

Data File : VU034567.D
Acq On : 16 Sep 2019 16:11
Operator : JC/SP
Sample : K4838-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0MC2

Quant Time: Sep 17 02:58:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091619WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 17 02:36:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	321406	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	297973	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	121347	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	77368	49.89	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	99.78%		
7) Chloroethane-d5	1.67	69	61496	51.57	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	103.14%		
11) 1,1-Dichloroethene-d2	2.26	63	120253	37.90	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	75.80%		
21) 2-Butanone-d5	4.15	46	192146	109.89	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	109.89%		
24) Chloroform-d	4.62	84	182593	51.87	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.74%		
26) 1,2-Dichloroethane-d4	5.29	65	114207	53.17	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	106.34%		
32) Benzene-d6	5.32	84	348596	53.20	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	106.40%		
36) 1,2-Dichloropropane-d6	6.31	67	128991	52.89	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	105.78%		
41) Toluene-d8	7.54	98	331467	52.11	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	104.22%		
43) trans-1,3-Dichloropropene-	7.83	79	61076	52.50	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	105.00%		
47) 2-Hexanone-d5	8.29	63	141536	106.98	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	106.98%		
57) 1,1,2,2-Tetrachloroethane-	10.41	84	195278	51.24	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	102.48%		
64) 1,2-Dichlorobenzene-d4	11.84	152	123235	56.93	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	113.86%		

Target Compounds

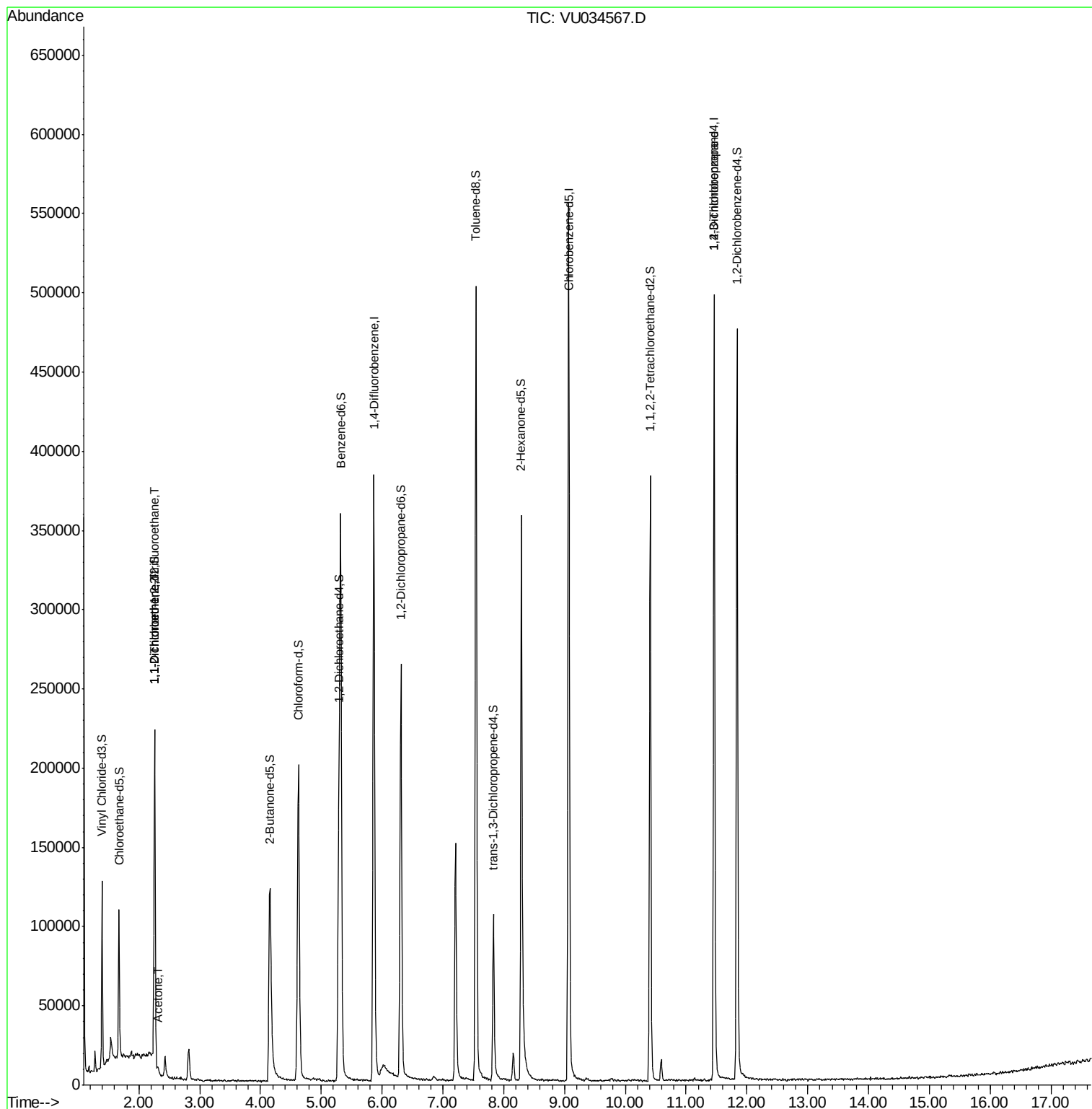
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1219	0.729 ug/L #	27
12) 1,1-Dichloroethene	2.26	96	1521	0.996 ug/L #	1
13) Acetone	2.31	43	3038	1.933 ug/L	83
59) 1,2,3-Trichloropropane	11.46	75	19022	6.071 ug/L	90

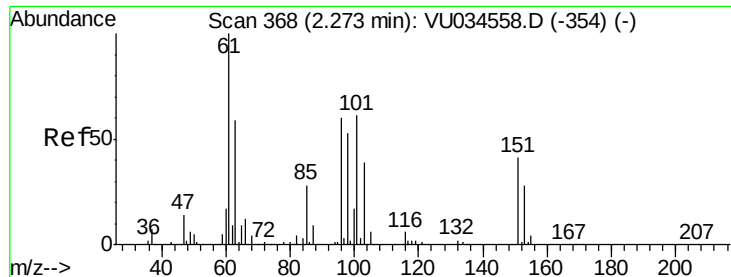
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.729 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.02 min

Lab File: VU034567.D

Acq: 16 Sep 2019 16:11

Instrument :

MSVOA_U

ClientSampleId :

C0MC2

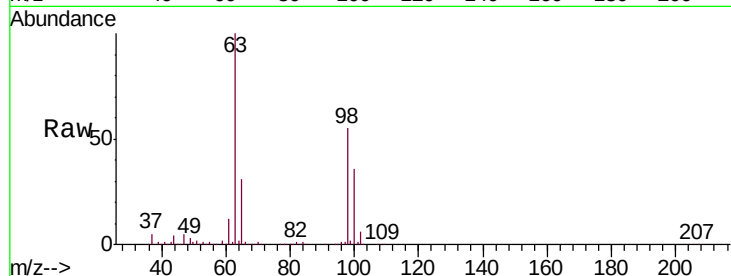
Tgt Ion: 101 Resp: 1219

Ion Ratio Lower Upper

101 100

85 8.1 37.0 55.6#

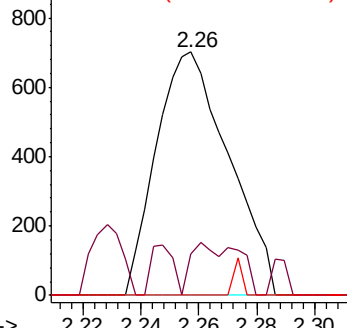
151 0.0 54.1 81.1#



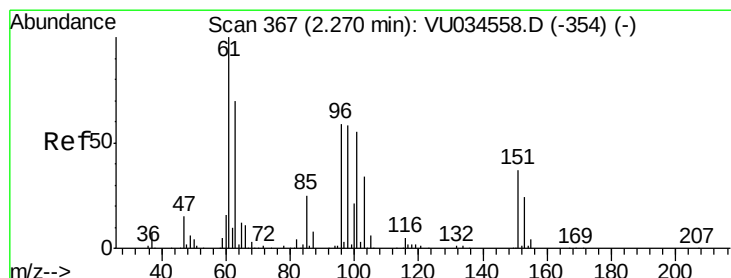
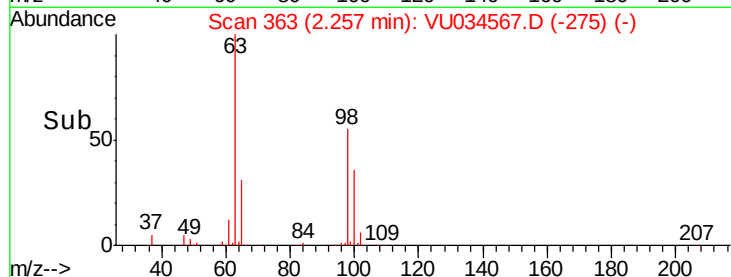
Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



Time-->



#12

1,1-Dichloroethene

Concen: 0.996 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.01 min

Lab File: VU034567.D

Acq: 16 Sep 2019 16:11

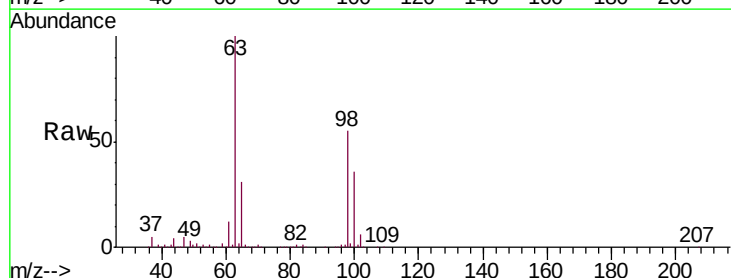
Tgt Ion: 96 Resp: 1521

Ion Ratio Lower Upper

96 100

61 1239.1 117.8 218.8#

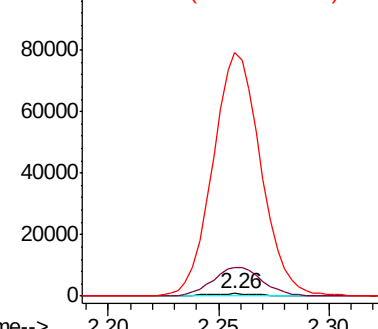
63 10351.9 83.8 155.6#



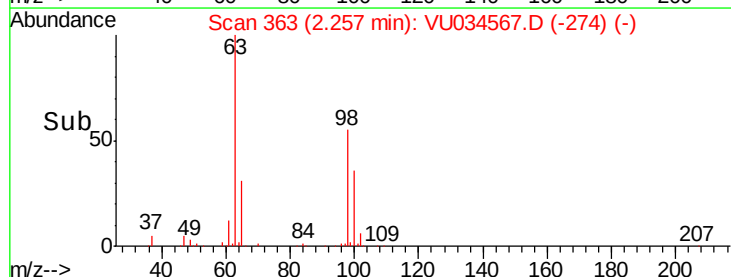
Abundance Ion 96.00 (95.70 to 96.70): VU0

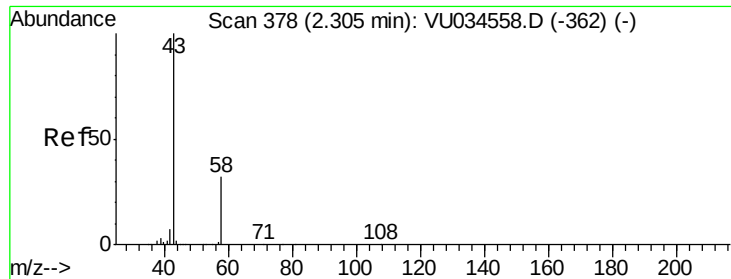
Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0



Time-->

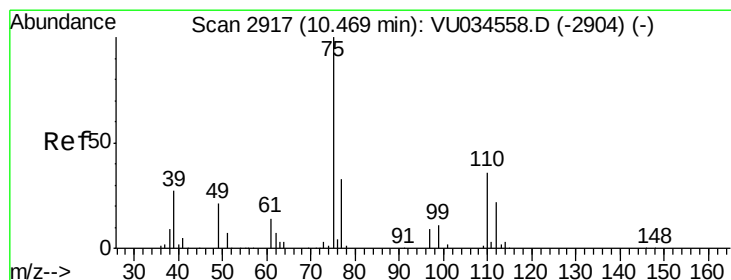
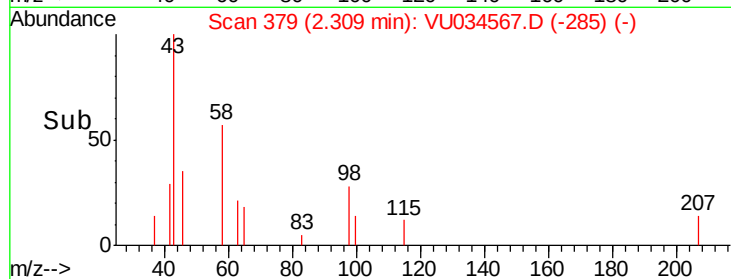
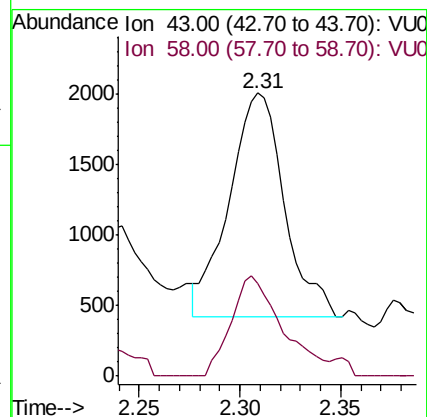
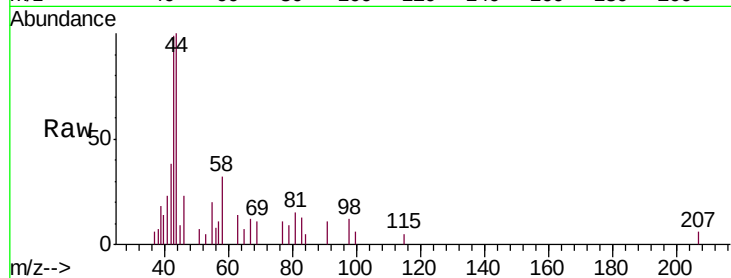




#13
Acetone
Concen: 1.933 ug/L
RT: 2.31 min Scan# 379
Delta R.T. 0.00 min
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Tgt Ion: 43 Resp: 3038
Ion Ratio Lower Upper
43 100
58 42.1 0.0 65.0



#59
1,2,3-Trichloropropane
Concen: 6.071 ug/L
RT: 11.46 min Scan# 3225
Delta R.T. 0.99 min
Lab File: VU034567.D
Acq: 16 Sep 2019 16:11

Tgt Ion: 75 Resp: 19022
Ion Ratio Lower Upper
75 100
77 38.3 26.1 39.1

