

Data File : VU033651.D
Acq On : 08 Aug 2019 20:28
Operator : JC/SP
Sample : K4161-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETOE2

Quant Time: Aug 09 07:44:52 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	303819	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	304376	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	138383	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	143859	41.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.88%
7) Chloroethane-d5	1.67	69	119256	41.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.16%
11) 1,1-Dichloroethene-d2	2.26	63	185050	33.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.76%
21) 2-Butanone-d5	4.15	46	196488	78.23	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	78.23%
24) Chloroform-d	4.62	84	226991	39.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.88%
26) 1,2-Dichloroethane-d4	5.29	65	148153	40.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.84%
32) Benzene-d6	5.32	84	469189	41.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.68%
36) 1,2-Dichloropropane-d6	6.31	67	150211	41.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.24%
41) Toluene-d8	7.55	98	419107	39.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.88%#
43) trans-1,3-Dichloropropene-	7.83	79	69258	39.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.42%
47) 2-Hexanone-d5	8.29	63	142781	79.02	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.02%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	220402	39.04	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	78.08%
64) 1,2-Dichlorobenzene-d4	11.85	152	160599	42.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.96%

Target Compounds

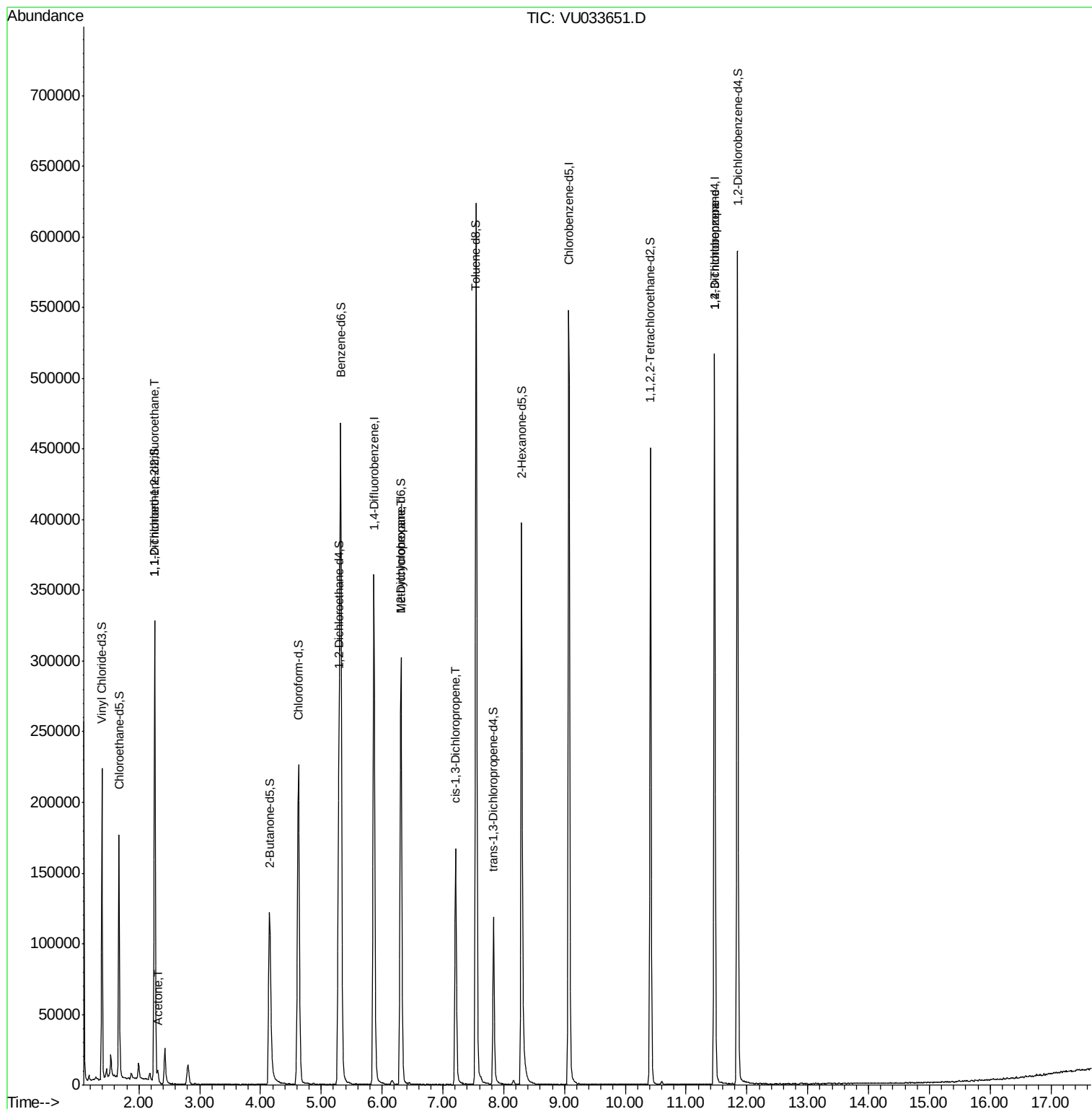
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1693	0.752 ug/L #	19
13) Acetone	2.31	43	7565	4.427 ug/L	98
35) Methylcyclohexane	6.31	83	34095	9.033 ug/L #	19
39) cis-1,3-Dichloropropene	7.21	75	4271	1.105 ug/L #	65
59) 1,2,3-Trichloropropane	11.47	75	16725	4.717 ug/L	90

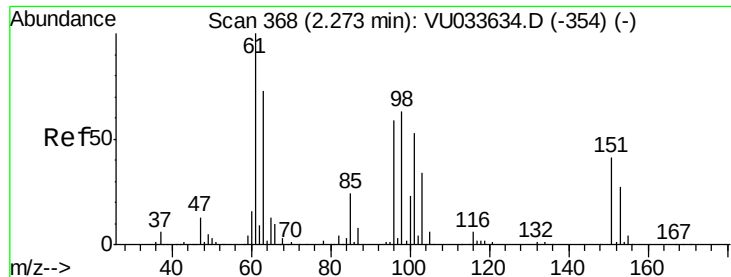
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.752 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.01 min

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MSVOA_U

ClientSampleId :

ETOE2

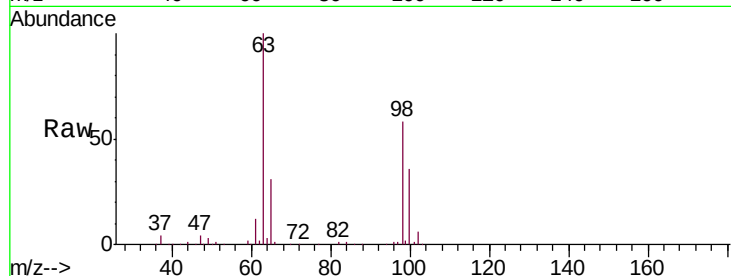
Tgt Ion: 101 Resp: 1693

Ion Ratio Lower Upper

101 100

85 0.0 34.8 52.2#

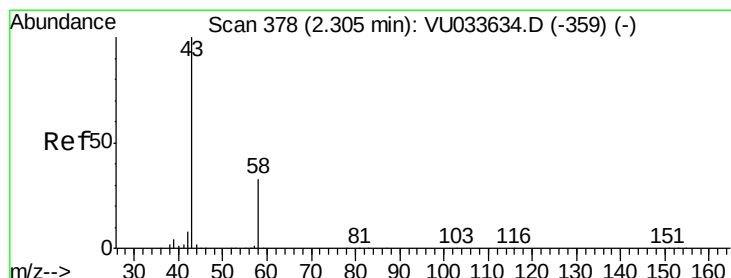
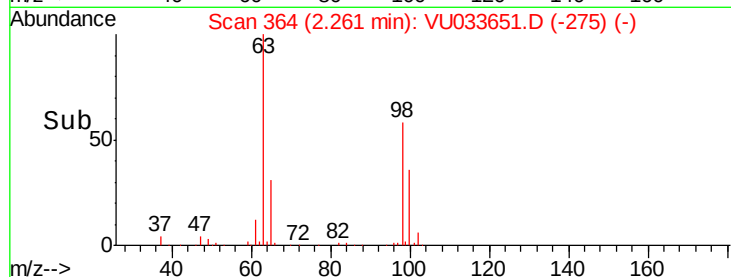
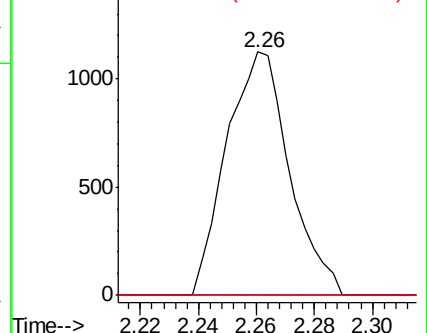
151 0.0 60.4 90.6#



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: 4.427 ug/L

RT: 2.31 min Scan# 378

Delta R.T. 0.00 min

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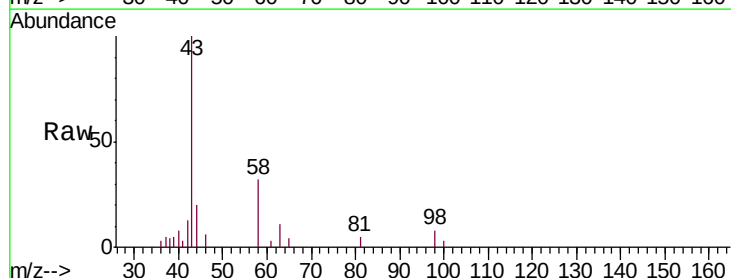
Acq: 08 Aug 2019 20:28

Tgt Ion: 43 Resp: 7565

Ion Ratio Lower Upper

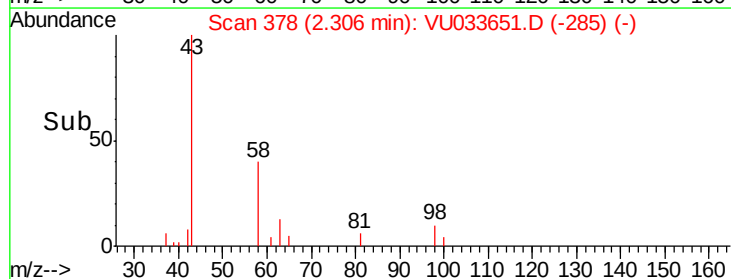
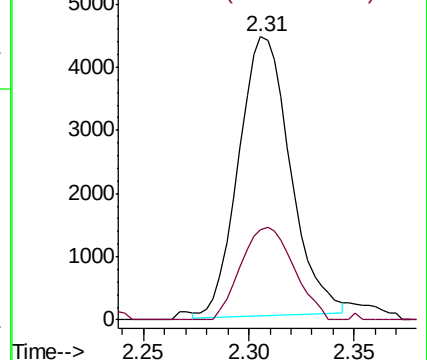
43 100

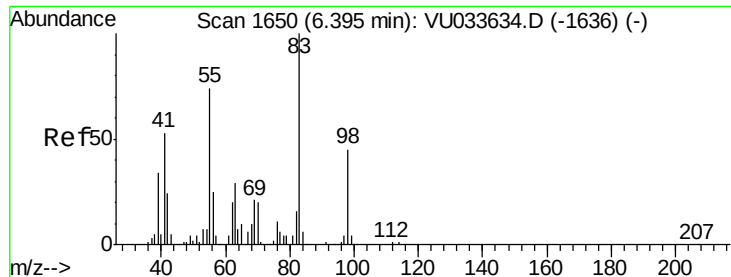
58 33.6 0.0 65.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

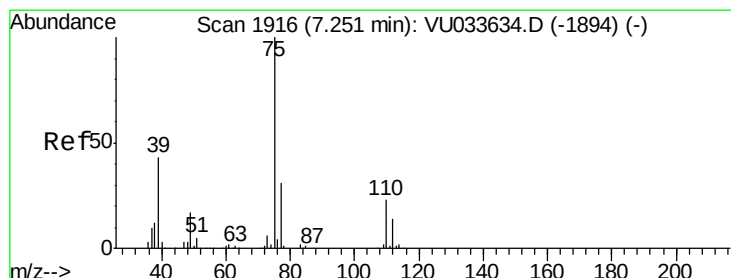
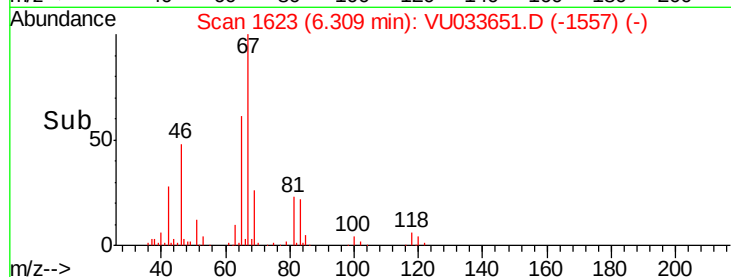
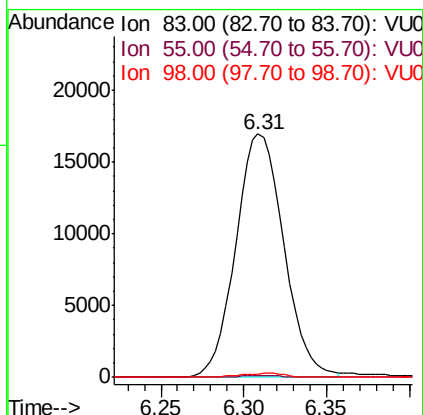
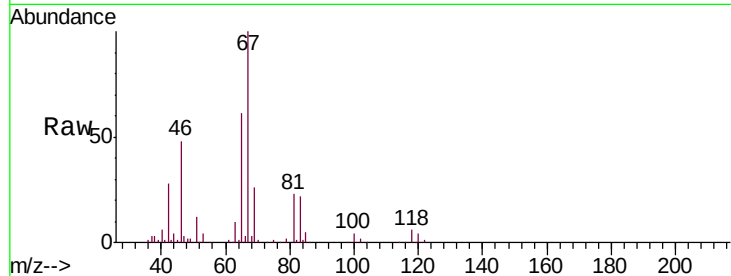




#35
Methylcyclohexane
Concen: 9.033 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.09 min
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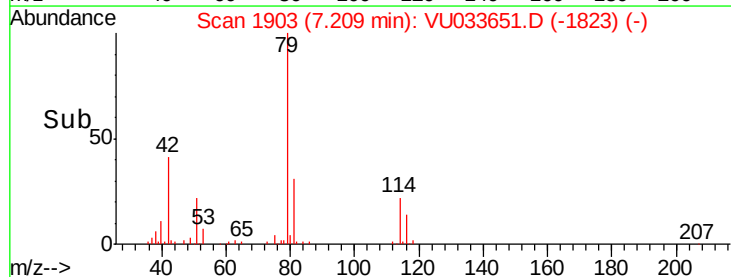
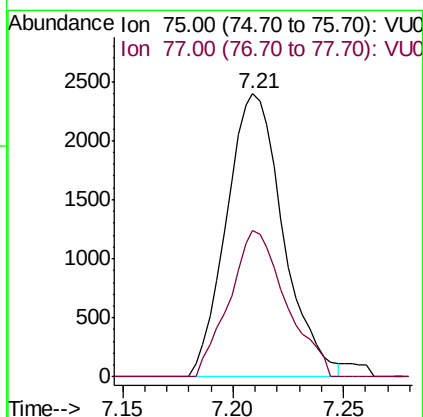
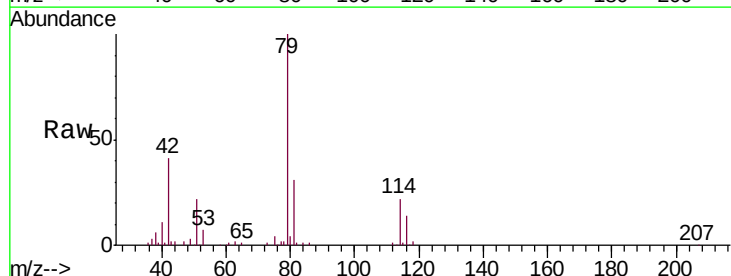
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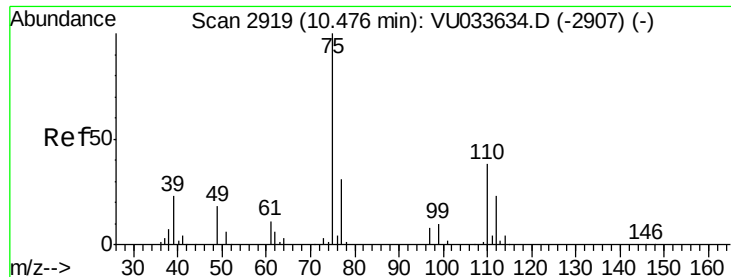
Tgt Ion: 83 Resp: 34095
Ion Ratio Lower Upper
83 100
55 0.4 61.3 91.9#
98 0.6 36.7 55.1#



#39
cis-1,3-Dichloropropene
Concen: 1.105 ug/L
RT: 7.21 min Scan# 1903
Delta R.T. -0.04 min
Lab File: VU033651.D
Acq: 08 Aug 2019 20:28

Tgt Ion: 75 Resp: 4271
Ion Ratio Lower Upper
75 100
77 51.9 22.5 41.9#





#59

1,2,3-Trichloropropane

Concen: 4.717 ug/L

RT: 11.47 min Scan# 3228

Delta R.T. 0.99 min

Lab File: VU033651.D

Acq: 08 Aug 2019 20:28

Instrument :

MSVOA_U

ClientSampleId :

ETOE2

Tgt Ion: 75 Resp: 16725

Ion Ratio Lower Upper

75 100

77 37.7 25.5 38.3

