

Data File : VU033660.D
Acq On : 08 Aug 2019 23:56
Operator : JC/SP
Sample : K4161-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETOE6

Quant Time: Aug 09 09:05:24 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	296863	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	302237	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	144074	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	138337	41.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.56%
7) Chloroethane-d5	1.67	69	116519	41.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.16%
11) 1,1-Dichloroethene-d2	2.26	63	190823	35.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.44%
21) 2-Butanone-d5	4.15	46	195794	79.78	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	79.78%
24) Chloroform-d	4.62	84	216951	39.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.14%
26) 1,2-Dichloroethane-d4	5.29	65	148601	41.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.98%
32) Benzene-d6	5.32	84	456027	40.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.92%
36) 1,2-Dichloropropane-d6	6.31	67	147447	41.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.28%
41) Toluene-d8	7.55	98	413160	39.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.30%#
43) trans-1,3-Dichloropropene-	7.83	79	65638	37.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.84%
47) 2-Hexanone-d5	8.29	63	137086	76.41	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.41%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	219184	39.10	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	78.20%
64) 1,2-Dichlorobenzene-d4	11.85	152	162542	41.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.58%

Target Compounds

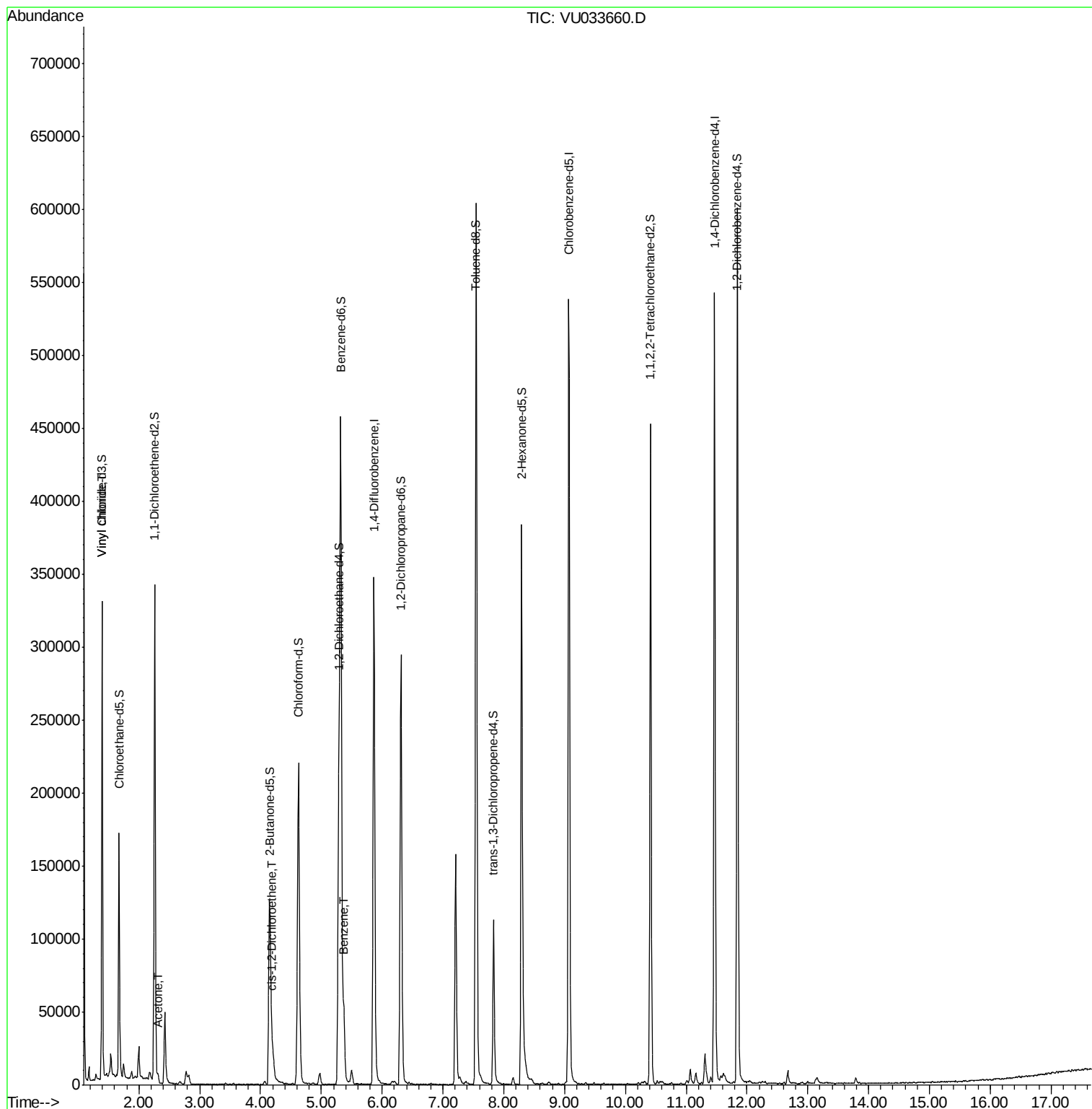
					Qvalue
5) Vinyl chloride	1.40	62	82562	25.623 ug/L	99
13) Acetone	2.31	43	4741	2.840 ug/L	88
20) cis-1,2-Dichloroethene	4.20	96	7502	3.045 ug/L	90
33) Benzene	5.37	78	52621	5.515 ug/L	100

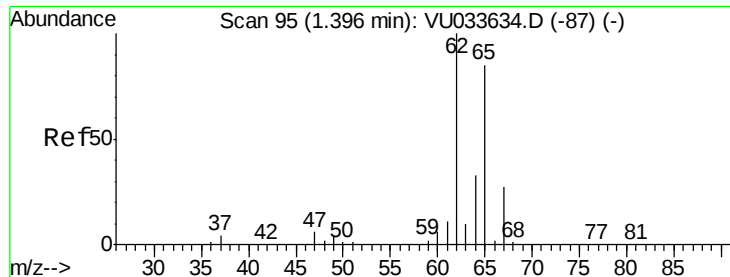
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU033660.D
Acq On : 08 Aug 2019 23:56
Operator : JC/SP
Sample : K4161-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETOE6

Quant Time: Aug 09 09:05:24 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





#5

Vinyl chloride

Concen: 25.623 ug/L

RT: 1.40 min Scan# 95

Delta R.T. -0.00 min

Lab File: VU033660.D

Acq: 08 Aug 2019 23:56

Instrument :

MSVOA_U

ClientSampleId :

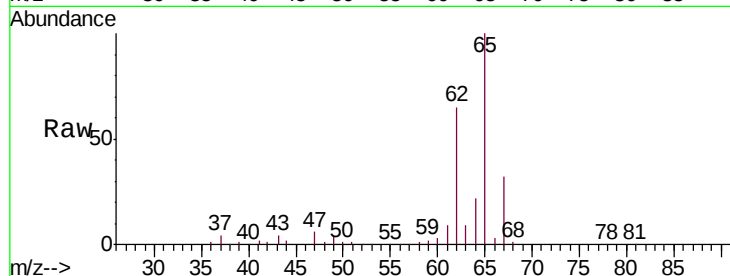
ETOE6

Tgt Ion: 62 Resp: 82562

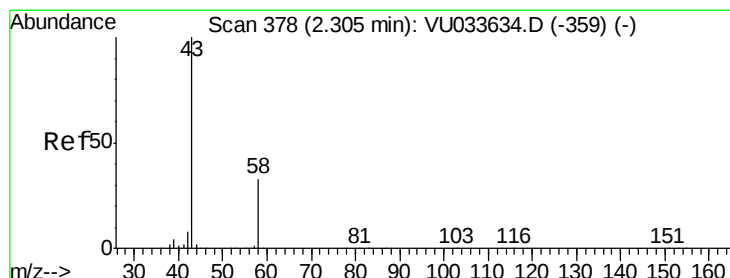
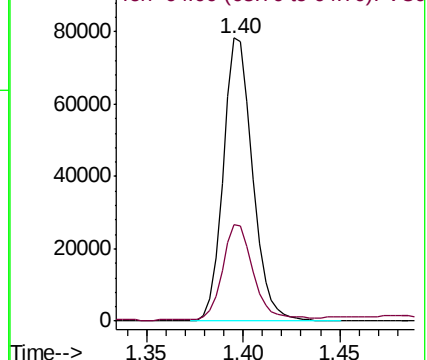
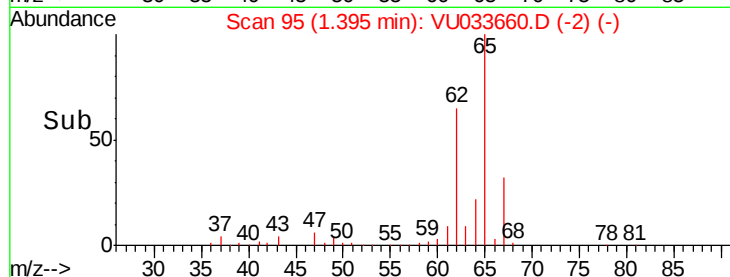
Ion Ratio Lower Upper

62 100

64 34.3 23.6 43.8



Abundance Ion 62.00 (61.70 to 62.70): VU033660.D (-2) (-)



#13

Acetone

Concen: 2.840 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VU033660.D

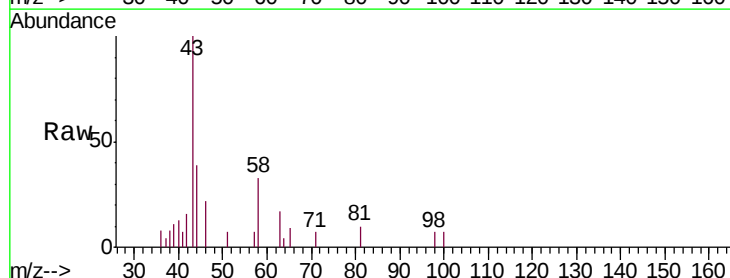
Acq: 08 Aug 2019 23:56

Tgt Ion: 43 Resp: 4741

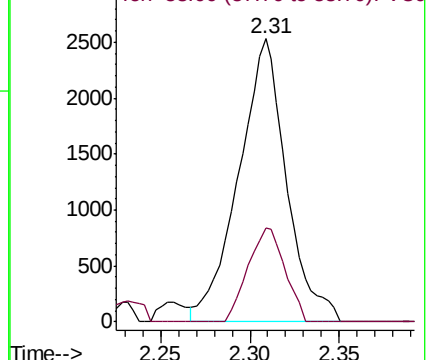
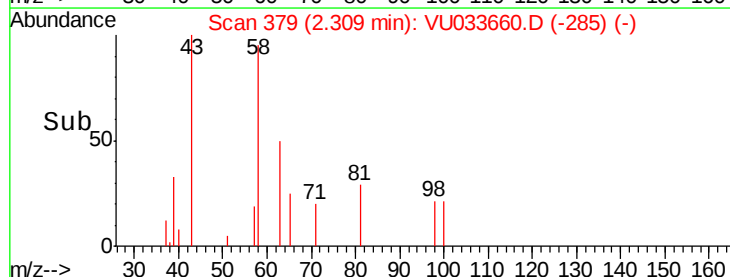
Ion Ratio Lower Upper

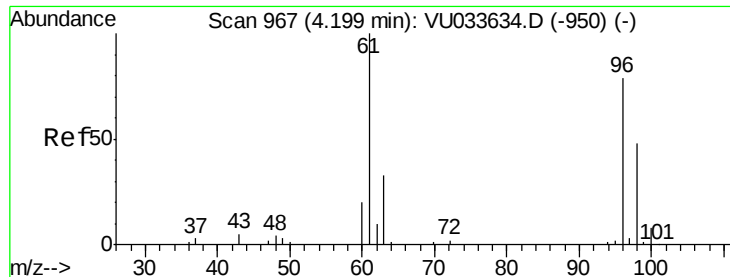
43 100

58 25.6 0.0 65.0



Abundance Ion 43.00 (42.70 to 43.70): VU033660.D (-285) (-)

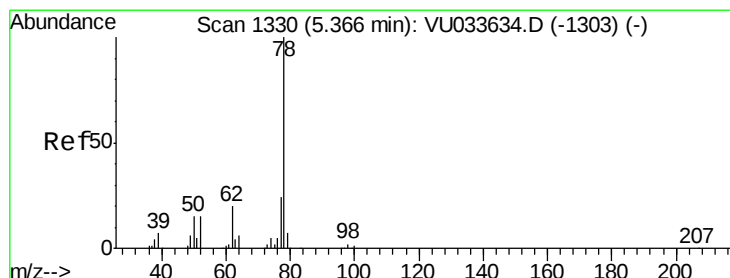
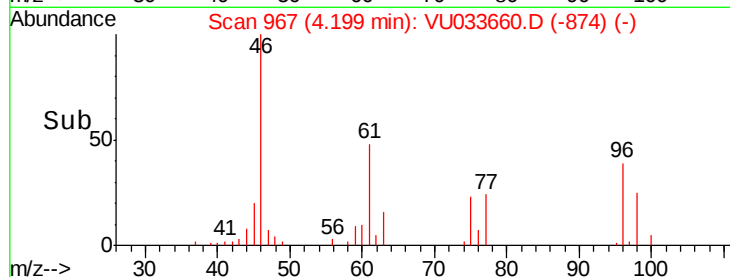
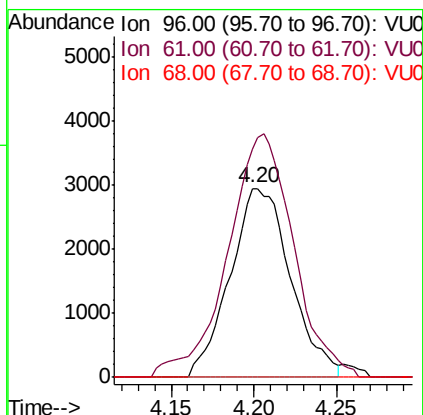
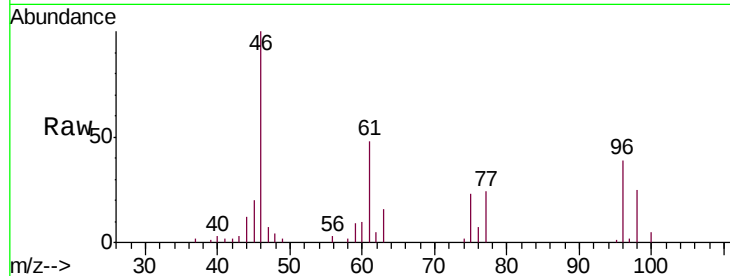




#20
 cis-1,2-Dichloroethene
 Concen: 3.045 ug/L
 RT: 4.20 min Scan# 967
 Delta R.T. -0.00 min
 Lab File: VU033660.D
 Acq: 08 Aug 2019 23:56

Instrument :
 MSVOA_U
 ClientSampleId :
 ETOE6

Tgt Ion: 96 Resp: 7502
 Ion Ratio Lower Upper
 96 100
 61 120.9 93.0 172.8
 68 0.0 0.0 0.0



#33
 Benzene
 Concen: 5.515 ug/L
 RT: 5.37 min Scan# 1331
 Delta R.T. 0.00 min
 Lab File: VU033660.D
 Acq: 08 Aug 2019 23:56

Tgt Ion: 78 Resp: 52621

