

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U060920\
 Data File : VU038719.D
 Acq On : 09 Jun 2020 13:15
 Operator : SY/MD
 Sample : L2913-20
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9E76

Quant Time: Jun 10 00:36:19 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	623627	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	606457	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	286543	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	187347	53.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	107.54%
7) Chloroethane-d5	1.93	69	152299	56.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	112.70%
11) 1,1-Dichloroethene-d2	2.59	63	301049	39.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.28%
21) 2-Butanone-d5	4.67	46	391531	115.51	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.51%
24) Chloroform-d	5.10	84	387167	51.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.08%
26) 1,2-Dichloroethane-d4	5.74	65	262733	52.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.54%
32) Benzene-d6	5.76	84	811176	55.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.06%
36) 1,2-Dichloropropane-d6	6.72	67	248105	55.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.22%
41) Toluene-d8	7.92	98	706495	53.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.04%
43) trans-1,3-Dichloropropene-	8.20	79	113615	50.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.24%
47) 2-Hexanone-d5	8.65	63	284809	118.84	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	118.84%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	353207	52.59	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.18%
64) 1,2-Dichlorobenzene-d4	12.20	152	278057	55.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.78%

Target Compounds

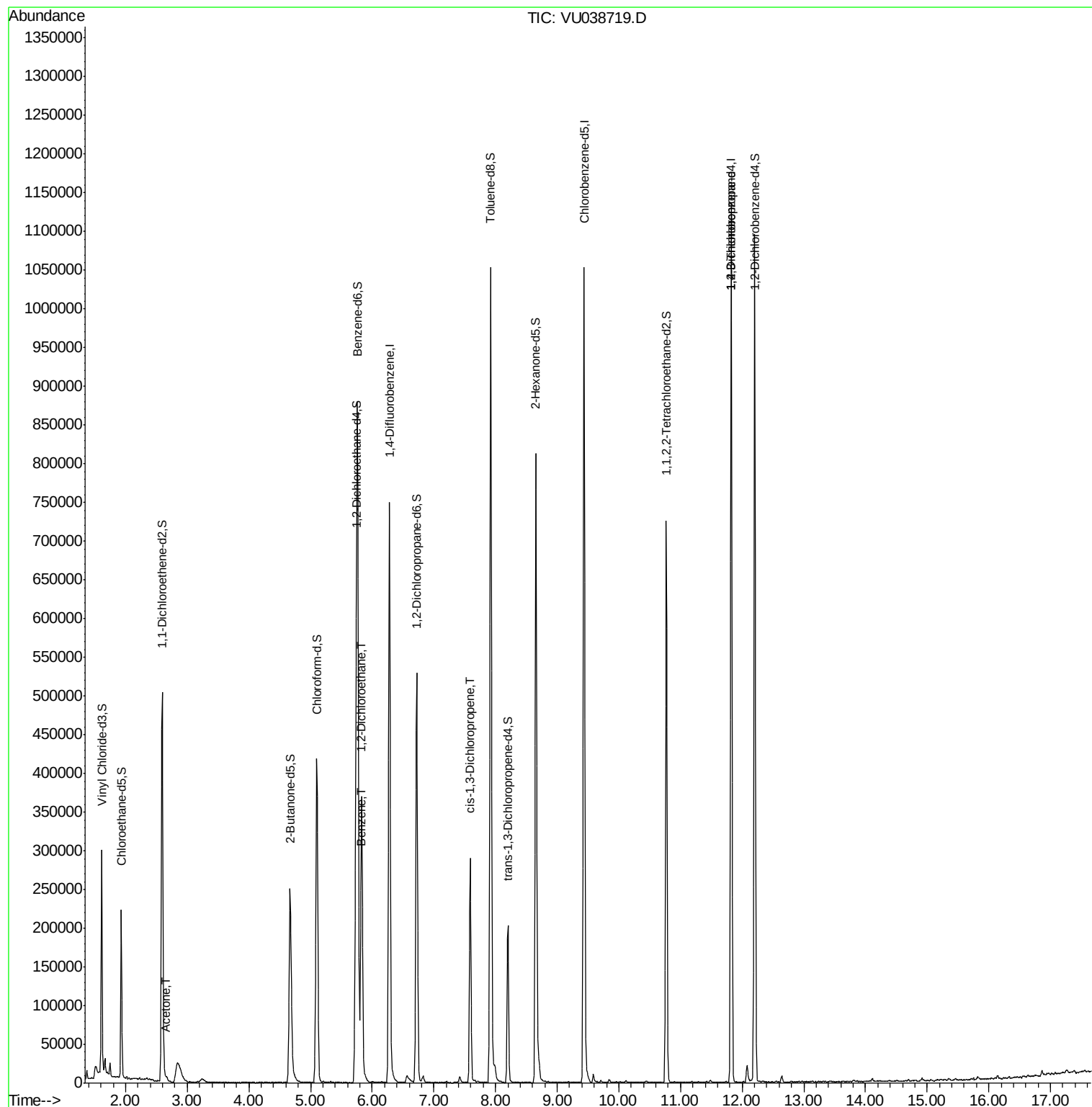
					Ovalue
13) Acetone	2.66	43	6855	2.510 ug/L	69
27) 1,2-Dichloroethane	5.83	62	299891	44.255 ug/L	100
33) Benzene	5.81	78	26729	1.484 ug/L	100
39) cis-1,3-Dichloropropene	7.59	75	6983	0.965 ug/L #	67
59) 1,2,3-Trichloropropane	11.82	75	35277	5.361 ug/L #	85

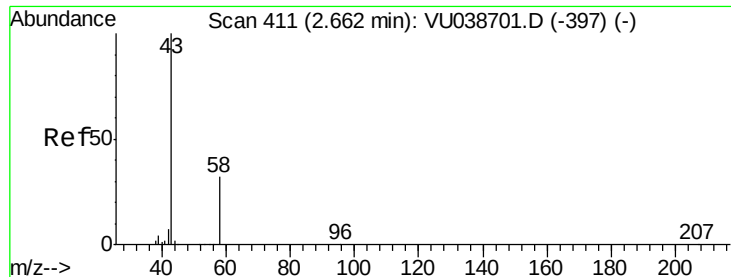
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.510 ug/L

RT: 2.66 min Scan# 412

Delta R.T. 0.00 min

Lab File: VU038719.D

Acq: 09 Jun 2020 13:15

Instrument :

MSVOA_U

ClientSampleId :

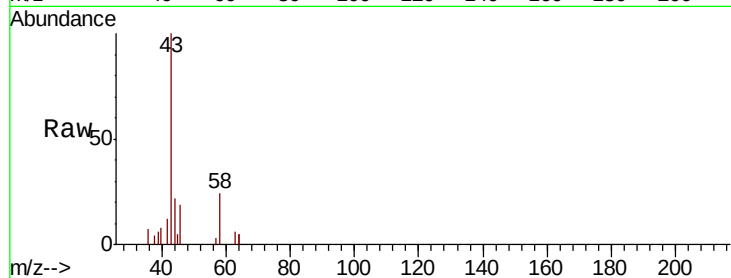
F9E76

Tot Ion: 43 Resp: 6855

Ion Ratio Lower Upper

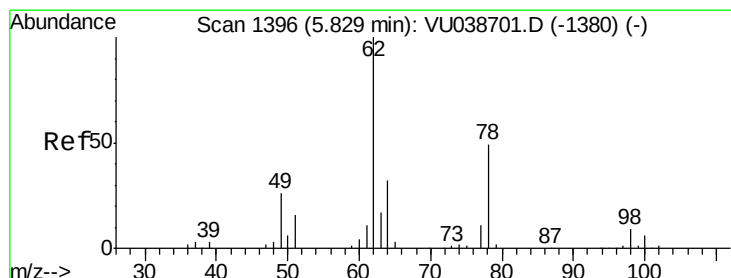
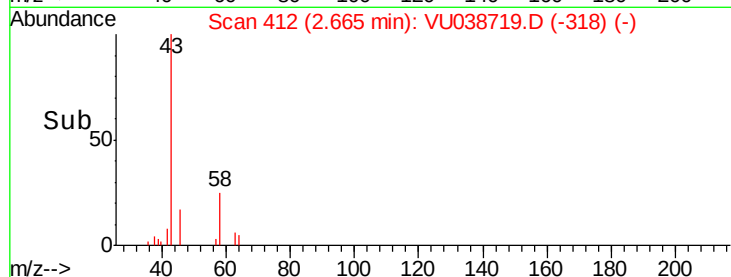
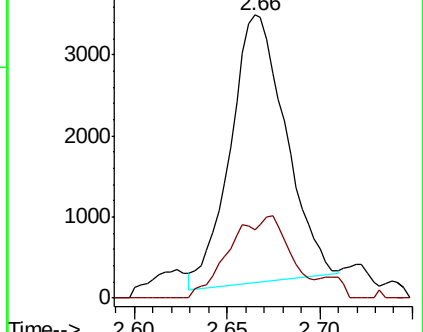
43 100

58 16.0 0.0 67.6



Abundance Ion 43.00 (42.70 to 43.70): VU038719.D (-1303) (-)

Ion 58.00 (57.70 to 58.70): VU038719.D (-1303) (-)



#27

1,2-Dichloroethane

Concen: 44.255 ug/L

RT: 5.83 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VU038719.D

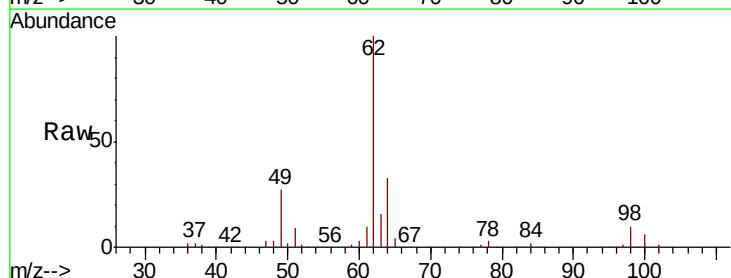
Acq: 09 Jun 2020 13:15

Tgt Ion: 62 Resp: 299891

Ion Ratio Lower Upper

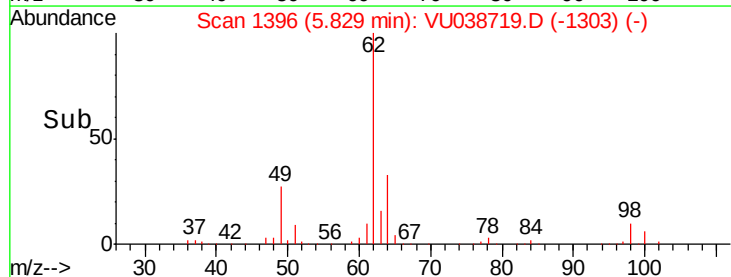
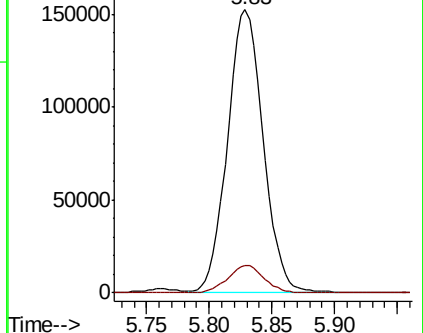
62 100

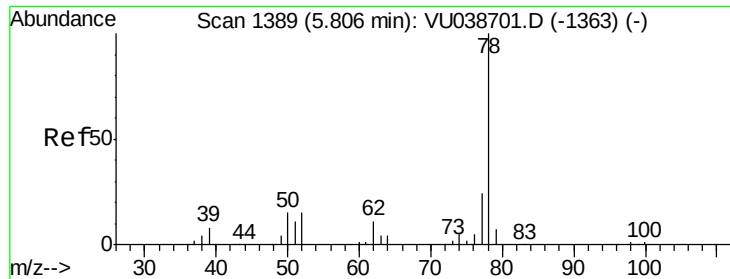
98 9.6 7.8 11.6



Abundance Ion 62.00 (61.70 to 62.70): VU038719.D (-1303) (-)

Ion 98.00 (97.70 to 98.70): VU038719.D (-1303) (-)





#33

Benzene

Concen: 1.484 ug/L

RT: 5.81 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VU038719.D

Acq: 09 Jun 2020 13:15

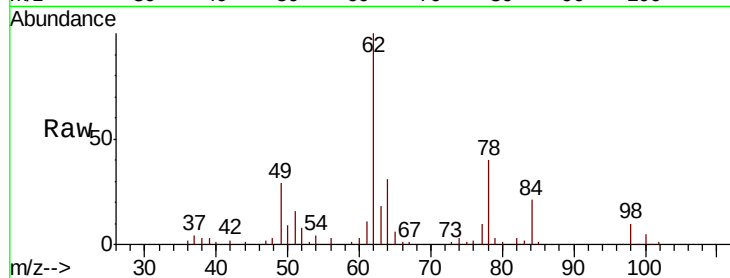
Instrument :

MSVOA_U

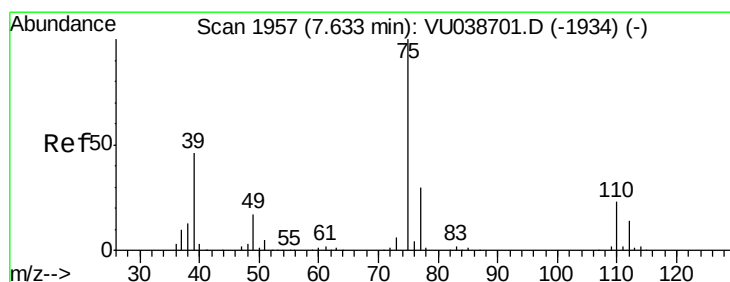
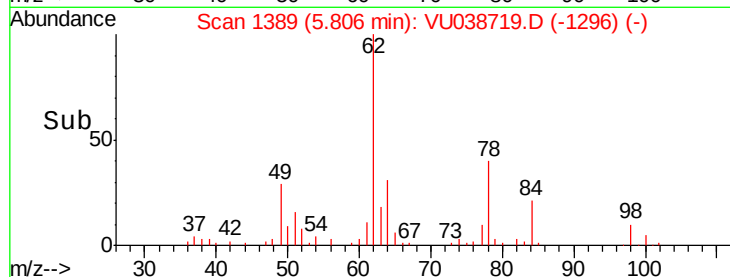
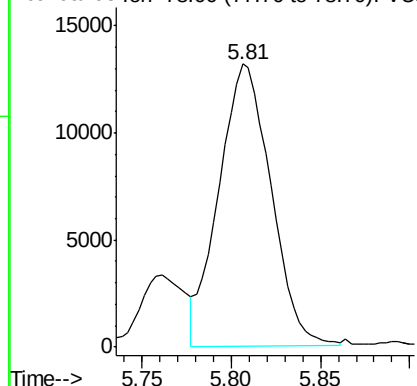
ClientSampleId :

F9E76

Tgt Ion: 78 Resp: 26729



Abundance Ion 78.00 (77.70 to 78.70): VU0



#39

cis-1,3-Dichloropropene

Concen: 0.965 ug/L

RT: 7.59 min Scan# 1944

Delta R.T. -0.04 min

Lab File: VU038719.D

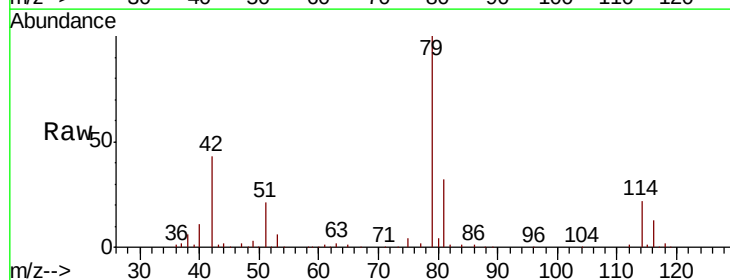
Acq: 09 Jun 2020 13:15

Tgt Ion: 75 Resp: 6983

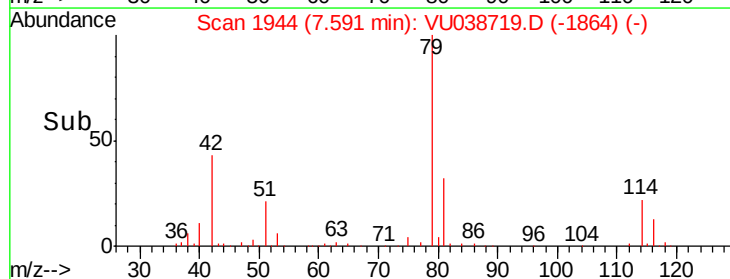
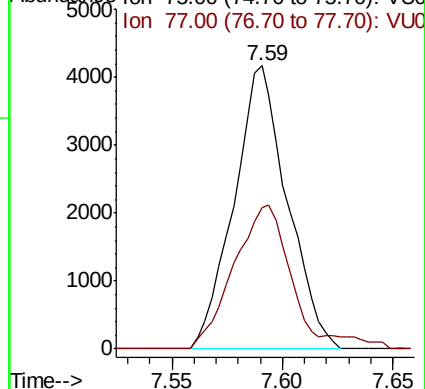
Ion Ratio Lower Upper

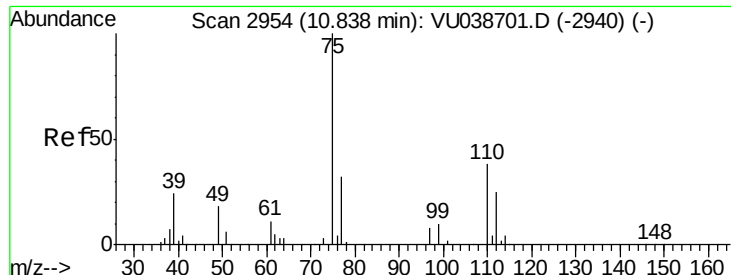
75 100

77 50.0 22.2 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VU0





#59

1,2,3-Trichloropropane

Concen: 5.361 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038719.D

Acq: 09 Jun 2020 13:15

Instrument :

MSVOA_U

ClientSampleId :

F9E76

Tot Ion: 75 Resp: 35277

Ion Ratio Lower Upper

75 100

77 39.8 25.3 37.9#

