

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061120\
 Data File : VU038788.D
 Acq On : 10 Jun 2020 20:02
 Operator : SY/MD
 Sample : 12913-11
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9E53

Quant Time: Jun 11 03:45:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 11 03:42:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	590045	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	584216	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	272550	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	183521	55.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	111.34%
7) Chloroethane-d5	1.93	69	148219	57.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	115.92%
11) 1,1-Dichloroethene-d2	2.59	63	284763	39.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.26%
21) 2-Butanone-d5	4.67	46	351406	109.57	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.57%
24) Chloroform-d	5.10	84	358233	50.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.80%
26) 1,2-Dichloroethane-d4	5.74	65	251062	53.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.58%
32) Benzene-d6	5.76	84	732056	52.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.04%
36) 1,2-Dichloropropane-d6	6.72	67	222561	51.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.64%
41) Toluene-d8	7.92	98	629277	49.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.96%
43) trans-1,3-Dichloropropene-	8.20	79	106285	48.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.36%
47) 2-Hexanone-d5	8.65	63	243216	105.35	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.35%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	317660	49.10	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	253086	53.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.96%

Target Compounds

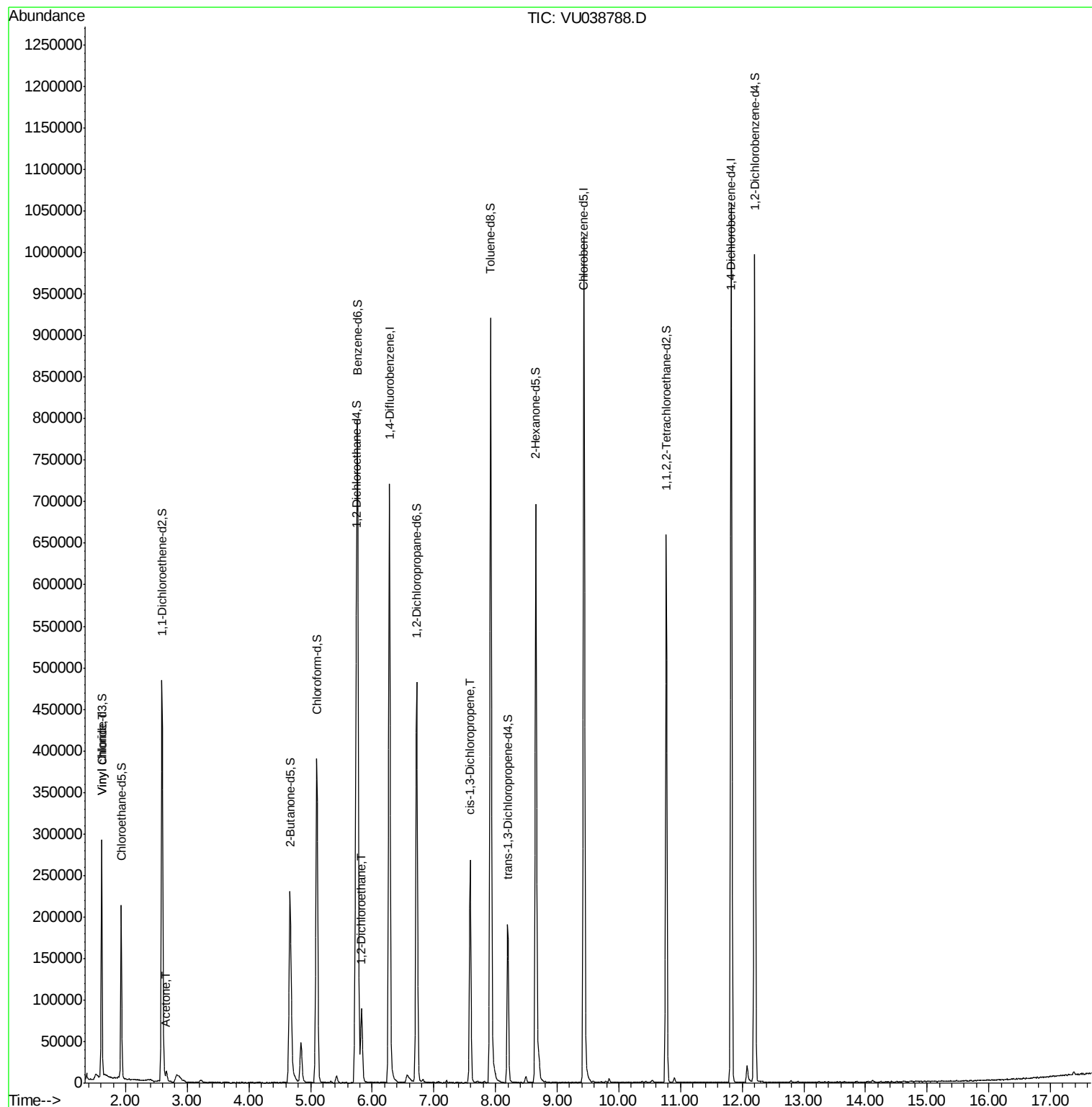
					Ovalue
5) Vinyl chloride	1.62	62	5113	1.083 ug/L #	1
13) Acetone	2.66	43	14060	5.440 ug/L	97
27) 1,2-Dichloroethane	5.83	62	69174	10.789 ug/L	99
39) cis-1,3-Dichloropropene	7.59	75	6624	0.950 ug/L #	63

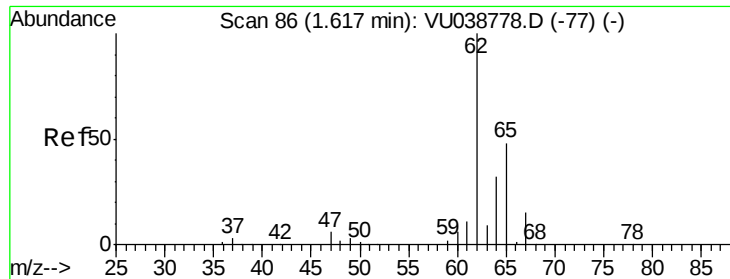
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.083 ug/L

RT: 1.62 min Scan# 86

Delta R.T. -0.00 min

Lab File: VU038788.D

Acq: 10 Jun 2020 20:02

Instrument :

MSVOA_U

ClientSampleId :

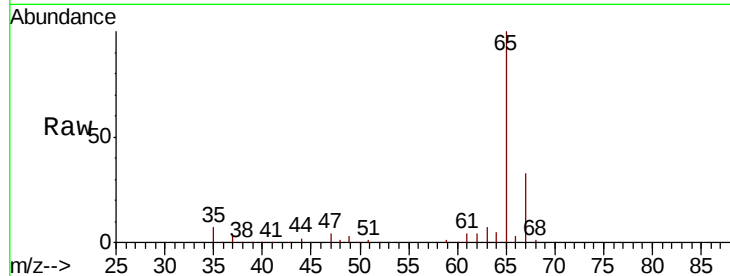
F9E53

Tot Ion: 62 Resp: 5113

Ion Ratio Lower Upper

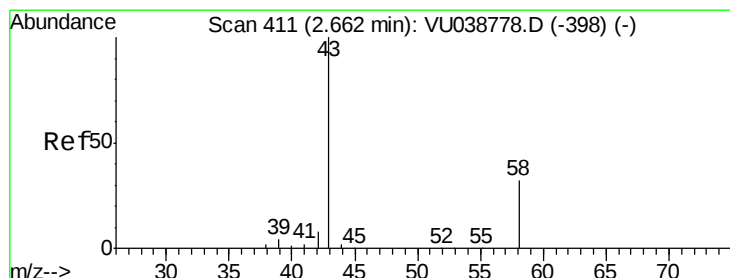
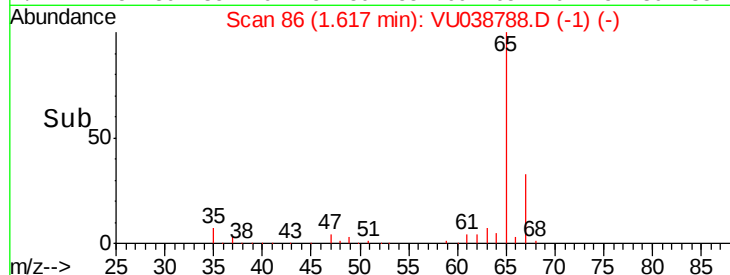
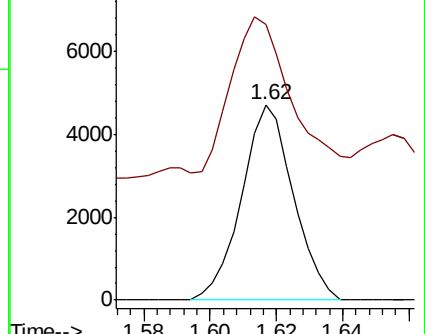
62 100

64 141.5 23.0 42.8#



Abundance Ion 62.00 (61.70 to 62.70): VU038778.D (-77) (-)

Ion 64.00 (63.70 to 64.70): VU038778.D (-77) (-)



#13

Acetone

Concen: 5.440 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.00 min

Lab File: VU038788.D

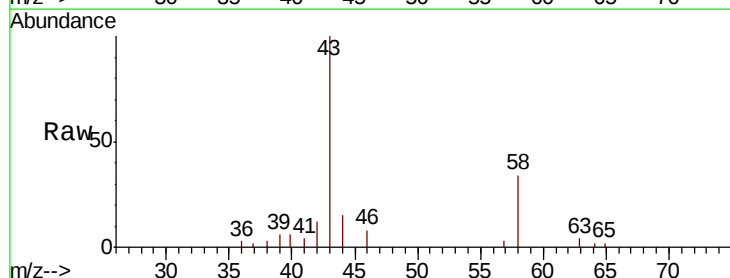
Acq: 10 Jun 2020 20:02

Tgt Ion: 43 Resp: 14060

Ion Ratio Lower Upper

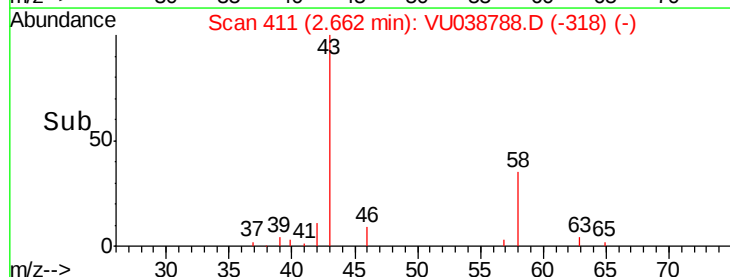
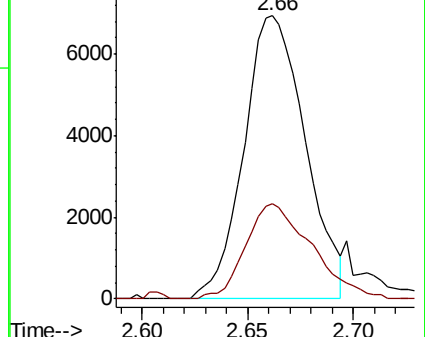
43 100

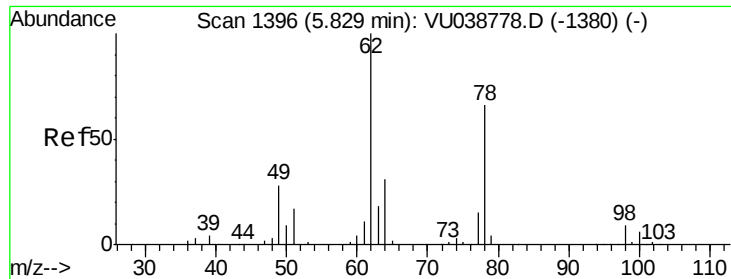
58 35.6 0.0 67.6



Abundance Ion 43.00 (42.70 to 43.70): VU038778.D (-398) (-)

Ion 58.00 (57.70 to 58.70): VU038778.D (-398) (-)

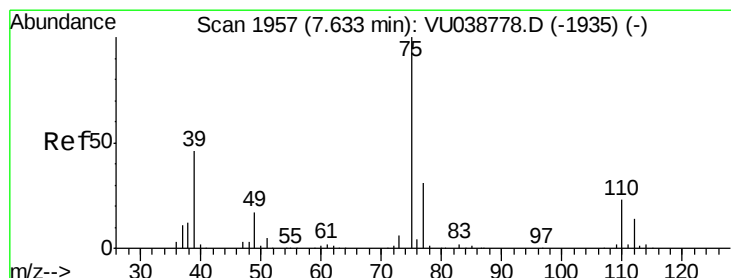
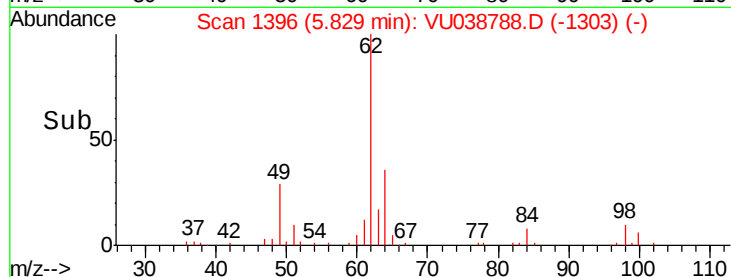
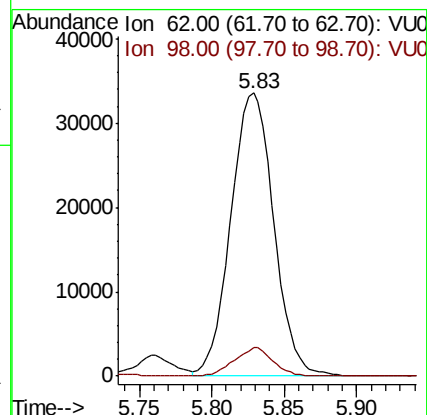
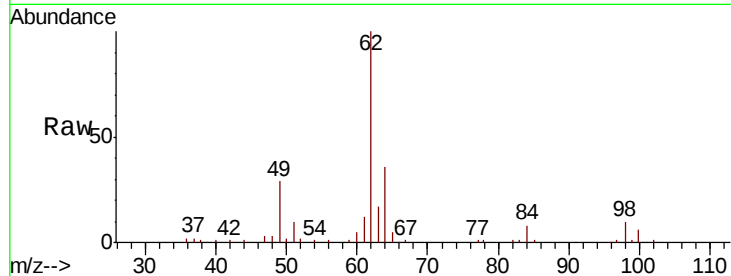




#27
 1,2-Dichloroethane
 Concen: 10.789 ug/L
 RT: 5.83 min Scan# 1396
 Delta R.T. -0.00 min
 Lab File: VU038788.D
 Acq: 10 Jun 2020 20:02

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Tot Ion: 62 Resp: 69174
 Ion Ratio Lower Upper
 62 100
 98 9.9 7.8 11.6



#39
 cis-1,3-Dichloropropene
 Concen: 0.950 ug/L
 RT: 7.59 min Scan# 1943
 Delta R.T. -0.05 min
 Lab File: VU038788.D
 Acq: 10 Jun 2020 20:02

Tgt Ion: 75 Resp: 6624
 Ion Ratio Lower Upper
 75 100
 77 52.0 22.2 41.2#

