

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060620\
 Data File : VU038620.D
 Acq On : 06 Jun 2020 16:30
 Operator : SY/MD
 Sample : L2910-20
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9E77

Quant Time: Jun 07 05:41:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sun Jun 07 04:01:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	299428	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	298037	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	149183	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	71277	3.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.60%
7) Chloroethane-d5	1.93	69	64718	4.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.00%
11) 1,1-Dichloroethene-d2	2.59	63	117778	3.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.80%
20) 2-Butanone-d5	4.67	46	336589	57.17	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.34%
24) Chloroform-d	5.10	84	179713	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	5.74	65	107120	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
32) Benzene-d6	5.76	84	354110	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.72	67	112015	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	7.92	98	293897	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
43) trans-1,3-Dichloropropene-	8.20	79	41131	4.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.60%
46) 2-Hexanone-d5	8.66	63	280961	57.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.64%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	103923	5.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	127695	4.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.20%

Target Compounds

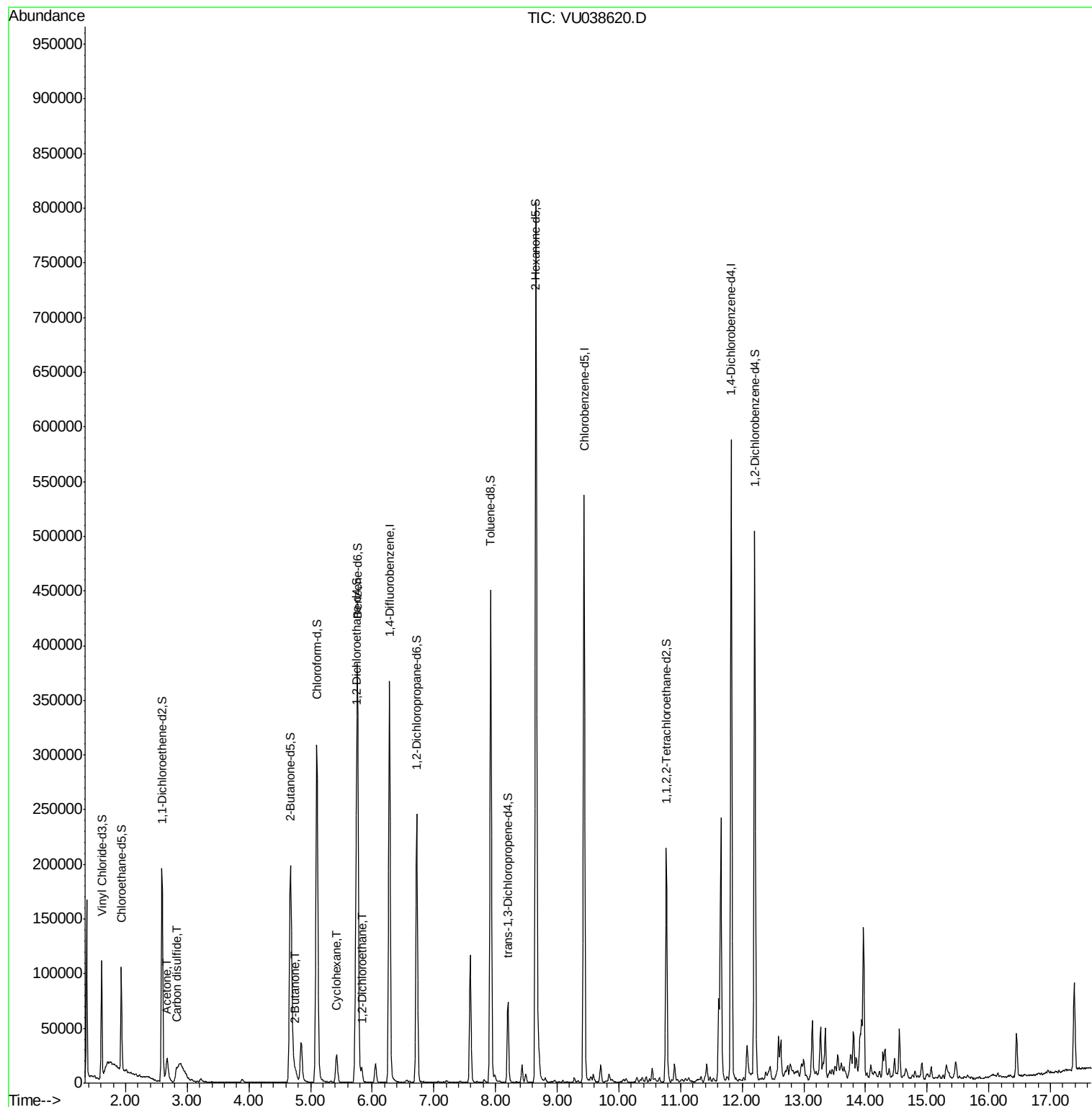
					Ovalue
13) Acetone	2.67	43	34378	8.923	ug/L 94
14) Carbon disulfide	2.82	76	7742	0.124	ug/L 97
21) 2-Butanone	4.76	43	11563	1.784	ug/L 95
27) 1,2-Dichloroethane	5.83	62	8628	0.339	ug/L 100
30) Cyclohexane	5.42	56	12497	0.378	ug/L 97

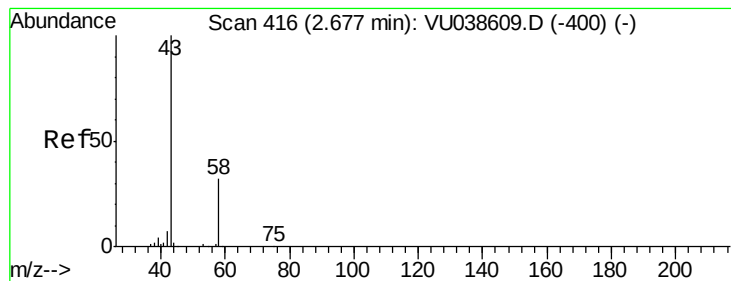
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 8.923 ug/L

RT: 2.67 min Scan# 414

Delta R.T. -0.01 min

Lab File: VU038620.D

Acq: 06 Jun 2020 16:30

Instrument :

MSVOA_U

ClientSampled :

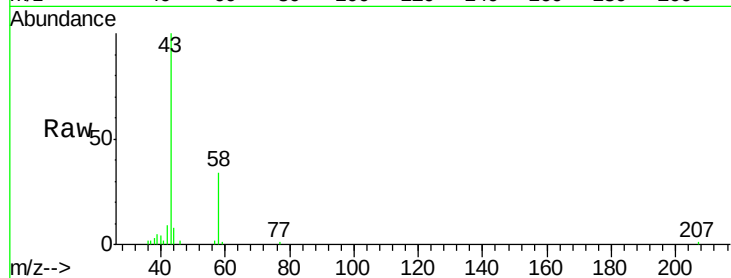
F9E77

Tot Ion: 43 Resp: 34378

Ion Ratio Lower Upper

43 100

58 36.1 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU038620.D (-323) (-)

Ion 58.05 (57.75 to 58.75): VU038620.D (-323) (-)

15000

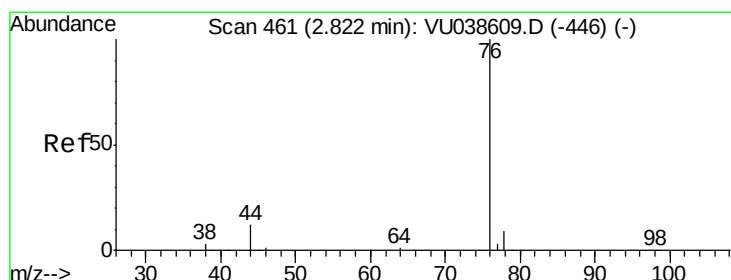
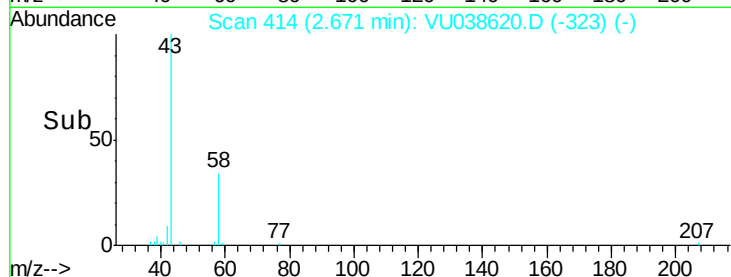
10000

5000

0

2.60 2.65 2.70 2.75 2.80

Time-->



#14

Carbon disulfide

Concen: 0.124 ug/L

RT: 2.82 min Scan# 461

Delta R.T. 0.00 min

Lab File: VU038620.D

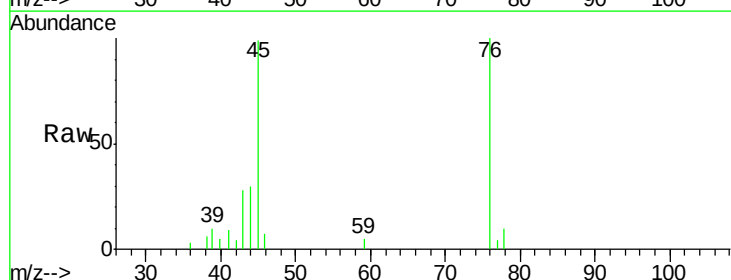
Acq: 06 Jun 2020 16:30

Tgt Ion: 76 Resp: 7742

Ion Ratio Lower Upper

76 100

78 10.0 7.3 10.9



Abundance Ion 76.05 (75.75 to 76.75): VU038620.D (-368) (-)

Ion 78.00 (77.70 to 78.70): VU038620.D (-368) (-)

5000

4000

3000

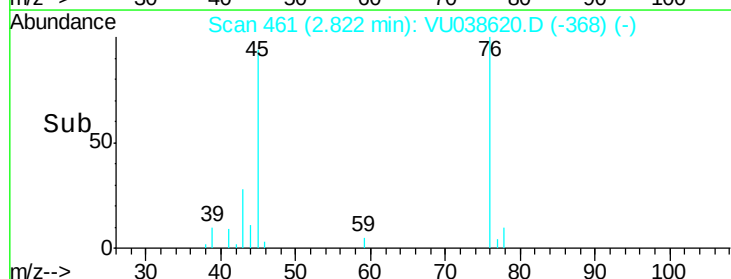
2000

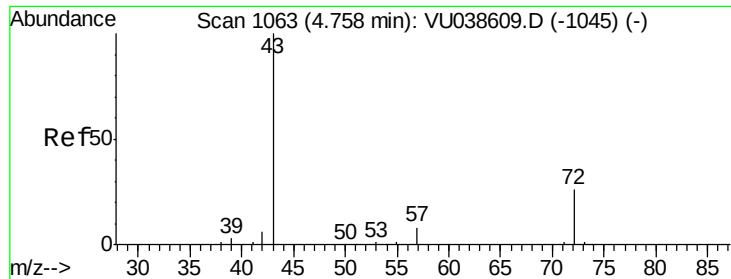
1000

0

2.75 2.80 2.85

Time-->





#21

2-Butanone

Concen: 1.784 ug/L

RT: 4.76 min Scan# 1063

Delta R.T. 0.00 min

Lab File: VU038620.D

Acq: 06 Jun 2020 16:30

Instrument :

MSVOA_U

ClientSampleId :

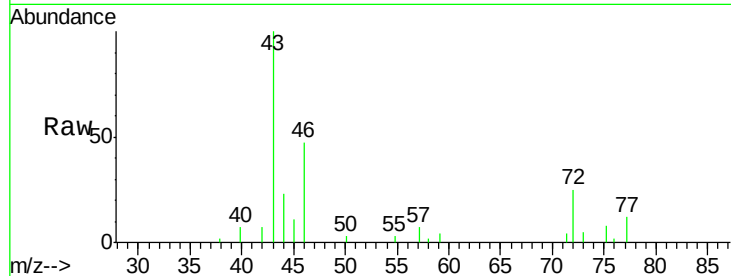
F9E77

Tot Ion: 43 Resp: 11563

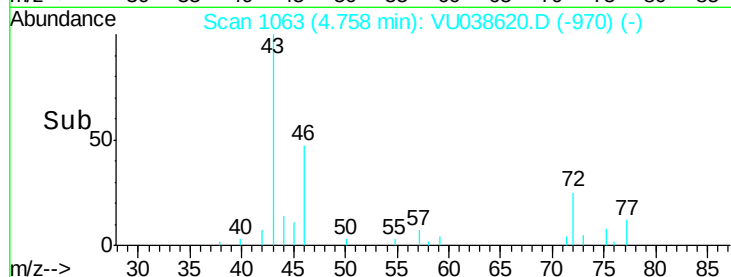
Ion Ratio Lower Upper

43 100

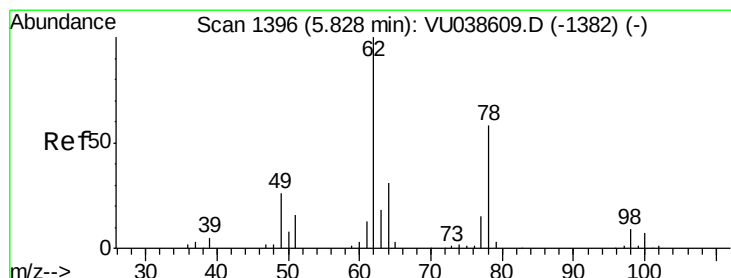
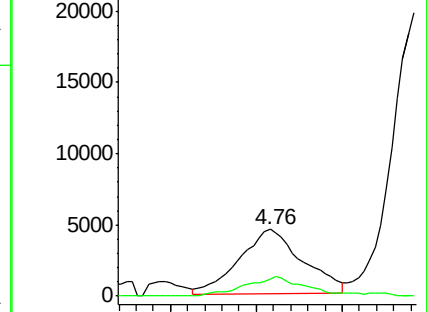
72 27.5 12.6 37.8



Abundance Ion 43.05 (42.75 to 43.75): VU038620.D (-970) (-)



Ion 72.10 (71.80 to 72.80): VU038620.D (-970) (-)



#27

1,2-Dichloroethane

Concen: 0.339 ug/L

RT: 5.83 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VU038620.D

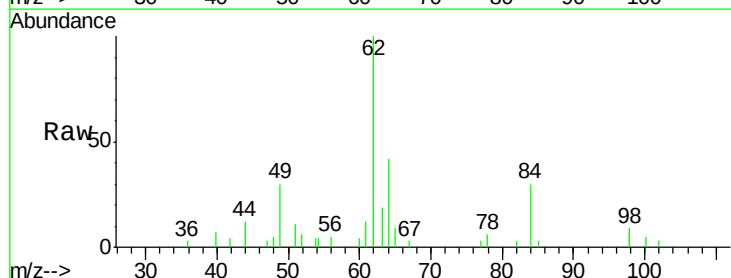
Acq: 06 Jun 2020 16:30

Tgt Ion: 62 Resp: 8628

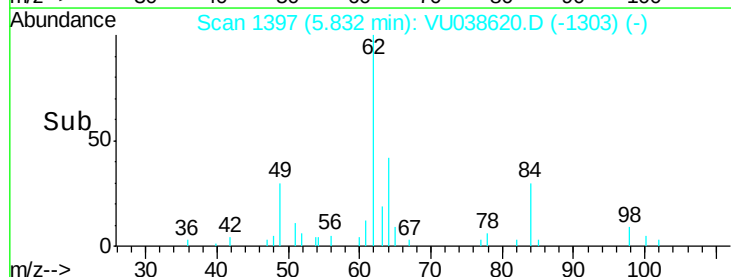
Ion Ratio Lower Upper

62 100

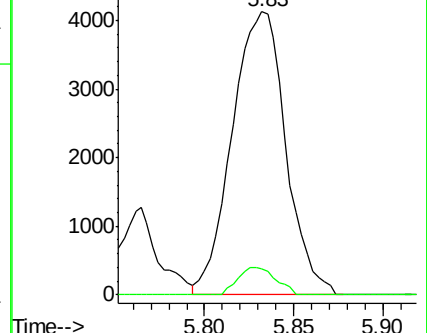
98 9.4 7.4 11.2

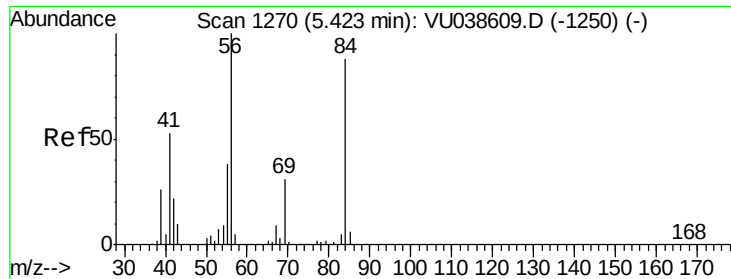


Abundance Ion 62.00 (61.70 to 62.70): VU038620.D (-1303) (-)



Ion 98.05 (97.75 to 98.75): VU038620.D (-1303) (-)

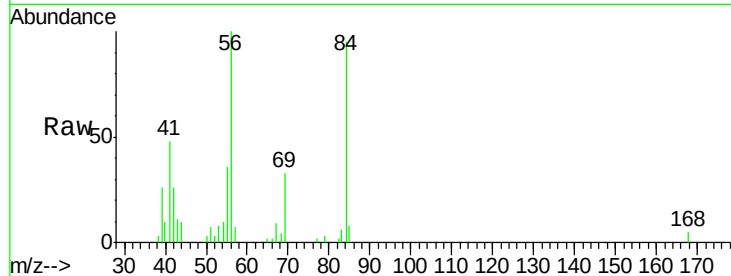




#30
 Cyclohexane
 Concen: 0.378 ug/L
 RT: 5.42 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VU038620.D
 Acq: 06 Jun 2020 16:30

Instrument :
 MSVOA_U
 ClientSampleId :
 F9E77

Tot Ion:	56	Resp:	12497
Ion	Ratio	Lower	Upper
56	100		
69	31.6	24.2	36.4
84	91.2	70.8	106.2



Abundance Ion 56.10 (55.80 to 56.80): VU0
 Ion 69.15 (68.85 to 69.85): VU0
 Ion 84.15 (83.85 to 84.85): VU0

