

Data File : VU033667.D
Acq On : 09 Aug 2019 03:23
Operator : JC/SP
Sample : K4161-16
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETOFO

Quant Time: Aug 09 09:11:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080819WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 09 09:08:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	293704	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	298828	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	136230	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	140275	42.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.62%
7) Chloroethane-d5	1.67	69	121260	43.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.42%
11) 1,1-Dichloroethene-d2	2.26	63	185564	34.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.24%
21) 2-Butanone-d5	4.15	46	213397	87.88	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.88%
24) Chloroform-d	4.62	84	235269	42.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.64%
26) 1,2-Dichloroethane-d4	5.29	65	155003	43.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.50%
32) Benzene-d6	5.32	84	476361	42.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.50%
36) 1,2-Dichloropropane-d6	6.31	67	154350	43.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.12%
41) Toluene-d8	7.55	98	430093	41.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.50%
43) trans-1,3-Dichloropropene-	7.83	79	68530	39.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.04%
47) 2-Hexanone-d5	8.29	63	151480	85.39	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.39%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	229298	41.37	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.74%
64) 1,2-Dichlorobenzene-d4	11.85	152	169653	45.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.16%

Target Compounds

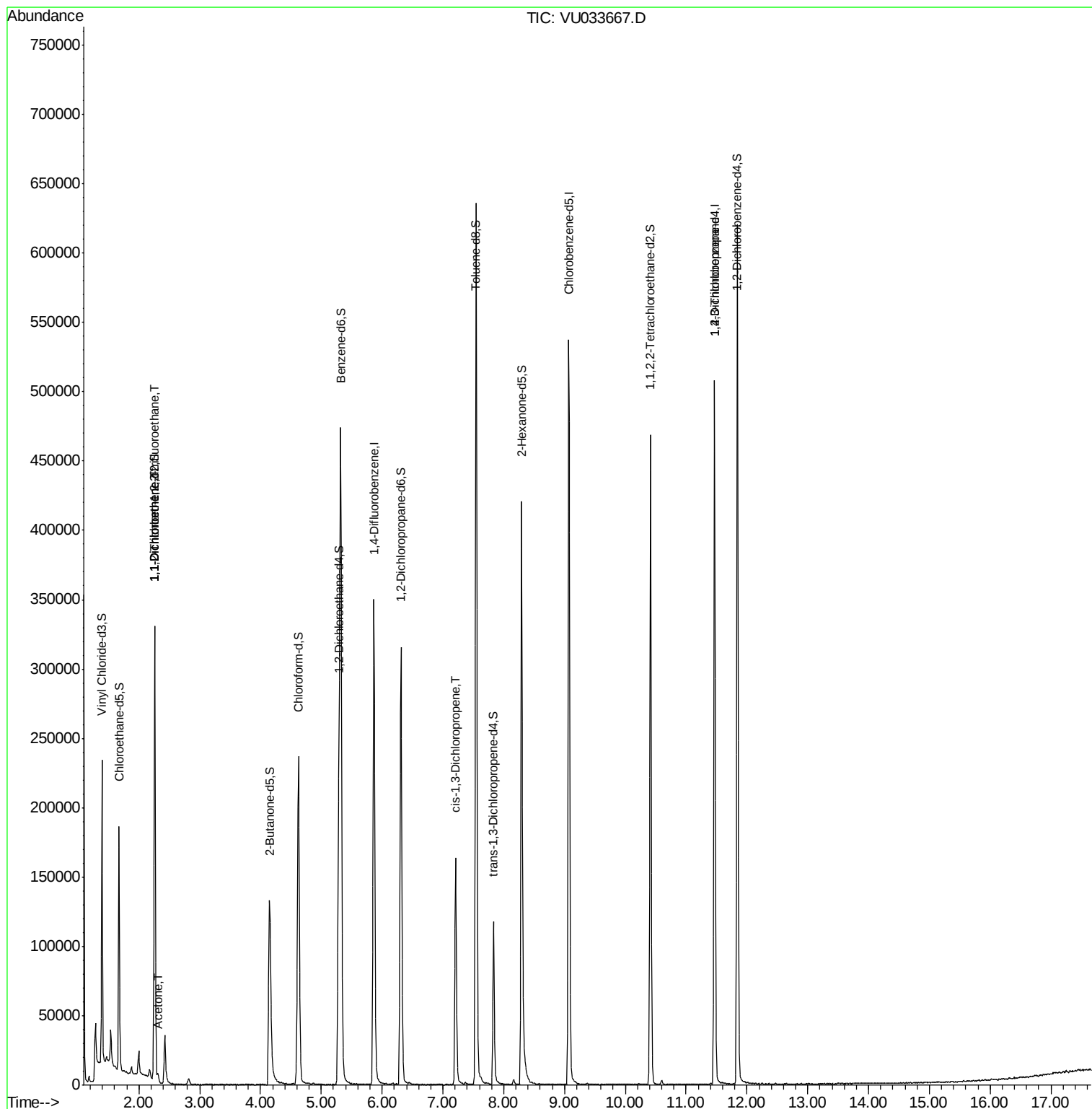
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1688	0.776 ug/L #	19
12) 1,1-Dichloroethene	2.26	96	1641	0.790 ug/L #	1
13) Acetone	2.31	43	5400	3.269 ug/L	100
39) cis-1,3-Dichloropropene	7.21	75	4209	1.109 ug/L #	73
59) 1,2,3-Trichloropropane	11.47	75	15928	4.575 ug/L	92

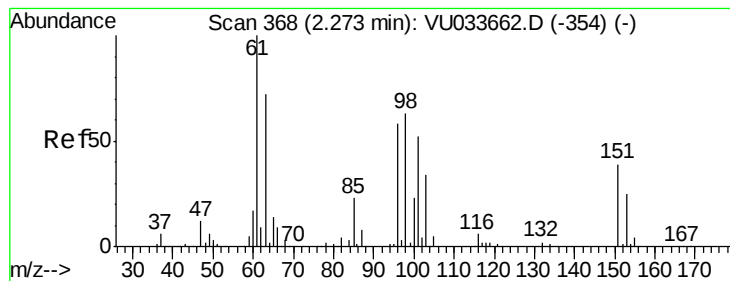
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.776 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.01 min

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ETOFO

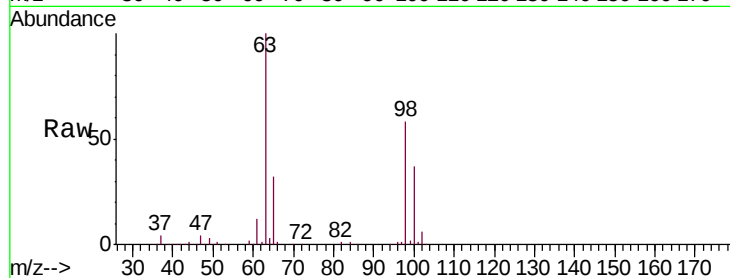
Tgt Ion:101 Resp: 1688

Ion Ratio Lower Upper

101 100

85 0.0 34.8 52.2#

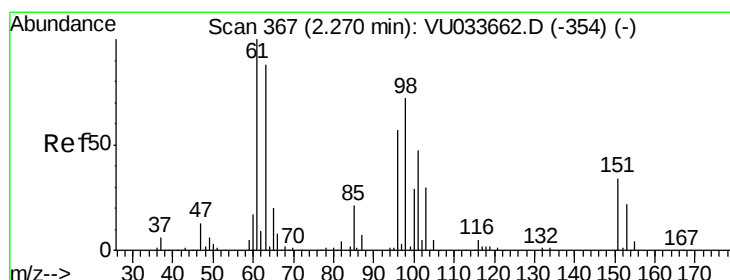
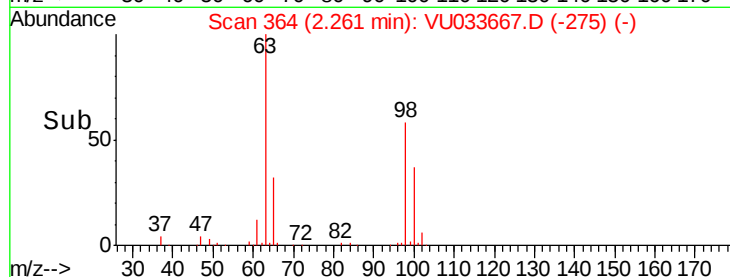
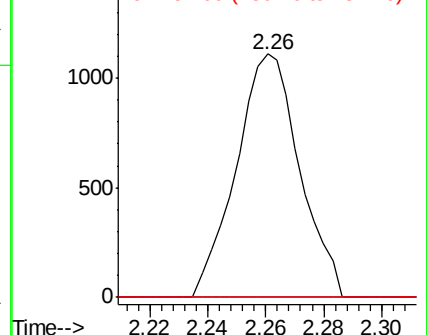
151 0.0 60.4 90.6#



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



#12

1,1-Dichloroethene

Concen: 0.790 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.01 min

Lab File: VU033667.D

Acq: 09 Aug 2019 03:23

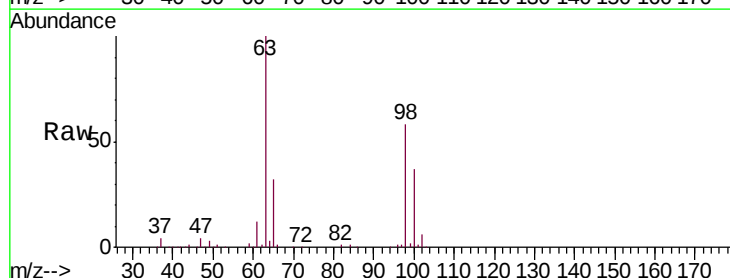
Tgt Ion: 96 Resp: 1641

Ion Ratio Lower Upper

96 100

61 1366.1 124.0 230.2#

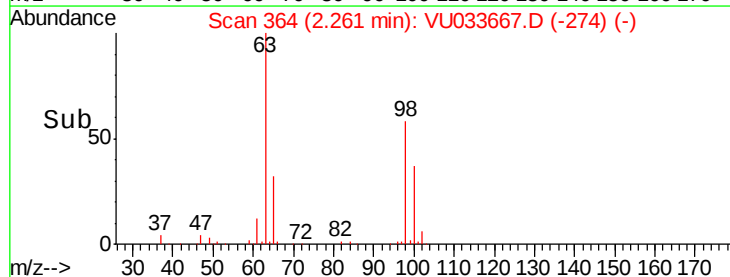
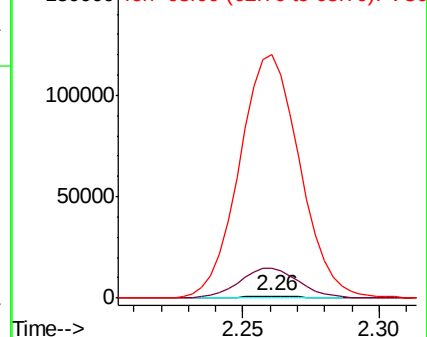
63 11375.8 114.9 213.5#

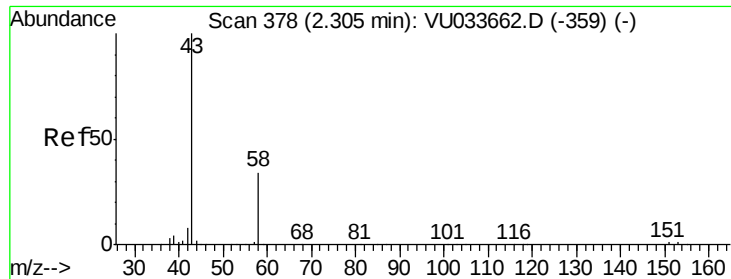


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 3.269 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

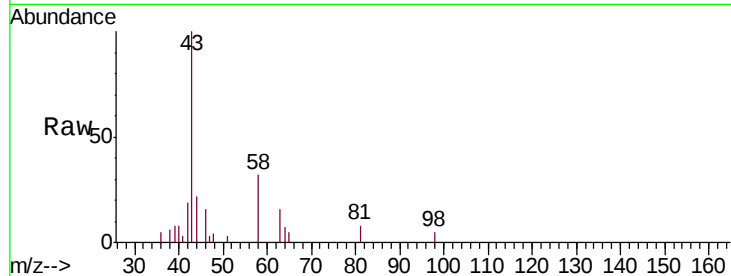
ETOFO

Tgt Ion: 43 Resp: 5400

Ion Ratio Lower Upper

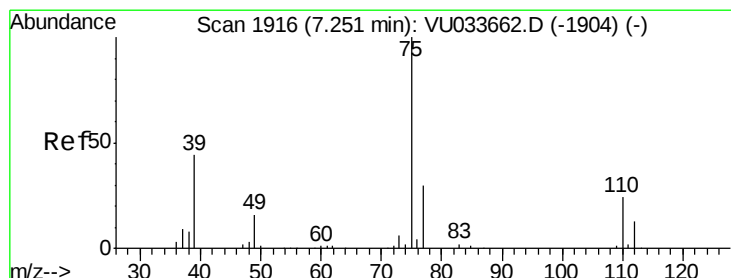
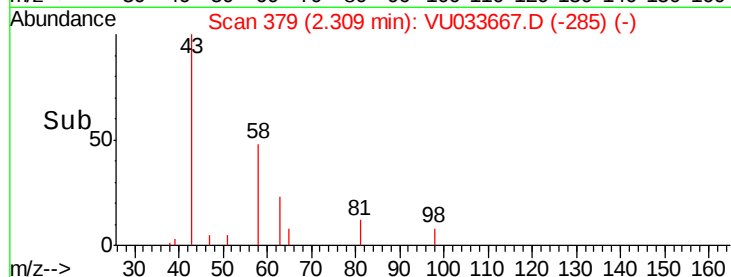
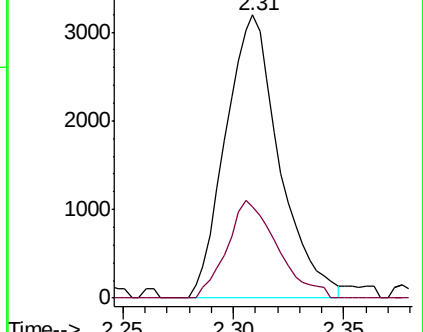
43 100

58 32.3 0.0 65.0



Abundance Ion 43.00 (42.70 to 43.70): VU033667.D (-1823) (-)

Ion 58.00 (57.70 to 58.70): VU033667.D (-1823) (-)



#39

cis-1,3-Dichloropropene

Concen: 1.109 ug/L

RT: 7.21 min Scan# 1903

Delta R.T. -0.04 min

Lab File: VU033667.D

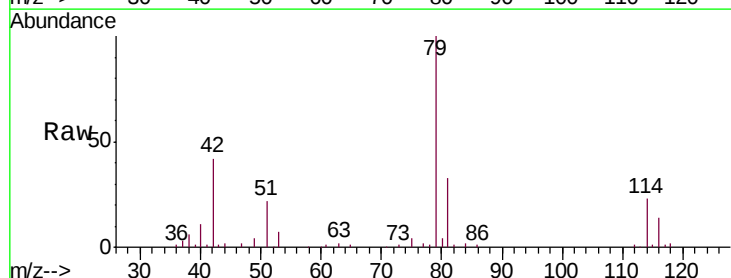
Acq: 09 Aug 2019 03:23

Tgt Ion: 75 Resp: 4209

Ion Ratio Lower Upper

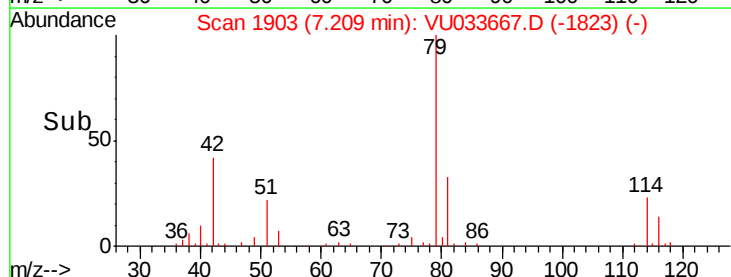
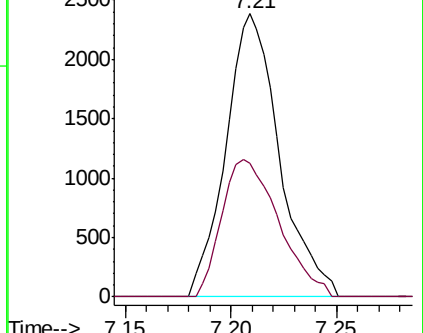
75 100

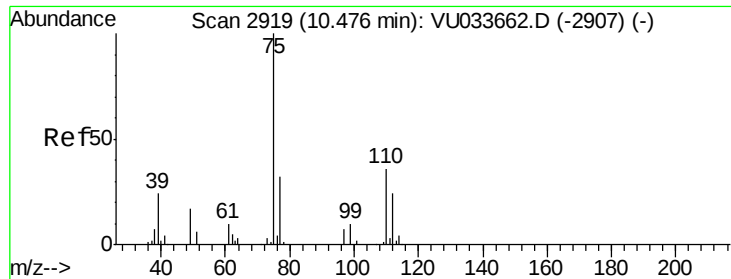
77 47.3 22.5 41.9#



Abundance Ion 75.00 (74.70 to 75.70): VU033667.D (-1823) (-)

Ion 77.00 (76.70 to 77.70): VU033667.D (-1823) (-)





#59
 1,2,3-Trichloropropane
 Concen: 4.575 ug/L
 RT: 11.47 min Scan# 3227
 Delta R.T. 0.99 min
 Lab File: VU033667.D
 Acq: 09 Aug 2019 03:23

Instrument :
 MSVOA_U
 ClientSampleId :
 ETOF0

Tgt Ion: 75 Resp: 15928
 Ion Ratio Lower Upper
 75 100
 77 36.4 25.5 38.3

