

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060920\
 Data File : VU038714.D
 Acq On : 09 Jun 2020 11:24
 Operator : SY/MD
 Sample : L2913-14
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9E56

Quant Time: Jun 10 00:35:46 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	669792	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	643436	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	309015	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	206103	55.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	110.16%
7) Chloroethane-d5	1.93	69	165604	57.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	114.10%
11) 1,1-Dichloroethene-d2	2.59	63	317031	38.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.74%
21) 2-Butanone-d5	4.66	46	382204	104.98	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.98%
24) Chloroform-d	5.10	84	397643	49.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.56%
26) 1,2-Dichloroethane-d4	5.74	65	270525	50.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.18%
32) Benzene-d6	5.76	84	844174	54.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.94%
36) 1,2-Dichloropropane-d6	6.72	67	260044	54.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.88%
41) Toluene-d8	7.92	98	742266	53.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.00%
43) trans-1,3-Dichloropropene-	8.20	79	117988	49.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.12%
47) 2-Hexanone-d5	8.65	63	281099	110.56	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.56%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	365187	51.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.50%
64) 1,2-Dichlorobenzene-d4	12.20	152	292010	54.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.86%

Target Compounds

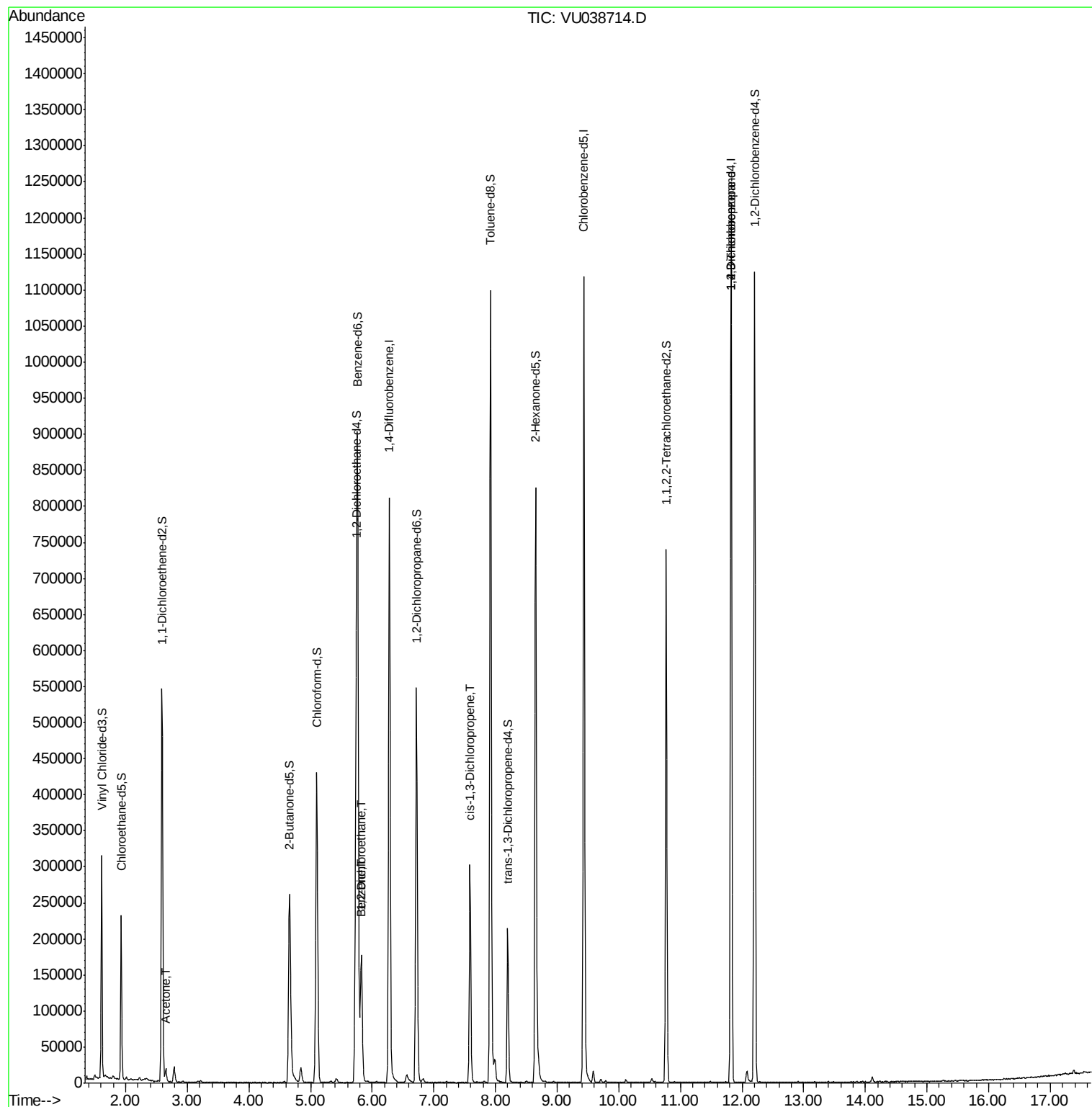
					Ovalue
13) Acetone	2.65	43	19699	6.715	ug/L 100
27) 1,2-Dichloroethane	5.83	62	124945	17.167	ug/L 99
33) Benzene	5.81	78	54377	2.846	ug/L 100
39) cis-1,3-Dichloropropene	7.59	75	7665	0.998	ug/L # 70
59) 1,2,3-Trichloropropane	11.82	75	38181	5.469	ug/L 92

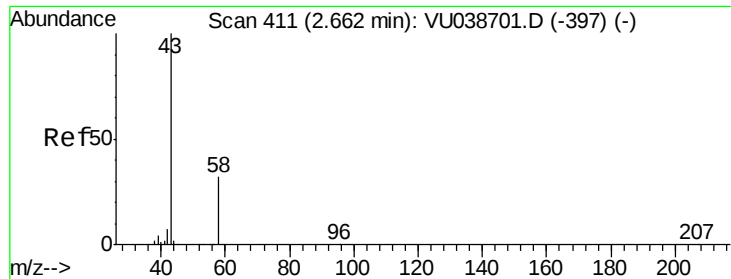
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.715 ug/L

RT: 2.65 min Scan# 408

Delta R.T. -0.01 min

Lab File: VU038714.D

Acq: 09 Jun 2020 11:24

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MSVOA_U

ClientSampleId :

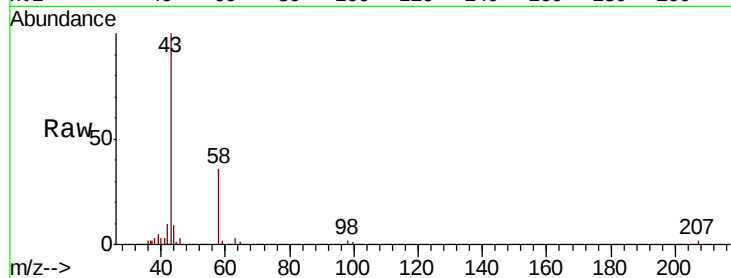
F9E56

Tot Ion: 43 Resp: 19699

Ion Ratio Lower Upper

43 100

58 33.6 0.0 67.6



Abundance Ion 43.00 (42.70 to 43.70): VU038714.D (-397) (-)

Ion 58.00 (57.70 to 58.70): VU038714.D (-397) (-)

12000

10000

8000

6000

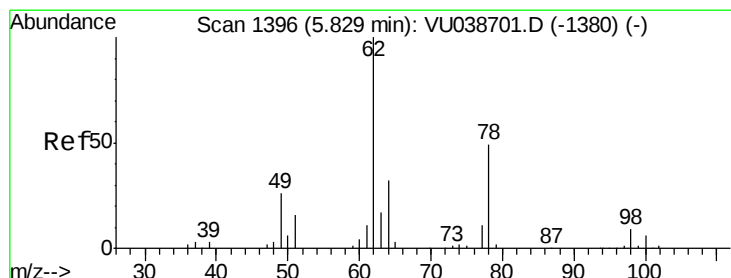
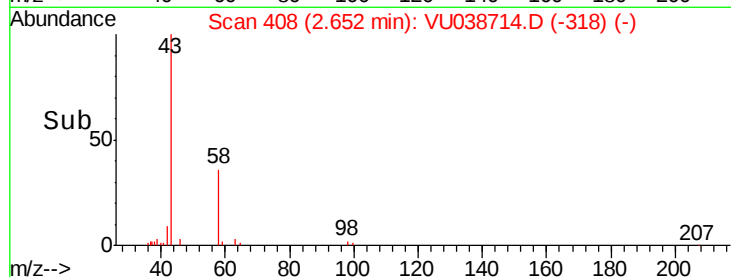
4000

2000

0

2.60 2.65 2.70

Time-->



#27

1,2-Dichloroethane

Concen: 17.167 ug/L

RT: 5.83 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VU038714.D

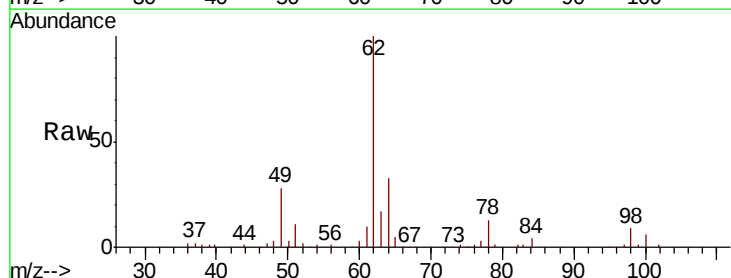
Acq: 09 Jun 2020 11:24

Tgt Ion: 62 Resp: 124945

Ion Ratio Lower Upper

62 100

98 9.2 7.8 11.6



Abundance Ion 62.00 (61.70 to 62.70): VU038714.D (-1380) (-)

Ion 98.00 (97.70 to 98.70): VU038714.D (-1380) (-)

60000

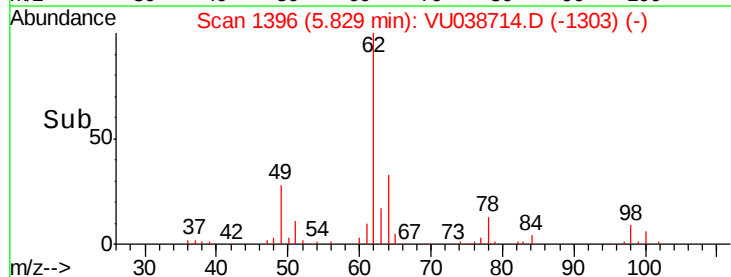
40000

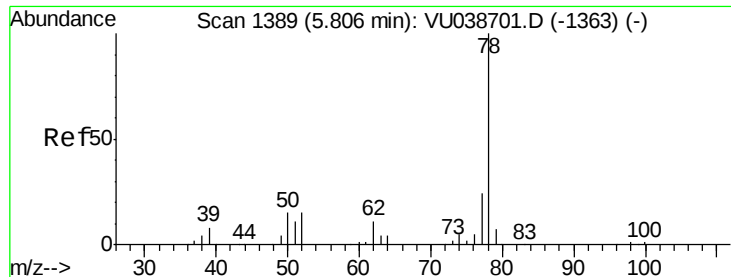
20000

0

5.75 5.80 5.85 5.90

Time-->





#33

Benzene

Concen: 2.846 ug/L

RT: 5.81 min Scan# 1390

Delta R.T. 0.00 min

Lab File: VU038714.D

Acq: 09 Jun 2020 11:24

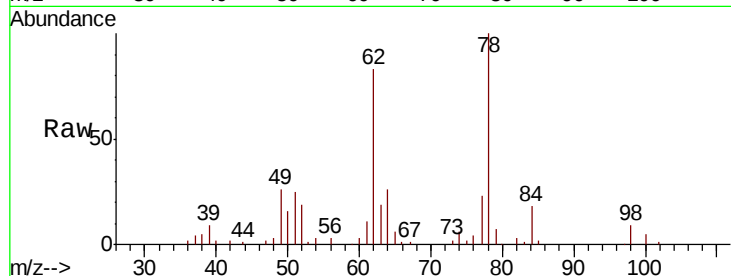
Instrument :

MSVOA_U

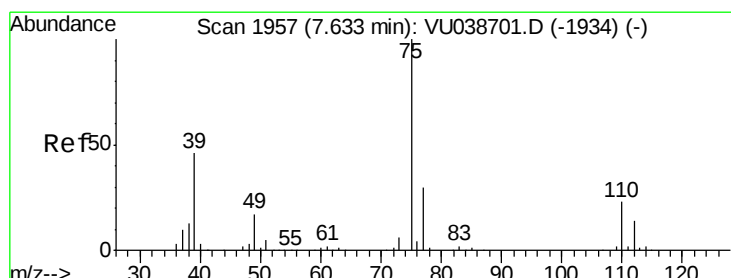
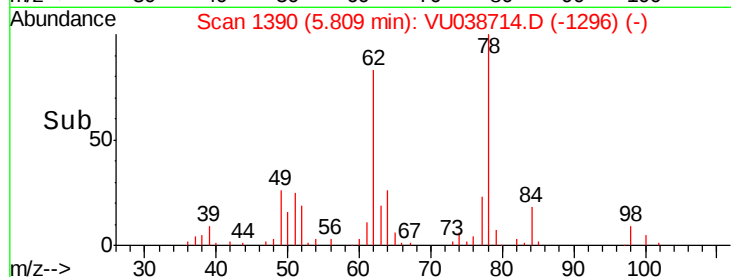
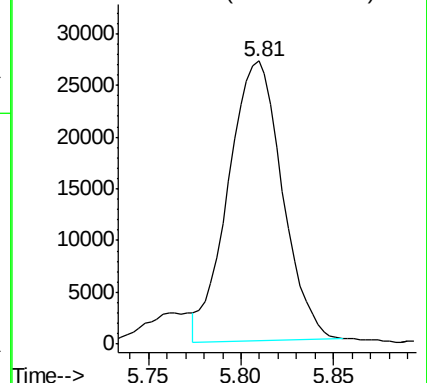
ClientSampleId :

F9E56

Tgt Ion: 78 Resp: 54377



Abundance Ion 78.00 (77.70 to 78.70): VU0



#39

cis-1,3-Dichloropropene

Concen: 0.998 ug/L

RT: 7.59 min Scan# 1944

Delta R.T. -0.04 min

Lab File: VU038714.D

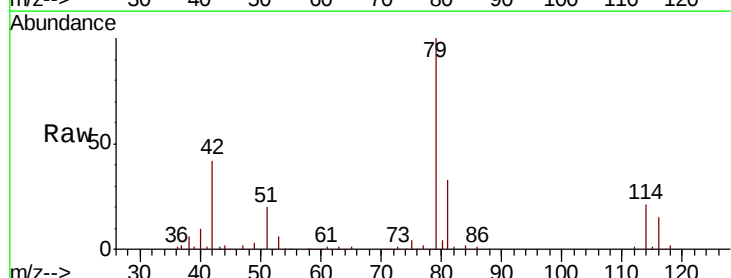
Acq: 09 Jun 2020 11:24

Tgt Ion: 75 Resp: 7665

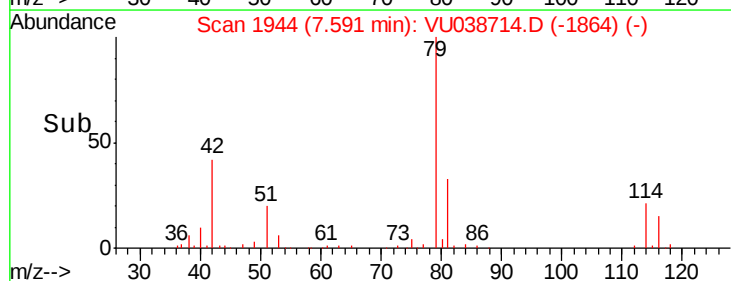
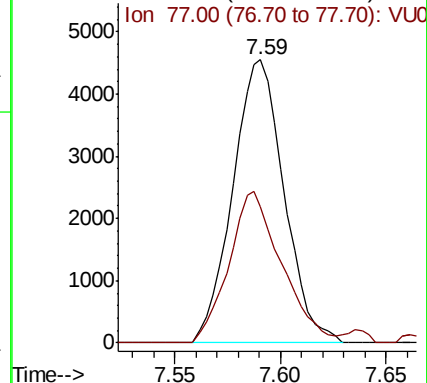
Ion Ratio Lower Upper

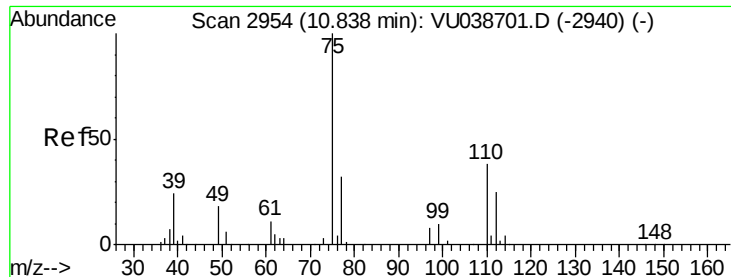
75 100

77 48.2 22.2 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VU0





#59

1,2,3-Trichloropropane

Concen: 5.469 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038714.D

Acq: 09 Jun 2020 11:24

Instrument :

MSVOA_U

ClientSampleId :

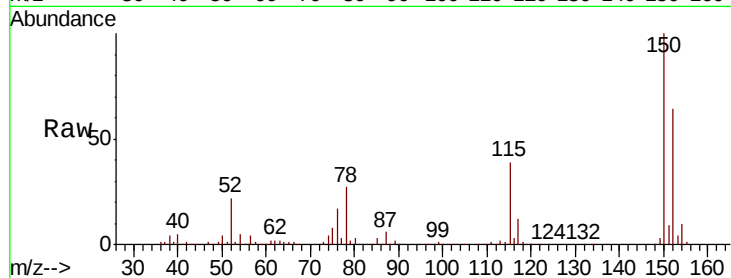
F9E56

Tot Ion: 75 Resp: 38181

Ion Ratio Lower Upper

75 100

77 36.0 25.3 37.9



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

