

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060920\
 Data File : VU038715.D
 Acq On : 09 Jun 2020 11:46
 Operator : SY/MD
 Sample : L2913-15
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9E57

Quant Time: Jun 10 02:10:07 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	657984	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	628647	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	300762	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	206181	56.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	112.18%
7) Chloroethane-d5	1.93	69	165810	58.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	116.28%
11) 1,1-Dichloroethene-d2	2.59	63	316860	39.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.10%
21) 2-Butanone-d5	4.66	46	388143	108.53	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.53%
24) Chloroform-d	5.10	84	401390	50.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.28%
26) 1,2-Dichloroethane-d4	5.74	65	272551	51.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.76%
32) Benzene-d6	5.76	84	850876	56.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.38%
36) 1,2-Dichloropropane-d6	6.72	67	261584	56.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	112.10%
41) Toluene-d8	7.92	98	749738	54.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.58%
43) trans-1,3-Dichloropropene-	8.20	79	120298	51.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.40%
47) 2-Hexanone-d5	8.65	63	287518	115.74	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.74%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	372160	53.46	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.92%
64) 1,2-Dichlorobenzene-d4	12.20	152	299117	57.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.56%

Target Compounds

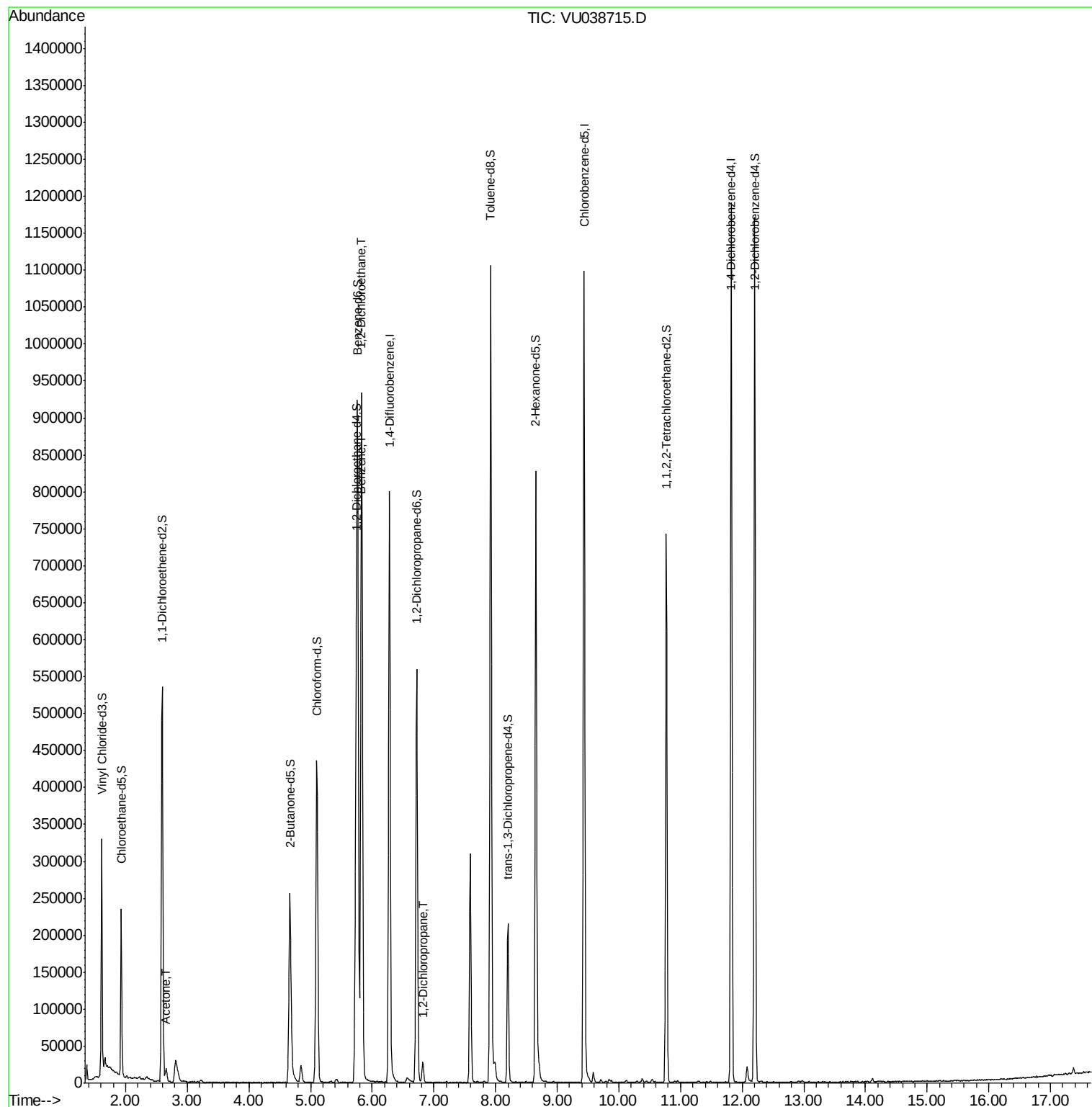
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.66	43	21456	7.445	ug/L	93
27) 1,2-Dichloroethane	5.83	62	770518	107.768	ug/L	100
33) Benzene	5.81	78	47201	2.528	ug/L	100
37) 1,2-Dichloropropane	6.82	63	9839	2.023	ug/L	99

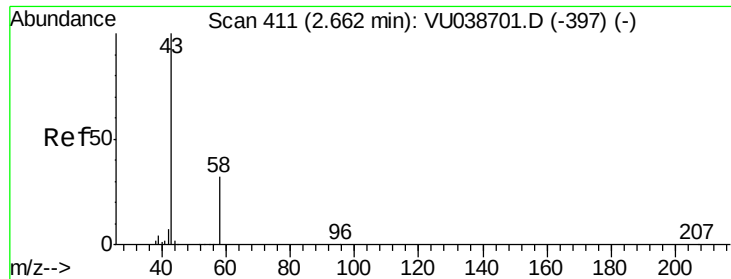
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.445 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.00 min

Lab File: VU038715.D

Acq: 09 Jun 2020 11:46

Instrument :

MSVOA_U

ClientSampled :

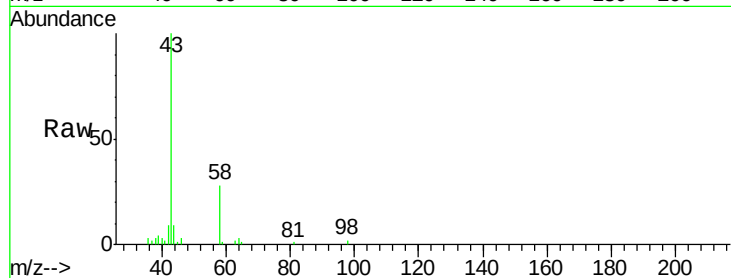
F9E57

Tot Ion: 43 Resp: 21456

Ion Ratio Lower Upper

43 100

58 30.0 0.0 67.6



Abundance Ion 43.00 (42.70 to 43.70): VU038715.D (-318) (-)

Ion 58.00 (57.70 to 58.70): VU038715.D (-318) (-)

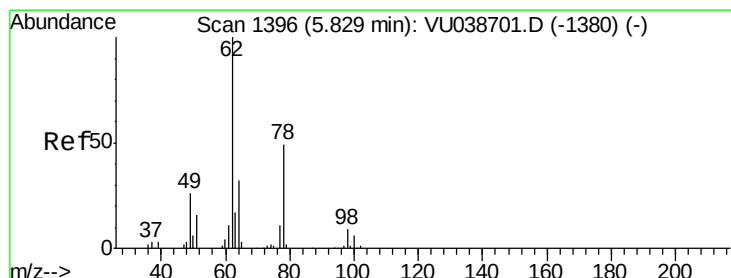
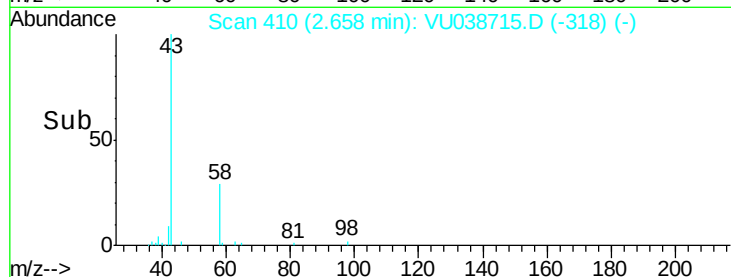
2.66

10000

5000

0

Time-->



#27

1,2-Dichloroethane

Concen: 107.768 ug/L

RT: 5.83 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VU038715.D

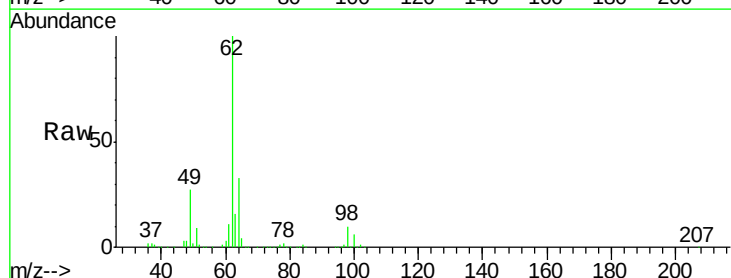
Acq: 09 Jun 2020 11:46

Tgt Ion: 62 Resp: 770518

Ion Ratio Lower Upper

62 100

98 9.6 7.8 11.6



Abundance Ion 62.00 (61.70 to 62.70): VU038715.D (-1303) (-)

Ion 98.00 (97.70 to 98.70): VU038715.D (-1303) (-)

5.83

400000

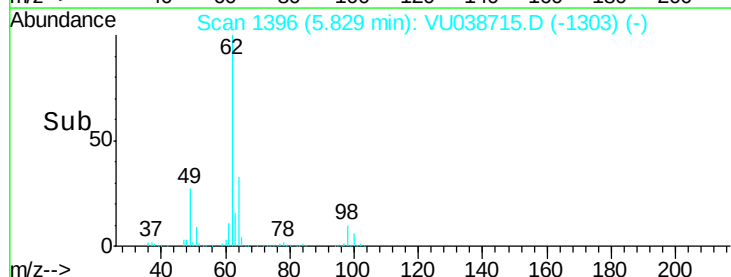
300000

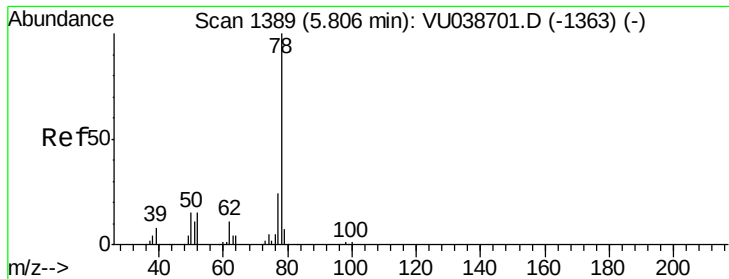
200000

100000

0

Time-->





#33

Benzene

Concen: 2.528 ug/L

RT: 5.81 min Scan# 1390

Delta R.T. 0.00 min

Lab File: VU038715.D

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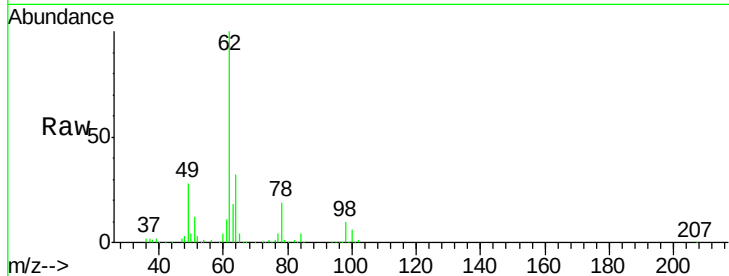
Instrument :

MSVOA_U

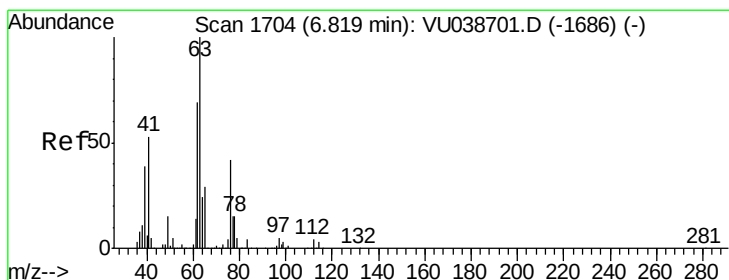
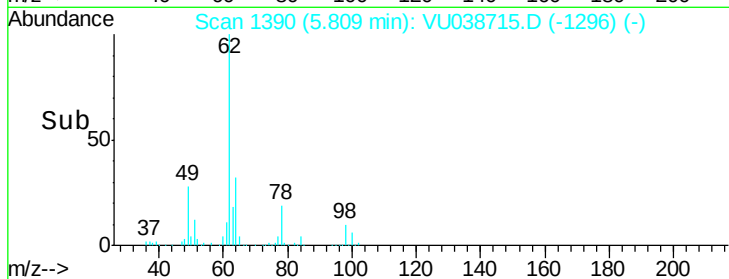
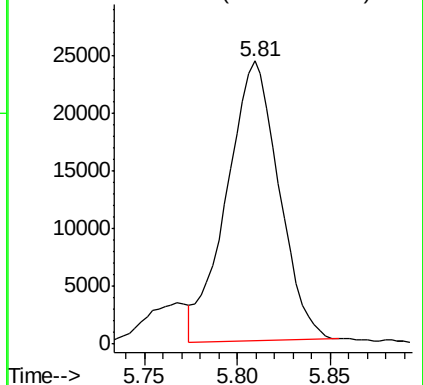
ClientSampleId :

F9E57

Tgt Ion: 78 Resp: 47201



Abundance Ion 78.00 (77.70 to 78.70): VU0



#37

1,2-Dichloropropane

Concen: 2.023 ug/L

RT: 6.82 min Scan# 1705

Delta R.T. 0.00 min

Lab File: VU038715.D

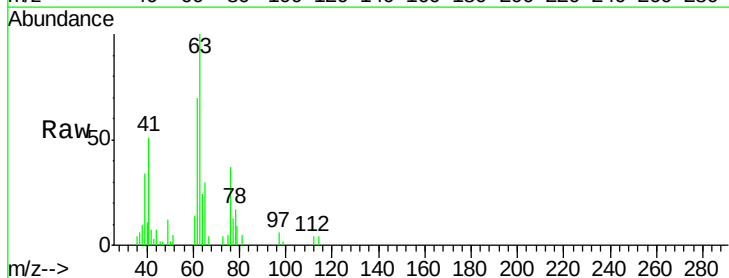
Acq: 09 Jun 2020 11:46

Tgt Ion: 63 Resp: 9839

Ion Ratio Lower Upper

63 100

112 3.8 3.4 5.2



Abundance Ion 63.00 (62.70 to 63.70): VU0

