

Data File : VU030095.D
Acq On : 14 Mar 2019 23:27
Operator : JC/SP
Sample : K1918-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C09H3

Quant Time: Mar 15 02:50:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 15 02:44:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	497247	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	482680	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	227616	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	108792	33.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.16%
7) Chloroethane-d5	1.68	69	101258	38.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.28%
11) 1,1-Dichloroethene-d2	2.27	63	165776	27.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.84%#
21) 2-Butanone-d5	4.17	46	230746	93.64	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.64%
24) Chloroform-d	4.65	84	253848	43.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.06%
26) 1,2-Dichloroethane-d4	5.31	65	156429	45.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.78%
32) Benzene-d6	5.34	84	537473	43.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.52%
36) 1,2-Dichloropropane-d6	6.33	67	173986	45.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.50%
41) Toluene-d8	7.56	98	487145	41.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.74%
43) trans-1,3-Dichloropropene-	7.85	79	75754	41.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.26%
47) 2-Hexanone-d5	8.31	63	193296	90.85	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.85%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	267810	45.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.66%
64) 1,2-Dichlorobenzene-d4	11.86	152	210419	47.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.44%

Target Compounds

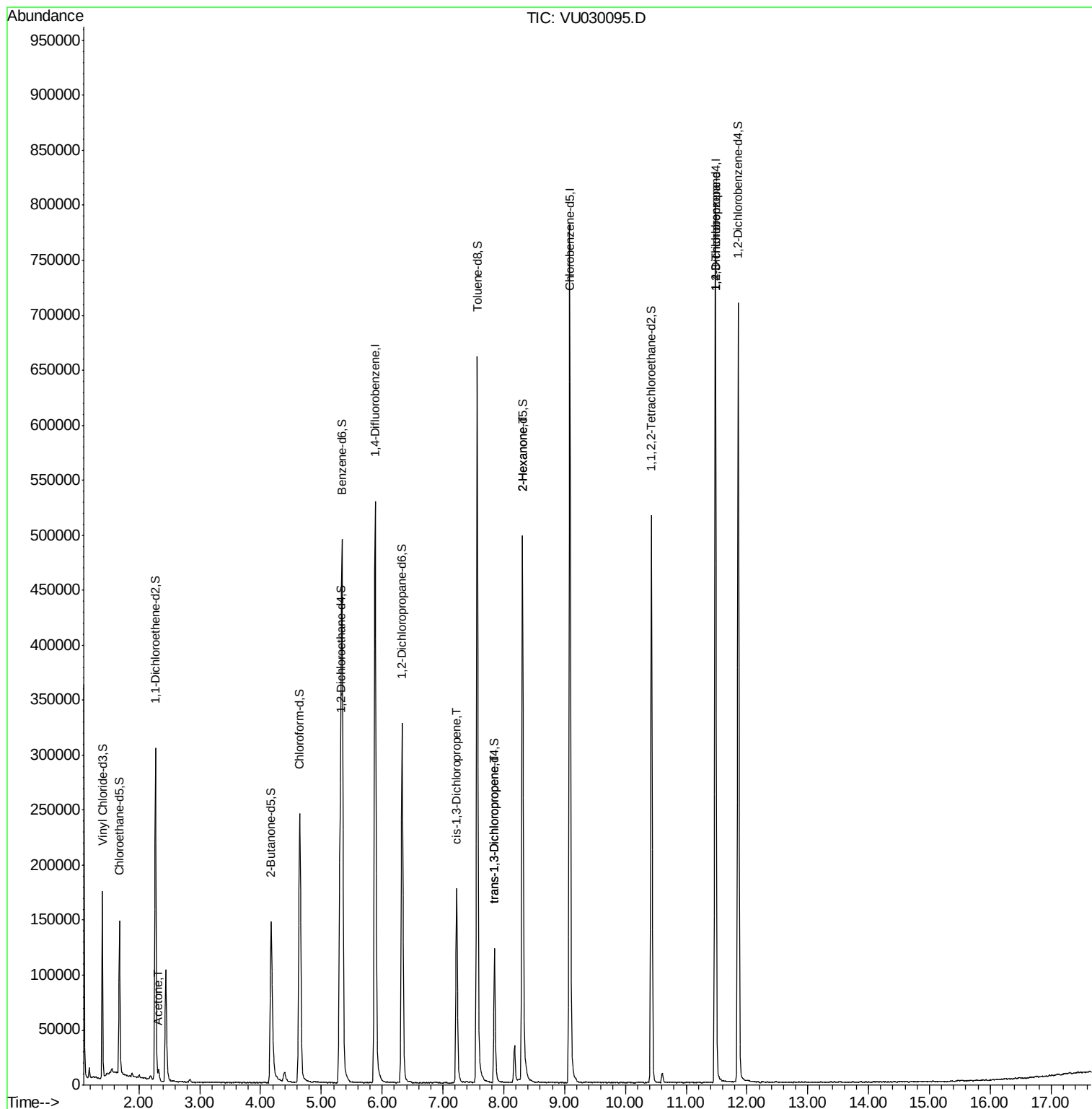
					Qvalue
13) Acetone	2.32	43	8511	2.954 ug/L	98
39) cis-1,3-Dichloropropene	7.23	75	4071	0.720 ug/L #	59
44) trans-1,3-Dichloropropene	7.85	75	3077	0.596 ug/L	89
48) 2-Hexanone	8.31	43	18556	4.434 ug/L #	64
59) 1,2,3-Trichloropropane	11.48	75	23189	4.901 ug/L	96

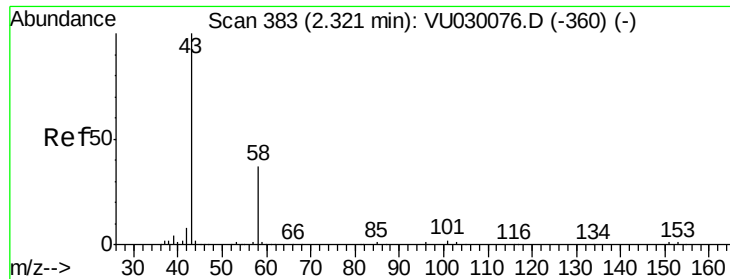
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.954 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.00 min

Lab File: VU030095.D

Acq: 14 Mar 2019 23:27

Instrument :

MSVOA_U

ClientSampleId :

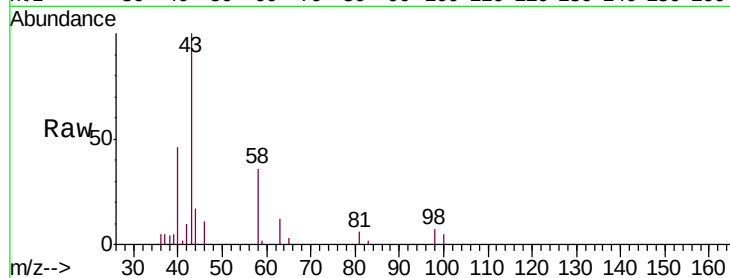
C09H3

Tgt Ion: 43 Resp: 8511

Ion Ratio Lower Upper

43 100

58 35.1 0.0 73.0



Abundance Ion 43.00 (42.70 to 43.70): VU030076.D (-360) (-)

Ion 58.00 (57.70 to 58.70): VU030076.D (-360) (-)

2.32

5000

4000

3000

2000

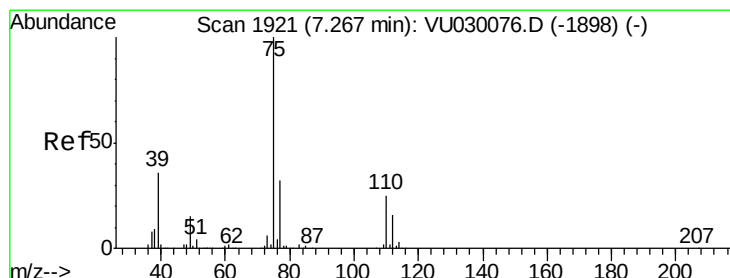
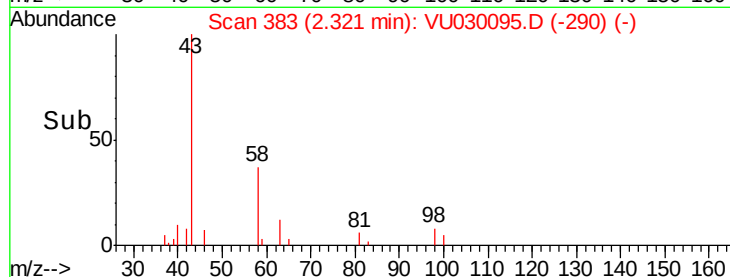
1000

0

Time-->

2.30

2.35



#39

cis-1,3-Dichloropropene

Concen: 0.720 ug/L

RT: 7.23 min Scan# 1909

Delta R.T. -0.04 min

Lab File: VU030095.D

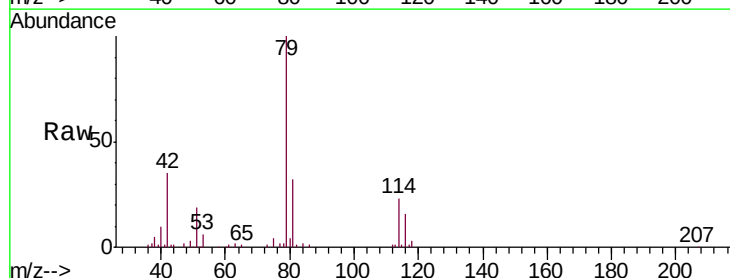
Acq: 14 Mar 2019 23:27

Tgt Ion: 75 Resp: 4071

Ion Ratio Lower Upper

75 100

77 54.4 22.2 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VU030076.D (-1898) (-)

Ion 77.00 (76.70 to 77.70): VU030076.D (-1898) (-)

7.23

2500

2000

1500

1000

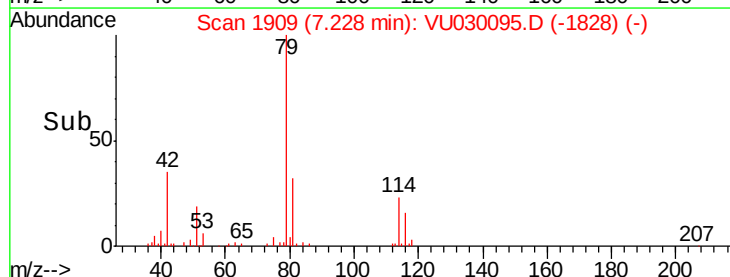
500

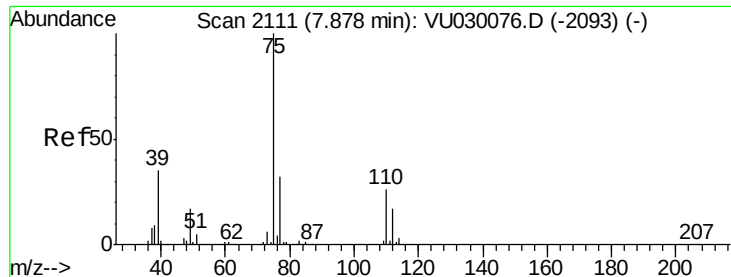
0

Time-->

7.20

7.25





#44

trans-1,3-Dichloropropene

Concen: 0.596 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU030095.D

Acq: 14 Mar 2019 23:27

Instrument :

MSVOA_U

ClientSampleId :

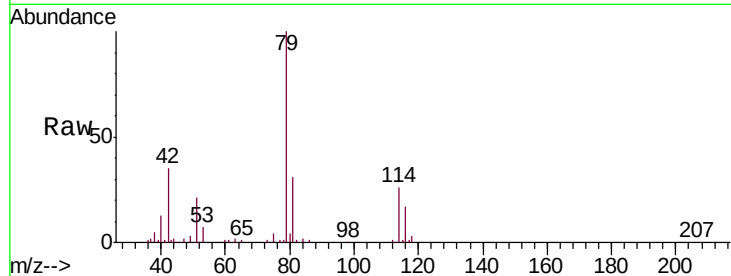
C09H3

Tgt Ion: 75 Resp: 3077

Ion Ratio Lower Upper

75 100

77 37.5 21.9 40.7



Abundance Ion 75.00 (74.70 to 75.70): VU030076.D (-2093) (-)

Ion 77.00 (76.70 to 77.70): VU030076.D (-2093) (-)

7.85

1500

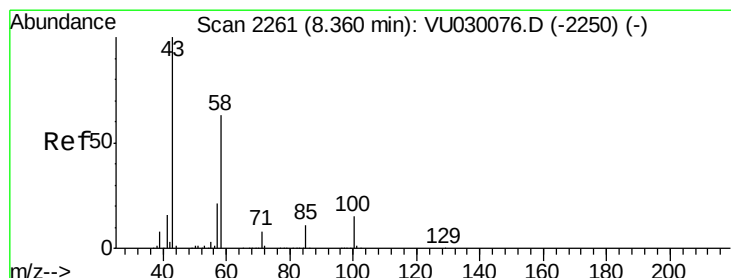
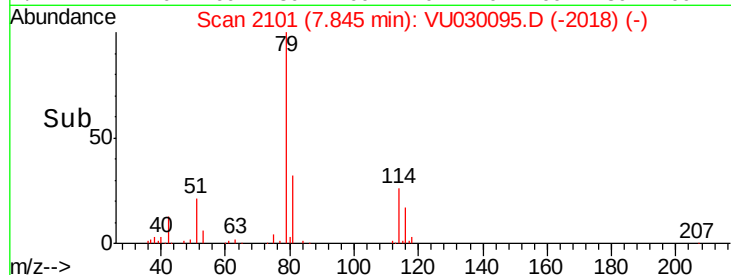
1000

500

0

7.80 7.85 7.90

Time-->



#48

2-Hexanone

Concen: 4.434 ug/L

RT: 8.31 min Scan# 2245

Delta R.T. -0.05 min

Lab File: VU030095.D

Acq: 14 Mar 2019 23:27

Tgt Ion: 43 Resp: 18556

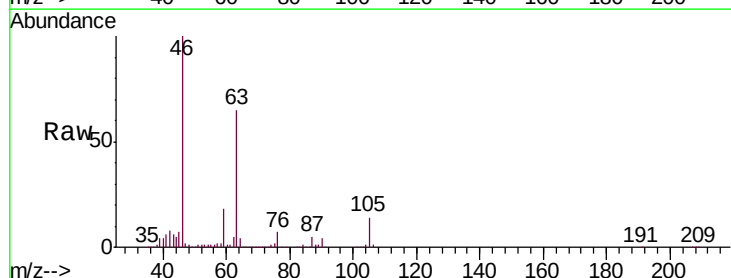
Ion Ratio Lower Upper

43 100

58 28.2 48.6 72.8#

57 28.4 16.1 24.1#

100 0.2 11.6 17.4#



Abundance Ion 43.00 (42.70 to 43.70): VU030076.D (-2250) (-)

Ion 58.00 (57.70 to 58.70): VU030076.D (-2250) (-)

Ion 57.00 (56.70 to 57.70): VU030076.D (-2250) (-)

Ion 100.00 (99.70 to 100.70): VU030076.D (-2250) (-)

15000

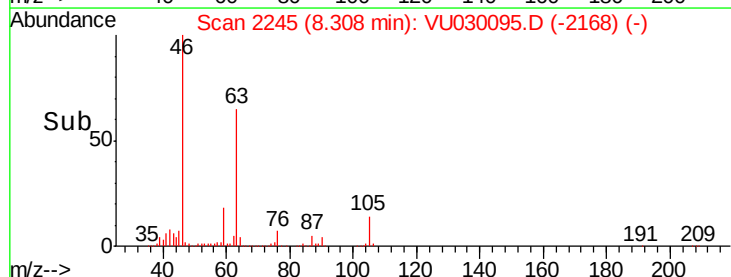
10000

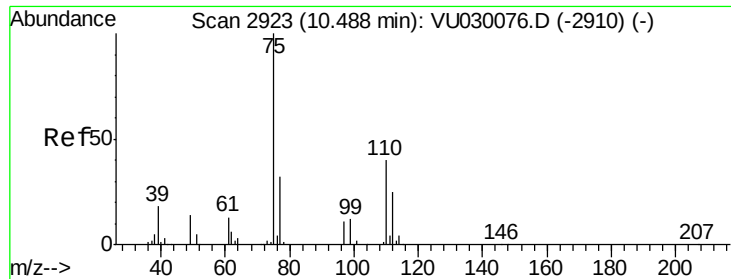
5000

0

8.25 8.30 8.35

Time-->





#59

1,2,3-Trichloropropane

Concen: 4.901 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030095.D

Acq: 14 Mar 2019 23:27

Instrument :

MSVOA_U

ClientSampleId :

C09H3

Tgt Ion: 75 Resp: 23189

Ion Ratio Lower Upper

75 100

77 34.5 25.8 38.8

