

Data File : VU030123.D
Acq On : 15 Mar 2019 20:02
Operator : JC/SP
Sample : K1917-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C09G2

Quant Time: Mar 16 00:56:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 16 00:52:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	517735	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	492740	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	230430	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	123380	36.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.06%
7) Chloroethane-d5	1.68	69	111997	40.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.02%
11) 1,1-Dichloroethene-d2	2.27	63	180509	29.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.40%#
21) 2-Butanone-d5	4.18	46	253701	98.88	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.88%
24) Chloroform-d	4.65	84	274026	44.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.22%
26) 1,2-Dichloroethane-d4	5.31	65	167235	47.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.24%
32) Benzene-d6	5.34	84	578771	45.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.26%
36) 1,2-Dichloropropane-d6	6.33	67	187078	48.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.38%
41) Toluene-d8	7.56	98	520954	43.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.72%
43) trans-1,3-Dichloropropene-	7.85	79	74265	39.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.98%
47) 2-Hexanone-d5	8.31	63	206141	94.90	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.90%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	285363	47.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.68%
64) 1,2-Dichlorobenzene-d4	11.86	152	220693	49.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.88%

Target Compounds

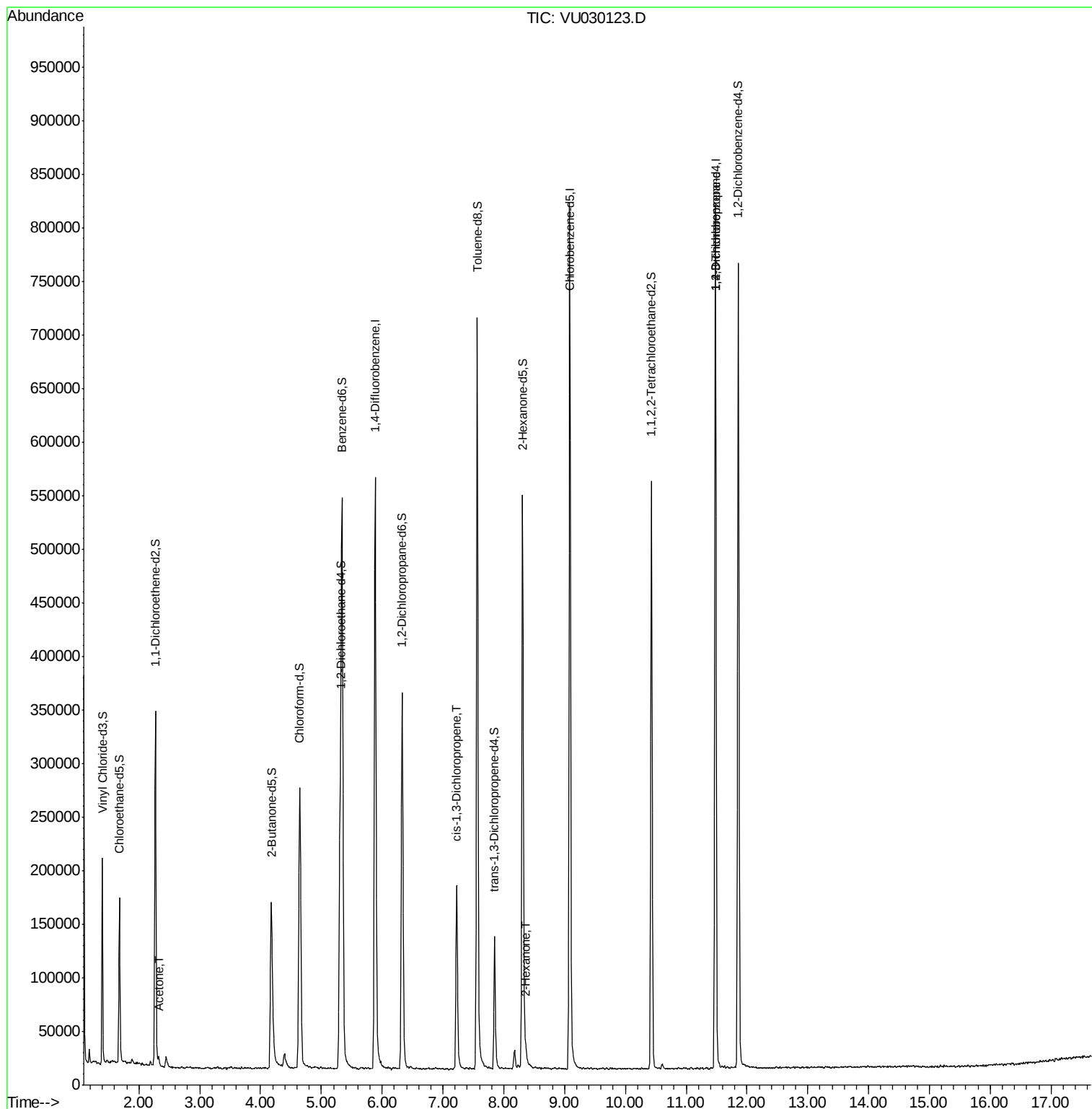
					Qvalue
13) Acetone	2.32	43	8181	2.727 ug/L	98
39) cis-1,3-Dichloropropene	7.23	75	4215	0.730 ug/L #	51
48) 2-Hexanone	8.37	43	5409	1.266 ug/L #	45
59) 1,2,3-Trichloropropane	11.48	75	24267	5.024 ug/L	97

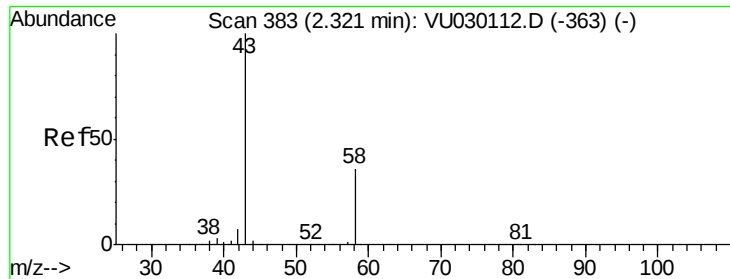
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.727 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

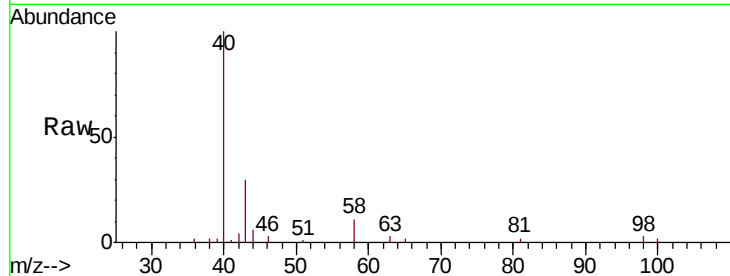
C09G2

Tgt Ion: 43 Resp: 8181

Ion Ratio Lower Upper

43 100

58 35.2 0.0 73.0



Abundance Ion 43.00 (42.70 to 43.70): VU030112.D (-363) (-)

Ion 58.00 (57.70 to 58.70): VU030112.D (-363) (-)

2.32

4000

3000

2000

1000

0

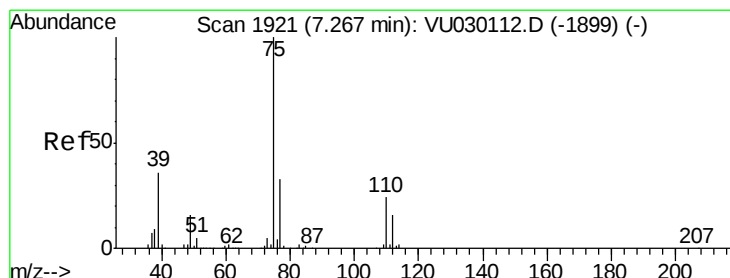
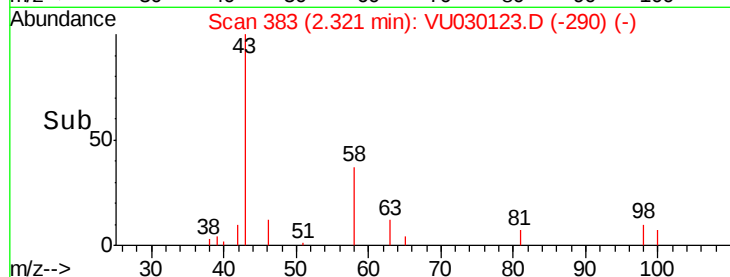
2.25

2.30

2.35

2.40

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.730 ug/L

RT: 7.23 min Scan# 1909

Delta R.T. -0.04 min

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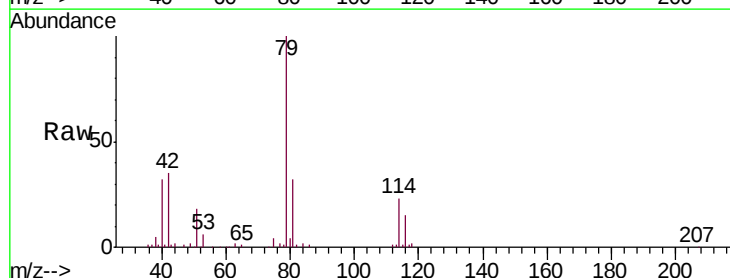
Acq: 15 Mar 2019 20:02

Tgt Ion: 75 Resp: 4215

Ion Ratio Lower Upper

75 100

77 58.7 22.2 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VU030112.D (-1899) (-)

Ion 77.00 (76.70 to 77.70): VU030112.D (-1899) (-)

7.23

2500

2000

1500

1000

500

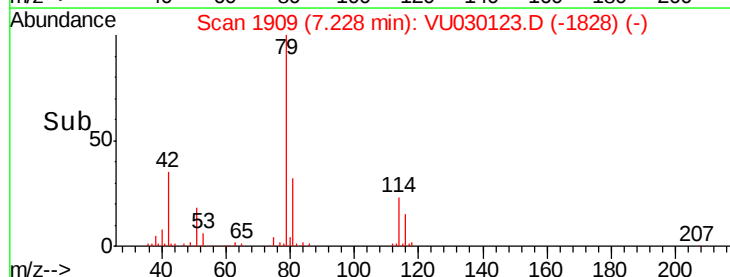
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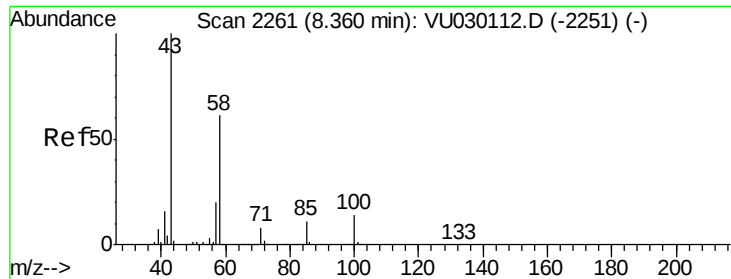
7.20

7.25

7.30

Time-->

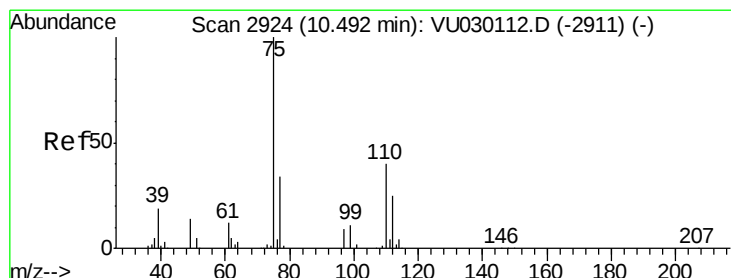
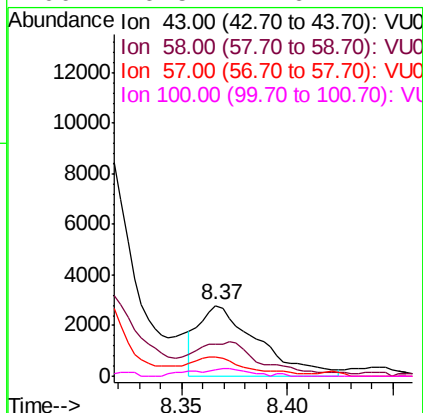
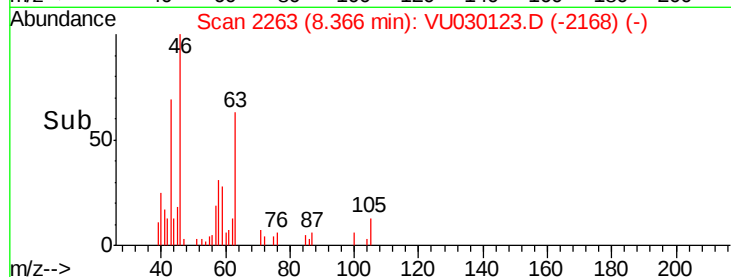
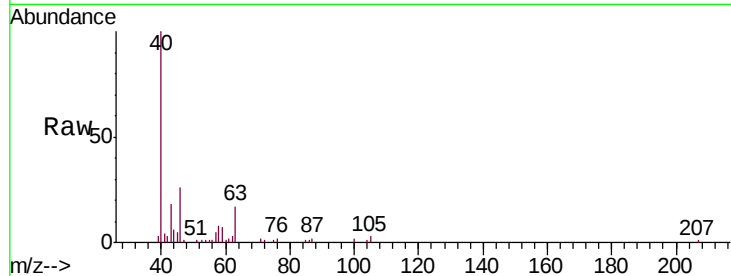




#48
2-Hexanone
Concen: 1.266 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.01 min
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Tgt Ion: 43 Resp: 5409
Ion Ratio Lower Upper
43 100
58 0.0 48.6 72.8#
57 16.8 16.1 24.1
100 6.5 11.6 17.4#



#59
1,2,3-Trichloropropane
Concen: 5.024 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU030123.D
Acq: 15 Mar 2019 20:02

Tgt Ion: 75 Resp: 24267
Ion Ratio Lower Upper
75 100
77 34.0 25.8 38.8

