

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031111.D
 Acq On : 12 Apr 2019 07:52
 Operator : JC/SP
 Sample : K2341-11
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 103 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB729

Quant Time: Apr 12 08:58:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 07:24:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	486233	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	486367	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	229548	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	152775	35.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.40%
7) Chloroethane-d5	1.68	69	128510	39.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.02%
11) 1,1-Dichloroethene-d2	2.27	63	215193	27.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.82%#
21) 2-Butanone-d5	4.17	46	310261	90.19	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.19%
24) Chloroform-d	4.64	84	289039	43.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.18%
26) 1,2-Dichloroethane-d4	5.31	65	203758	45.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.08%
32) Benzene-d6	5.33	84	552910	38.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.88%
36) 1,2-Dichloropropane-d6	6.32	67	200051	41.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.22%
41) Toluene-d8	7.56	98	464171	36.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	73.76%#
43) trans-1,3-Dichloropropene-	7.85	79	82634	37.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.48%
47) 2-Hexanone-d5	8.31	63	165741	74.53	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.53%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	296645	45.20	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	201430	44.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.24%

Target Compounds

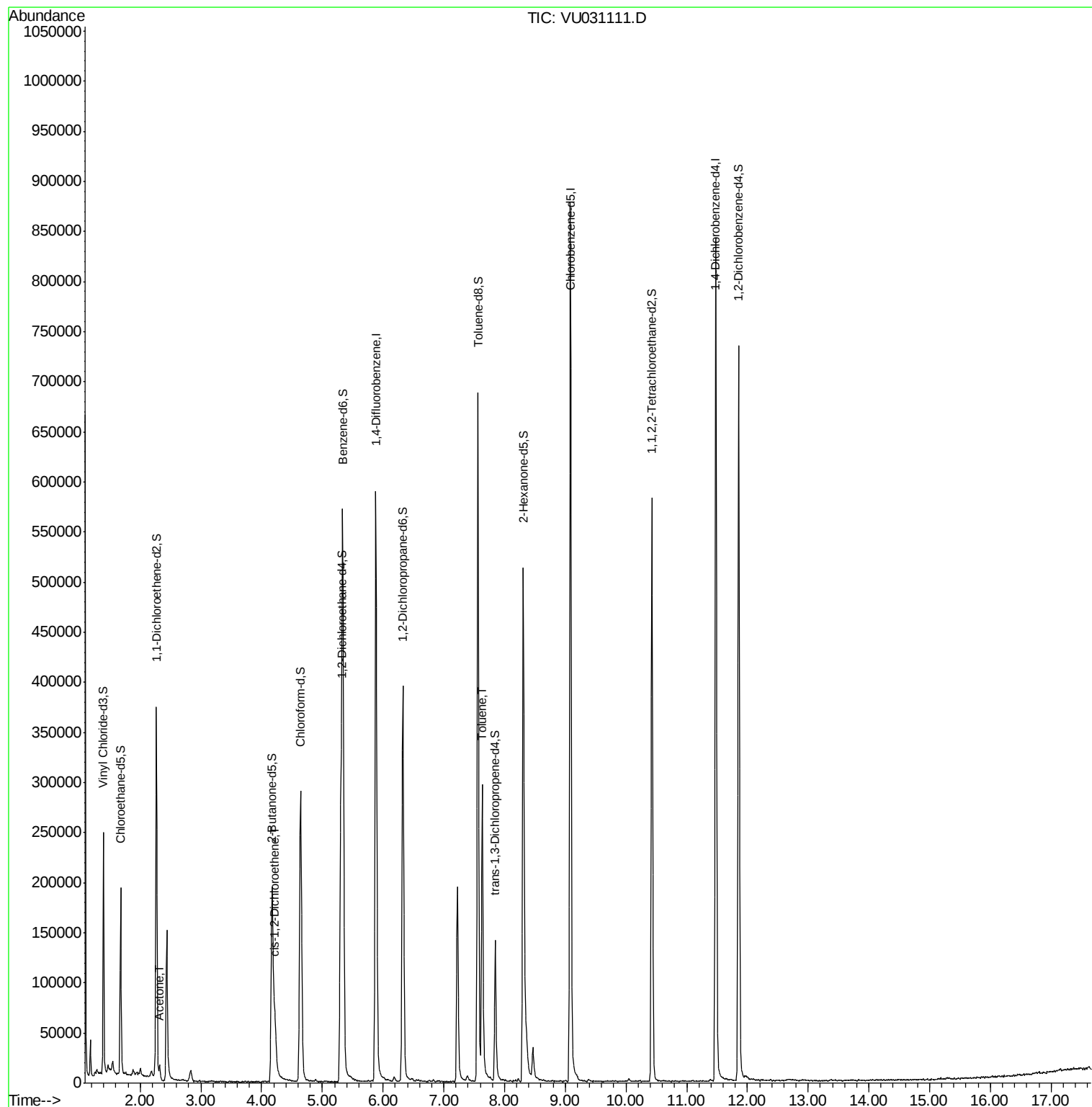
					Ovalue
13) Acetone	2.32	43	12872	3.657 ug/L	97
20) cis-1,2-Dichloroethene	4.22	96	21456	5.445 ug/L	98
42) Toluene	7.63	91	216795	13.344 ug/L	99

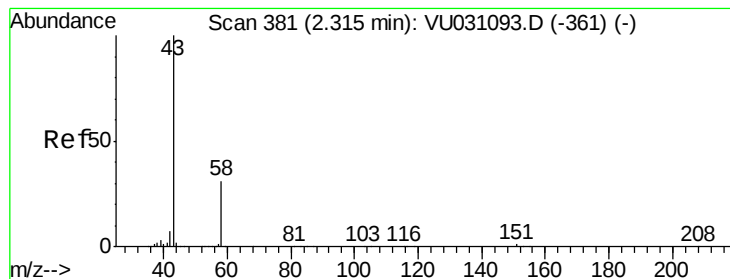
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.657 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

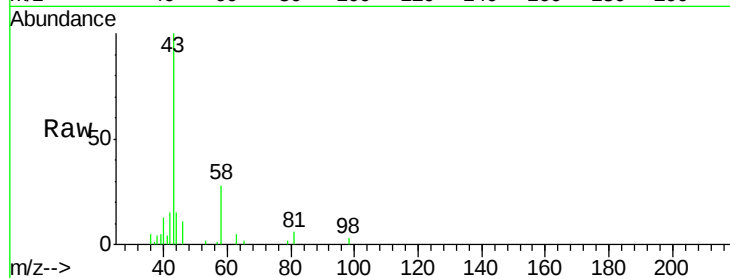
DB729

Tot Ion: 43 Resp: 12872

Ion Ratio Lower Upper

43 100

58 30.4 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU031093.D (-361) (-)

Ion 58.00 (57.70 to 58.70): VU031093.D (-361) (-)

2.32

8000

6000

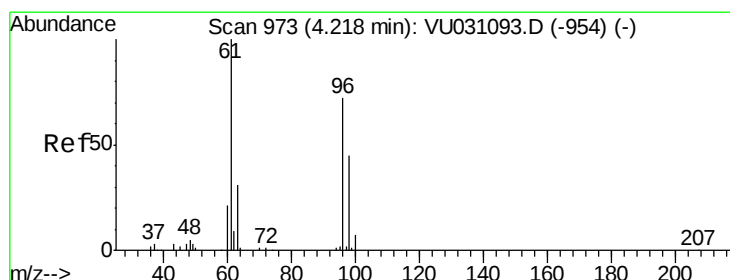
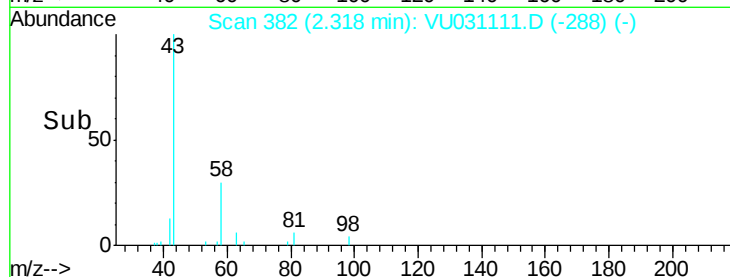
4000

2000

0

Time-->

2.25 2.30 2.35 2.40



#20

cis-1,2-Dichloroethene

Concen: 5.445 ug/L

RT: 4.22 min Scan# 973

Delta R.T. 0.00 min

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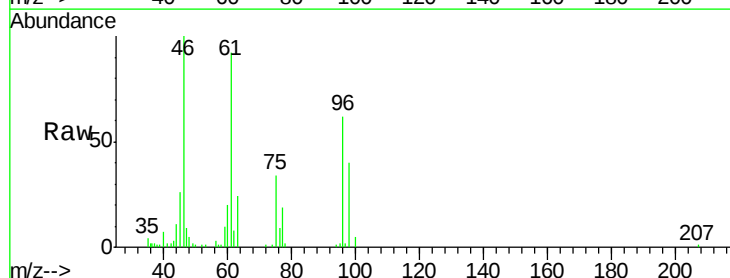
Tgt Ion: 96 Resp: 21456

Ion Ratio Lower Upper

96 100

61 149.9 102.9 191.1

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU031093.D (-954) (-)

Ion 61.00 (60.70 to 61.70): VU031093.D (-954) (-)

Ion 68.00 (67.70 to 68.70): VU031093.D (-954) (-)

15000

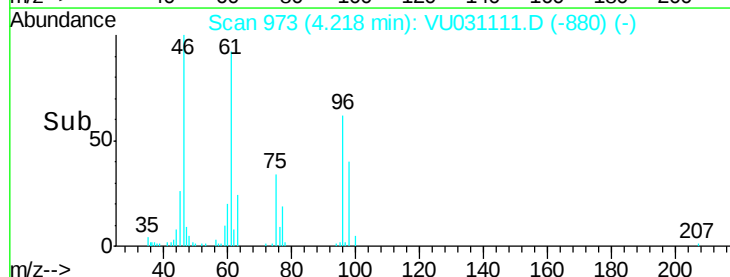
10000

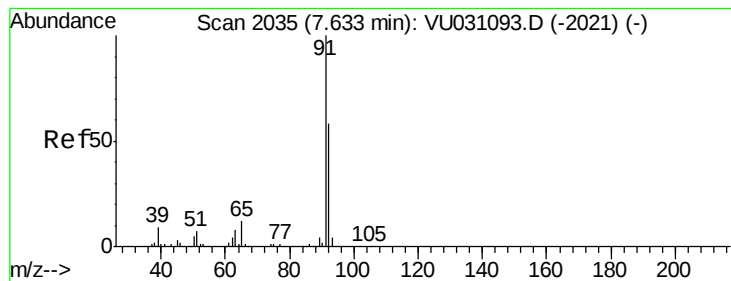
5000

0

Time-->

4.15 4.20 4.25





#42

Toluene

Concen: 13.344 ug/L

RT: 7.63 min Scan# 2035

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

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Tot Ion: 91 Resp: 216795

Ion Ratio Lower Upper

91 100

92 57.6 40.0 74.4

