

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060920\
 Data File : VU038712.D
 Acq On : 09 Jun 2020 10:40
 Operator : SY/MD
 Sample : L2913-12
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9E54

Quant Time: Jun 10 01:59:19 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	691030	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	662740	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	310311	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	222695	57.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	115.36%
7) Chloroethane-d5	1.93	69	182040	60.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	121.56%
11) 1,1-Dichloroethene-d2	2.59	63	341137	40.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.08%
21) 2-Butanone-d5	4.66	46	416174	110.80	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.80%
24) Chloroform-d	5.10	84	427062	51.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.60%
26) 1,2-Dichloroethane-d4	5.74	65	289502	52.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.94%
32) Benzene-d6	5.76	84	903736	56.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.22%
36) 1,2-Dichloropropane-d6	6.72	67	279119	56.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	113.46%
41) Toluene-d8	7.92	98	797754	55.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.60%
43) trans-1,3-Dichloropropene-	8.20	79	128549	51.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.80%
47) 2-Hexanone-d5	8.65	63	310985	118.75	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	118.75%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	397339	54.14	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.28%
64) 1,2-Dichlorobenzene-d4	12.20	152	312304	57.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	115.94%

Target Compounds

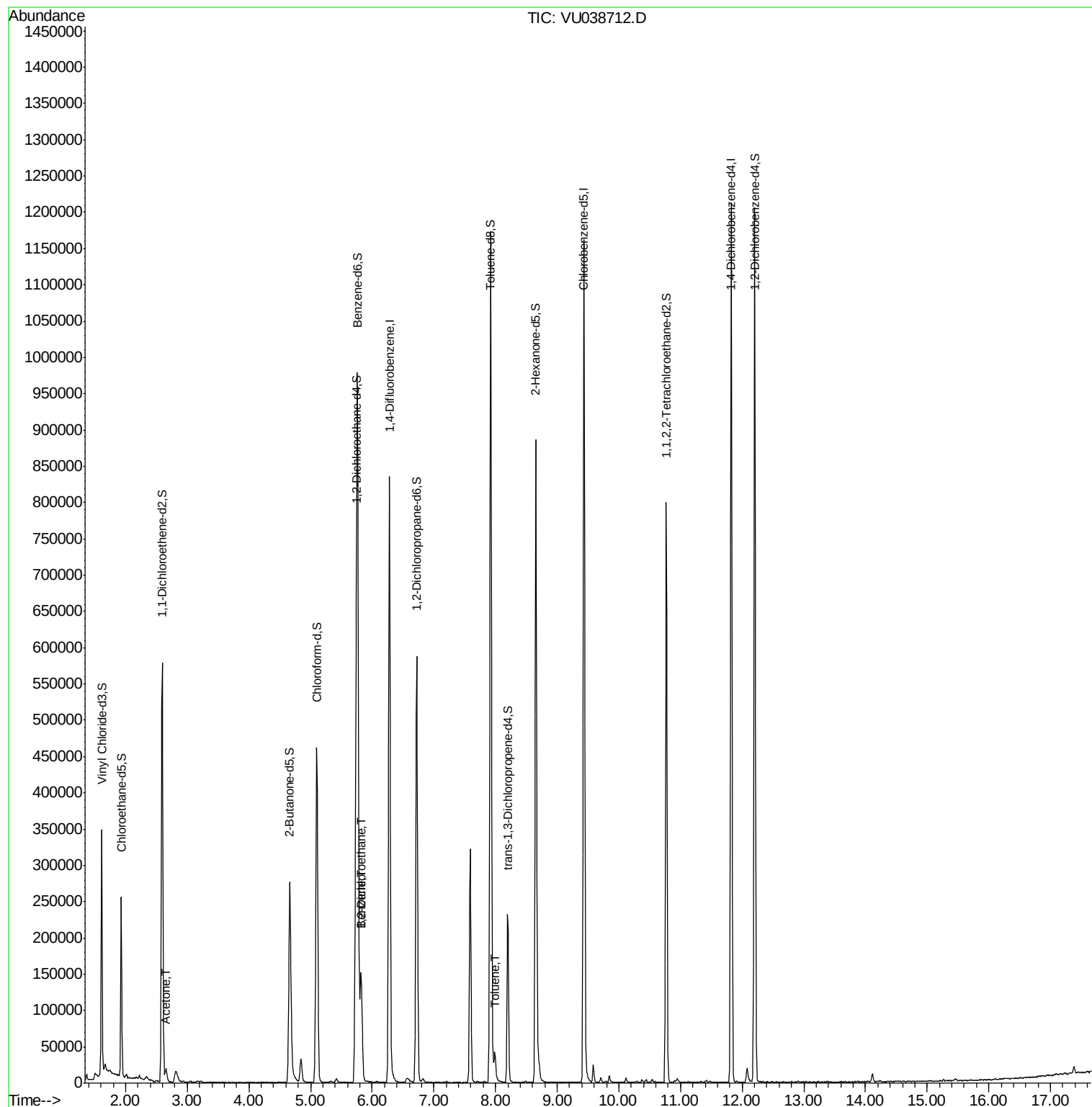
					Ovalue
13) Acetone	2.66	43	22325	7.376 ug/L	98
27) 1,2-Dichloroethane	5.83	62	80856	10.768 ug/L	99
33) Benzene	5.81	78	95225	4.839 ug/L	100
42) Toluene	7.99	91	23529	1.143 ug/L	100

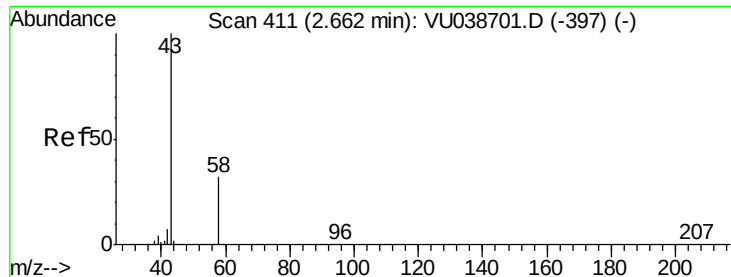
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.376 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.01 min

Lab File: VU038712.D

Acq: 09 Jun 2020 10:40

Instrument :

MSVOA_U

ClientSampleId :

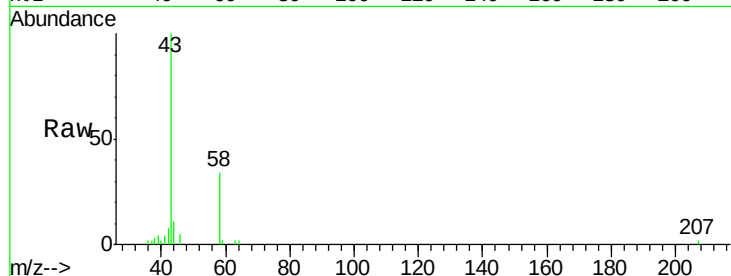
F9E54

Tot Ion: 43 Resp: 22325

Ion Ratio Lower Upper

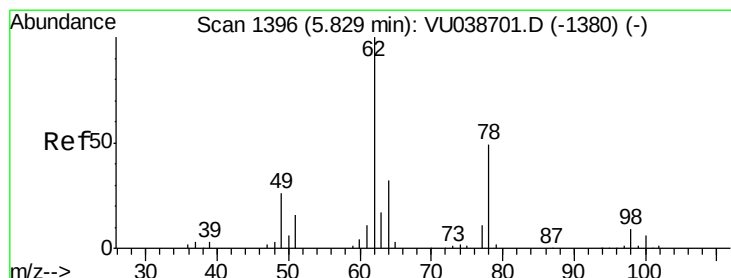
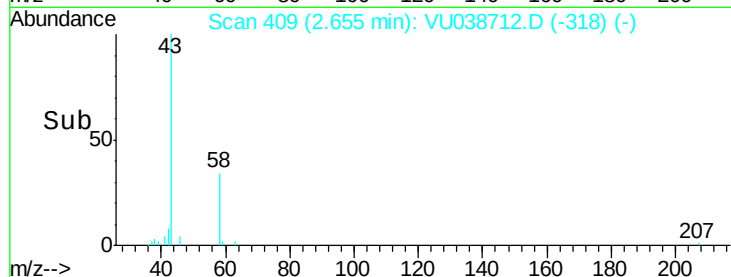
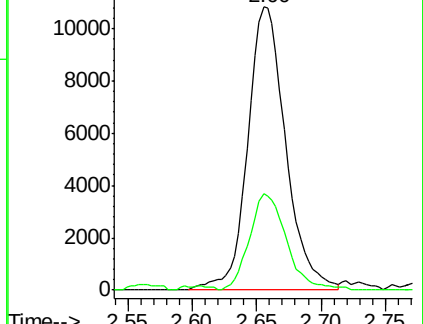
43 100

58 32.9 0.0 67.6



Abundance Ion 43.00 (42.70 to 43.70): VU038712.D (-409) (-)

Ion 58.00 (57.70 to 58.70): VU038712.D (-409) (-)



#27

1,2-Dichloroethane

Concen: 10.768 ug/L

RT: 5.83 min Scan# 1396

Delta R.T. 0.00 min

Lab File: VU038712.D

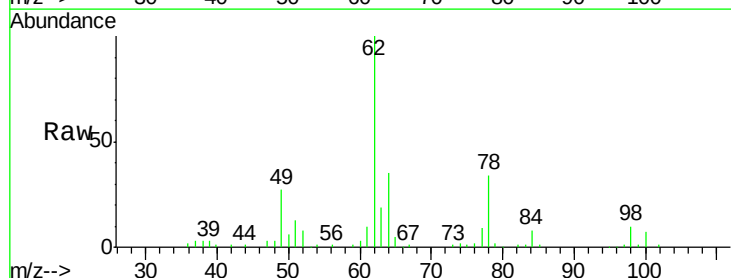
Acq: 09 Jun 2020 10:40

Tgt Ion: 62 Resp: 80856

Ion Ratio Lower Upper

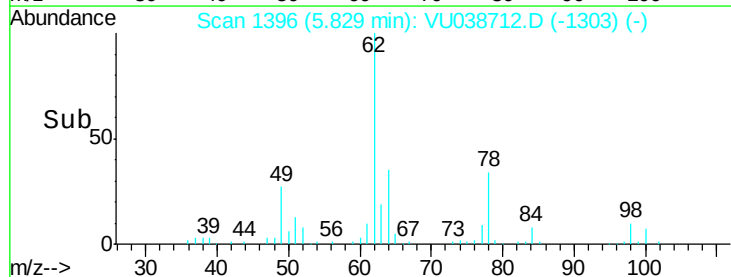
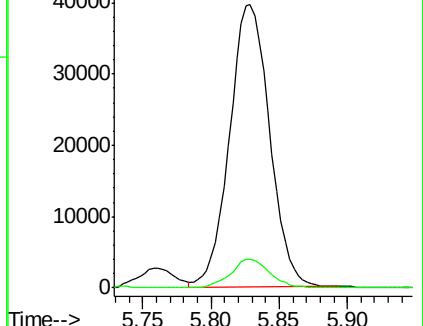
62 100

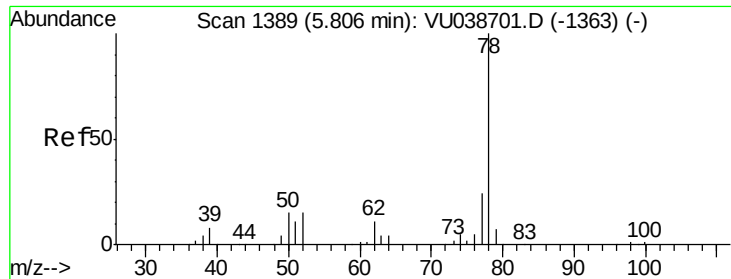
98 10.1 7.8 11.6



Abundance Ion 62.00 (61.70 to 62.70): VU038712.D (-1396) (-)

Ion 98.00 (97.70 to 98.70): VU038712.D (-1396) (-)





#33

Benzene

Concen: 4.839 ug/L

RT: 5.81 min Scan# 1390

Delta R.T. 0.00 min

Lab File: VU038712.D

Acq: 09 Jun 2020 10:40

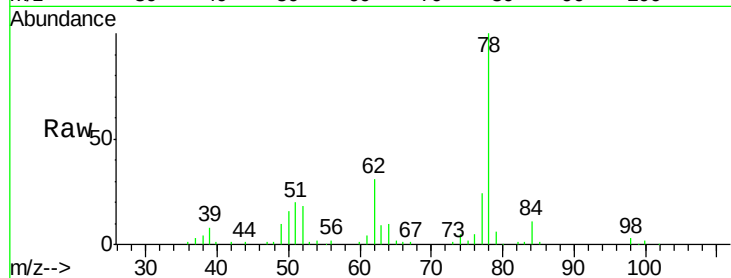
Instrument :

MSVOA_U

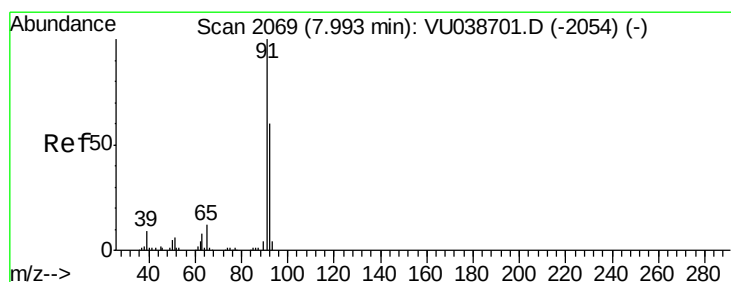
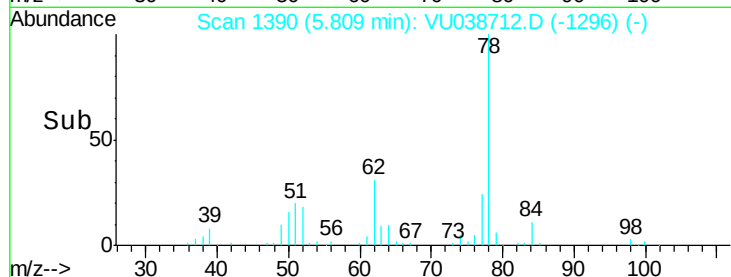
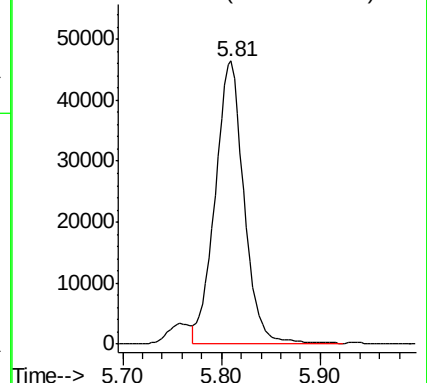
ClientSampleId :

F9E54

Tgt Ion: 78 Resp: 95225



Abundance Ion 78.00 (77.70 to 78.70): VU0



#42

Toluene

Concen: 1.143 ug/L

RT: 7.99 min Scan# 2069

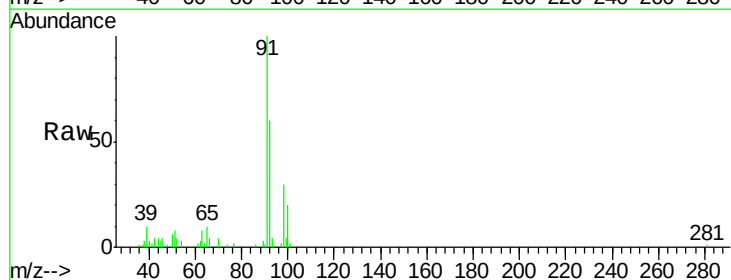
Delta R.T. 0.00 min

Lab File: VU038712.D

Acq: 09 Jun 2020 10:40

Tgt Ion: 91 Resp: 23529

Ion	Ratio	Lower	Upper
91	100		
92	59.9	42.2	78.4



Abundance Ion 91.00 (90.70 to 91.70): VU0

