

Data File : VU030231.D
Acq On : 20 Mar 2019 18:38
Operator : JC/SP
Sample : K2022-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0992

Quant Time: Mar 22 01:31:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 22 01:27:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	523453	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	512160	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	236203	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	149562	42.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.50%
7) Chloroethane-d5	1.68	69	130102	45.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.94%
11) 1,1-Dichloroethene-d2	2.27	63	211095	32.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.38%
21) 2-Butanone-d5	4.17	46	265717	101.19	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.19%
24) Chloroform-d	4.65	84	298692	45.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.96%
26) 1,2-Dichloroethane-d4	5.31	65	178540	48.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.38%
32) Benzene-d6	5.34	84	637181	47.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.42%
36) 1,2-Dichloropropane-d6	6.33	67	203453	48.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.44%
41) Toluene-d8	7.56	98	570043	44.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.84%
43) trans-1,3-Dichloropropene-	7.85	79	90704	44.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.22%
47) 2-Hexanone-d5	8.31	63	215965	99.73	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.73%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	306938	47.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.84%
64) 1,2-Dichlorobenzene-d4	11.86	152	235836	49.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.46%

Target Compounds

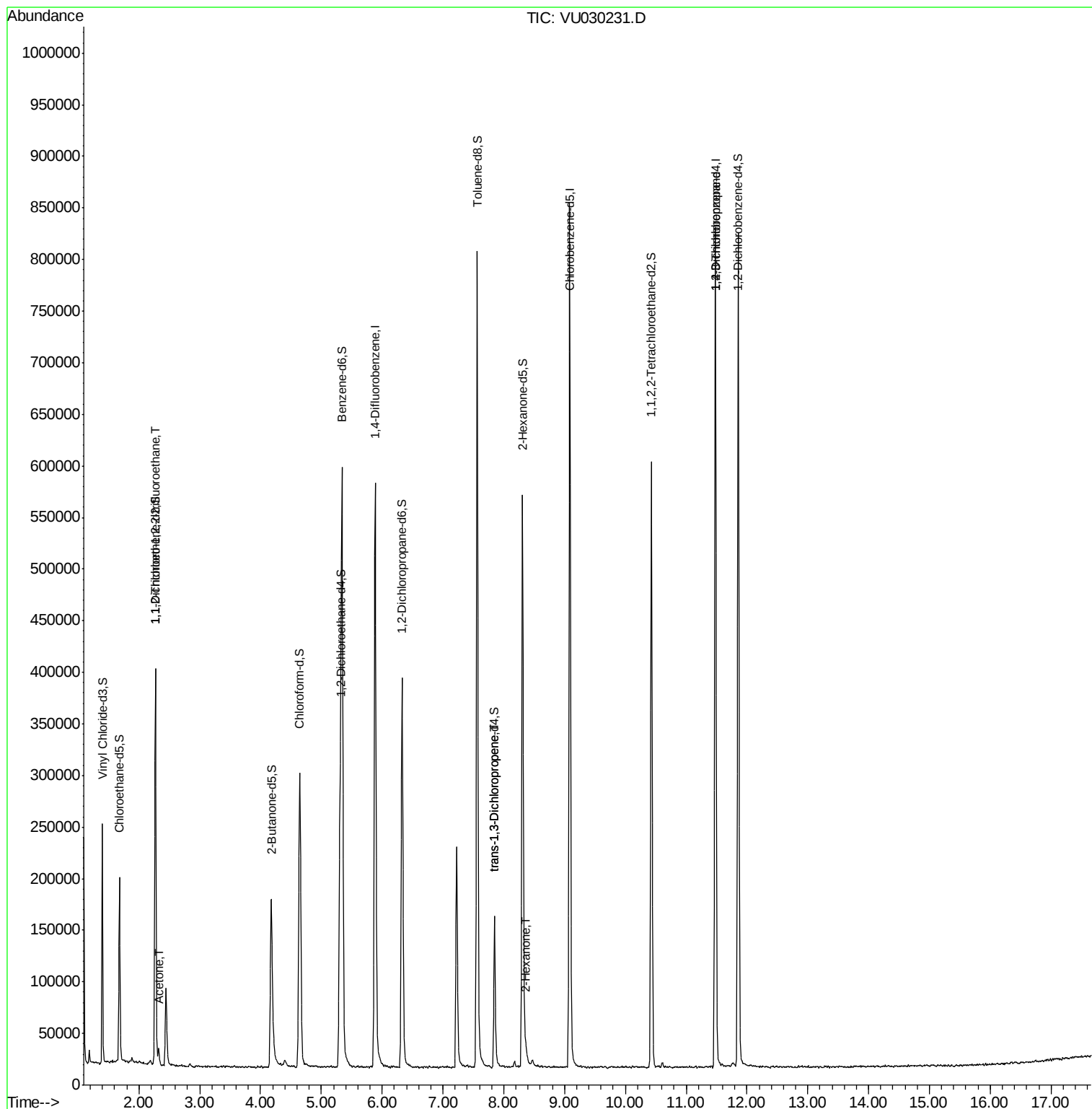
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2279	0.648 ug/L #	19
13) Acetone	2.32	43	14391	5.245 ug/L	97
44) trans-1,3-Dichloropropene	7.85	75	3535	0.673 ug/L #	74
48) 2-Hexanone	8.36	43	4269	0.989 ug/L #	90
59) 1,2,3-Trichloropropane	11.48	75	25051	4.898 ug/L	97

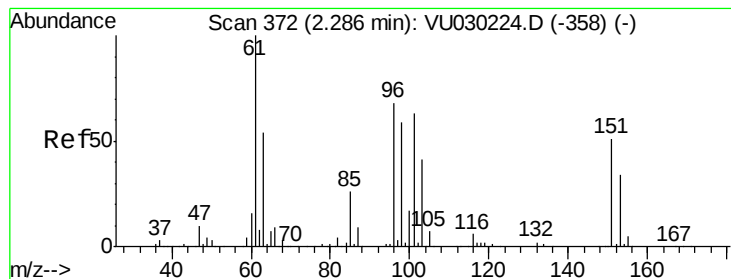
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.648 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

ClientSampled :

C0992

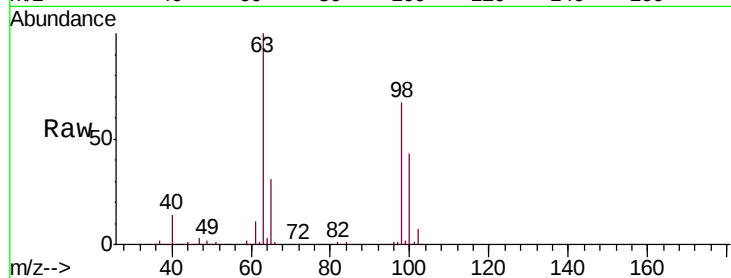
Tgt Ion:101 Resp: 2279

Ion Ratio Lower Upper

101 100

85 2.7 32.5 48.7#

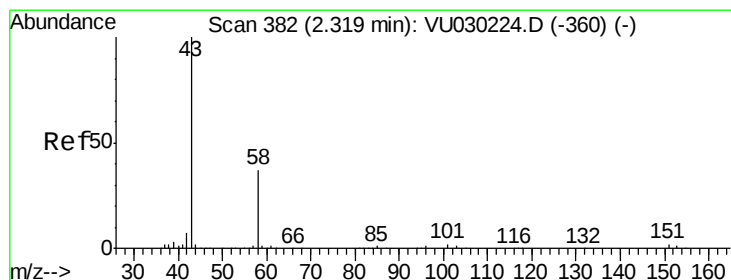
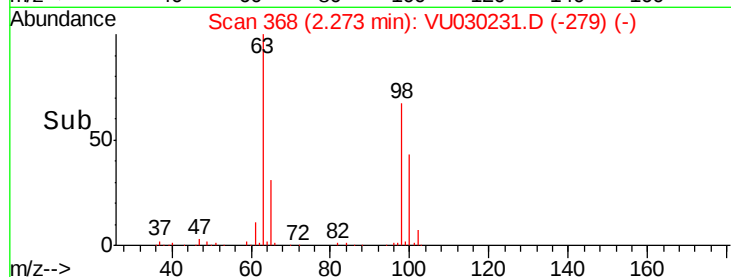
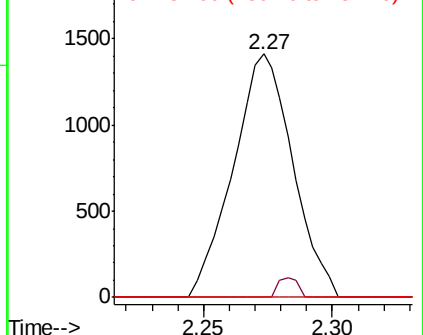
151 0.0 64.7 97.1#



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: 5.245 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

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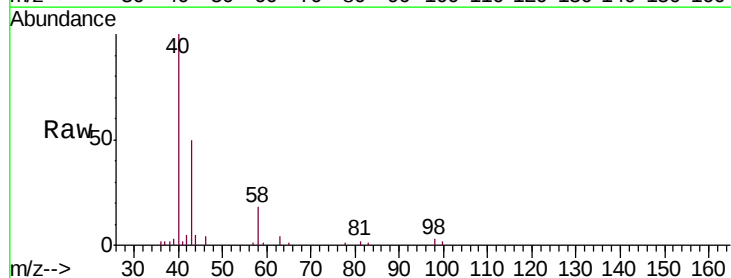
Acq: 20 Mar 2019 18:38

Tgt Ion: 43 Resp: 14391

Ion Ratio Lower Upper

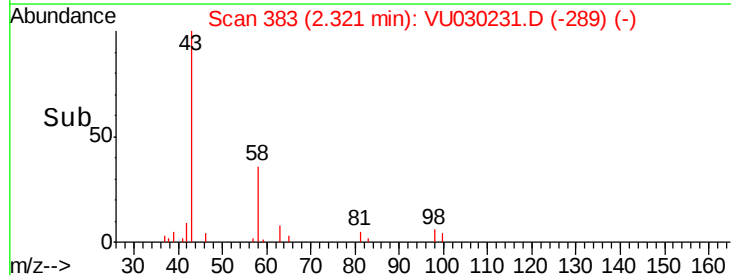
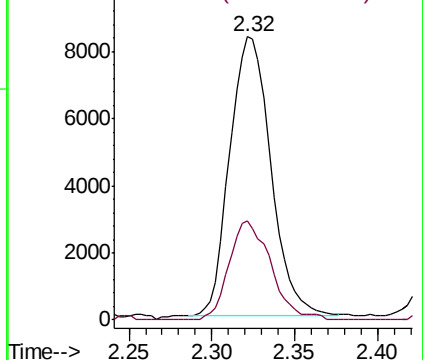
43 100

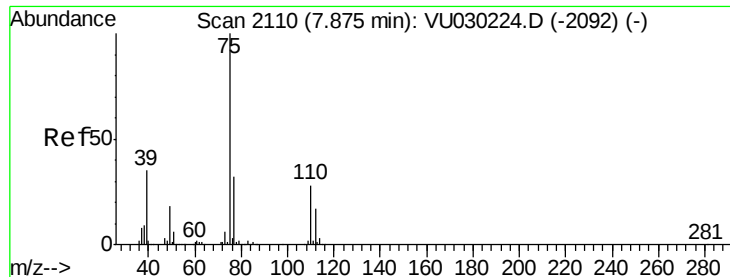
58 35.2 0.0 73.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

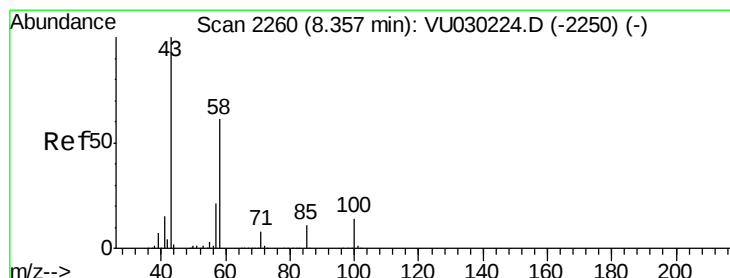
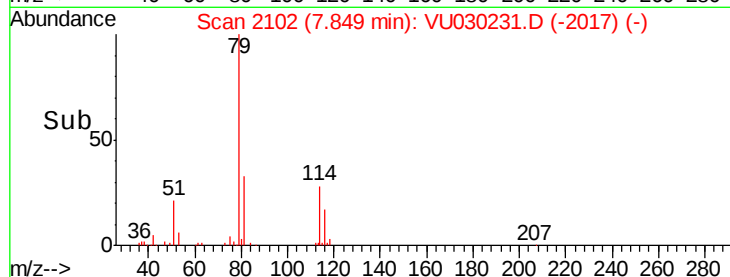
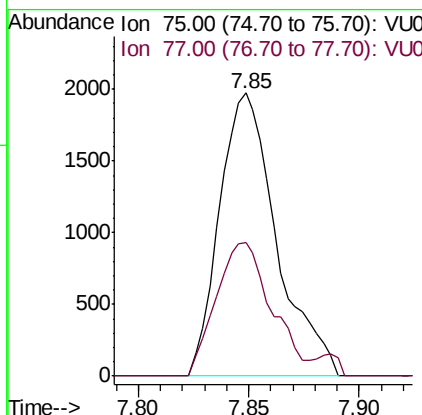
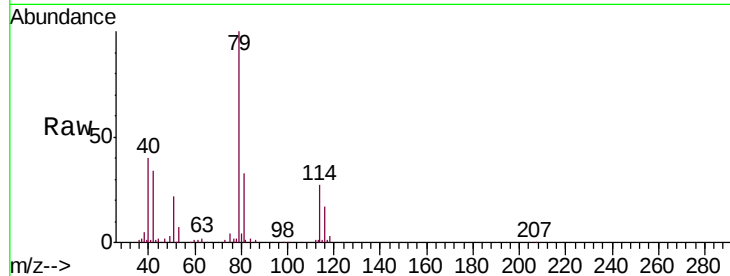




#44
trans-1,3-Dichloropropene
Concen: 0.673 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
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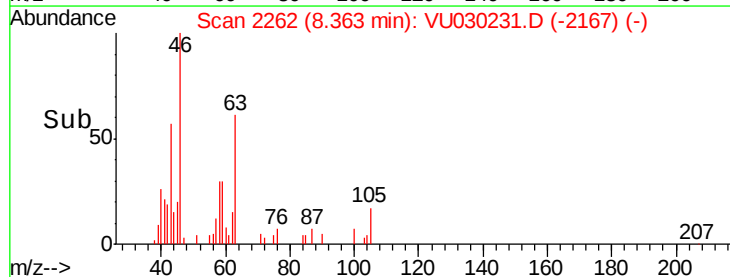
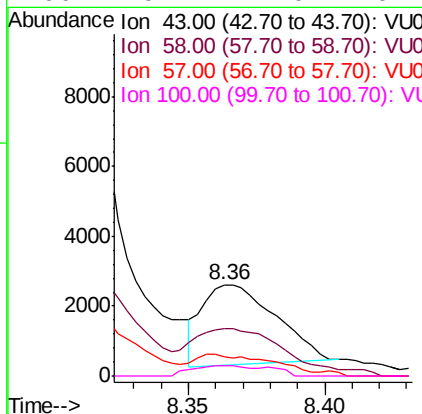
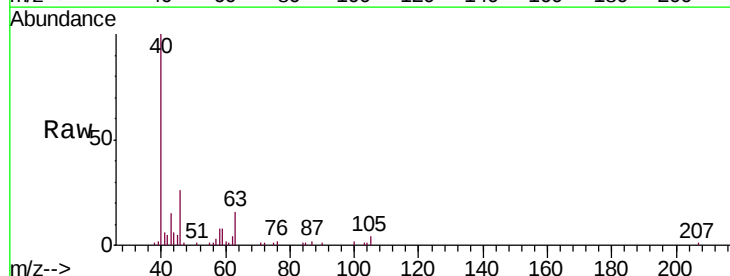
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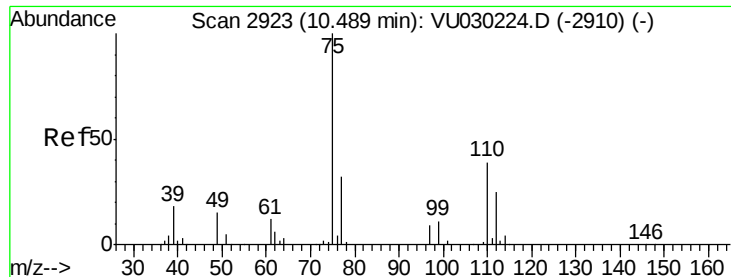
Tgt Ion: 75 Resp: 3535
Ion Ratio Lower Upper
75 100
77 47.2 22.7 42.1#



#48
2-Hexanone
Concen: 0.989 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.01 min
Lab File: VU030231.D
Acq: 20 Mar 2019 18:38

Tgt Ion: 43 Resp: 4269
Ion Ratio Lower Upper
43 100
58 63.2 49.3 73.9
57 5.3 17.0 25.4#
100 9.7 11.0 16.4#





#59

1,2,3-Trichloropropane

Concen: 4.898 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU030231.D

Acq: 20 Mar 2019 18:38

Instrument :

MSVOA_U

ClientSampleId :

C0992

Tgt Ion: 75 Resp: 25051

Ion Ratio Lower Upper

75 100

77 33.8 25.8 38.8

