

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060520\
 Data File : VU038597.D
 Acq On : 06 Jun 2020 03:18
 Operator : SY/MD
 Sample : L2910-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D08

Quant Time: Jun 06 06:35:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jun 06 06:21:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	296722	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	290012	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	144246	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	63316	3.30	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.00%
7) Chloroethane-d5	1.93	69	58512	3.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.20%
11) 1,1-Dichloroethene-d2	2.59	63	104892	2.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.60%#
20) 2-Butanone-d5	4.68	46	307696	52.74	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.48%
24) Chloroform-d	5.10	84	162583	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
26) 1,2-Dichloroethane-d4	5.74	65	95999	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
32) Benzene-d6	5.76	84	322100	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
36) 1,2-Dichloropropane-d6	6.72	67	101377	4.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.00%
41) Toluene-d8	7.92	98	270905	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.40%
43) trans-1,3-Dichloropropene-	8.20	79	38820	4.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.00%
46) 2-Hexanone-d5	8.65	63	256979	54.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.70%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	94248	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	117405	4.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.40%

Target Compounds

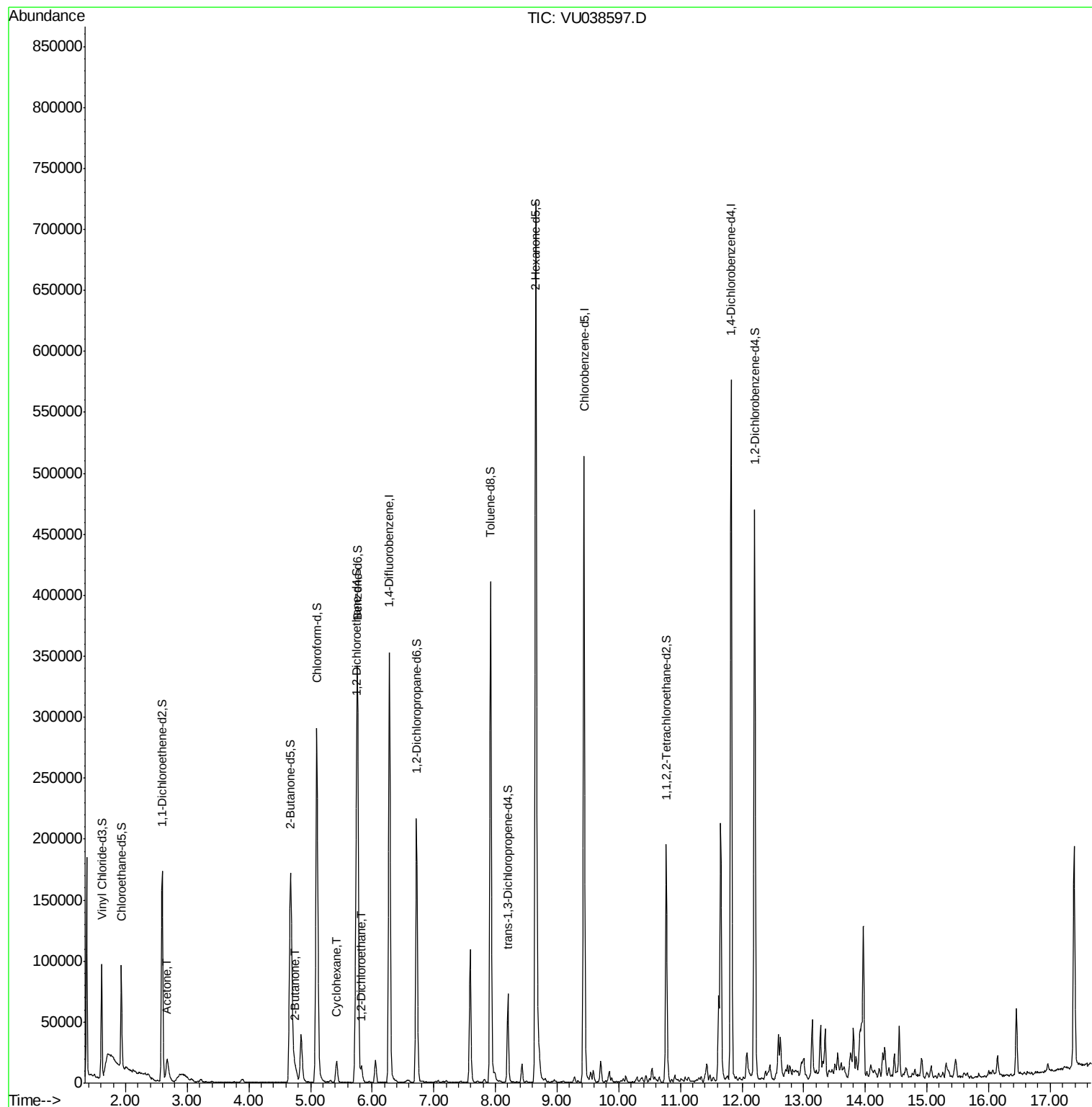
					Ovalue
13) Acetone	2.67	43	36113	9.459 ug/L	96
21) 2-Butanone	4.76	43	10821	1.685 ug/L	85
27) 1,2-Dichloroethane	5.83	62	8046	0.319 ug/L	98
30) Cyclohexane	5.43	56	8442	0.262 ug/L	97

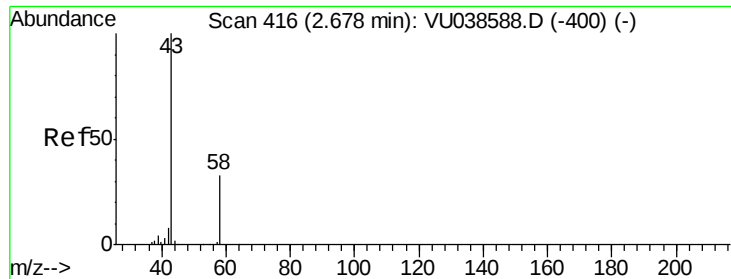
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 9.459 ug/L

RT: 2.67 min Scan# 415

Delta R.T. -0.00 min

Lab File: VU038597.D

Acq: 06 Jun 2020 03:18

Instrument :

MSVOA_U

ClientSampleId :

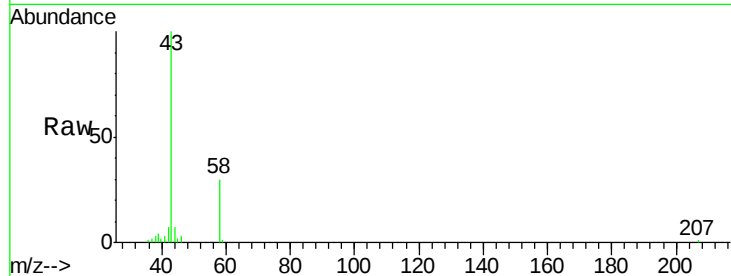
F9D08

Tot Ion: 43 Resp: 36113

Ion Ratio Lower Upper

43 100

58 30.4 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU038588.D (-400) (-)

Ion 58.05 (57.75 to 58.75): VU038588.D (-400) (-)

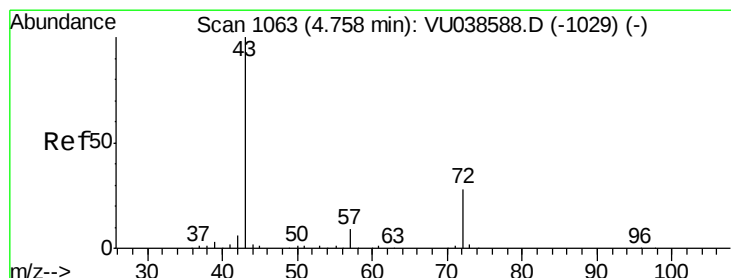
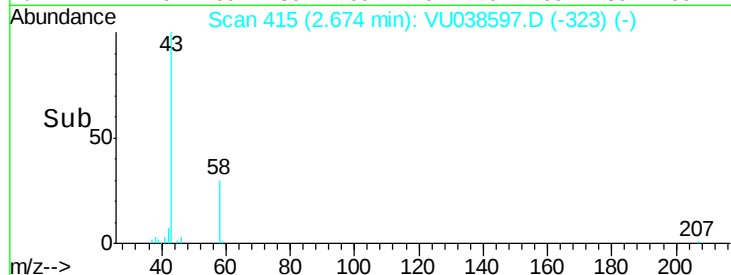
2.67

10000

5000

0

Time-->



#21

2-Butanone

Concen: 1.685 ug/L

RT: 4.76 min Scan# 1063

Delta R.T. 0.00 min

Lab File: VU038597.D

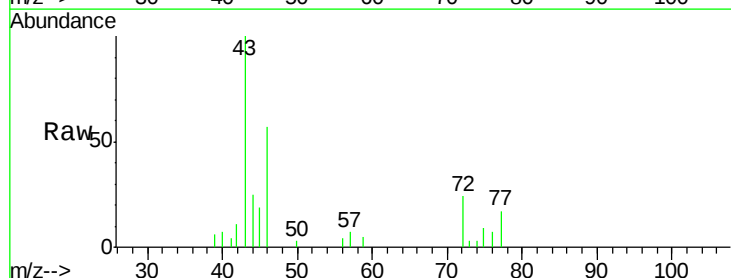
Acq: 06 Jun 2020 03:18

Tgt Ion: 43 Resp: 10821

Ion Ratio Lower Upper

43 100

72 32.7 12.6 37.8



Abundance Ion 43.05 (42.75 to 43.75): VU038588.D (-1029) (-)

Ion 72.10 (71.80 to 72.80): VU038588.D (-1029) (-)

4.76

25000

20000

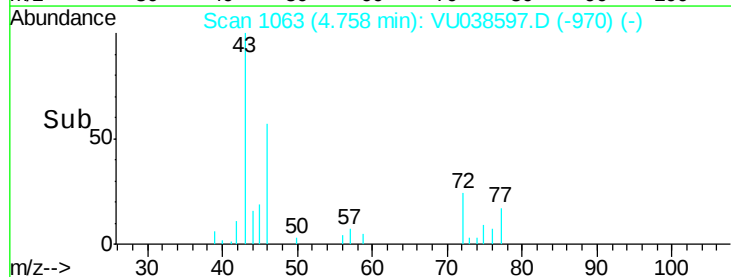
15000

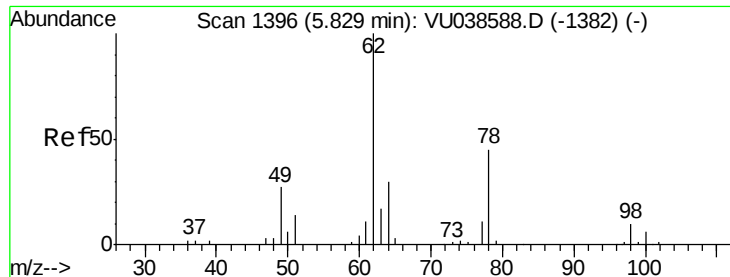
10000

5000

0

Time-->

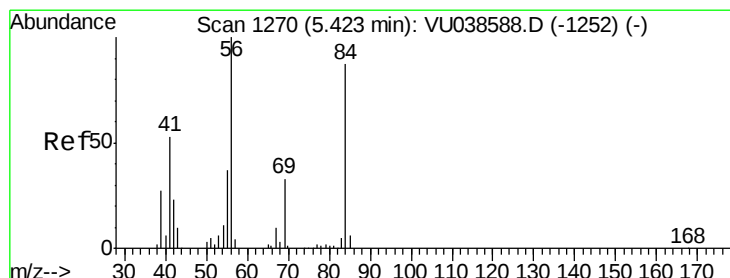
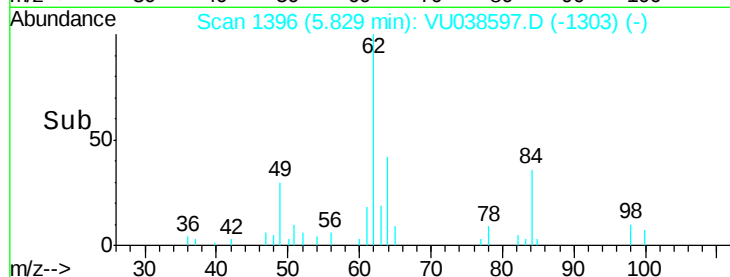
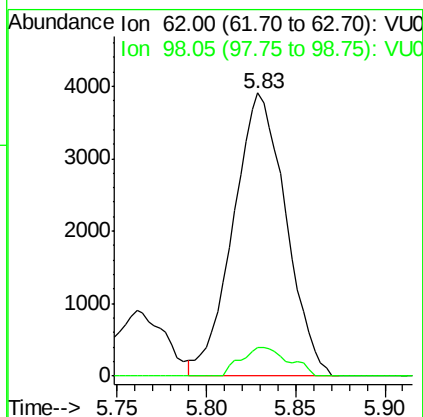
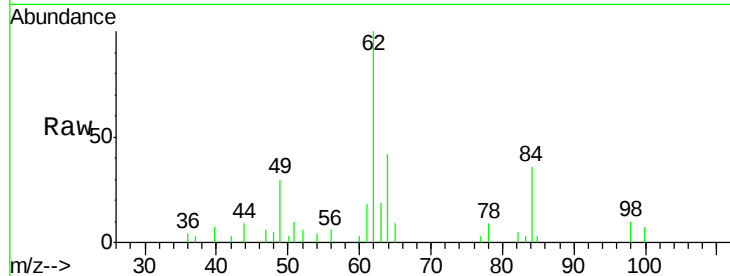




#27
 1,2-Dichloroethane
 Concen: 0.319 ug/L
 RT: 5.83 min Scan# 1396
 Delta R.T. 0.00 min
 Lab File: VU038597.D
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Tot Ion: 62 Resp: 8046
 Ion Ratio Lower Upper
 62 100
 98 10.0 7.4 11.2



#30
 Cyclohexane
 Concen: 0.262 ug/L
 RT: 5.43 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VU038597.D
 Acq: 06 Jun 2020 03:18

Tgt Ion: 56 Resp: 8442
 Ion Ratio Lower Upper
 56 100
 69 30.2 24.2 36.4
 84 91.6 70.8 106.2

