

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060920\
 Data File : VU038718.D
 Acq On : 09 Jun 2020 12:53
 Operator : SY/MD
 Sample : L2913-18
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9E60

Quant Time: Jun 10 02:22:39 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	619452	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	617348	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	296386	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	193086	55.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	111.58%
7) Chloroethane-d5	1.93	69	159020	59.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	118.46%
11) 1,1-Dichloroethene-d2	2.59	63	304412	40.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.72%
21) 2-Butanone-d5	4.66	46	378511	112.42	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.42%
24) Chloroform-d	5.10	84	388793	52.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.20%
26) 1,2-Dichloroethane-d4	5.74	65	264740	53.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.06%
32) Benzene-d6	5.76	84	816024	54.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.74%
36) 1,2-Dichloropropane-d6	6.72	67	253681	55.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.70%
41) Toluene-d8	7.92	98	727238	54.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.24%
43) trans-1,3-Dichloropropene-	8.20	79	113552	49.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.42%
47) 2-Hexanone-d5	8.65	63	276847	113.48	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.48%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	362416	53.01	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.02%
64) 1,2-Dichlorobenzene-d4	12.20	152	287922	55.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.90%

Target Compounds

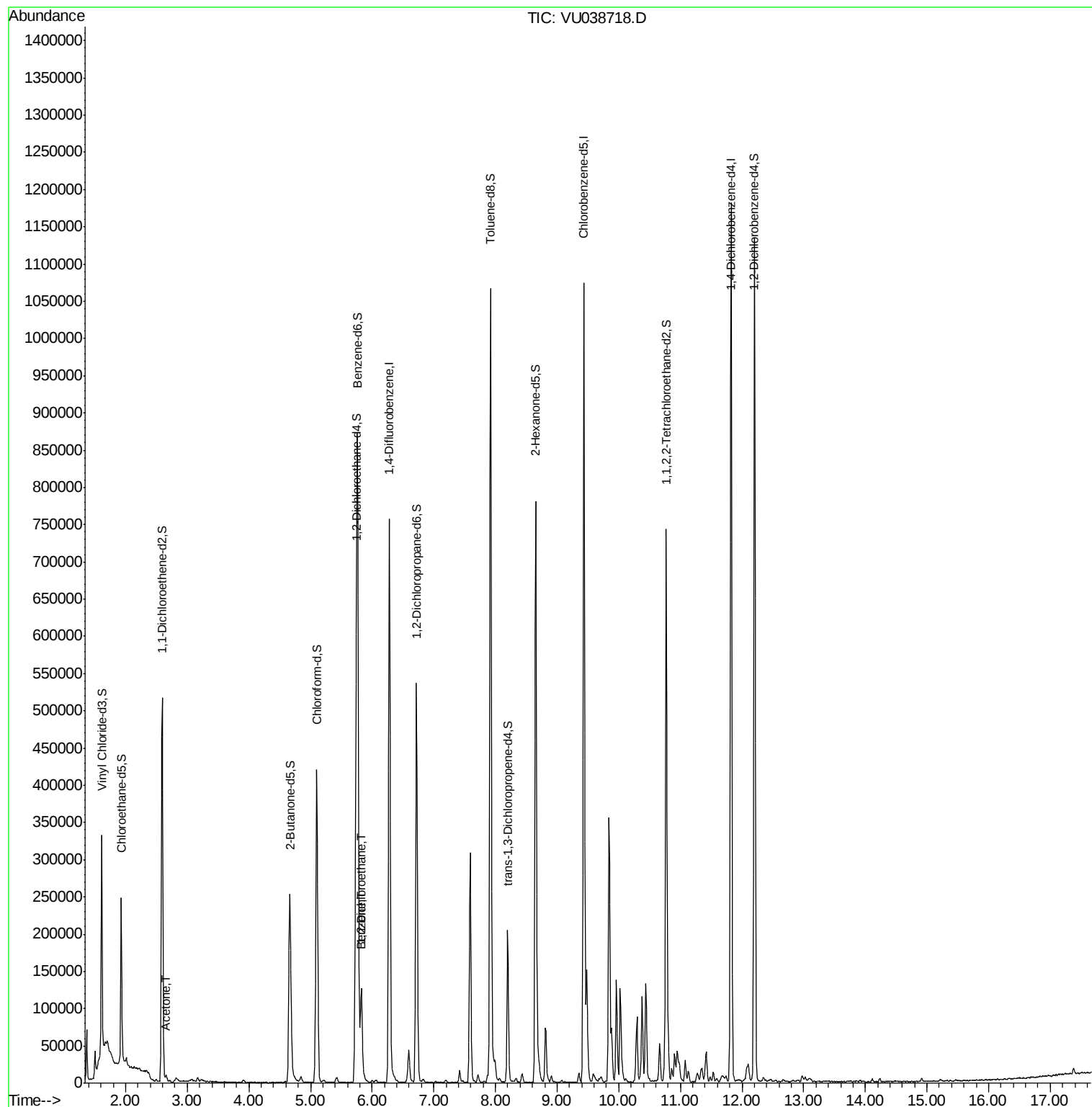
					Ovalue
13) Acetone	2.66	43	9626	3.548 ug/L	96
27) 1,2-Dichloroethane	5.83	62	89412	13.283 ug/L	100
33) Benzene	5.81	78	41406	2.259 ug/L	100

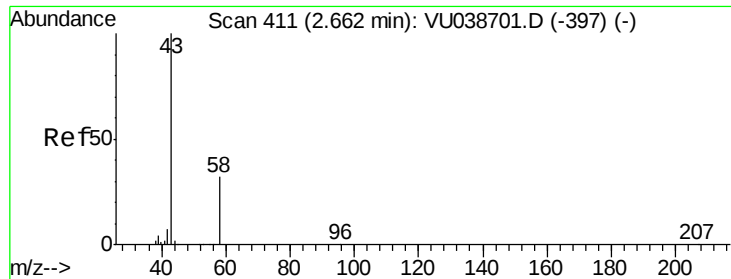
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.548 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.00 min

Lab File: VU038718.D

Acq: 09 Jun 2020 12:53

Instrument :

MSVOA_U

ClientSampleId :

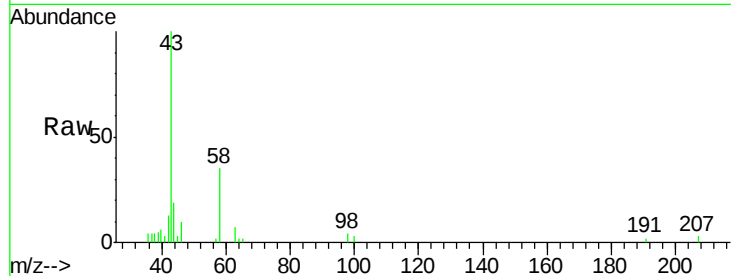
F9E60

Tot Ion: 43 Resp: 9626

Ion Ratio Lower Upper

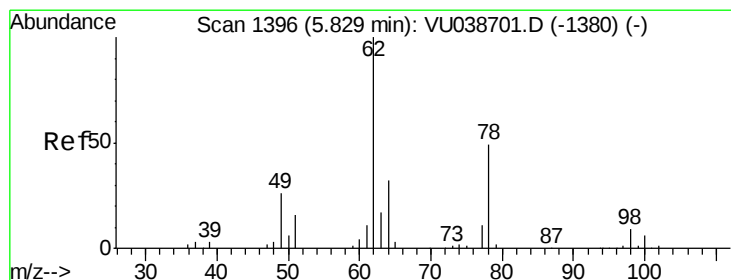
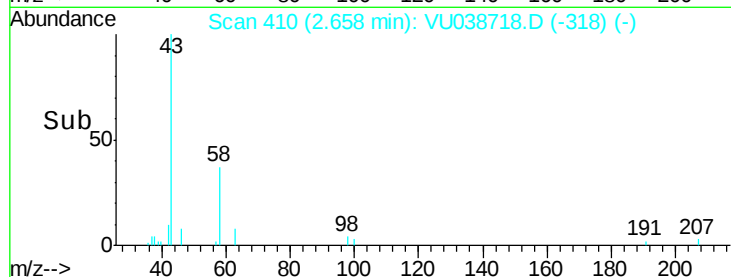
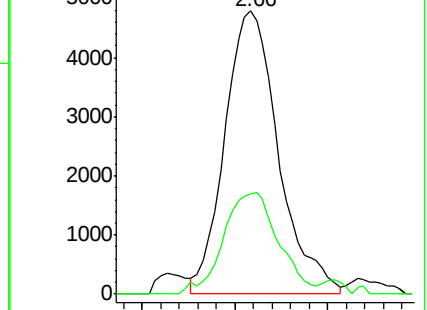
43 100

58 35.8 0.0 67.6



Abundance Ion 43.00 (42.70 to 43.70): VU038718.D (-318) (-)

Ion 58.00 (57.70 to 58.70): VU038718.D (-318) (-)



#27

1,2-Dichloroethane

Concen: 13.283 ug/L

RT: 5.83 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VU038718.D

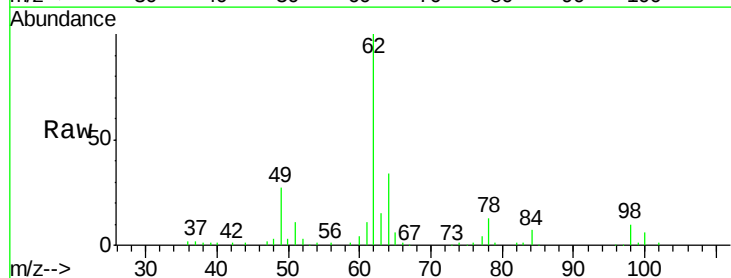
Acq: 09 Jun 2020 12:53

Tgt Ion: 62 Resp: 89412

Ion Ratio Lower Upper

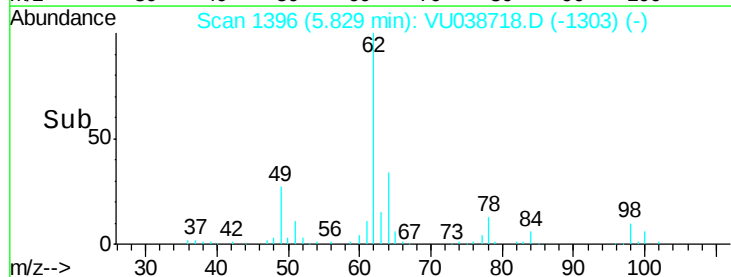
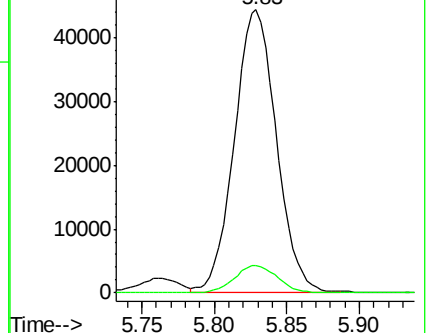
62 100

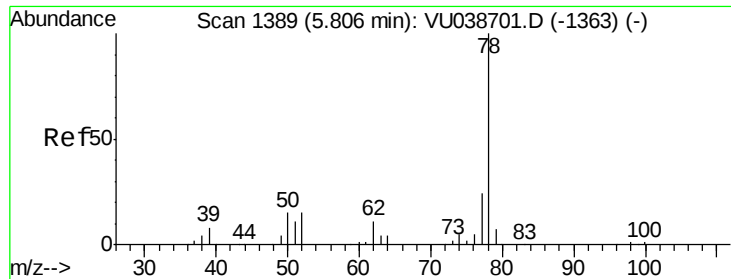
98 9.6 7.8 11.6



Abundance Ion 62.00 (61.70 to 62.70): VU038718.D (-1303) (-)

Ion 98.00 (97.70 to 98.70): VU038718.D (-1303) (-)





#33

Benzene

Concen: 2.259 ug/L

RT: 5.81 min Scan# 1390

Delta R.T. 0.00 min

Lab File: VU038718.D

Acq: 09 Jun 2020 12:53

Instrument :

MSVOA_U

ClientSampleId :

F9E60

Tgt Ion: 78 Resp: 41406

