

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060520\
 Data File : VU038566.D
 Acq On : 05 Jun 2020 12:39
 Operator : SY/MD
 Sample : L2860-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D38

Quant Time: Jun 06 01:13:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jun 06 00:12:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	292007	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	285330	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	148246	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	68601	3.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.60%
7) Chloroethane-d5	1.93	69	60566	4.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.40%
11) 1,1-Dichloroethene-d2	2.59	63	110705	2.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.60%#
20) 2-Butanone-d5	4.67	46	296486	51.64	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.28%
24) Chloroform-d	5.10	84	165625	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	5.74	65	97418	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.76	84	325143	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
36) 1,2-Dichloropropane-d6	6.72	67	101241	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.40%
41) Toluene-d8	7.92	98	272703	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
43) trans-1,3-Dichloropropene-	8.20	79	38663	4.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.00%
46) 2-Hexanone-d5	8.65	63	242613	52.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.30%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	95280	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	122163	4.78	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.60%

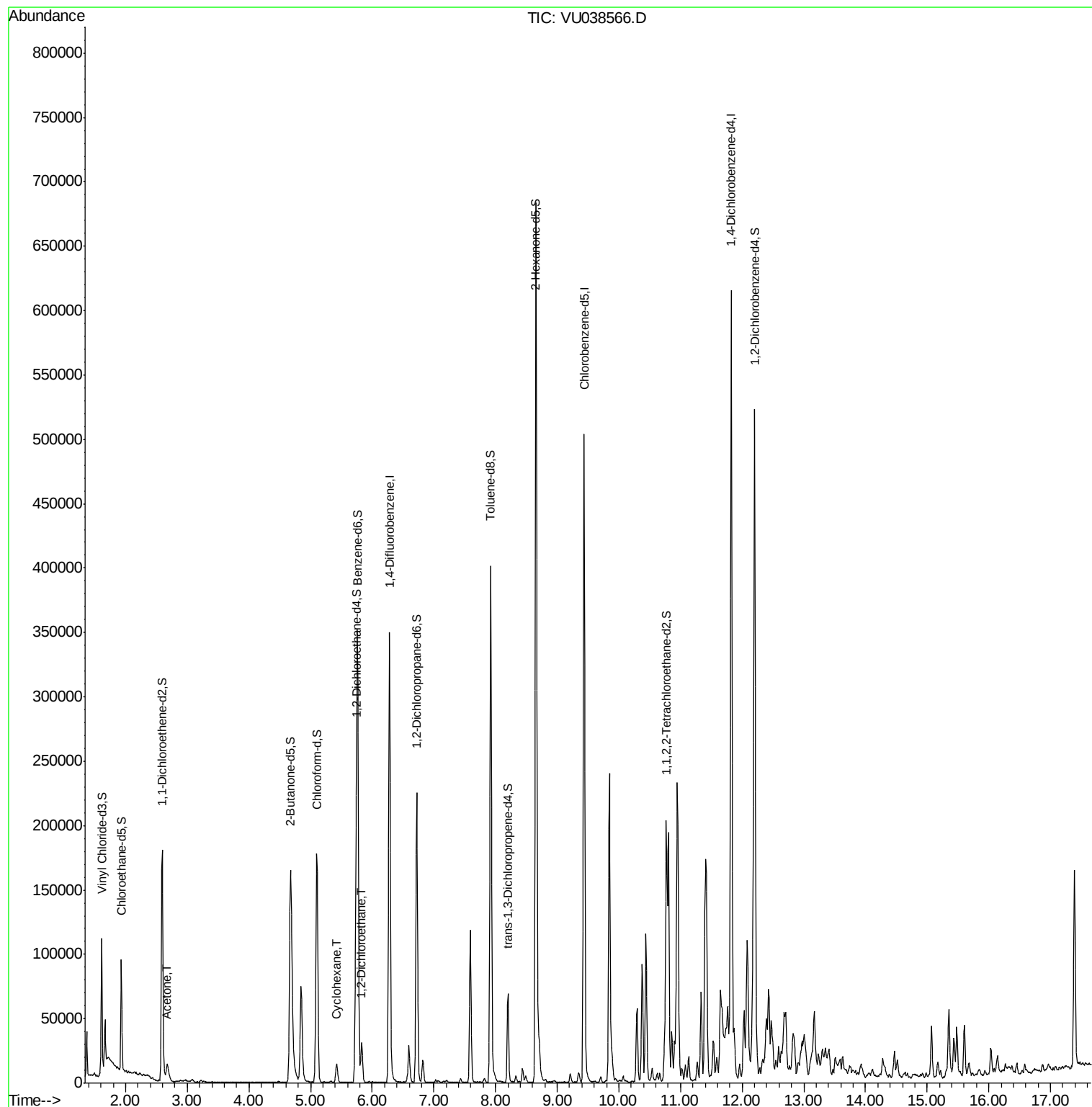
Target Compounds					Ovalue
13) Acetone	2.68	43	22700	6.042 ug/L	94
27) 1,2-Dichloroethane	5.83	62	23564	0.950 ug/L	97
30) Cyclohexane	5.42	56	6955	0.220 ug/L	98

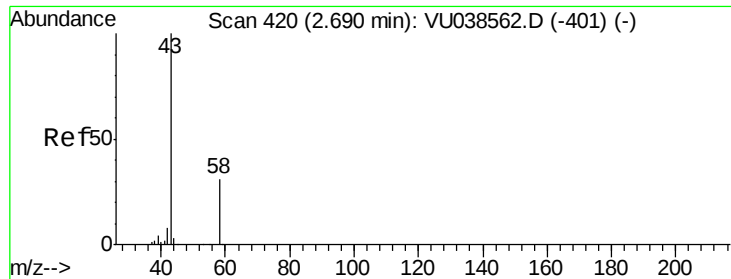
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.042 ug/L

RT: 2.68 min Scan# 416

Delta R.T. -0.01 min

Lab File: VU038566.D

Acq: 05 Jun 2020 12:39

Instrument :

MSVOA_U

ClientSampled :

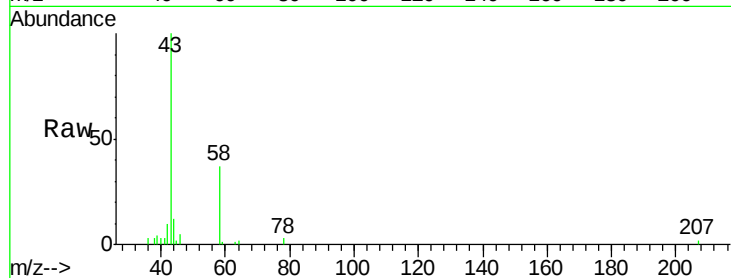
F9D38

Tot Ion: 43 Resp: 22700

Ion Ratio Lower Upper

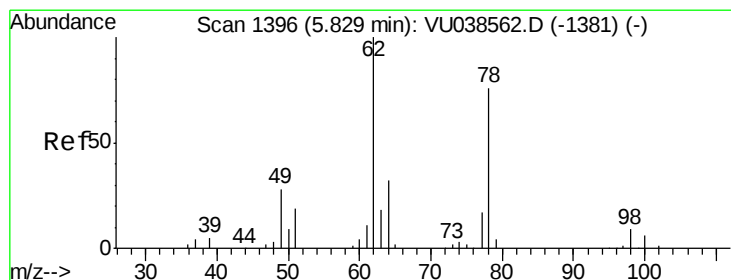
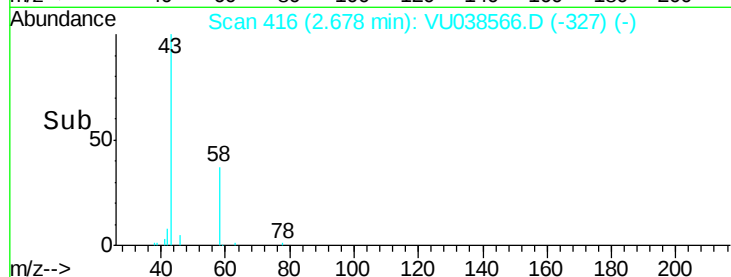
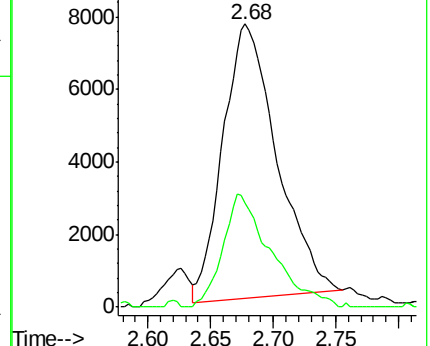
43 100

58 36.4 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#27

1,2-Dichloroethane

Concen: 0.950 ug/L

RT: 5.83 min Scan# 1396

Delta R.T. 0.00 min

Lab File: VU038566.D

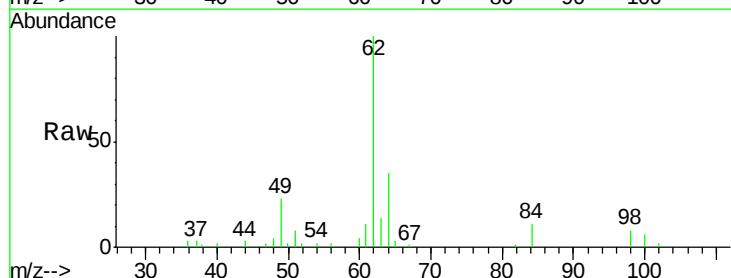
Acq: 05 Jun 2020 12:39

Tgt Ion: 62 Resp: 23564

Ion Ratio Lower Upper

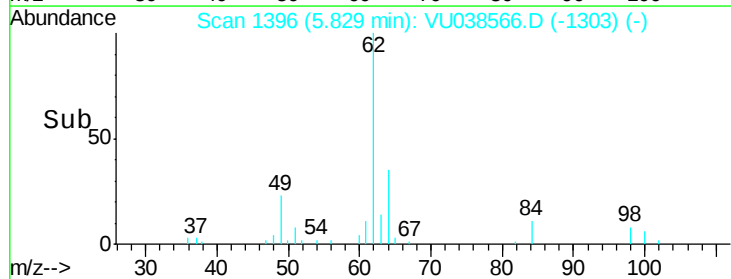
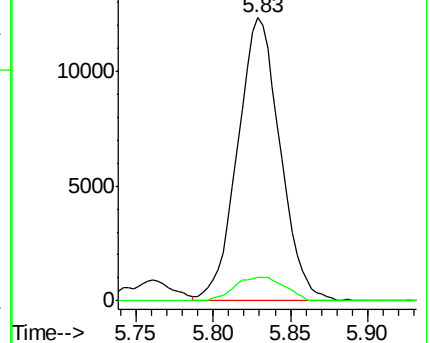
62 100

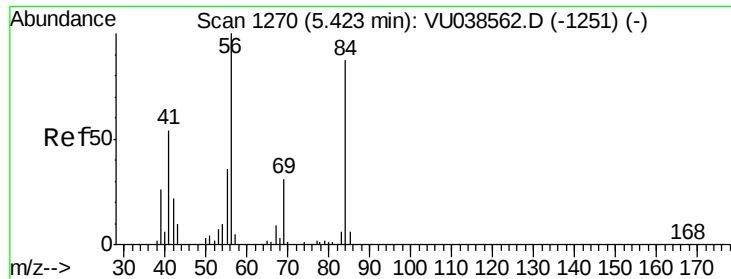
98 8.2 7.4 11.2



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.05 (97.75 to 98.75): VU0





#30
Cyclohexane
Concen: 0.220 ug/L
RT: 5.42 min Scan# 1269
Delta R.T. -0.00 min
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Tot Ion	Ratio	Lower	Upper
56	100		
69	30.8	24.2	36.4
84	86.2	70.8	106.2

