

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042319\
 Data File : VU031443.D
 Acq On : 23 Apr 2019 17:09
 Operator : JC/SP
 Sample : K2536-01DL 5X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X21DL

Manual Integrations
 APPROVED

MMDadoda
 4/24/2019 10:46:32 AM

Quant Time: Apr 24 08:15:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 24 06:00:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	763747	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	683186	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	306932	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	229055	37.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.02%
7) Chloroethane-d5	1.68	69	195608	41.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.02%
11) 1,1-Dichloroethene-d2	2.27	63	332712	30.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.80%
21) 2-Butanone-d5	4.19	46	467898	101.13	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.13%
24) Chloroform-d	4.64	84	415152	42.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.20%
26) 1,2-Dichloroethane-d4	5.31	65	266802	45.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.32%
32) Benzene-d6	5.34	84	891891	45.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.38%
36) 1,2-Dichloropropane-d6	6.33	67	304896	48.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.02%
41) Toluene-d8	7.56	98	783409	44.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.88%
43) trans-1,3-Dichloropropene-	7.85	79	130318	45.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.06%
47) 2-Hexanone-d5	8.31	63	336139	105.64	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.64%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	410003	47.59	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.18%
64) 1,2-Dichlorobenzene-d4	11.86	152	283208	45.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.28%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.35	43	7306m	2.011	ug/L	
20) cis-1,2-Dichloroethene	4.23	96	17818	3.272	ug/L	88
34) Trichloroethene	6.18	95	361141	68.971	ug/L	98

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

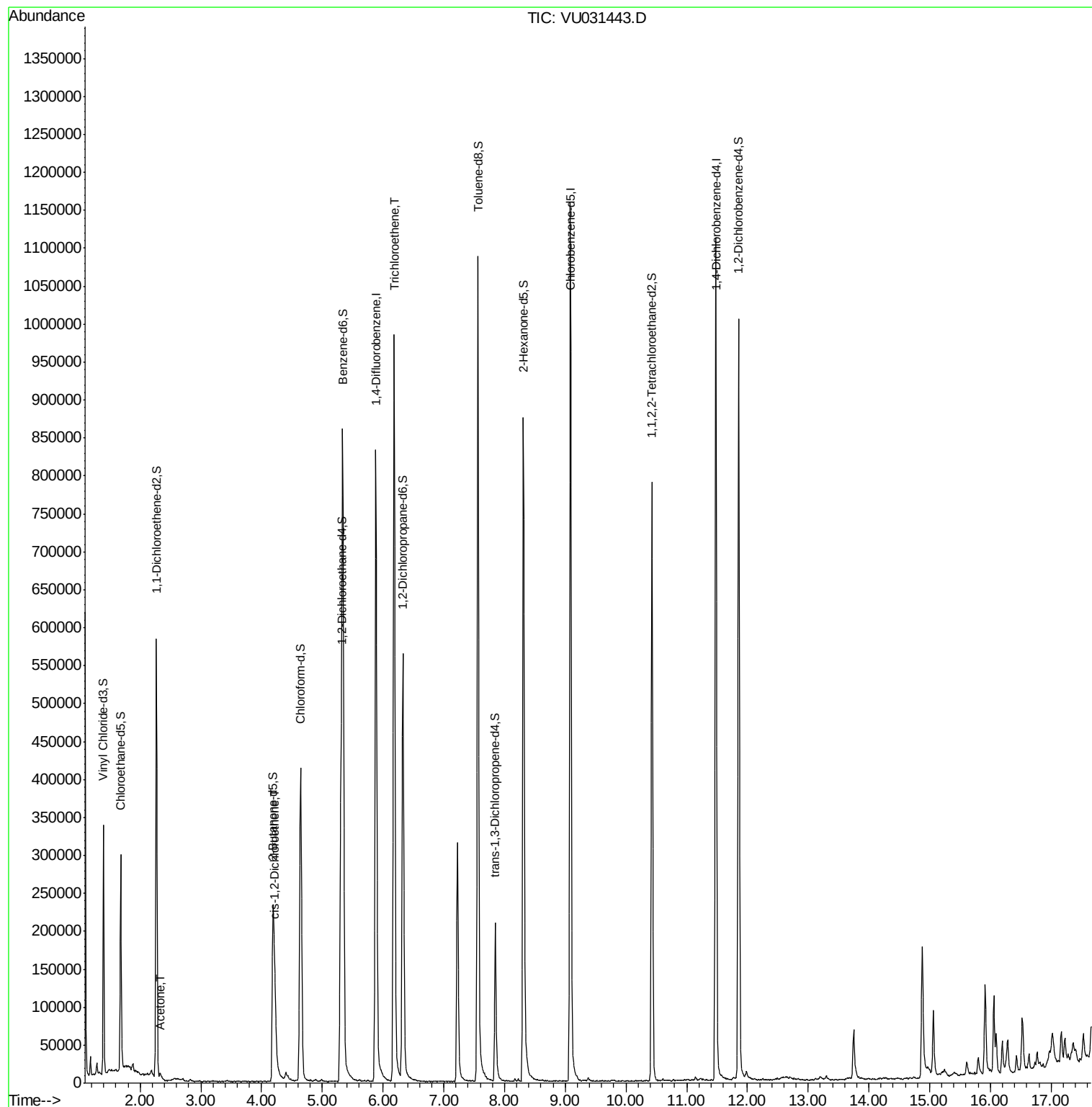
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042319\
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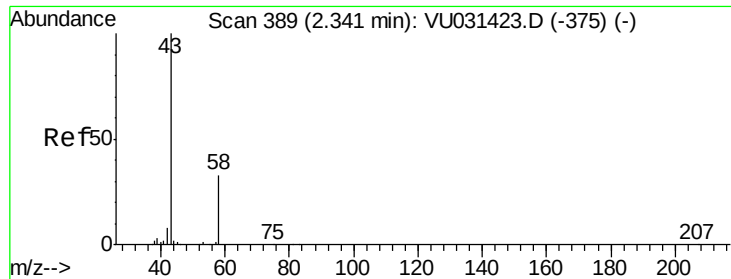
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#13

Acetone

Concen: 2.011 ug/L m

RT: 2.35 min Scan# 391

Delta R.T. 0.01 min

Lab File: VU031443.D

Acq: 23 Apr 2019 17:09

Tot Ion: 43 Resp: 7306

Ion Ratio Lower Upper

43 100

58 0.8 0.0 66.4

Instrument :

MSVOA_U

ClientSampled :

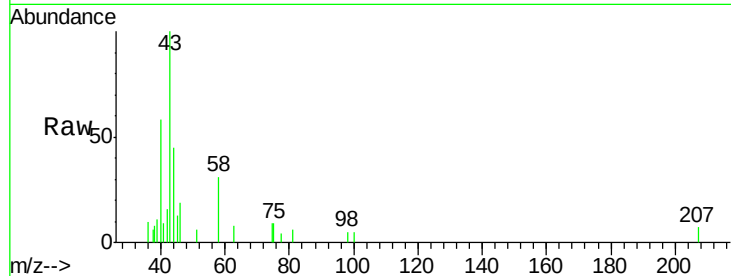
C0X21DL

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Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.35

2500

2000

1500

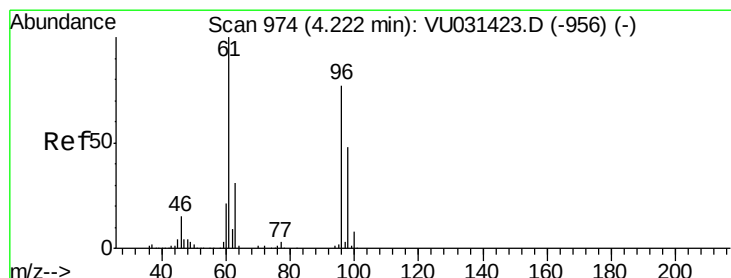
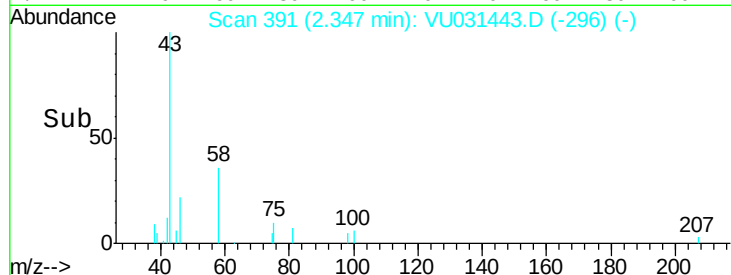
1000

500

0

Time-->

2.30 2.35 2.40



#20

cis-1,2-Dichloroethene

Concen: 3.272 ug/L

RT: 4.23 min Scan# 975

Delta R.T. 0.00 min

Lab File: VU031443.D

Acq: 23 Apr 2019 17:09

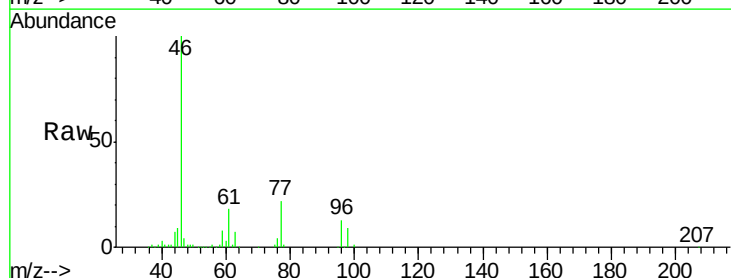
Tgt Ion: 96 Resp: 17818

Ion Ratio Lower Upper

96 100

61 145.5 91.9 170.7

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0

4.23

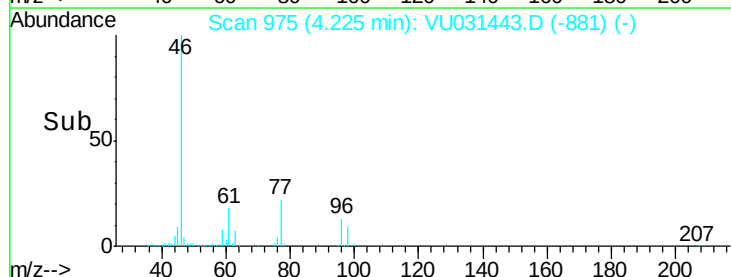
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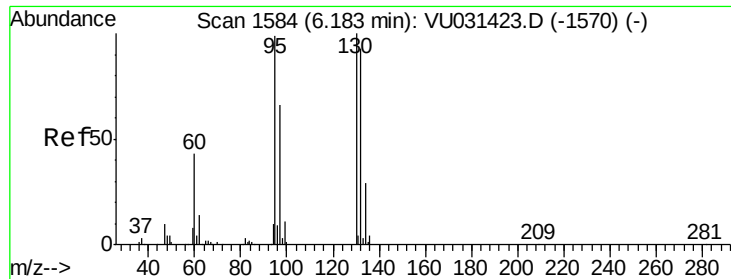
5000

0

Time-->

4.15 4.20 4.25 4.30





#34
 Trichloroethene
 Concen: 68.971 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. -0.00 min
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
361141	95	100			
	97	63.7		44.9	83.5
	132	98.5		68.0	126.2
	130	97.8		70.1	130.1

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