

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040719\
 Data File : VU030813.D
 Acq On : 06 Apr 2019 20:08
 Operator : JC/SP
 Sample : K2299-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB6X9

Quant Time: Apr 08 06:54:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Apr 08 05:01:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	464408	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	464098	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	189628	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	218647	52.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.48%
7) Chloroethane-d5	1.68	69	170000	54.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.06%
11) 1,1-Dichloroethene-d2	2.27	63	301781	40.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.50%
21) 2-Butanone-d5	4.17	46	341116	103.82	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.82%
24) Chloroform-d	4.64	84	325479	51.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.80%
26) 1,2-Dichloroethane-d4	5.31	65	230653	53.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.76%
32) Benzene-d6	5.34	84	680095	50.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.40%
36) 1,2-Dichloropropane-d6	6.32	67	234550	50.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.04%
41) Toluene-d8	7.56	98	577265	48.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.14%
43) trans-1,3-Dichloropropene-	7.85	79	100266	47.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.72%
47) 2-Hexanone-d5	8.31	63	209575	98.76	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.76%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	303483	48.46	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.92%
64) 1,2-Dichlorobenzene-d4	11.86	152	196049	52.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.14%

Target Compounds

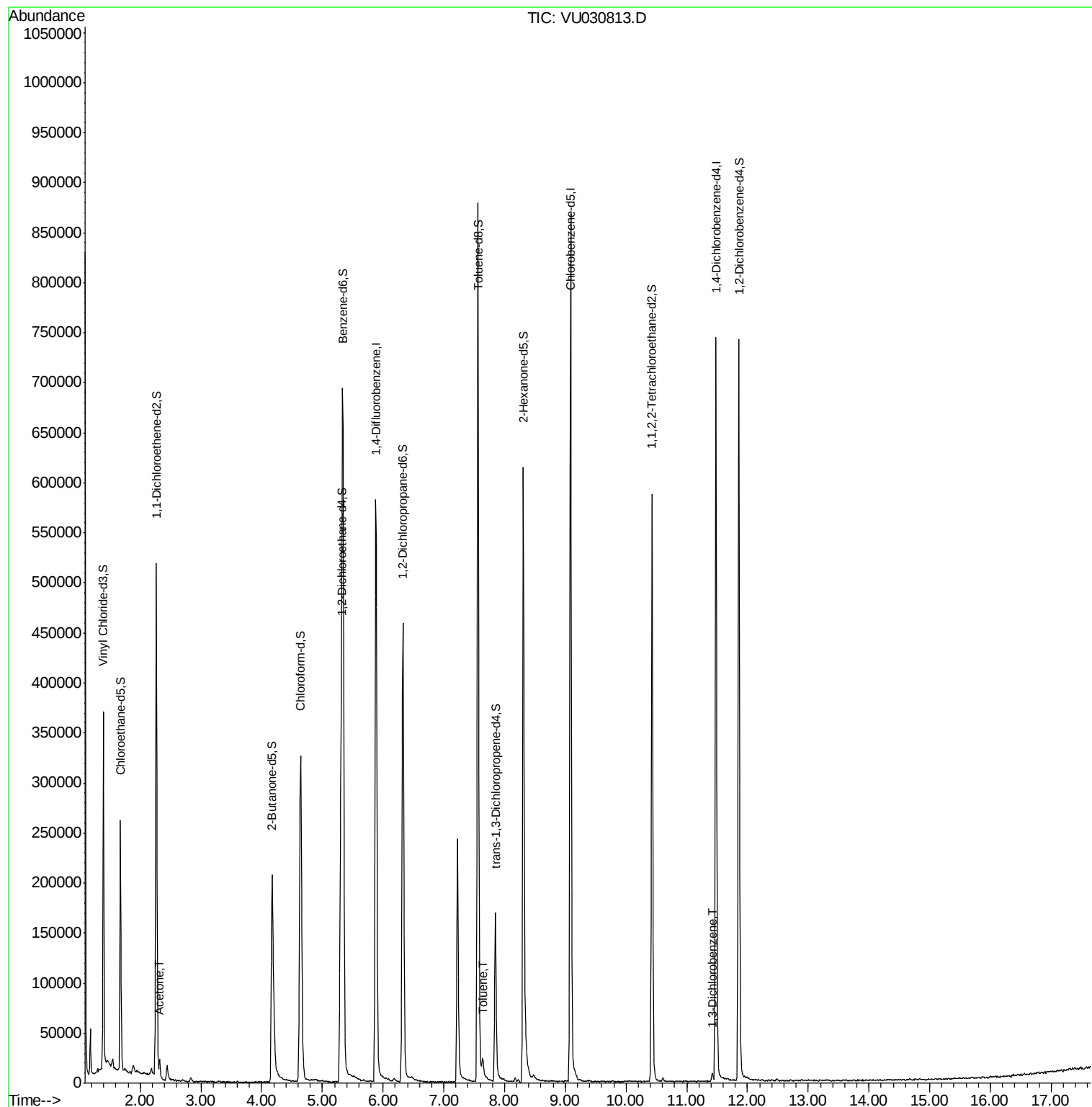
					Ovalue
13) Acetone	2.32	43	16127	4.797 ug/L	99
42) Toluene	7.64	91	11788	0.760 ug/L	85
62) 1,3-Dichlorobenzene	11.42	146	3306	0.552 ug/L	94

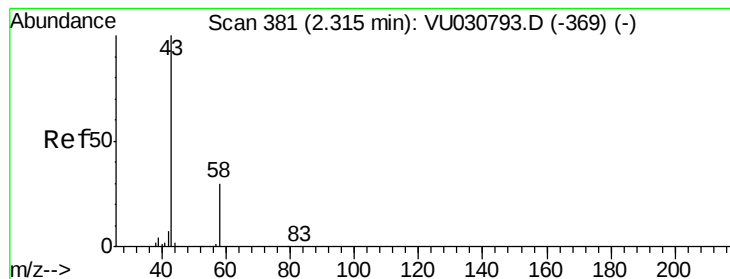
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.797 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU030813.D

Acq: 06 Apr 2019 20:08

Instrument :

MSVOA_U

ClientSampleId :

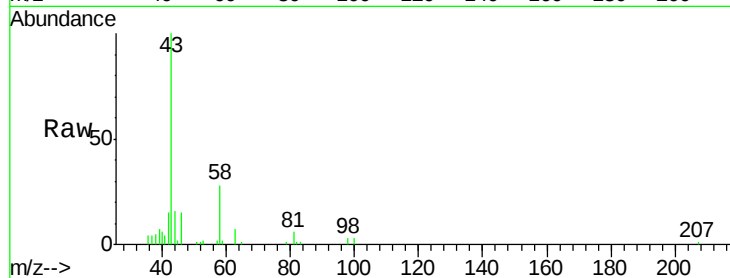
DB6X9

Tot Ion: 43 Resp: 16127

Ion Ratio Lower Upper

43 100

58 31.7 0.0 64.0



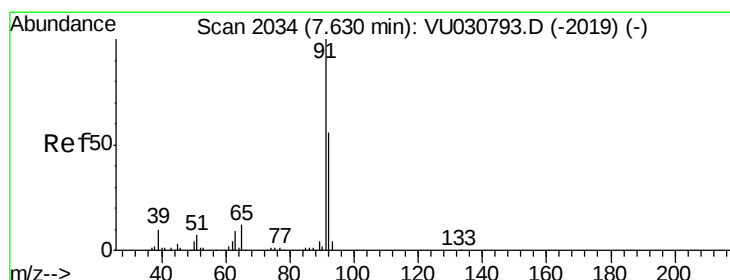
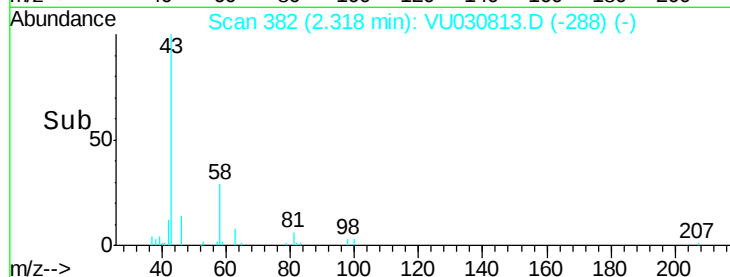
Abundance Ion 43.00 (42.70 to 43.70): VU030793.D (-369) (-)

Ion 58.00 (57.70 to 58.70): VU030793.D (-369) (-)

2.32

2.35

Time-->



#42

Toluene

Concen: 0.760 ug/L

RT: 7.64 min Scan# 2036

Delta R.T. 0.01 min

Lab File: VU030813.D

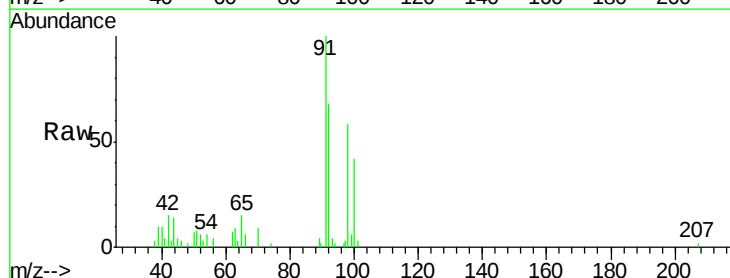
Acq: 06 Apr 2019 20:08

Tgt Ion: 91 Resp: 11788

Ion Ratio Lower Upper

91 100

92 68.4 40.0 74.4



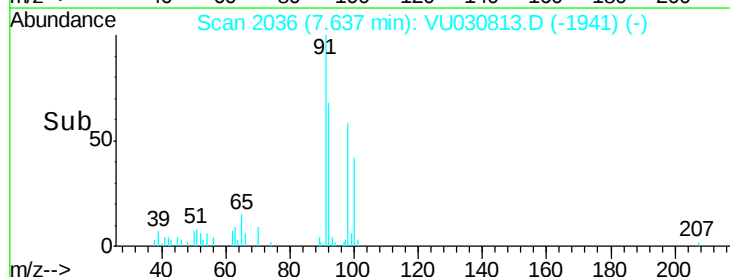
Abundance Ion 91.00 (90.70 to 91.70): VU030793.D (-2019) (-)

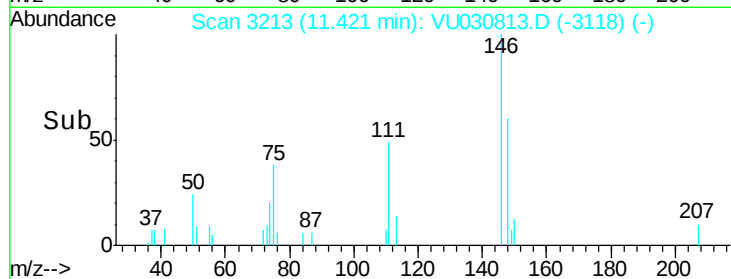
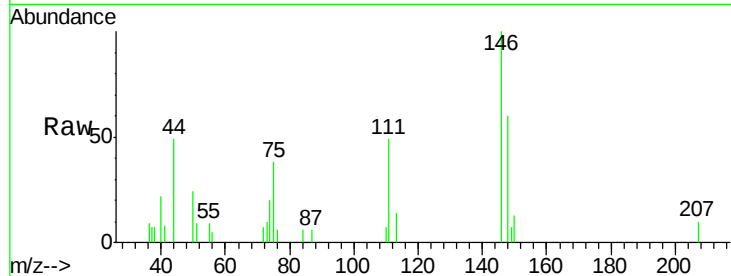
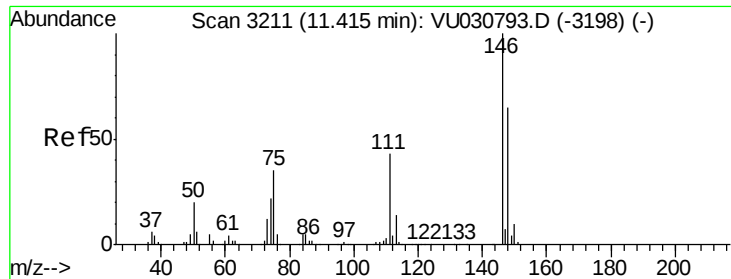
Ion 92.00 (91.70 to 92.70): VU030793.D (-2019) (-)

7.64

7.70

Time-->





#62

1,3-Dichlorobenzene

Concen: 0.552 ug/L

RT: 11.42 min Scan# 3213

Delta R.T. 0.01 min

Lab File: VU030813.D

Acq: 06 Apr 2019 20:08

Instrument :

MSVOA_U

ClientSampleId :

DB6X9

Tot Ion:146 Resp: 3306

Ion Ratio Lower Upper

146 100

111 48.6 30.9 57.5

148 59.7 44.7 82.9

