

Data File : VU033652.D
Acq On : 08 Aug 2019 20:51
Operator : JC/SP
Sample : K4161-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETOE4

Quant Time: Aug 09 07:44:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080819WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 09 07:39:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	301972	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	302297	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	138660	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	149954	43.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.98%
7) Chloroethane-d5	1.67	69	124205	43.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.10%
11) 1,1-Dichloroethene-d2	2.26	63	192403	34.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.82%
21) 2-Butanone-d5	4.15	46	216352	86.66	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.66%
24) Chloroform-d	4.62	84	234405	41.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.00%
26) 1,2-Dichloroethane-d4	5.29	65	154539	42.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.84%
32) Benzene-d6	5.32	84	487829	43.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.54%
36) 1,2-Dichloropropane-d6	6.31	67	154135	43.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.00%
41) Toluene-d8	7.55	98	435962	41.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.66%
43) trans-1,3-Dichloropropene-	7.83	79	73470	41.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.76%
47) 2-Hexanone-d5	8.29	63	152032	84.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.72%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	230494	41.11	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.22%
64) 1,2-Dichlorobenzene-d4	11.85	152	171173	45.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.36%

Target Compounds

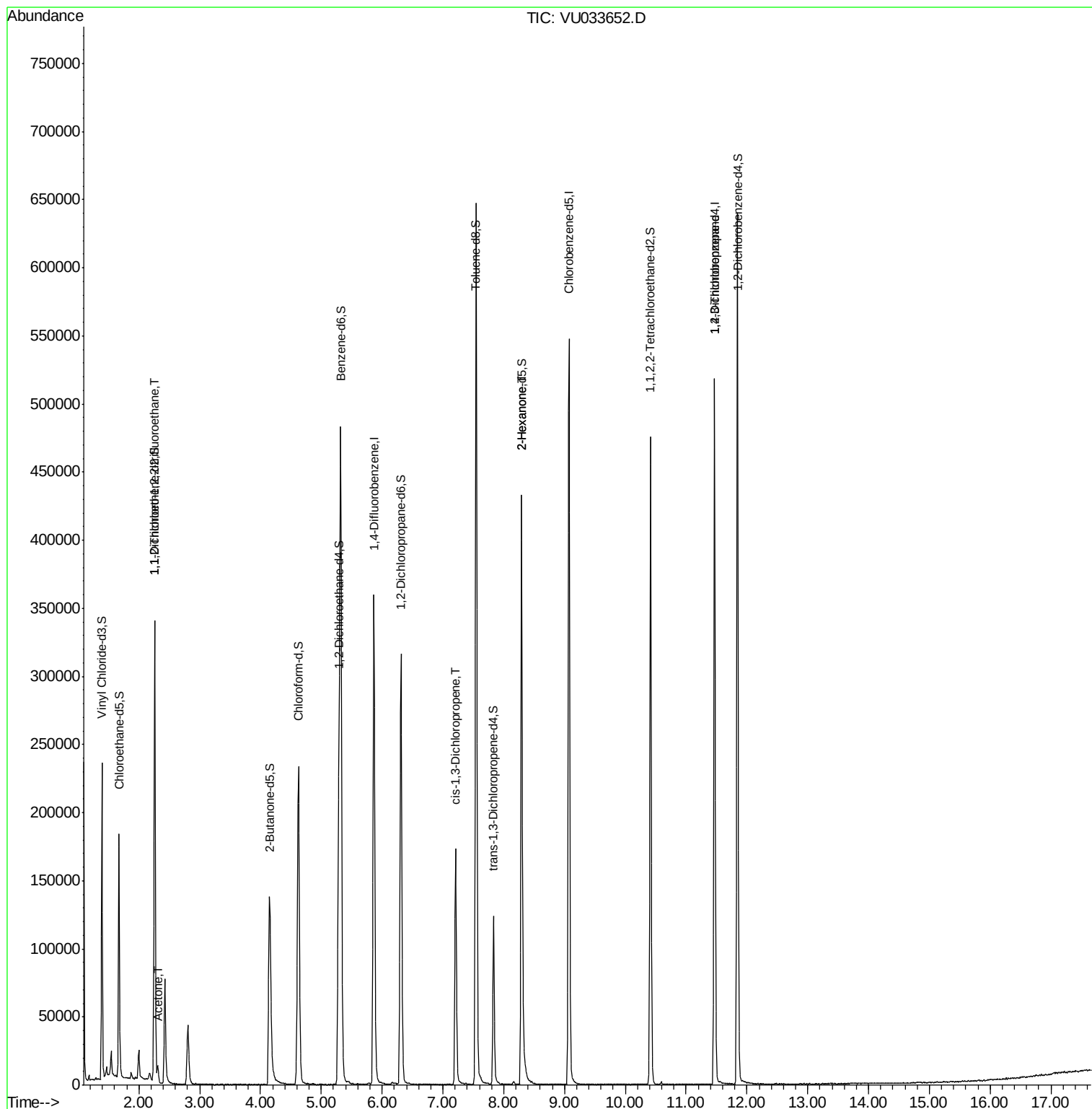
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1763	0.788 ug/L #	19
13) Acetone	2.31	43	12578	7.406 ug/L	96
39) cis-1,3-Dichloropropene	7.21	75	4324	1.126 ug/L #	80
48) 2-Hexanone	8.29	43	18277	5.925 ug/L #	71
59) 1,2,3-Trichloropropane	11.47	75	16708	4.744 ug/L	92

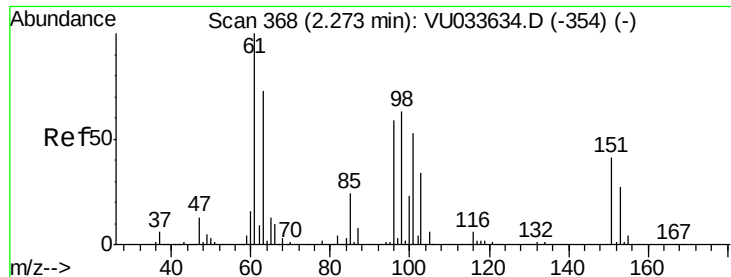
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.788 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.01 min

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ETOE4

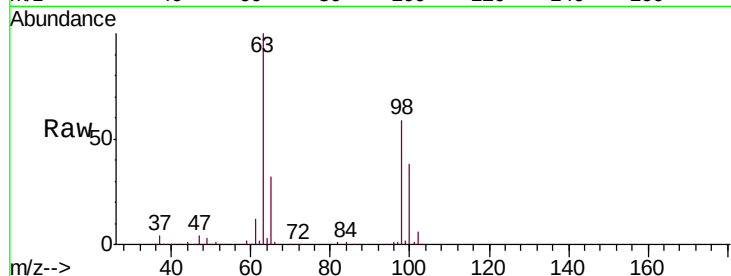
Tgt Ion: 101 Resp: 1763

Ion Ratio Lower Upper

101 100

85 0.0 34.8 52.2#

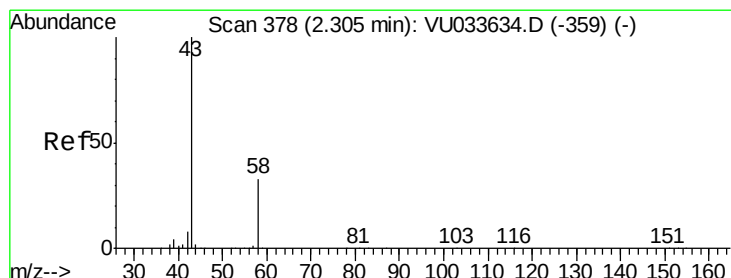
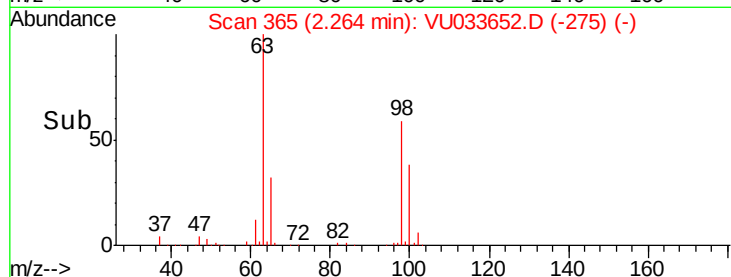
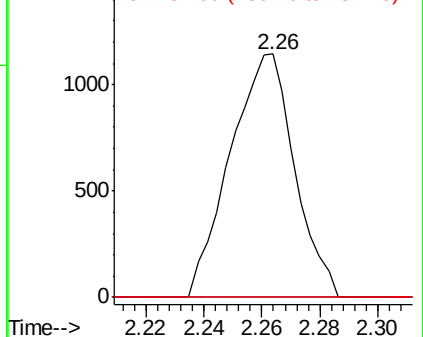
151 0.0 60.4 90.6#



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: 7.406 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

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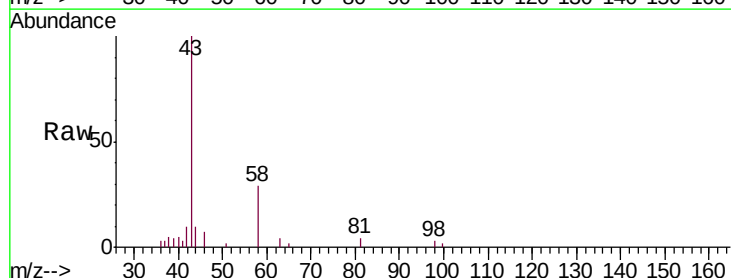
Acq: 08 Aug 2019 20:51

Tgt Ion: 43 Resp: 12578

Ion Ratio Lower Upper

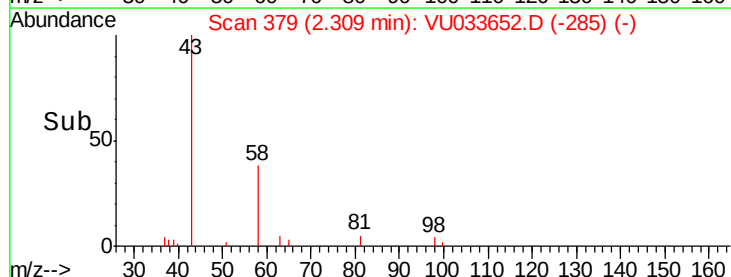
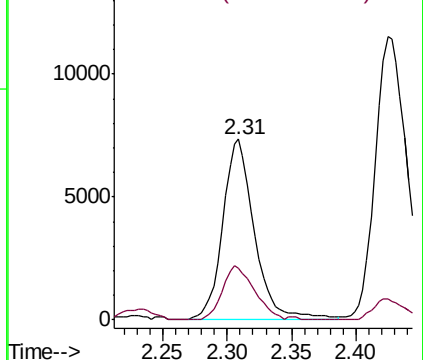
43 100

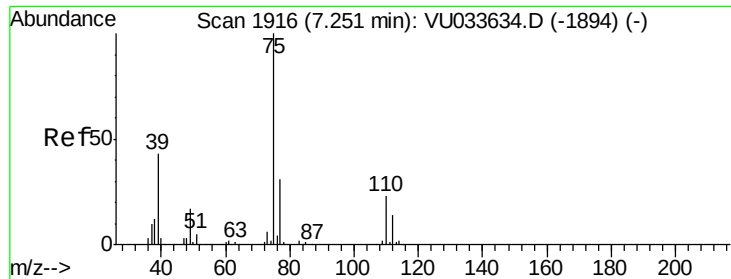
58 30.0 0.0 65.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#39

cis-1,3-Dichloropropene

Concen: 1.126 ug/L

RT: 7.21 min Scan# 1903

Delta R.T. -0.04 min

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Instrument :

MSVOA_U

ClientSampled :

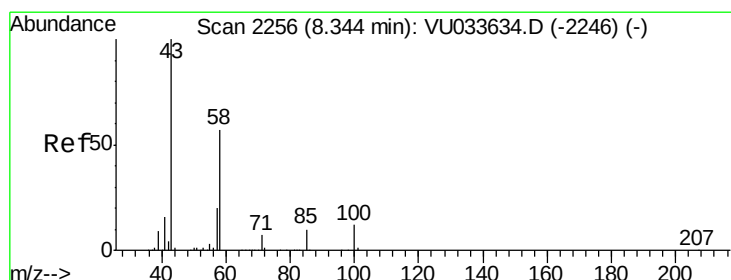
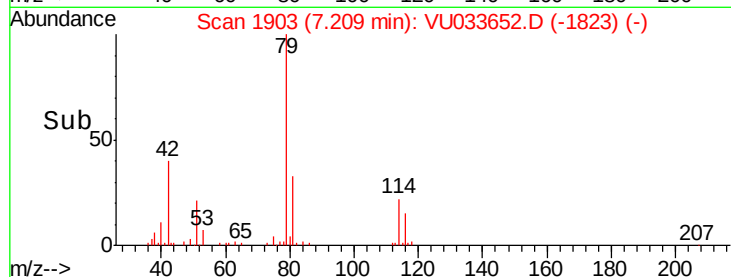
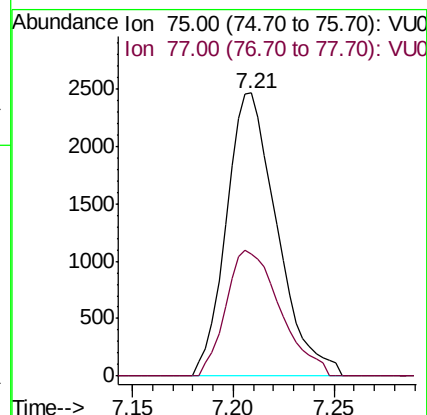
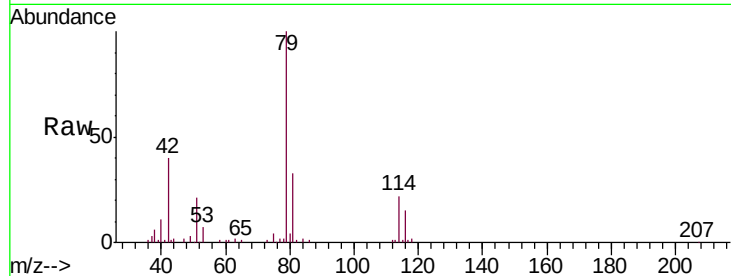
ETOE4

Tgt Ion: 75 Resp: 4324

Ion Ratio Lower Upper

75 100

77 43.2 22.5 41.9#



#48

2-Hexanone

Concen: 5.925 ug/L

RT: 8.29 min Scan# 2240

Delta R.T. -0.05 min

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Acq: 08 Aug 2019 20:51

Tgt Ion: 43 Resp: 18277

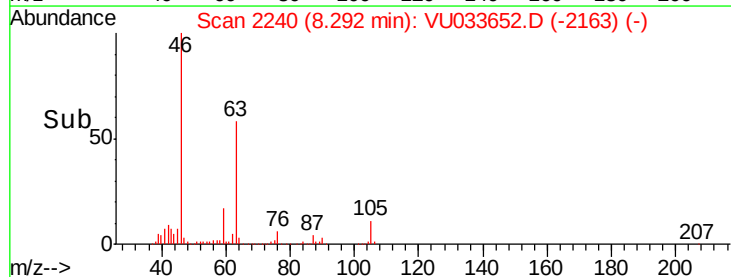
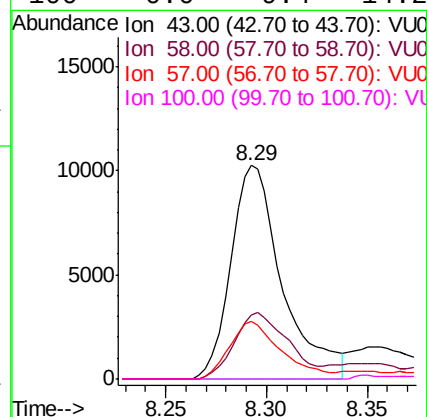
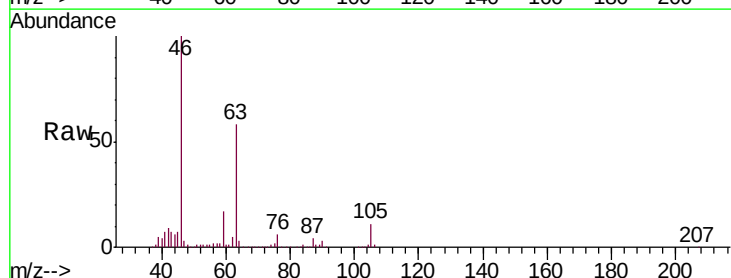
Ion Ratio Lower Upper

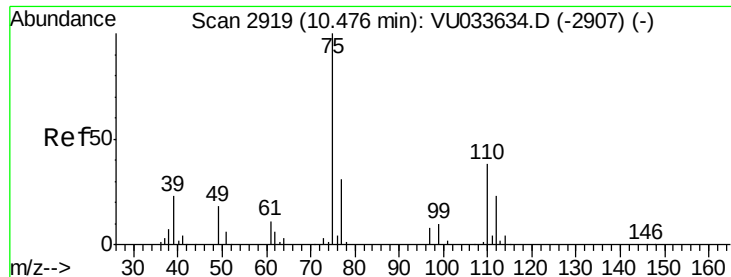
43 100

58 32.1 44.8 67.2#

57 27.2 15.5 23.3#

100 0.0 9.4 14.2#





#59

1,2,3-Trichloropropane

Concen: 4.744 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU033652.D

Acq: 08 Aug 2019 20:51

Instrument :

MSVOA_U

ClientSampleId :

ETOE4

Tgt Ion: 75 Resp: 16708

Ion Ratio Lower Upper

75 100

77 36.1 25.5 38.3

