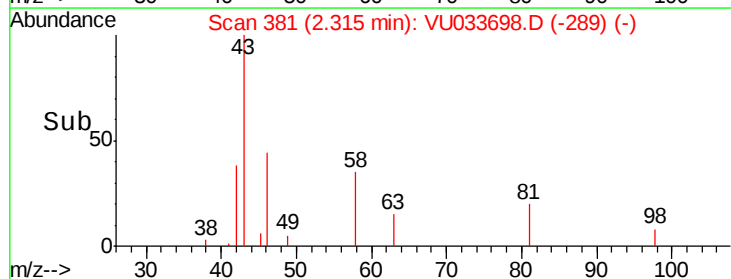
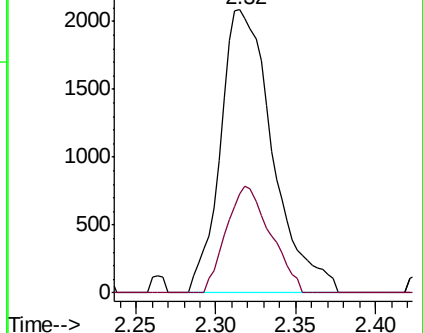
43 100

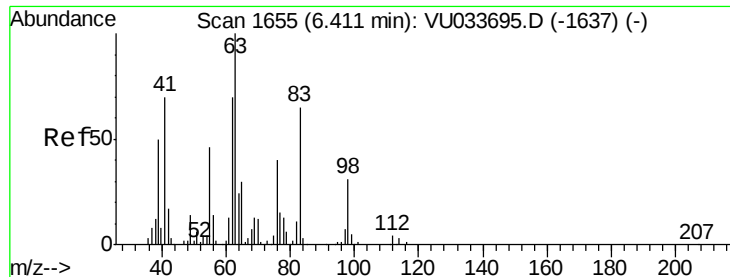
58 31.8 0.0 65.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

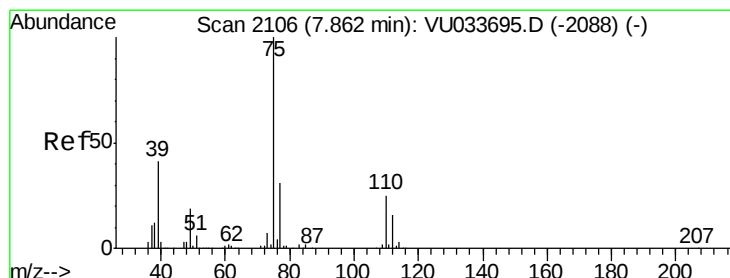
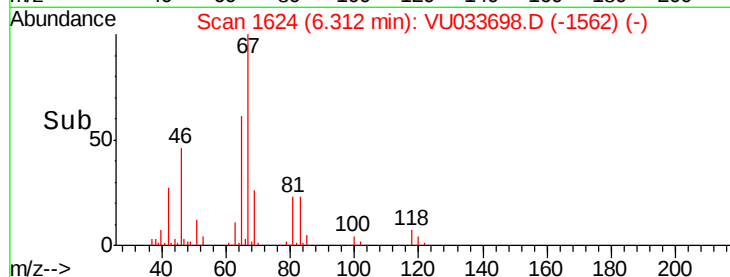
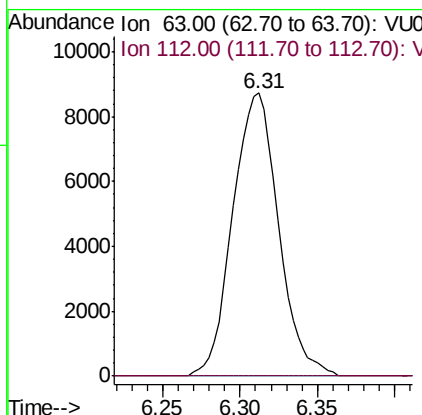
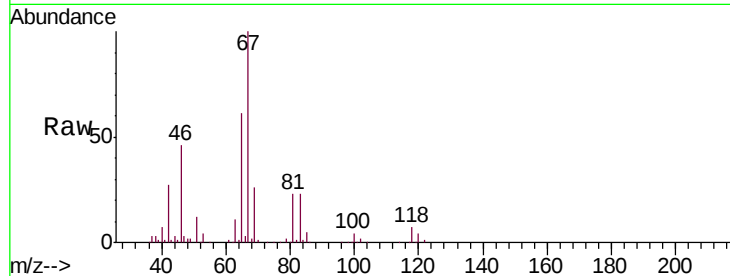




#37
 1,2-Dichloropropane
 Concen: 7.101 ug/L
 RT: 6.31 min Scan# 1624
 Delta R.T. -0.10 min
 Lab File: VU033698.D
 Acq: 09 Aug 2019 21:19

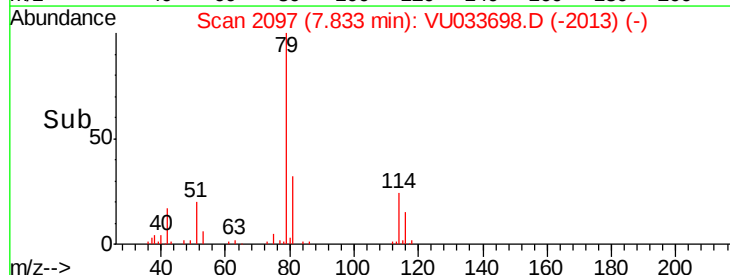
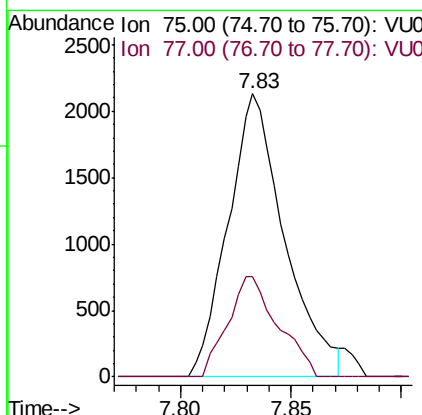
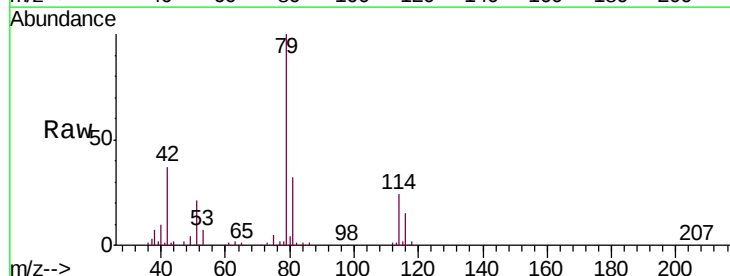
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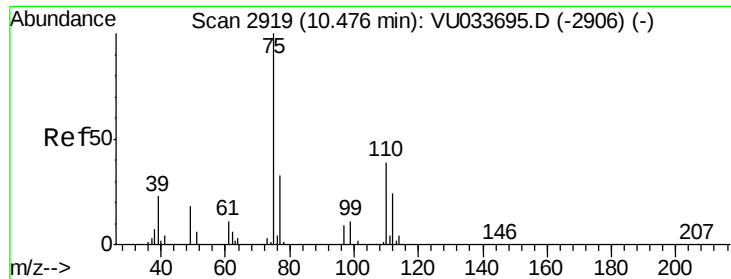
Tgt Ion: 63 Resp: 17979
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#44
 trans-1,3-Dichloropropene
 Concen: 1.058 ug/L
 RT: 7.83 min Scan# 2097
 Delta R.T. -0.03 min
 Lab File: VU033698.D
 Acq: 09 Aug 2019 21:19

Tgt Ion: 75 Resp: 3794
 Ion Ratio Lower Upper
 75 100
 77 35.2 22.4 41.6





#59

1,2,3-Trichloropropane

Concen: 5.695 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU033698.D

Acq: 09 Aug 2019 21:19

Instrument :

MSVOA_U

ClientSampleId :

F2B26

Tgt Ion: 75 Resp: 19492

Ion Ratio Lower Upper

75 100

77 39.0 26.4 39.6

