

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060920\
 Data File : VU038713.D
 Acq On : 09 Jun 2020 11:02
 Operator : SY/MD
 Sample : L2913-13
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9E55

Quant Time: Jun 10 02:02:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 10 00:33:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	674595	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	657196	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	314580	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	215699	57.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	114.46%
7) Chloroethane-d5	1.93	69	172465	58.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	117.98%
11) 1,1-Dichloroethene-d2	2.59	63	329377	40.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.20%
21) 2-Butanone-d5	4.66	46	413695	112.82	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.82%
24) Chloroform-d	5.10	84	414983	51.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.14%
26) 1,2-Dichloroethane-d4	5.74	65	280559	52.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.18%
32) Benzene-d6	5.76	84	886396	55.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.98%
36) 1,2-Dichloropropane-d6	6.72	67	271993	55.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.50%
41) Toluene-d8	7.92	98	779522	54.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.98%
43) trans-1,3-Dichloropropene-	8.20	79	124220	50.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.14%
47) 2-Hexanone-d5	8.65	63	308345	118.73	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	118.73%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	387879	53.30	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	307528	56.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.62%

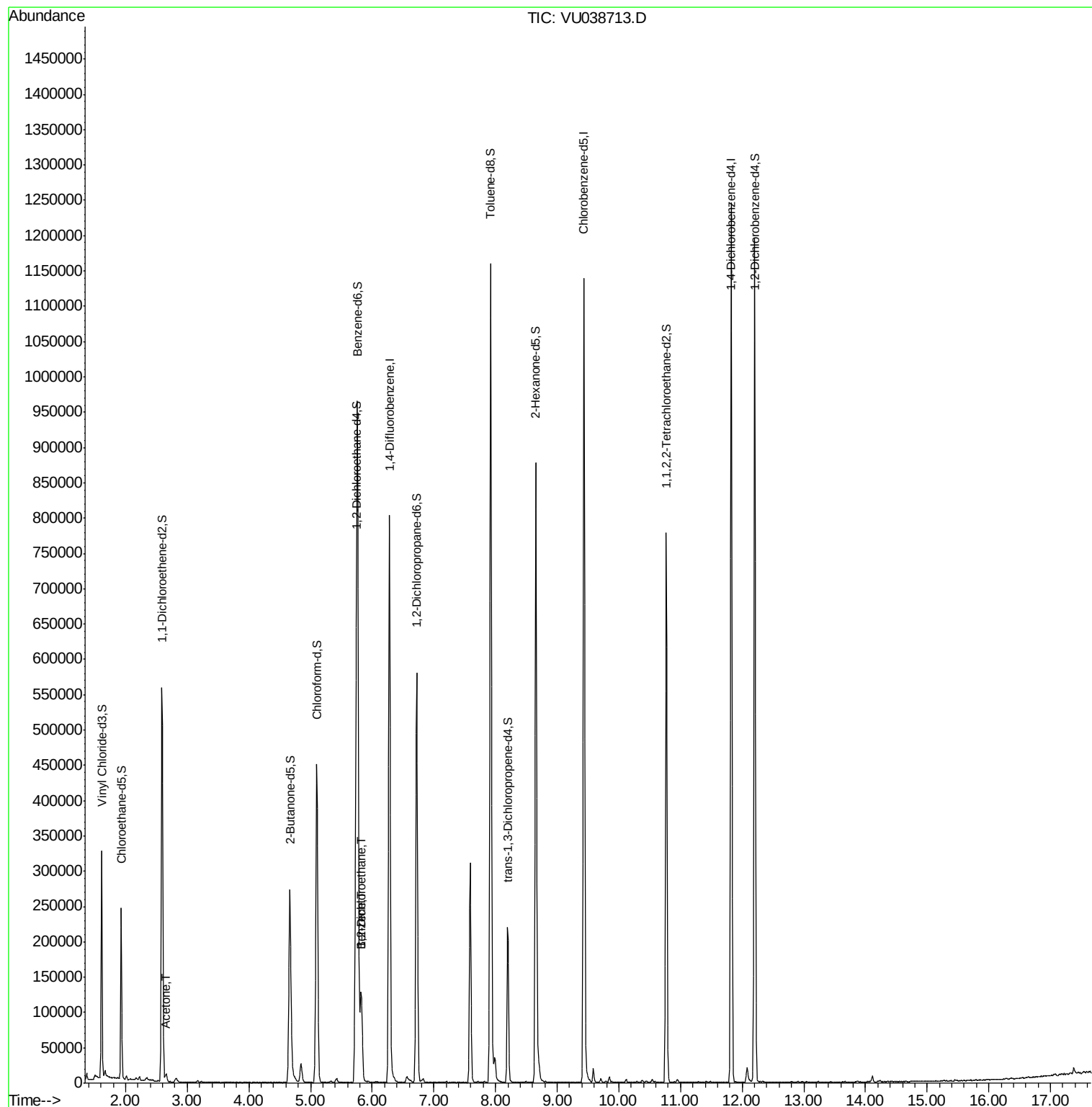
Target Compounds					Ovalue
13) Acetone	2.66	43	13622	4.610 ug/L	96
27) 1,2-Dichloroethane	5.83	62	75342	10.278 ug/L	99
33) Benzene	5.81	78	71085	3.642 ug/L	100

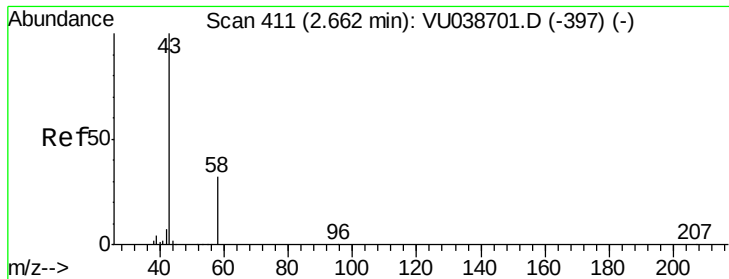
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.610 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

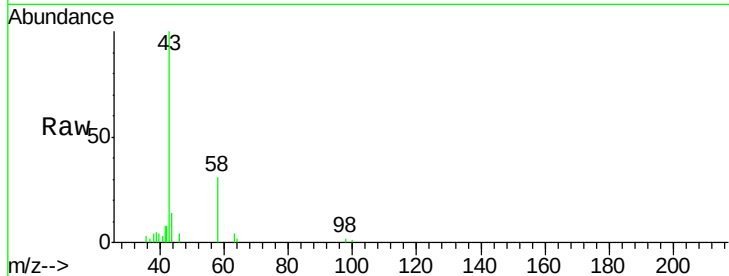
F9E55

Tot Ion: 43 Resp: 13622

Ion Ratio Lower Upper

43 100

58 31.5 0.0 67.6



Abundance Ion 43.00 (42.70 to 43.70): VU038713.D (-318) (-)

Ion 58.00 (57.70 to 58.70): VU038713.D (-318) (-)

2.66

8000

6000

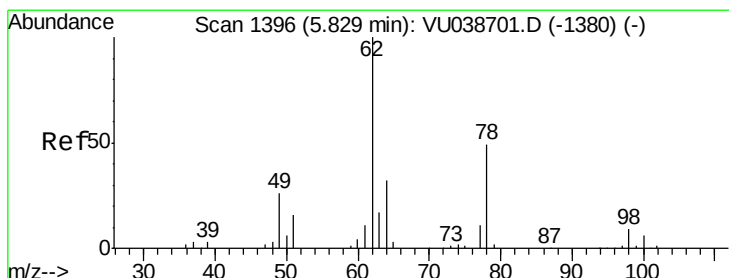
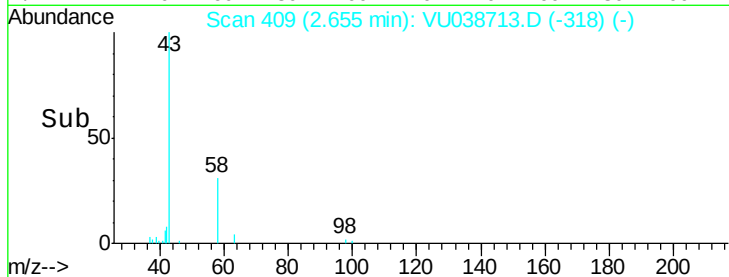
4000

2000

0

Time-->

2.60 2.65 2.70



#27

1,2-Dichloroethane

Concen: 10.278 ug/L

RT: 5.83 min Scan# 1396

Delta R.T. 0.00 min

Lab File: VU038713.D

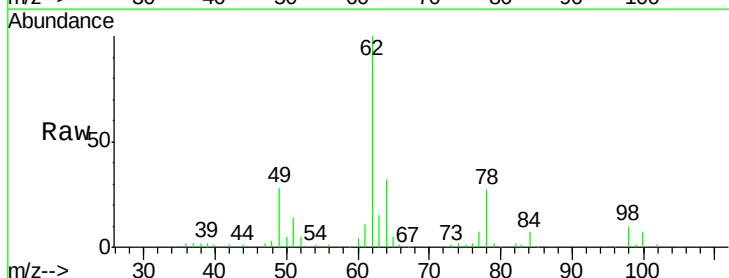
Acq: 09 Jun 2020 11:02

Tgt Ion: 62 Resp: 75342

Ion Ratio Lower Upper

62 100

98 9.9 7.8 11.6



Abundance Ion 62.00 (61.70 to 62.70): VU038713.D (-1303) (-)

Ion 98.00 (97.70 to 98.70): VU038713.D (-1303) (-)

5.83

40000

30000

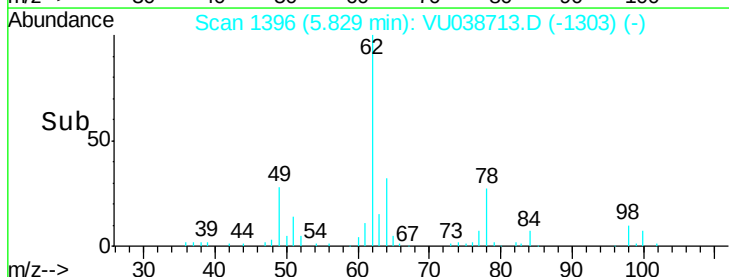
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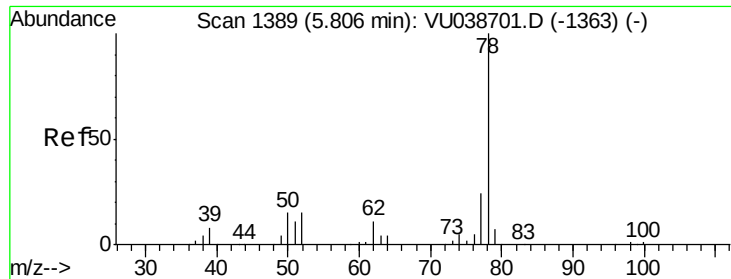
10000

0

Time-->

5.75 5.80 5.85 5.90





#33

Benzene

Concen: 3.642 ug/L

RT: 5.81 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VU038713.D

Acq: 09 Jun 2020 11:02

Instrument :

MSVOA_U

ClientSampleId :

F9E55

Tgt Ion: 78 Resp: 71085

