

Data File : VU030314.D
Acq On : 22 Mar 2019 17:34
Operator : JC/SP
Sample : K2062-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF1H0

Quant Time: Mar 23 04:39:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 23 04:35:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	515984	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	500448	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	224594	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	128502	36.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.66%
7) Chloroethane-d5	1.68	69	118648	42.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.06%
11) 1,1-Dichloroethene-d2	2.27	63	186040	29.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.46%#
21) 2-Butanone-d5	4.17	46	253398	97.90	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.90%
24) Chloroform-d	4.65	84	280428	43.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	5.31	65	164267	44.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.96%
32) Benzene-d6	5.34	84	577295	43.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.56%
36) 1,2-Dichloropropane-d6	6.33	67	189966	46.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.10%
41) Toluene-d8	7.56	98	508454	41.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.00%
43) trans-1,3-Dichloropropene-	7.85	79	81754	41.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.28%
47) 2-Hexanone-d5	8.31	63	200712	94.85	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.85%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	293334	46.87	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.74%
64) 1,2-Dichlorobenzene-d4	11.86	152	215967	47.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.80%

Target Compounds

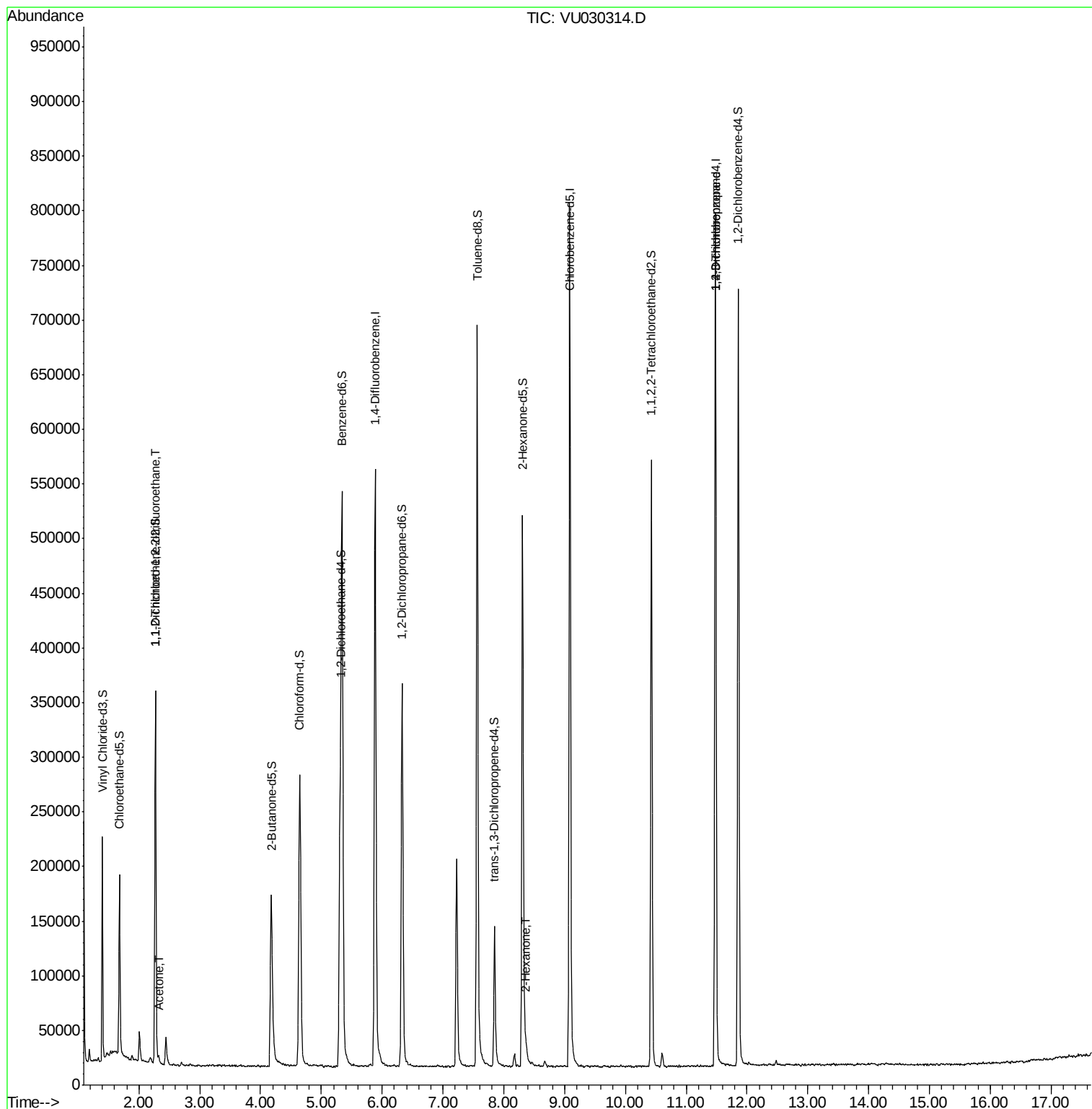
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1999	0.577 ug/L #	19
13) Acetone	2.32	43	6208	2.295 ug/L	98
48) 2-Hexanone	8.37	43	5527	1.310 ug/L #	82
59) 1,2,3-Trichloropropane	11.48	75	24262	4.855 ug/L	99

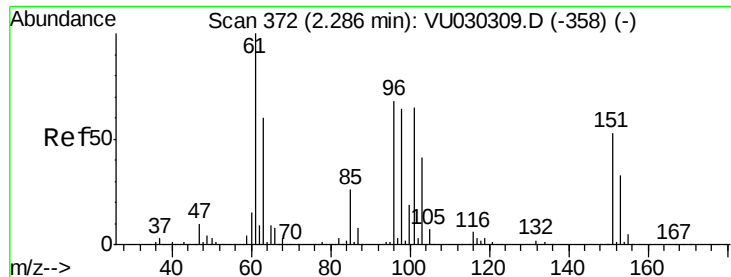
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.577 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

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Instrument :

MSVOA_U

ClientSampleId :

BF1H0

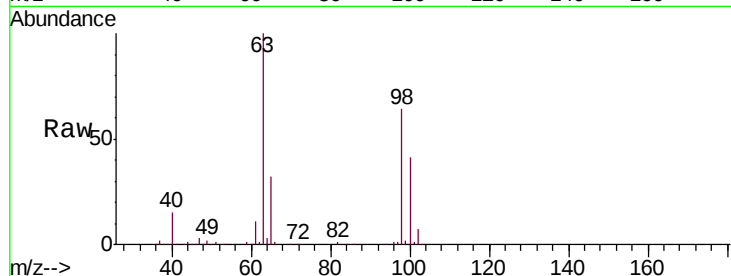
Tgt Ion:101 Resp: 1999

Ion Ratio Lower Upper

101 100

85 2.2 32.5 48.7#

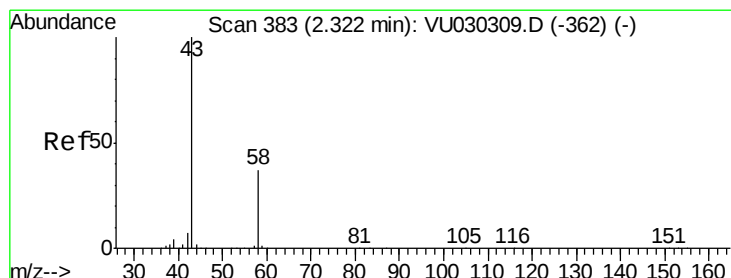
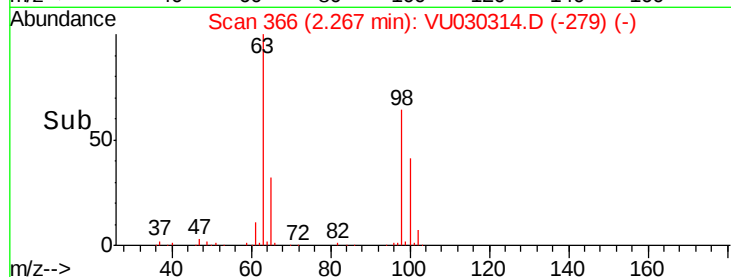
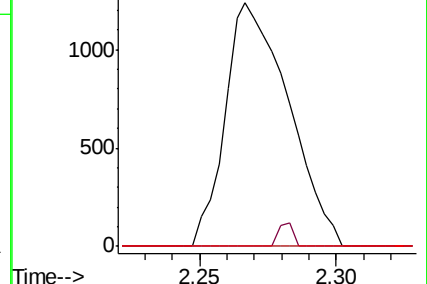
151 0.0 64.7 97.1#



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: 2.295 ug/L

RT: 2.32 min Scan# 384

Delta R.T. 0.00 min

Lab File: VU030314.D

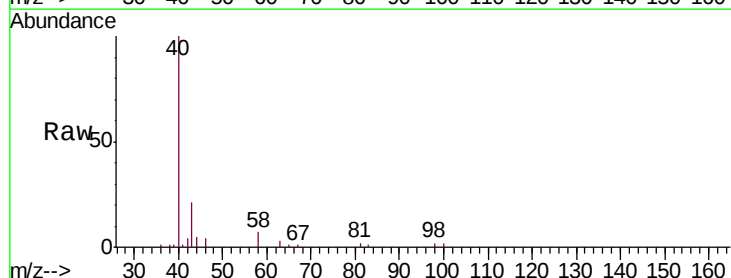
Acq: 22 Mar 2019 17:34

Tgt Ion: 43 Resp: 6208

Ion Ratio Lower Upper

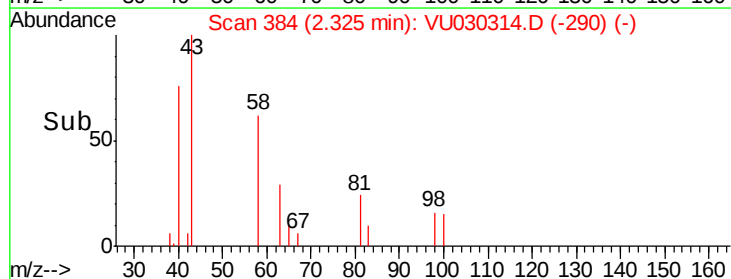
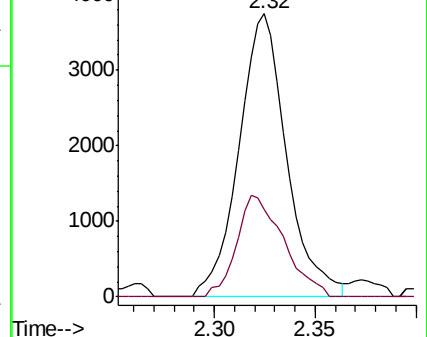
43 100

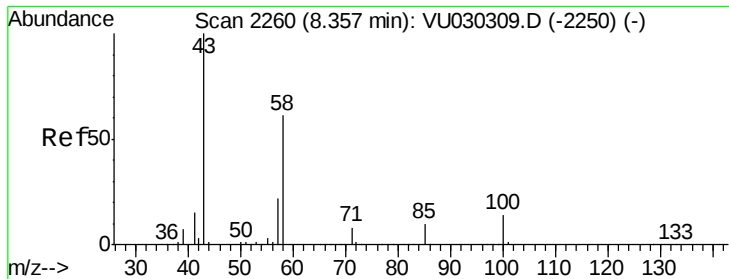
58 35.4 0.0 73.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

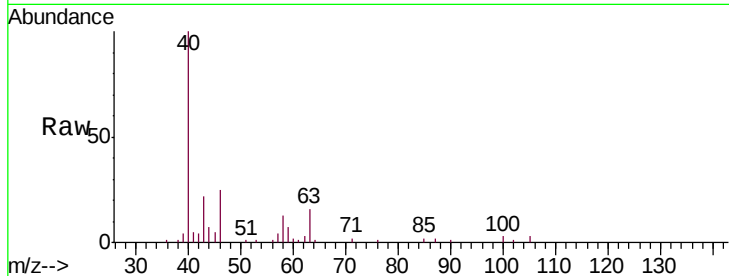




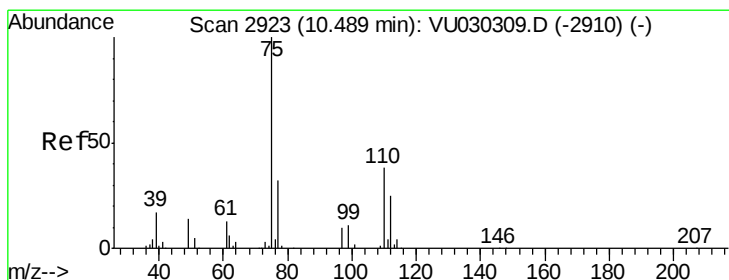
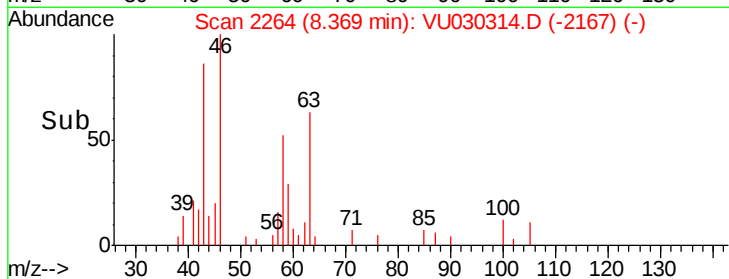
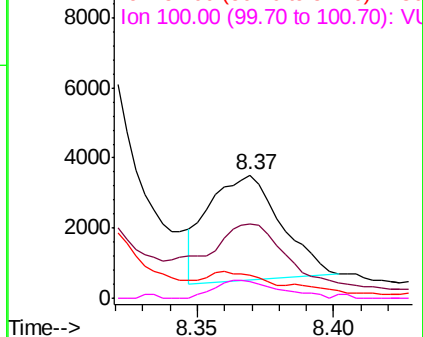
#48
2-Hexanone
Concen: 1.310 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
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Instrument :
MSVOA_U
ClientSampleId :
BF1H0

Tgt Ion: 43 Resp: 5527
Ion Ratio Lower Upper
43 100
58 76.6 49.3 73.9#
57 9.8 17.0 25.4#
100 14.9 11.0 16.4

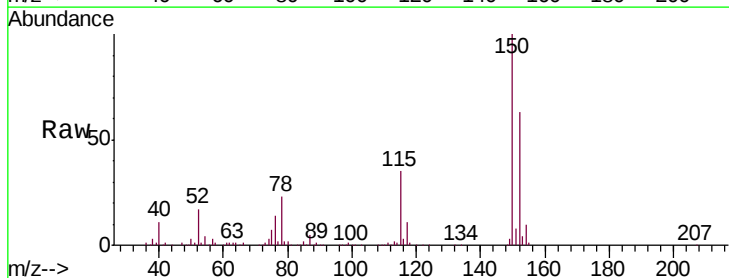


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 57.00 (56.70 to 57.70): VU0
Ion 100.00 (99.70 to 100.70): VU0



#59
1,2,3-Trichloropropane
Concen: 4.855 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU030314.D
Acq: 22 Mar 2019 17:34

Tgt Ion: 75 Resp: 24262
Ion Ratio Lower Upper
75 100
77 31.8 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0

