

Data File : VU034709.D
Acq On : 20 Sep 2019 23:33
Operator : JC/SP
Sample : K4993-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETOH8

Quant Time: Sep 21 05:31:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 21 05:27:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	459127	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	425672	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	190111	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	175769	37.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.80%
7) Chloroethane-d5	1.67	69	154868	42.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.26%
11) 1,1-Dichloroethene-d2	2.26	63	244887	30.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.54%
21) 2-Butanone-d5	4.15	46	375920	104.35	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.35%
24) Chloroform-d	4.62	84	317756	46.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	5.29	65	235893	46.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.92%
32) Benzene-d6	5.32	84	626317	47.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.94%
36) 1,2-Dichloropropane-d6	6.31	67	226299	49.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.14%
41) Toluene-d8	7.54	98	580910	46.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.56%
43) trans-1,3-Dichloropropene-	7.83	79	98136	44.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.86%
47) 2-Hexanone-d5	8.29	63	229419	99.05	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.05%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	307340	48.03	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.06%
64) 1,2-Dichlorobenzene-d4	11.84	152	186911	46.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.78%

Target Compounds

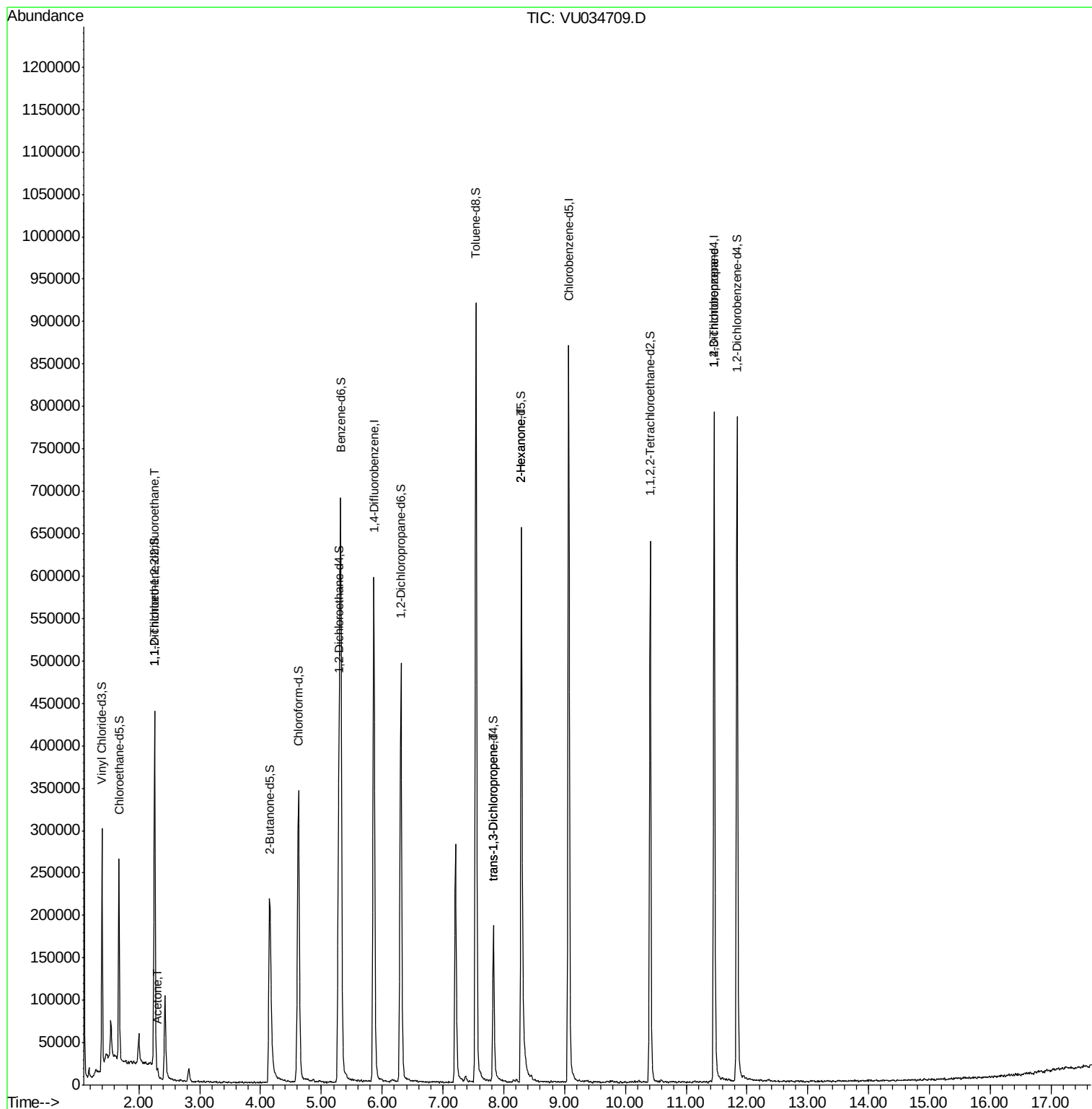
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.25	101	2499	0.798 ug/L #	24
13) Acetone	2.31	43	10442	2.492 ug/L	98
44) trans-1,3-Dichloropropene	7.83	75	5801	0.974 ug/L #	72
48) 2-Hexanone	8.29	43	32983	5.032 ug/L #	74
59) 1,2,3-Trichloropropane	11.46	75	30912	5.630 ug/L	93

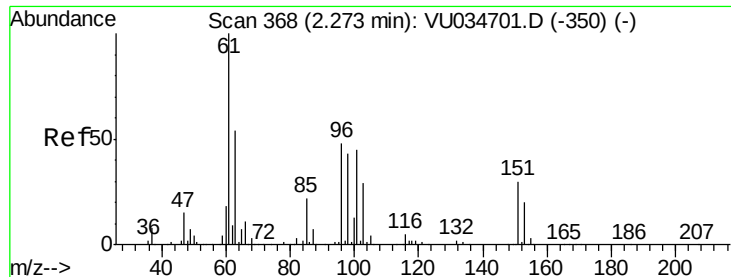
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU034709.D
Acq On : 20 Sep 2019 23:33
Operator : JC/SP
Sample : K4993-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETOH8

Quant Time: Sep 21 05:31:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 21 05:27:34 2019
Response via : Initial Calibration





#10

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

Concen: 0.798 ug/L

RT: 2.25 min Scan# 362

Delta R.T. -0.02 min

Lab File: VU034709.D

Acq: 20 Sep 2019 23:33

Instrument :

MSVOA_U

ClientSampleId :

ETOH8

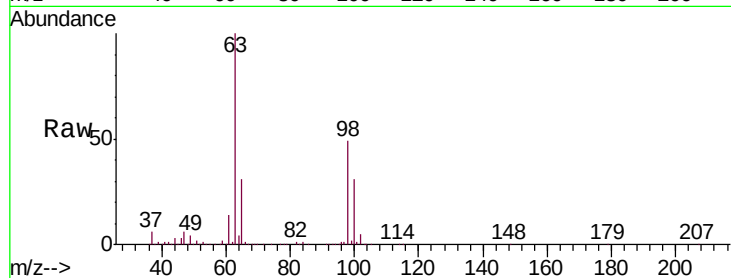
Tgt Ion: 101 Resp: 2499

Ion Ratio Lower Upper

101 100

85 3.3 39.0 58.4#

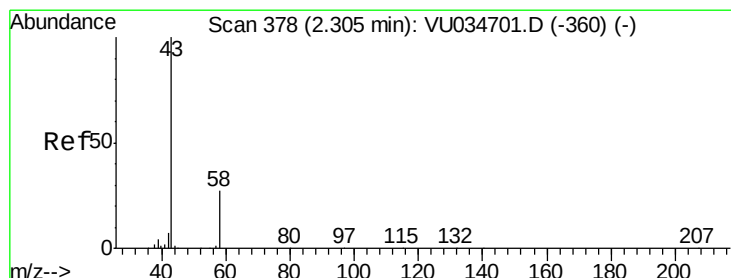
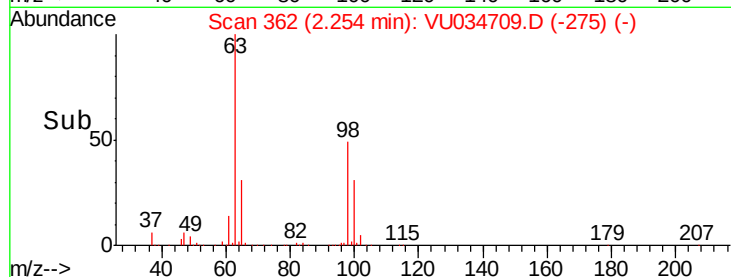
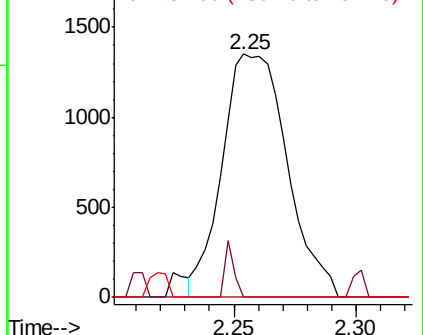
151 0.0 52.8 79.2#



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: 2.492 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VU034709.D

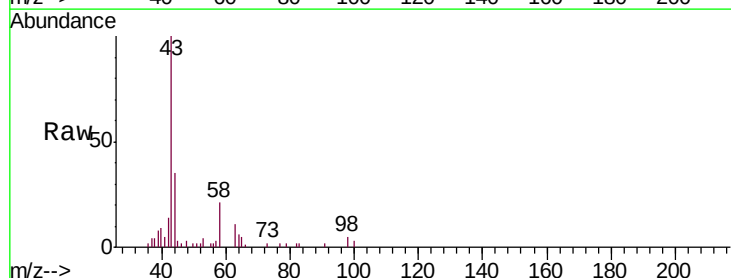
Acq: 20 Sep 2019 23:33

Tgt Ion: 43 Resp: 10442

Ion Ratio Lower Upper

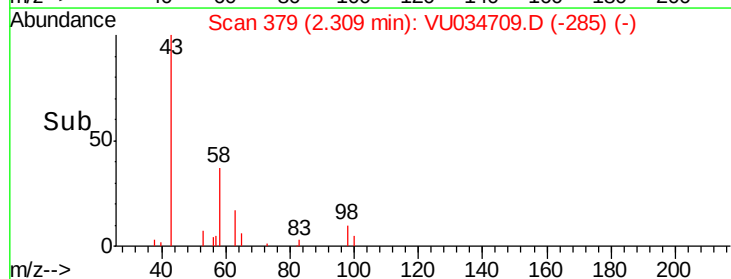
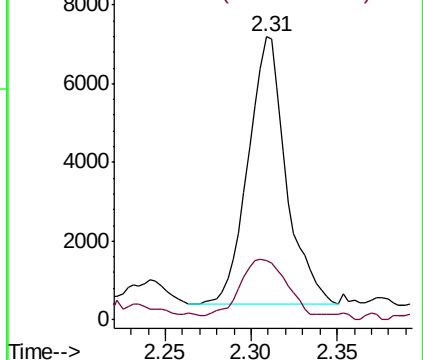
43 100

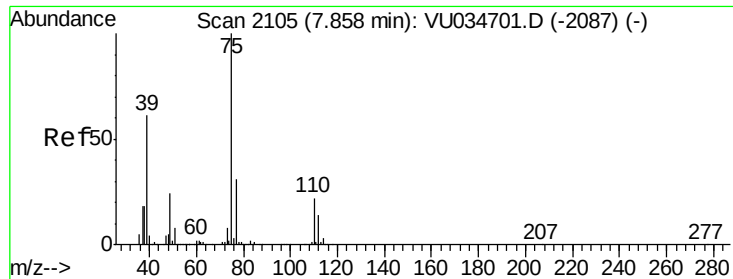
58 25.6 0.0 53.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#44

trans-1,3-Dichloropropene

Concen: 0.974 ug/L

RT: 7.83 min Scan# 2097

Delta R.T. -0.03 min

Lab File: VU034709.D

Acq: 20 Sep 2019 23:33

Instrument :

MSVOA_U

ClientSampleId :

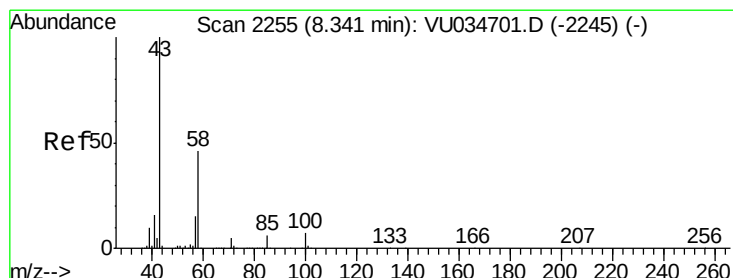
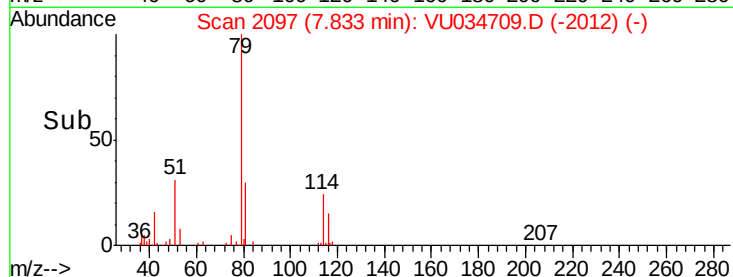
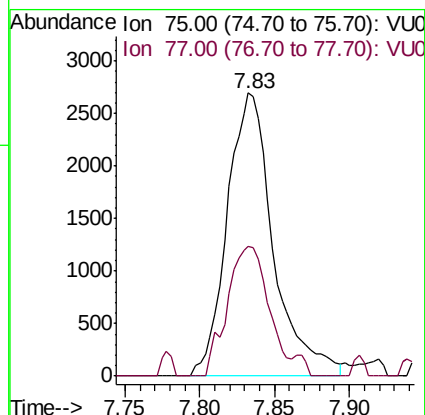
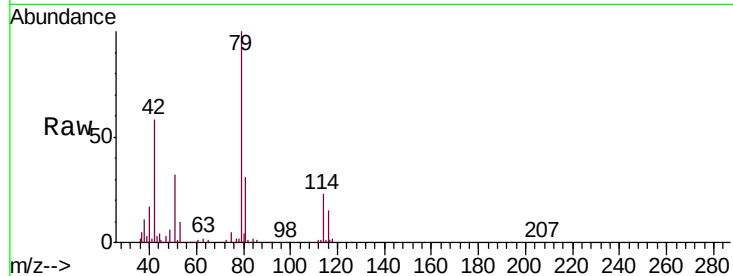
ETOH8

Tgt Ion: 75 Resp: 5801

Ion Ratio Lower Upper

75 100

77 45.7 21.4 39.8#



#48

2-Hexanone

Concen: 5.032 ug/L

RT: 8.29 min Scan# 2239

Delta R.T. -0.05 min

Lab File: VU034709.D

Acq: 20 Sep 2019 23:33

Tgt Ion: 43 Resp: 32983

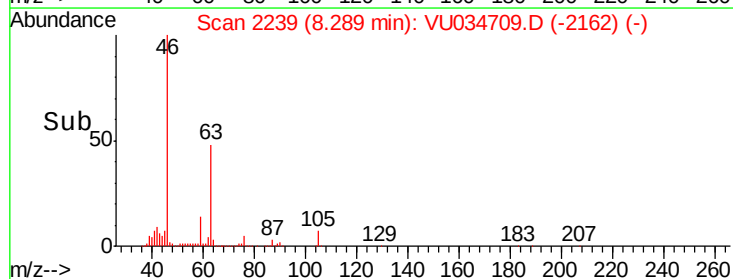
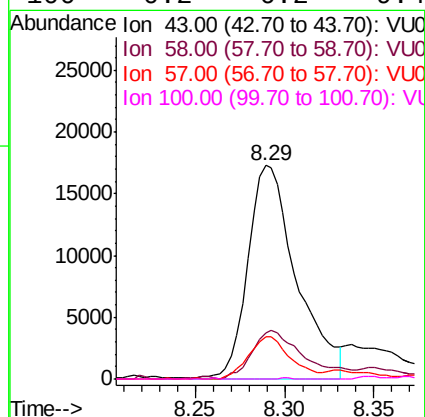
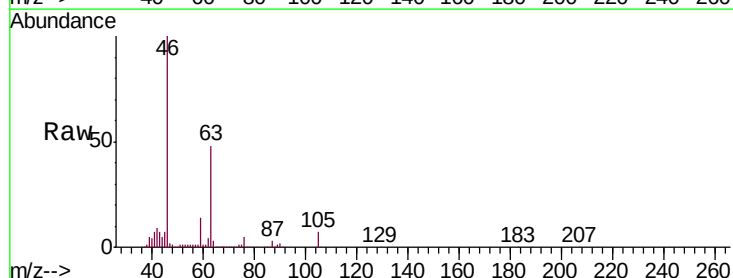
Ion Ratio Lower Upper

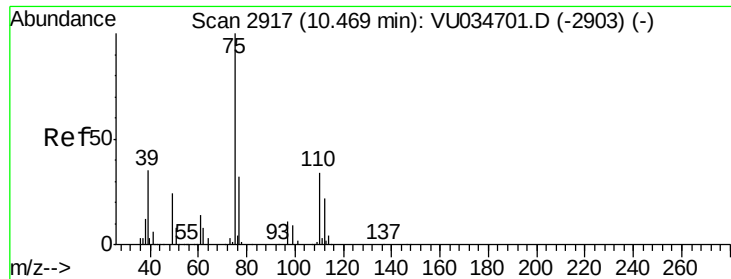
43 100

58 22.4 35.3 52.9#

57 17.2 12.1 18.1

100 0.2 6.2 9.4#





#59

1,2,3-Trichloropropane

Concen: 5.630 ug/L

RT: 11.46 min Scan# 3225

Delta R.T. 0.99 min

Lab File: VU034709.D

Acq: 20 Sep 2019 23:33

Instrument :

MSVOA_U

ClientSampleId :

ETOH8

Tgt Ion: 75 Resp: 30912

Ion Ratio Lower Upper

75 100

77 34.5 24.6 37.0

