

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120920\
 Data File : VU041513.D
 Acq On : 09 Dec 2020 14:36
 Operator : SY/MD
 Sample : L4979-17
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB1G5

Quant Time: Dec 10 06:38:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Dec 10 04:45:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	44114	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	50413	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	23602	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	8340	3.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.60%
7) Chloroethane-d5	1.92	69	9112	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.60%
11) 1,1-Dichloroethene-d2	2.58	63	16646	3.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.60%
20) 2-Butanone-d5	4.65	46	39823	46.87	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.74%
24) Chloroform-d	5.08	84	28746	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
26) 1,2-Dichloroethane-d4	5.72	65	21373	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.74	84	41811	3.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.40%
36) 1,2-Dichloropropane-d6	6.70	67	11962	3.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	72.80%
41) Toluene-d8	7.91	98	41253	3.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.00%
43) trans-1,3-Dichloropropene-	8.19	79	7909	4.06	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.20%
46) 2-Hexanone-d5	8.64	63	32526	40.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.34%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	12917	3.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	71.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	18872	4.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.60%

Target Compounds

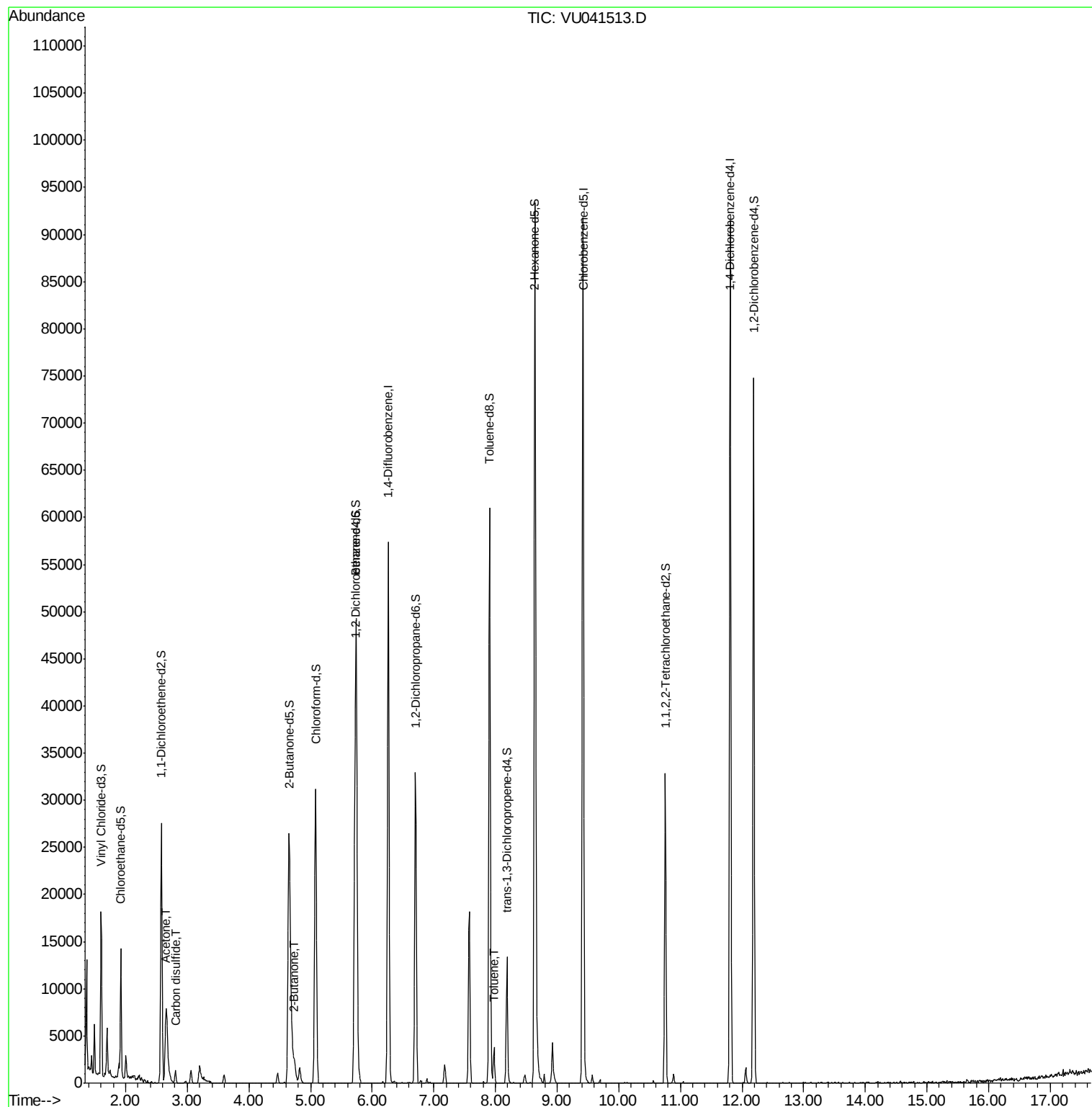
					Ovalue
13) Acetone	2.66	43	16209	24.504	ug/L 99
14) Carbon disulfide	2.81	76	1506	0.189	ug/L 96
21) 2-Butanone	4.74	43	2690	3.250	ug/L 86
42) Toluene	7.97	91	2816	0.201	ug/L 79

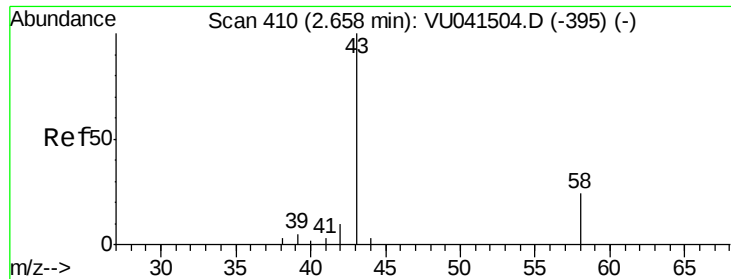
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 24.504 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

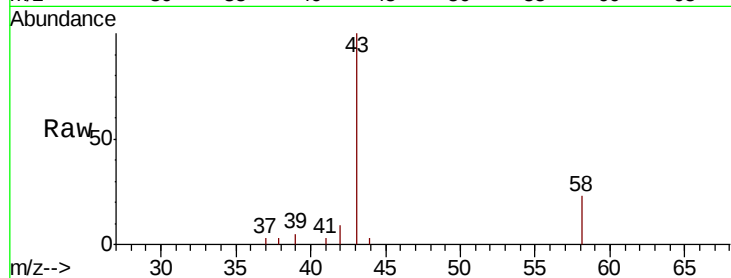
GB1G5

Tot Ion: 43 Resp: 16209

Ion Ratio Lower Upper

43 100

58 25.5 0.0 50.0



Abundance Ion 43.05 (42.75 to 43.75): VU041513.D (-317) (-)

Ion 58.05 (57.75 to 58.75): VU041513.D (-317) (-)

2.66

58.05

6000

5000

4000

3000

2000

1000

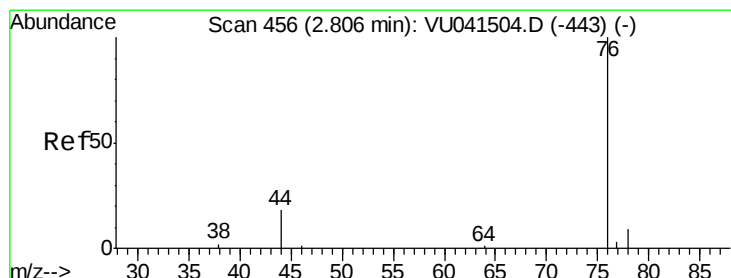
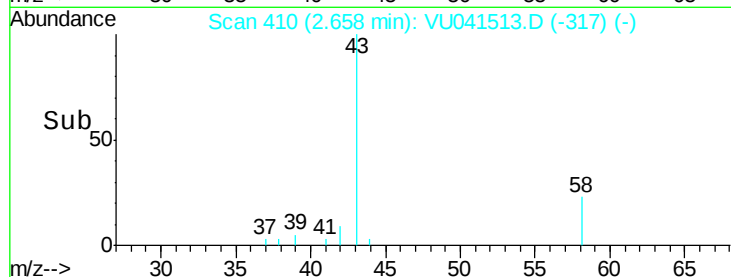
0

Time-->

2.60

2.70

2.80



#14

Carbon disulfide

Concen: 0.189 ug/L

RT: 2.81 min Scan# 457

Delta R.T. 0.00 min

Lab File: VU041513.D

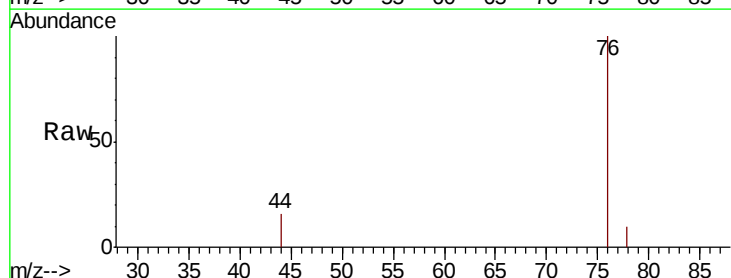
Acq: 09 Dec 2020 14:36

Tgt Ion: 76 Resp: 1506

Ion Ratio Lower Upper

76 100

78 10.0 6.8 10.2



Abundance Ion 76.05 (75.75 to 76.75): VU041513.D (-363) (-)

Ion 78.00 (77.70 to 78.70): VU041513.D (-363) (-)

2.81

1200

1000

800

600

400

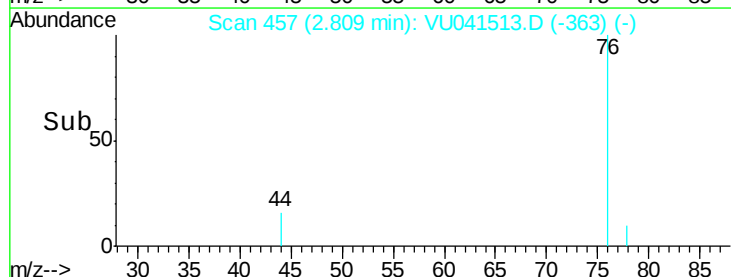
200

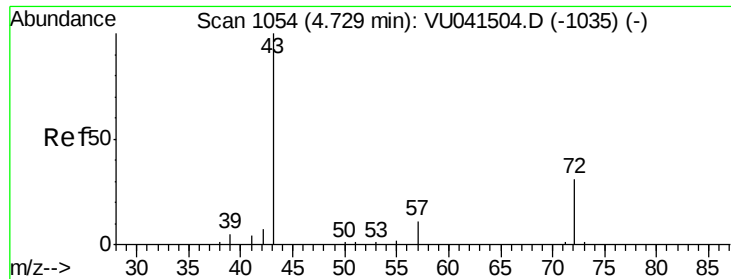
0

Time-->

2.80

2.85





#21

2-Butanone

Concen: 3.250 ug/L

RT: 4.74 min Scan# 1056

Delta R.T. 0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

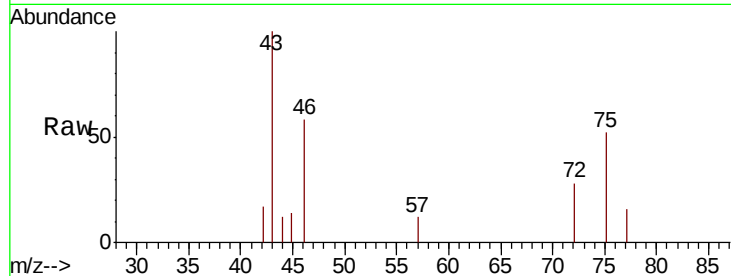
GB1G5

Tot Ion: 43 Resp: 2690

Ion Ratio Lower Upper

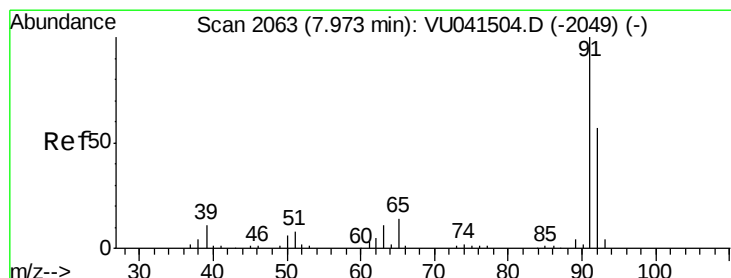
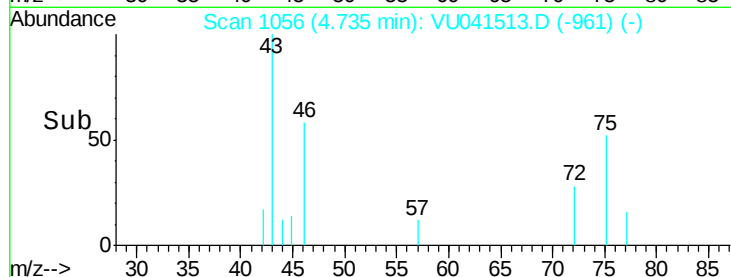
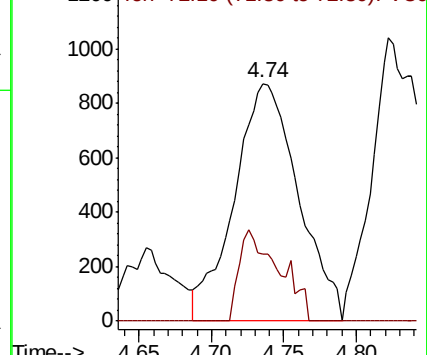
43 100

72 23.9 15.7 47.1



Abundance Ion 43.05 (42.75 to 43.75): VU041513.D (-961) (-)

Ion 72.10 (71.80 to 72.80): VU041513.D (-961) (-)



#42

Toluene

Concen: 0.201 ug/L

RT: 7.97 min Scan# 2063

Delta R.T. -0.00 min

Lab File: VU041513.D

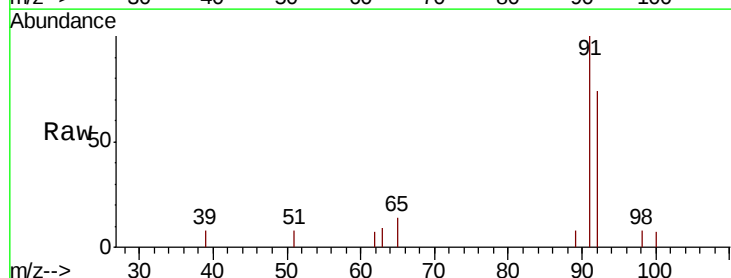
Acq: 09 Dec 2020 14:36

Tgt Ion: 91 Resp: 2816

Ion Ratio Lower Upper

91 100

92 74.0 40.8 75.8



Abundance Ion 91.15 (90.85 to 91.85): VU041513.D (-1970) (-)

Ion 92.15 (91.85 to 92.85): VU041513.D (-1970) (-)

