

Data File : VU034744.D
Acq On : 23 Sep 2019 19:45
Operator : JC/SP
Sample : PB12380TB
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VLEB02

Quant Time: Sep 24 03:40:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 24 03:36:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	478038	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	445854	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	200098	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	198270	40.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.02%
7) Chloroethane-d5	1.67	69	166780	44.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.18%
11) 1,1-Dichloroethene-d2	2.26	63	279205	33.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.38%
21) 2-Butanone-d5	4.15	46	428404	114.22	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.22%
24) Chloroform-d	4.62	84	347255	48.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.62%
26) 1,2-Dichloroethane-d4	5.29	65	256890	49.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.24%
32) Benzene-d6	5.32	84	702028	50.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.60%
36) 1,2-Dichloropropane-d6	6.31	67	249440	51.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.28%
41) Toluene-d8	7.54	98	668924	50.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.76%
43) trans-1,3-Dichloropropene-	7.83	79	117866	50.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.90%
47) 2-Hexanone-d5	8.29	63	269704	111.17	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.17%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	331353	49.44	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.88%
64) 1,2-Dichlorobenzene-d4	11.84	152	219745	52.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.74%

Target Compounds

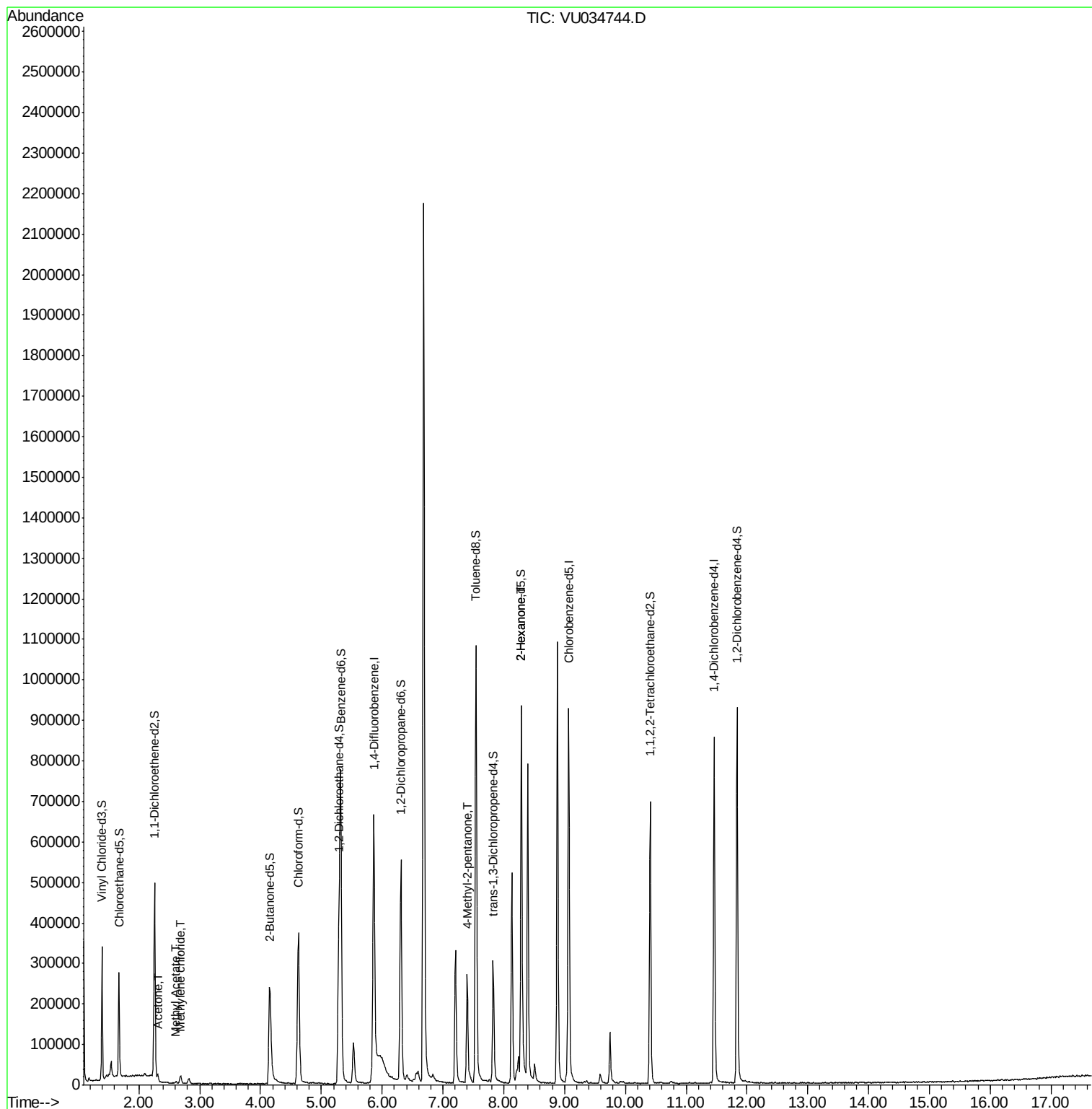
					Qvalue
13) Acetone	2.31	43	21105	4.837 ug/L	98
15) Methyl Acetate	2.61	43	5552	0.953 ug/L #	81
16) Methylene chloride	2.69	84	7725	1.950 ug/L	99
40) 4-Methyl-2-pentanone	7.40	43	109529	12.460 ug/L #	58
48) 2-Hexanone	8.29	43	147871	21.538 ug/L #	53

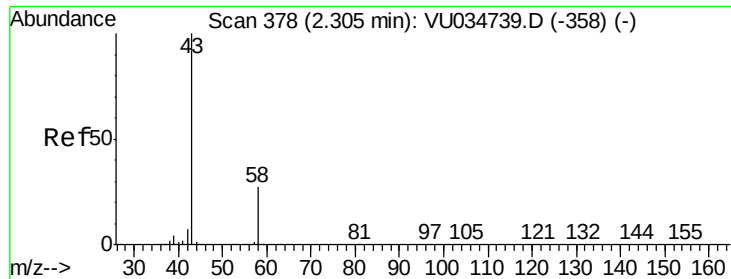
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU034744.D
Acq On : 23 Sep 2019 19:45
Operator : JC/SP
Sample : PB12380TB
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VLEB02

Quant Time: Sep 24 03:40:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 24 03:36:55 2019
Response via : Initial Calibration





#13

Acetone

Concen: 4.837 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VU034744.D

Acq: 23 Sep 2019 19:45

Instrument :

MSVOA_U

ClientSampleId :

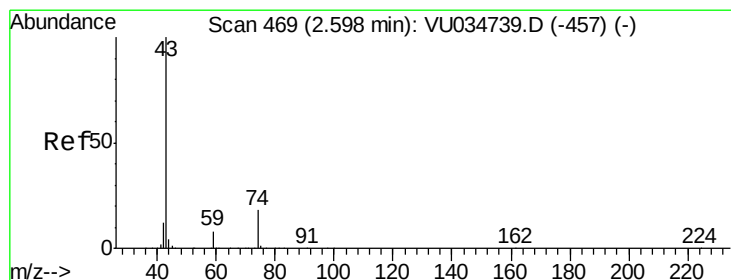
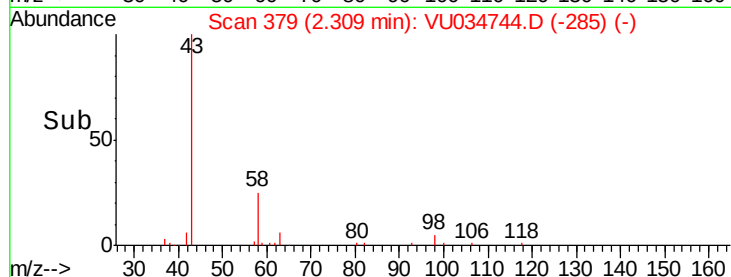
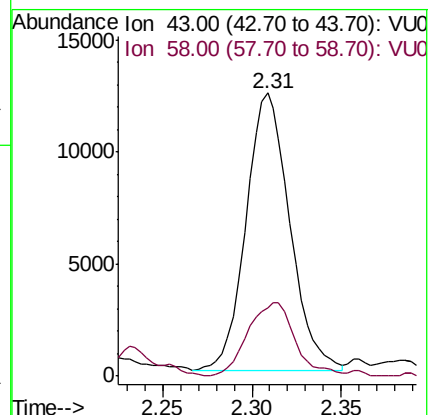
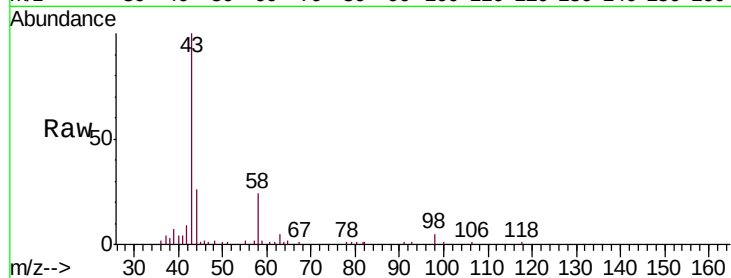
VLEB02

Tgt Ion: 43 Resp: 21105

Ion Ratio Lower Upper

43 100

58 27.9 0.0 53.4



#15

Methyl Acetate

Concen: 0.953 ug/L

RT: 2.61 min Scan# 473

Delta R.T. 0.01 min

Lab File: VU034744.D

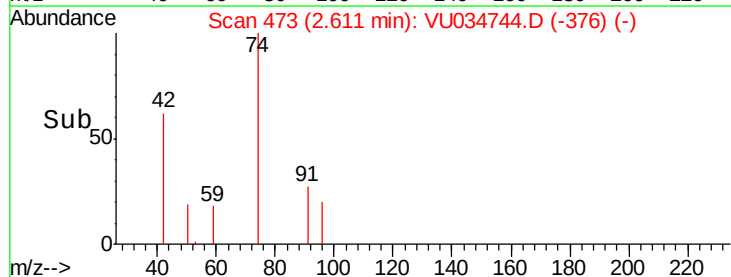
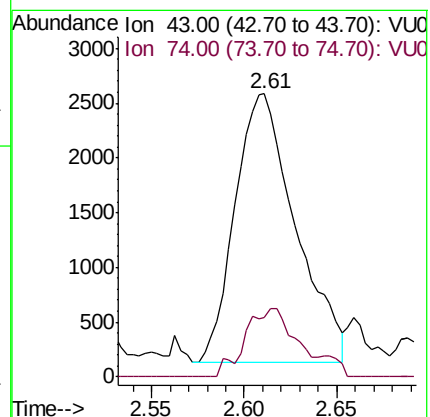
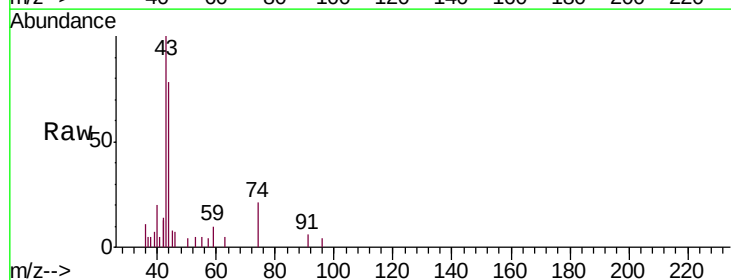
Acq: 23 Sep 2019 19:45

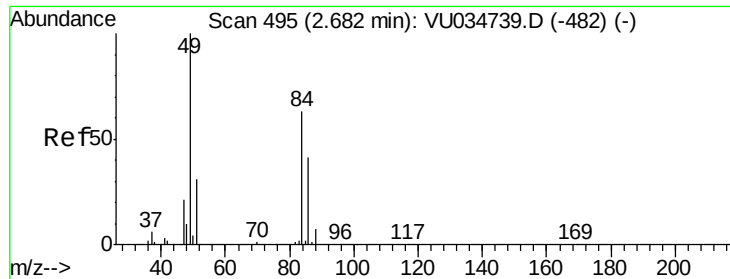
Tgt Ion: 43 Resp: 5552

Ion Ratio Lower Upper

43 100

74 9.5 14.4 21.6#

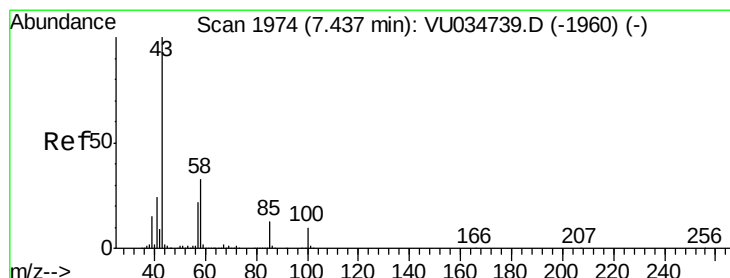
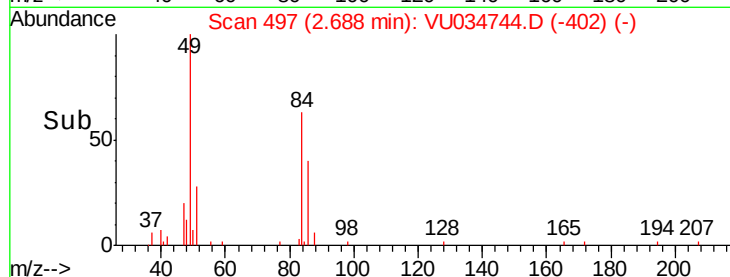
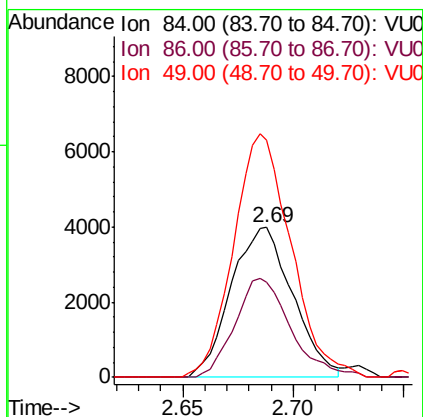
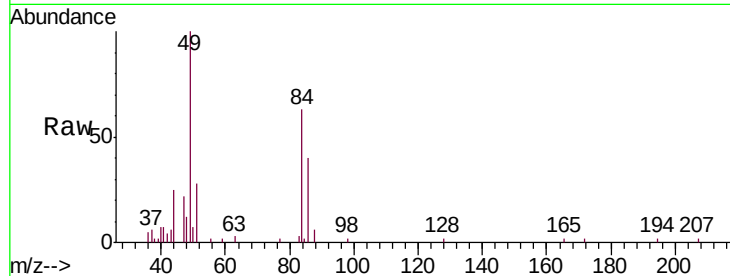




#16
Methylene chloride
Concen: 1.950 ug/L
RT: 2.69 min Scan# 497
Delta R.T. 0.01 min
Lab File: VU034744.D
Acq: 23 Sep 2019 19:45

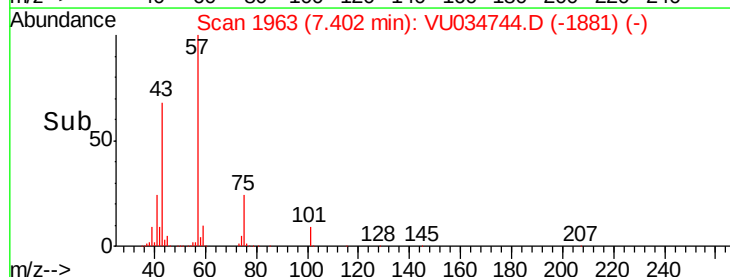
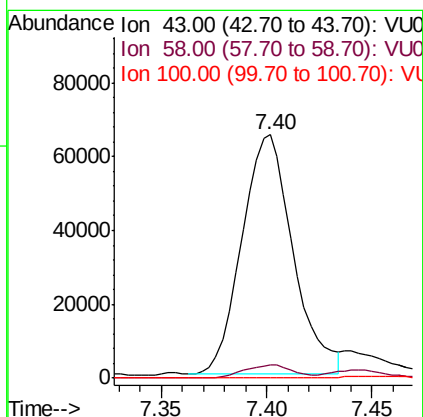
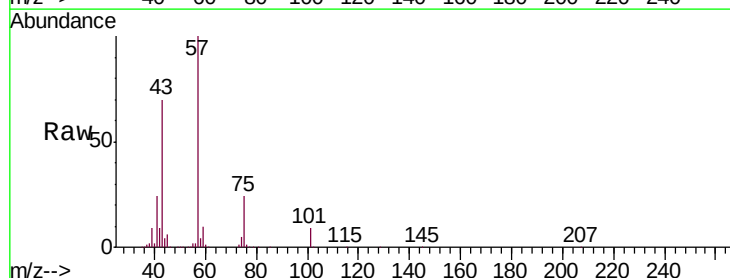
Instrument :
MSVOA_U
ClientSampleId :
VLEB02

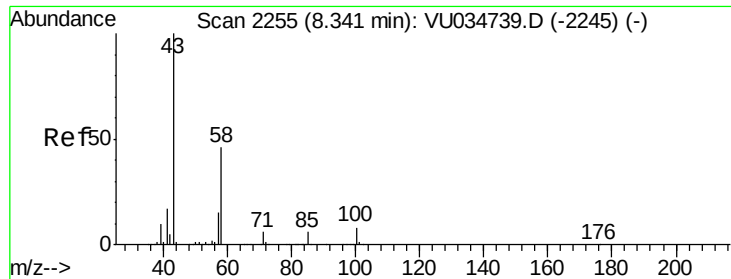
Tgt Ion: 84 Resp: 7725
Ion Ratio Lower Upper
84 100
86 61.7 43.0 80.0
49 154.3 109.7 203.7



#40
4-Methyl-2-pentanone
Concen: 12.460 ug/L
RT: 7.40 min Scan# 1963
Delta R.T. -0.04 min
Lab File: VU034744.D
Acq: 23 Sep 2019 19:45

Tgt Ion: 43 Resp: 109529
Ion Ratio Lower Upper
43 100
58 5.3 25.2 37.8#
100 0.0 7.7 11.5#





#48

2-Hexanone

Concen: 21.538 ug/L

RT: 8.29 min Scan# 2239

Delta R.T. -0.05 min

Lab File: VU034744.D

Acq: 23 Sep 2019 19:45

Instrument :

MSVOA_U

ClientSampleId :

VLEB02

Tgt Ion: 43 Resp: 147871

Ion Ratio Lower Upper

43 100

58 5.7 35.3 52.9#

57 4.6 12.1 18.1#

100 0.1 6.2 9.4#

