

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060520\
 Data File : VU038606.D
 Acq On : 06 Jun 2020 08:10
 Operator : SY/MD
 Sample : L2910-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D30

Quant Time: Jun 07 02:18:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sun Jun 07 02:13:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	447065	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	431626	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	202813	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	106465	3.68	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.60%
7) Chloroethane-d5	1.92	69	111714	5.02	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.40%
11) 1,1-Dichloroethene-d2	2.58	63	167874	2.95	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.00%#
20) 2-Butanone-d5	4.66	46	472602	53.77	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.54%
24) Chloroform-d	5.09	84	250372	4.61	ug/L	-0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	5.73	65	142455	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
32) Benzene-d6	5.75	84	515899	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.72	67	161101	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.92	98	398719	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.40%
43) trans-1,3-Dichloropropene-	8.20	79	52962	3.72	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.40%
46) 2-Hexanone-d5	8.66	63	308695	43.87	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.74%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	115939	4.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	167881	4.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.00%

Target Compounds

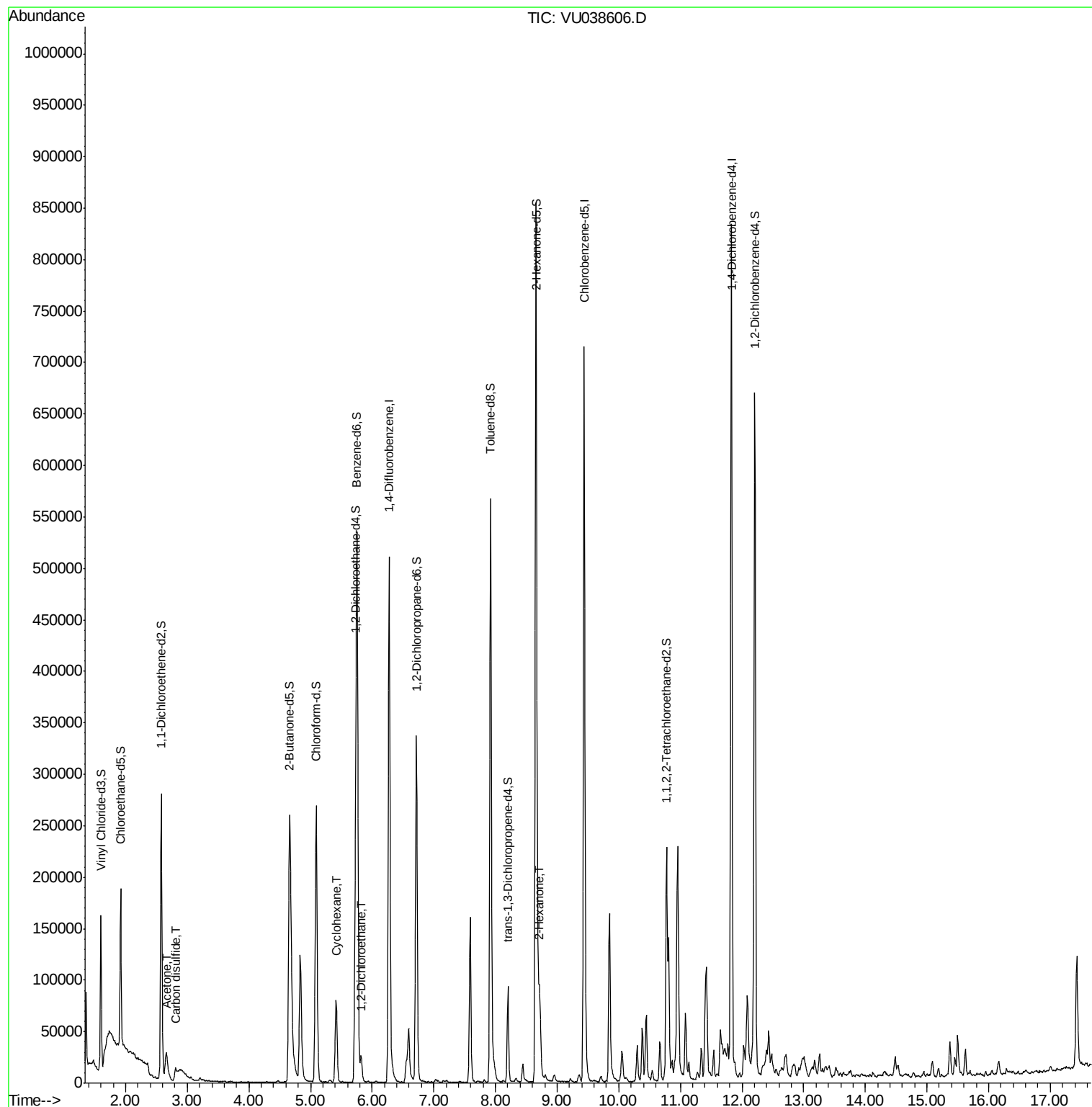
					Ovalue
13) Acetone	2.66	43	51272	8.913 ug/L	96
14) Carbon disulfide	2.81	76	10601	0.113 ug/L	96
27) 1,2-Dichloroethane	5.82	62	16446	0.433 ug/L	97
30) Cyclohexane	5.41	56	39146	0.817 ug/L	98
48) 2-Hexanone	8.72	43	60091	3.663 ug/L #	94

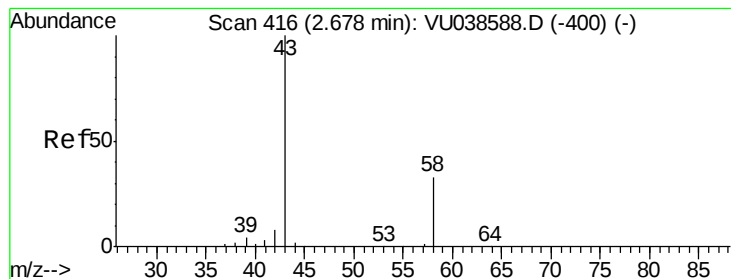
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 8.913 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.02 min

Lab File: VU038606.D

Acq: 06 Jun 2020 08:10

Instrument :

MSVOA_U

ClientSampled :

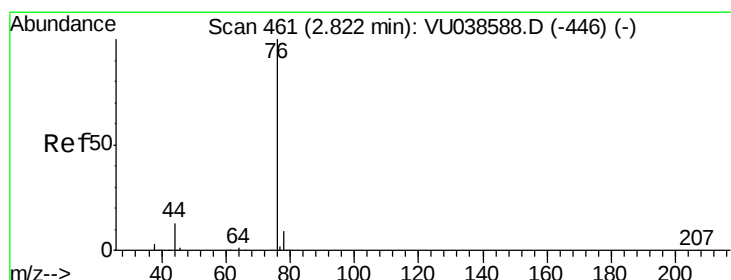
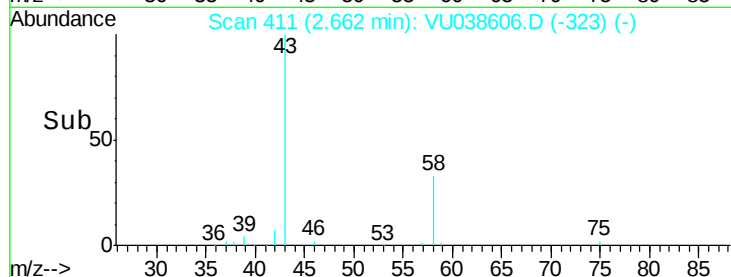
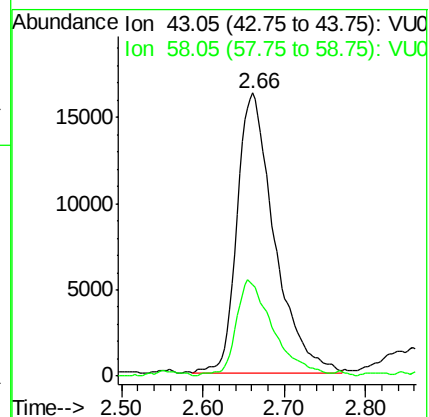
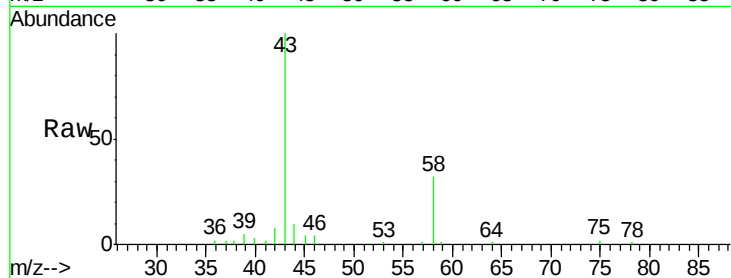
F9D30

Tot Ion: 43 Resp: 51272

Ion Ratio Lower Upper

43 100

58 34.8 0.0 65.6



#14

Carbon disulfide

Concen: 0.113 ug/L

RT: 2.81 min Scan# 457

Delta R.T. -0.01 min

Lab File: VU038606.D

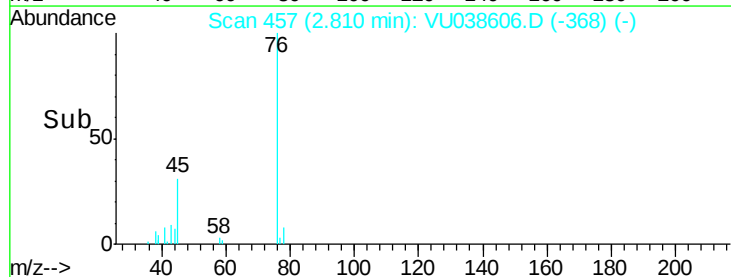
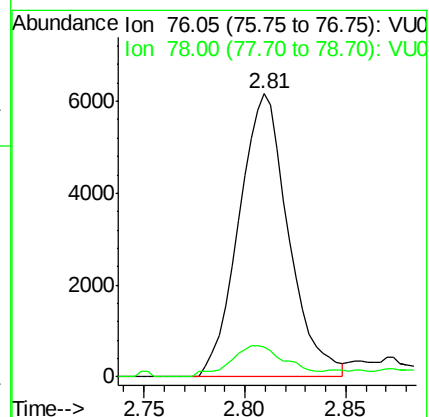
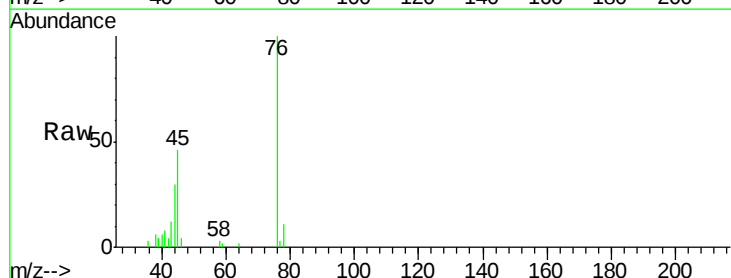
Acq: 06 Jun 2020 08:10

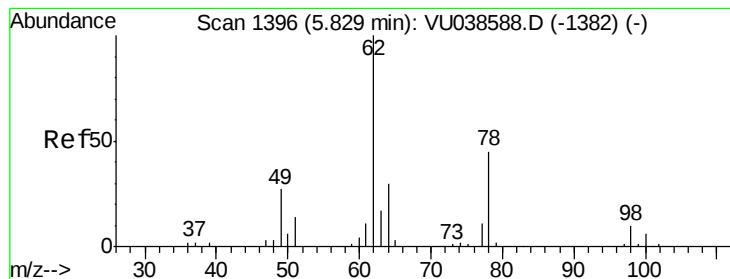
Tgt Ion: 76 Resp: 10601

Ion Ratio Lower Upper

76 100

78 10.5 7.3 10.9





#27

1,2-Dichloroethane

Concen: 0.433 ug/L

RT: 5.82 min Scan# 1394

Delta R.T. -0.01 min

Lab File: VU038606.D

Acq: 06 Jun 2020 08:10

Instrument :

MSVOA_U

ClientSampleId :

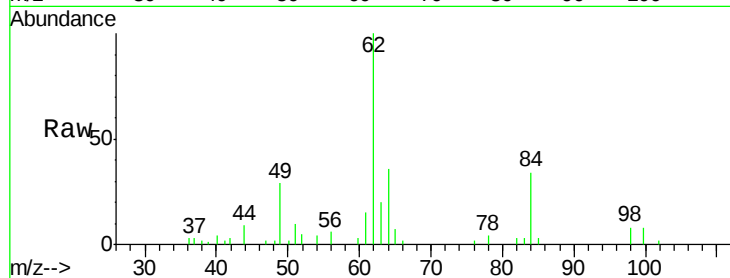
F9D30

Tot Ion: 62 Resp: 16446

Ion Ratio Lower Upper

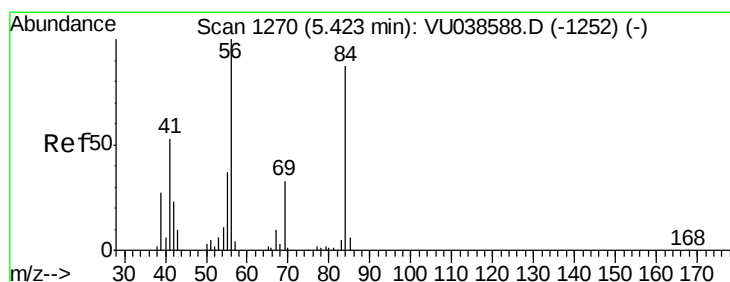
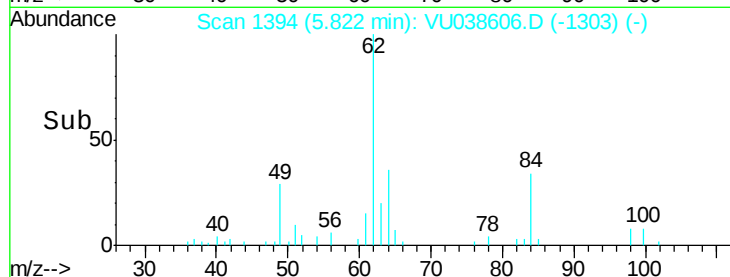
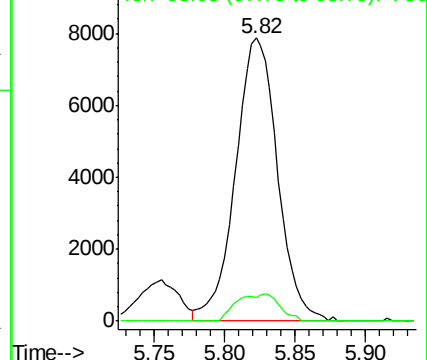
62 100

98 8.2 7.4 11.2



Abundance Ion 62.00 (61.70 to 62.70): VU038588.D (-1382) (-)

Ion 98.05 (97.75 to 98.75): VU038588.D (-1382) (-)



#30

Cyclohexane

Concen: 0.817 ug/L

RT: 5.41 min Scan# 1267

Delta R.T. -0.01 min

Lab File: VU038606.D

Acq: 06 Jun 2020 08:10

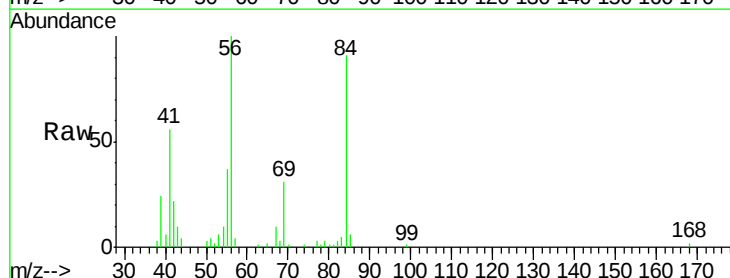
Tgt Ion: 56 Resp: 39146

Ion Ratio Lower Upper

56 100

69 30.3 24.2 36.4

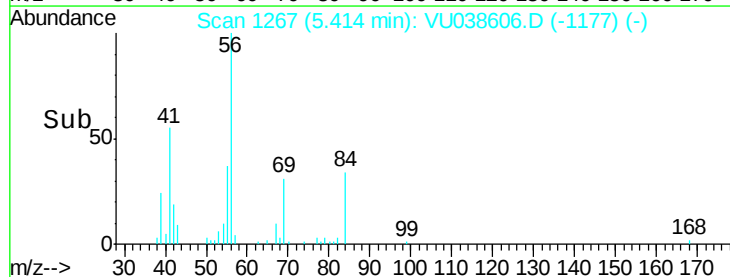
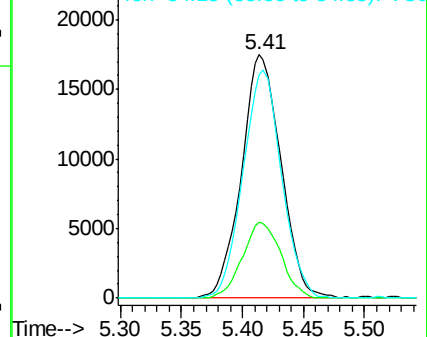
84 91.3 70.8 106.2

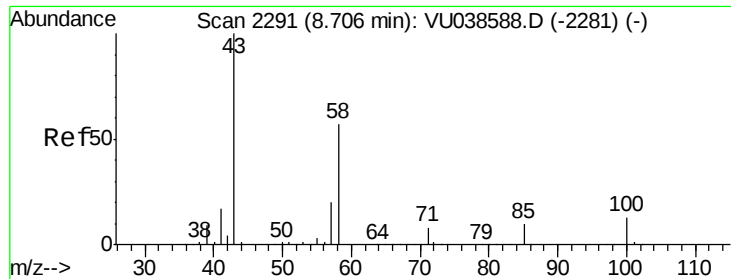


Abundance Ion 56.10 (55.80 to 56.80): VU038588.D (-1252) (-)

Ion 69.15 (68.85 to 69.85): VU038588.D (-1252) (-)

Ion 84.15 (83.85 to 84.85): VU038588.D (-1252) (-)





#48

2-Hexanone

Concen: 3.663 ug/L

RT: 8.72 min Scan# 2294

Delta R.T. 0.01 min

Lab File: VU038606.D

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MSVOA_U
ClientSampleId :
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Tot Ion:	43	Resp:	60091
Ion	Ratio	Lower	Upper
43	100		
58	60.3	45.4	68.0
57	25.3	15.9	23.9#
100	14.3	10.5	15.7

