

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061320\
 Data File : VU038855.D
 Acq On : 12 Jun 2020 16:41
 Operator : SY/MD
 Sample : L2990-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E3YG4

Quant Time: Jun 13 02:00:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jun 13 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	271717	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	271888	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	127009	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	57686	3.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.00%
7) Chloroethane-d5	1.93	69	60309	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.40%
11) 1,1-Dichloroethene-d2	2.59	63	101607	3.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.40%
20) 2-Butanone-d5	4.68	46	302388	65.06	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	130.12%#
24) Chloroform-d	5.10	84	167929	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
26) 1,2-Dichloroethane-d4	5.74	65	102271	5.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.40%
32) Benzene-d6	5.76	84	314818	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
36) 1,2-Dichloropropane-d6	6.72	67	100713	5.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.00%
41) Toluene-d8	7.92	98	250891	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.20%
43) trans-1,3-Dichloropropene-	8.20	79	36092	4.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.40%
46) 2-Hexanone-d5	8.65	63	250669	66.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	133.68%#
57) 1,1,2,2-Tetrachloroethane-	10.77	84	95586	5.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	110400	5.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.80%

Target Compounds

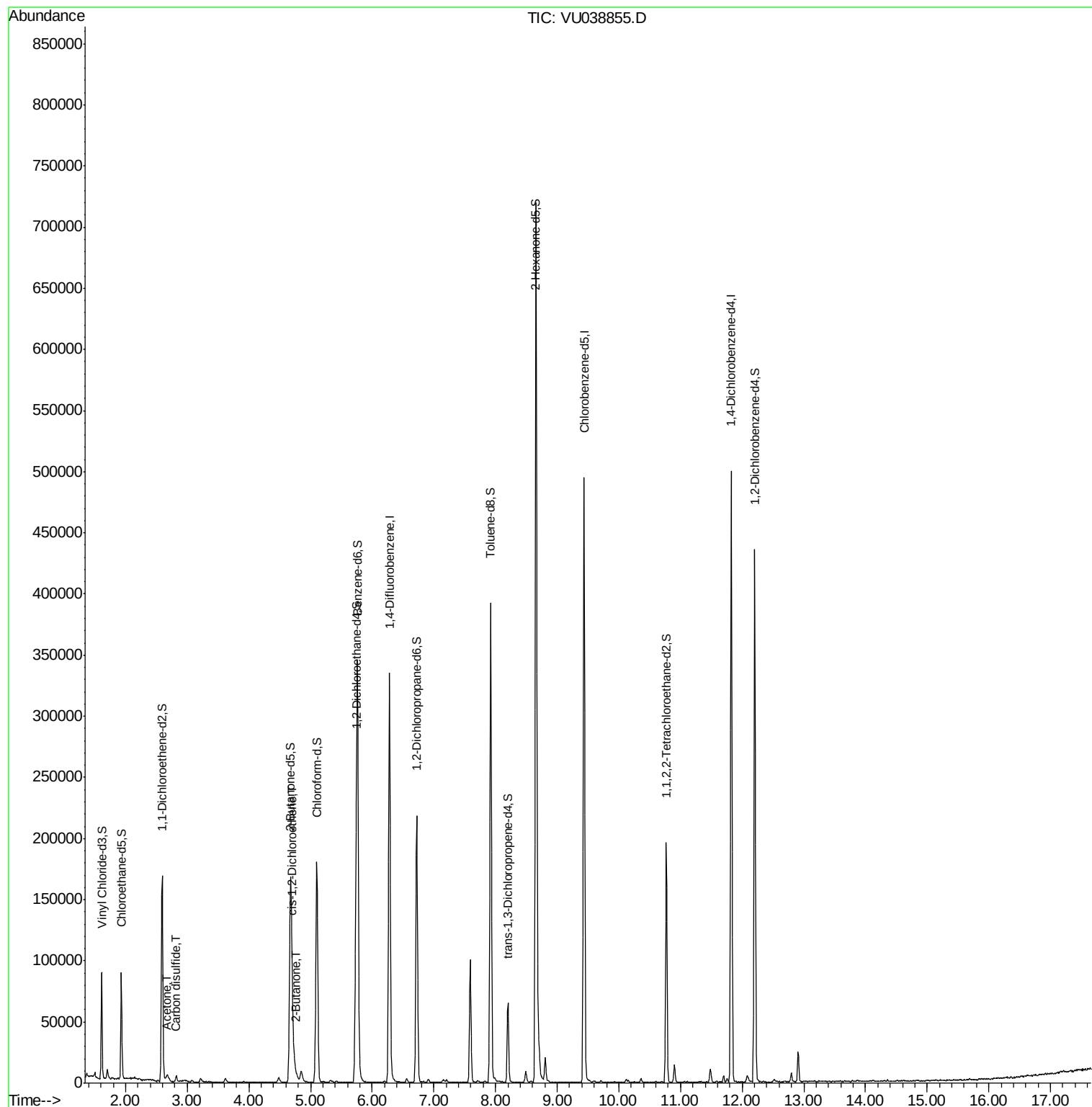
					Ovalue
13) Acetone	2.68	43	11408	3.025 ug/L	68
14) Carbon disulfide	2.82	76	5962	0.092 ug/L	96
21) 2-Butanone	4.76	43	7713	1.245 ug/L	90
22) cis-1,2-Dichloroethene	4.71	96	4001	0.188 ug/L	98

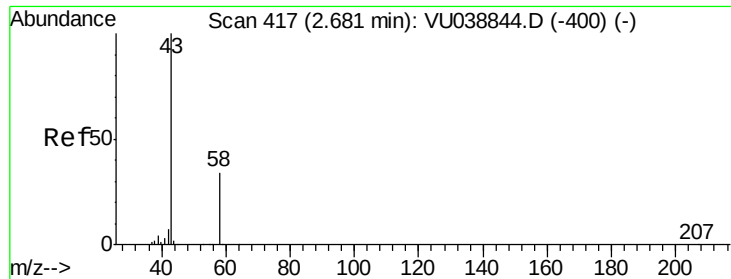
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.025 ug/L

RT: 2.68 min Scan# 416

Delta R.T. -0.00 min

Lab File: VU038855.D

Acq: 12 Jun 2020 16:41

Instrument :

MSVOA_U

ClientSampleId :

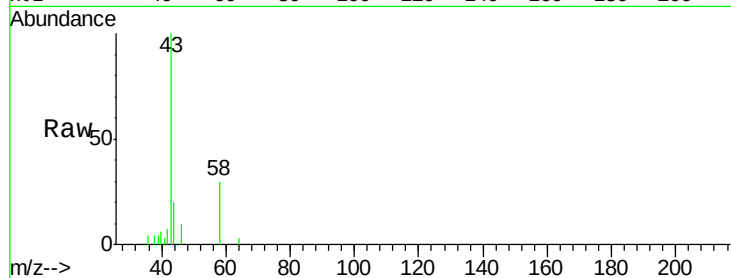
E3YG4

Tot Ion: 43 Resp: 11408

Ion Ratio Lower Upper

43 100

58 15.2 0.0 66.0



Abundance Ion 43.05 (42.75 to 43.75): VU038844.D (-400) (-)

Ion 58.05 (57.75 to 58.75): VU038844.D (-400) (-)

2.68

4000

3000

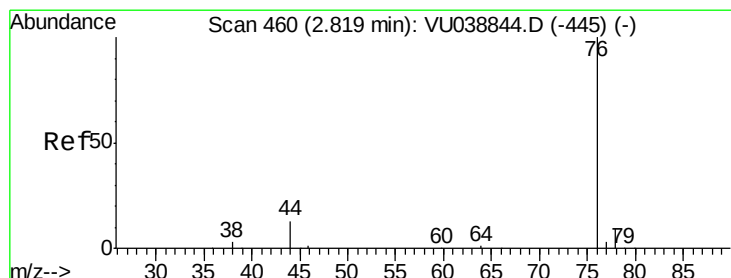
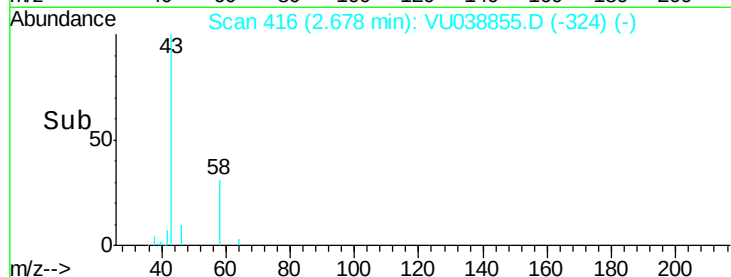
2000

1000

0

2.60 2.65 2.70 2.75

Time-->



#14

Carbon disulfide

Concen: 0.092 ug/L

RT: 2.82 min Scan# 461

Delta R.T. 0.00 min

Lab File: VU038855.D

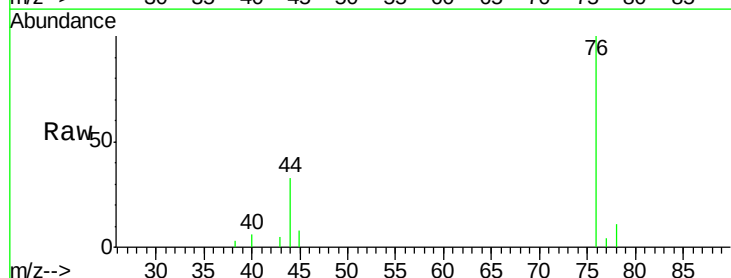
Acq: 12 Jun 2020 16:41

Tgt Ion: 76 Resp: 5962

Ion Ratio Lower Upper

76 100

78 11.1 7.6 11.4



Abundance Ion 76.05 (75.75 to 76.75): VU038844.D (-445) (-)

Ion 78.00 (77.70 to 78.70): VU038844.D (-445) (-)

2.82

4000

3000

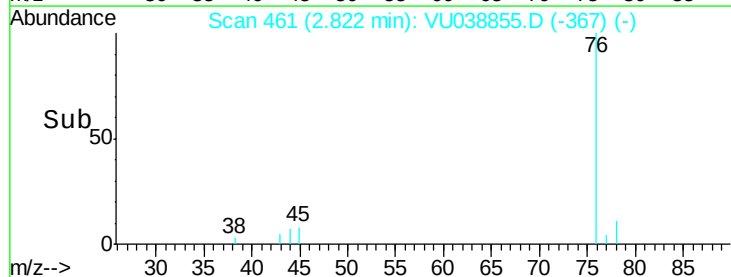
2000

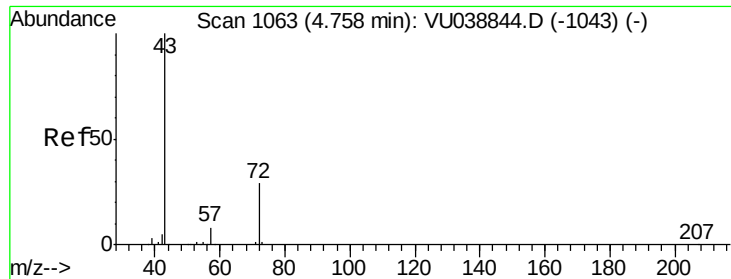
1000

0

2.80 2.85

Time-->

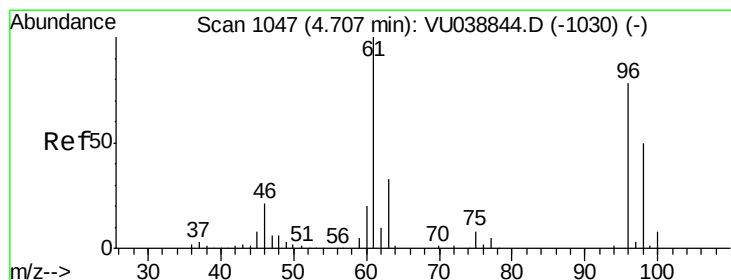
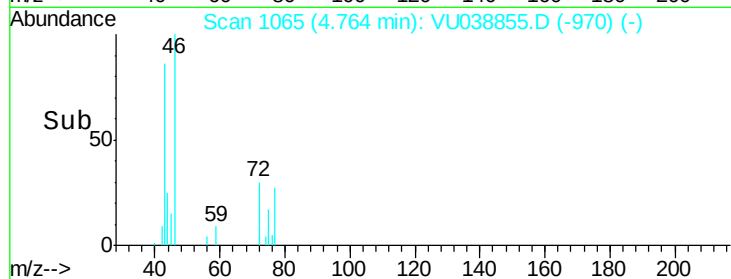
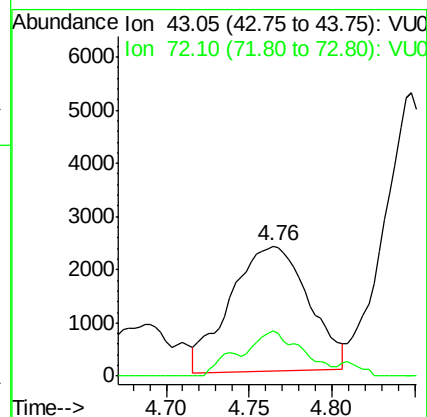
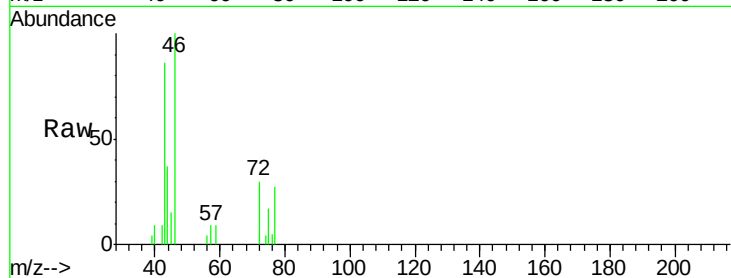




#21
2-Butanone
Concen: 1.245 ug/L
RT: 4.76 min Scan# 1065
Delta R.T. 0.01 min
Lab File: VU038855.D
Acq: 12 Jun 2020 16:41

Instrument :
MSVOA_U
ClientSampled :
E3YG4

Tot Ion: 43 Resp: 7713
Ion Ratio Lower Upper
43 100
72 23.1 14.2 42.8



#22
cis-1,2-Dichloroethene
Concen: 0.188 ug/L
RT: 4.71 min Scan# 1048
Delta R.T. 0.00 min
Lab File: VU038855.D
Acq: 12 Jun 2020 16:41

Tgt Ion: 96 Resp: 4001
Ion Ratio Lower Upper
96 100
61 125.7 89.7 166.7
68 0.0 0.0 0.0

