

Data File : VU031923.D
Acq On : 11 May 2019 12:05
Operator : JC/SP
Sample : K2814-02 20X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A4247

Quant Time: May 13 01:57:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Mon May 13 01:54:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1026014	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1039961	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	413682	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	327992	38.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.40%
7) Chloroethane-d5	1.80	69	153	0.02	ug/L	0.14
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.04%#
11) 1,1-Dichloroethene-d2	2.27	63	478154	27.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.92%#
21) 2-Butanone-d5	4.18	46	709577	91.20	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.20%
24) Chloroform-d	4.65	84	635408	40.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.80%
26) 1,2-Dichloroethane-d4	5.31	65	454561	44.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.48%
32) Benzene-d6	5.33	84	1373607	43.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.02%
36) 1,2-Dichloropropane-d6	6.32	67	477416	42.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.98%
41) Toluene-d8	7.56	98	1142174	41.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.12%
43) trans-1,3-Dichloropropene-	7.85	79	196299	40.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.40%
47) 2-Hexanone-d5	8.31	63	510164	104.91	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.91%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	752370	49.90	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	424925	48.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.68%

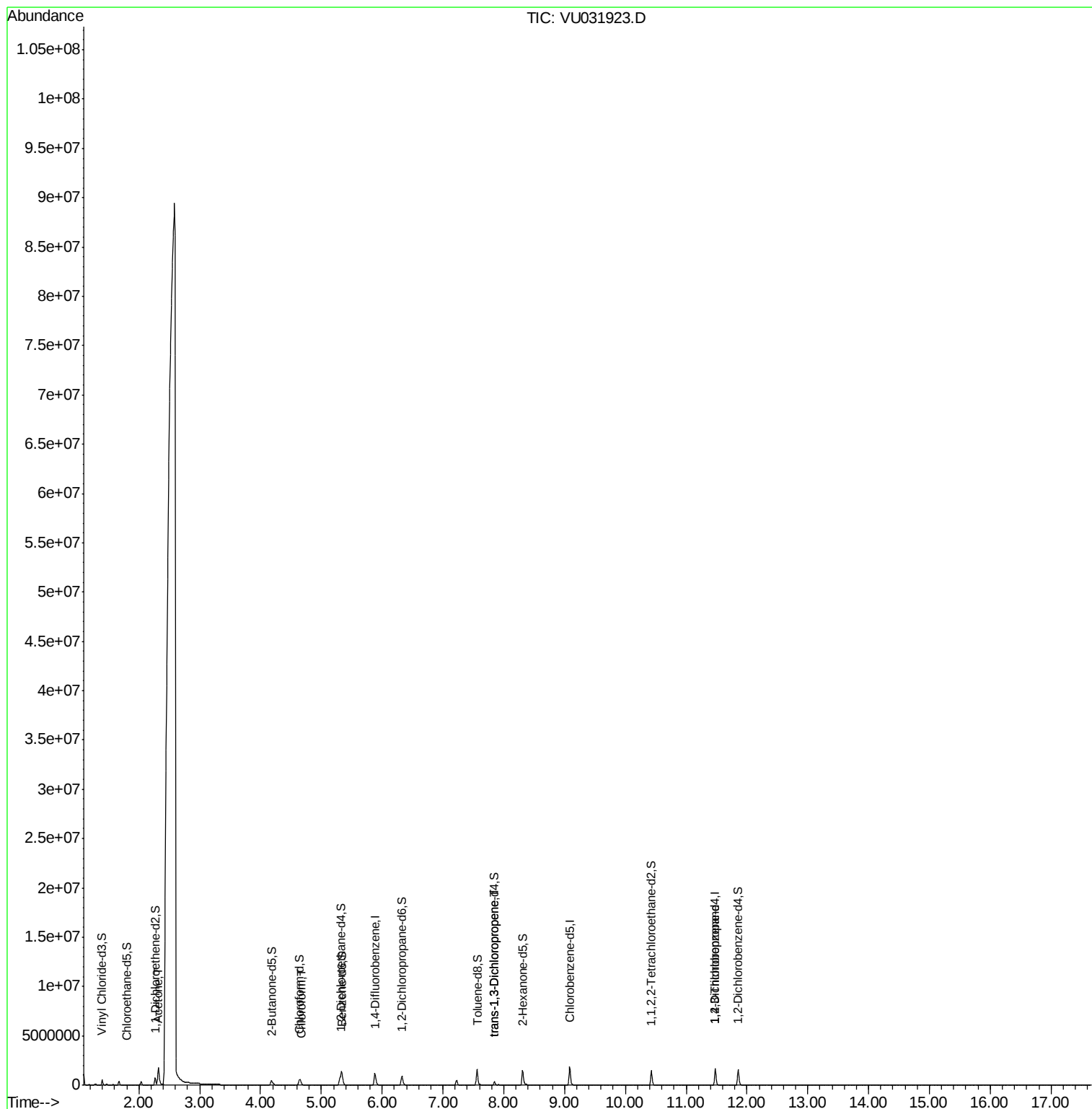
Target Compounds						Qvalue
13) Acetone	2.32	43	2083059	237.688	ug/L	96
25) Chloroform	4.68	83	13654	0.813	ug/L	87
44) trans-1,3-Dichloropropene	7.85	75	8386	0.645	ug/L	90
59) 1,2,3-Trichloropropane	11.48	75	55017	4.275	ug/L	91

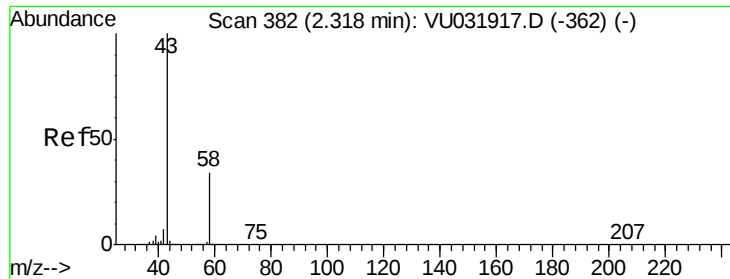
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 237.688 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

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MSVOA_U

ClientSampleId :

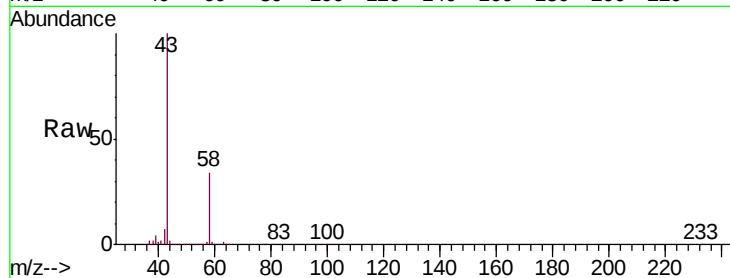
A4247

Tgt Ion: 43 Resp: 2083059

Ion Ratio Lower Upper

43 100

58 34.5 0.0 64.4



Abundance Ion 43.00 (42.70 to 43.70): VU031917.D (-362) (-)

Ion 58.00 (57.70 to 58.70): VU031917.D (-362) (-)

8000000

6000000

4000000

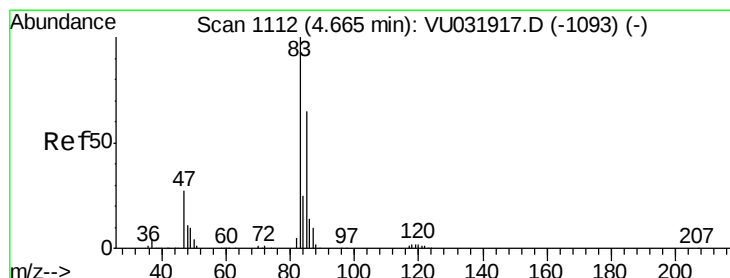
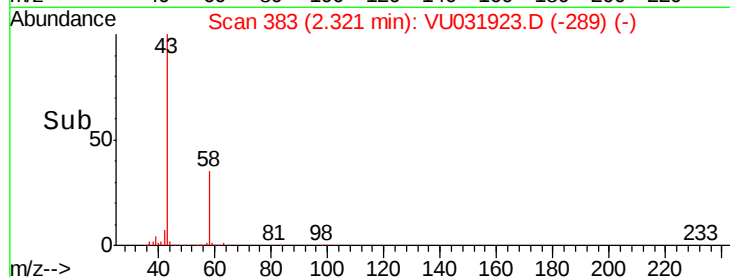
2000000

0

Time-->

2.25 2.30 2.35 2.40

2.32



#25

Chloroform

Concen: 0.813 ug/L

RT: 4.68 min Scan# 1116

Delta R.T. 0.01 min

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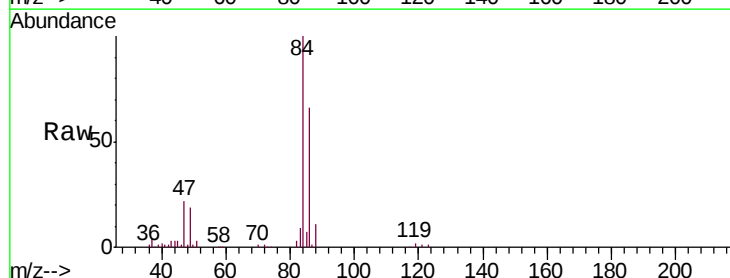
Acq: 11 May 2019 12:05

Tgt Ion: 83 Resp: 13654

Ion Ratio Lower Upper

83 100

85 74.4 44.9 83.3



Abundance Ion 83.00 (82.70 to 83.70): VU031917.D (-1093) (-)

Ion 85.00 (84.70 to 85.70): VU031917.D (-1093) (-)

5000

4000

3000

2000

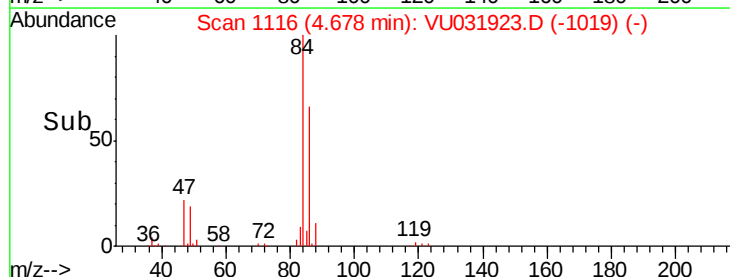
1000

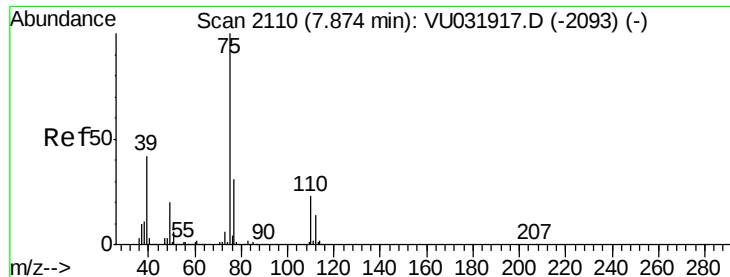
0

Time-->

4.60 4.65 4.70 4.75

4.68





#44

trans-1,3-Dichloropropene

Concen: 0.645 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

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ClientSampleId :

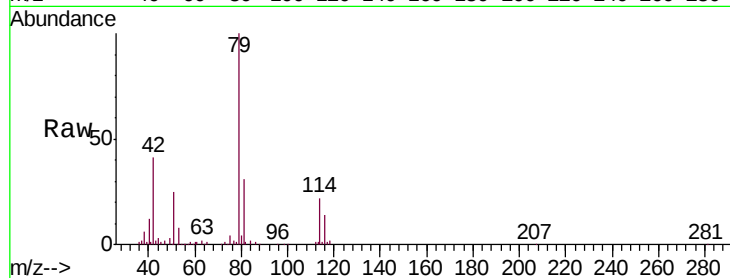
A4247

Tgt Ion: 75 Resp: 8386

Ion Ratio Lower Upper

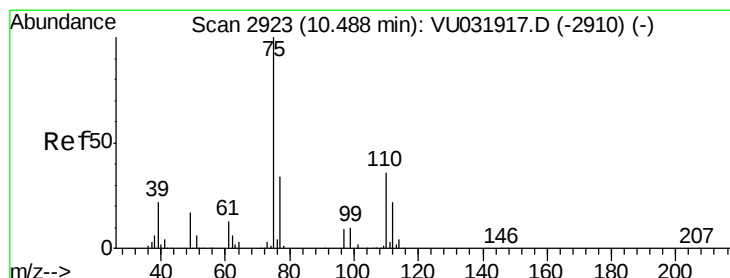
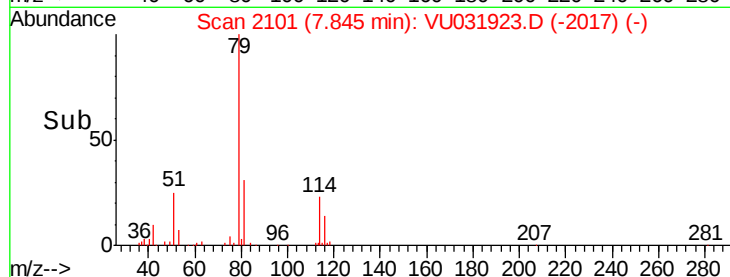
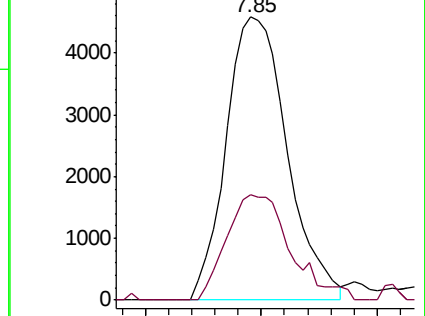
75 100

77 37.3 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#59

1,2,3-Trichloropropane

Concen: 4.275 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

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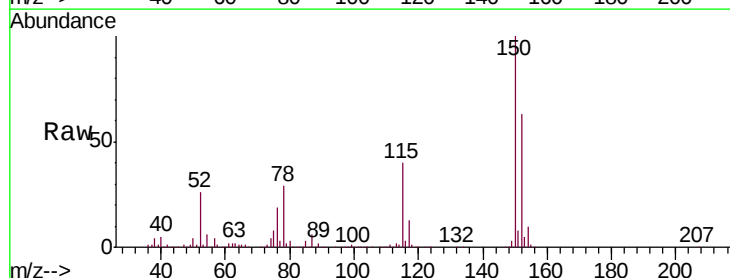
Acq: 11 May 2019 12:05

Tgt Ion: 75 Resp: 55017

Ion Ratio Lower Upper

75 100

77 37.5 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

