

Data File : VU038823.D
Acq On : 11 Jun 2020 14:38
Operator : SY/MD
Sample : L2933-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AH7

Quant Time: Jun 12 01:53:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 12 01:02:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	284642	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	285111	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	134253	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	67826	3.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.60%
7) Chloroethane-d5	1.93	69	67563	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.40%
11) 1,1-Dichloroethene-d2	2.59	63	117660	3.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.00%
20) 2-Butanone-d5	4.67	46	319056	57.01	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.02%
24) Chloroform-d	5.10	84	182235	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.40%
26) 1,2-Dichloroethane-d4	5.74	65	108799	5.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.80%
32) Benzene-d6	5.76	84	348056	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.72	67	109238	4.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.80%
41) Toluene-d8	7.92	98	285437	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
43) trans-1,3-Dichloropropene-	8.20	79	42878	4.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.00%
46) 2-Hexanone-d5	8.65	63	261395	56.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.46%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	99460	5.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	122232	5.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.60%

Target Compounds

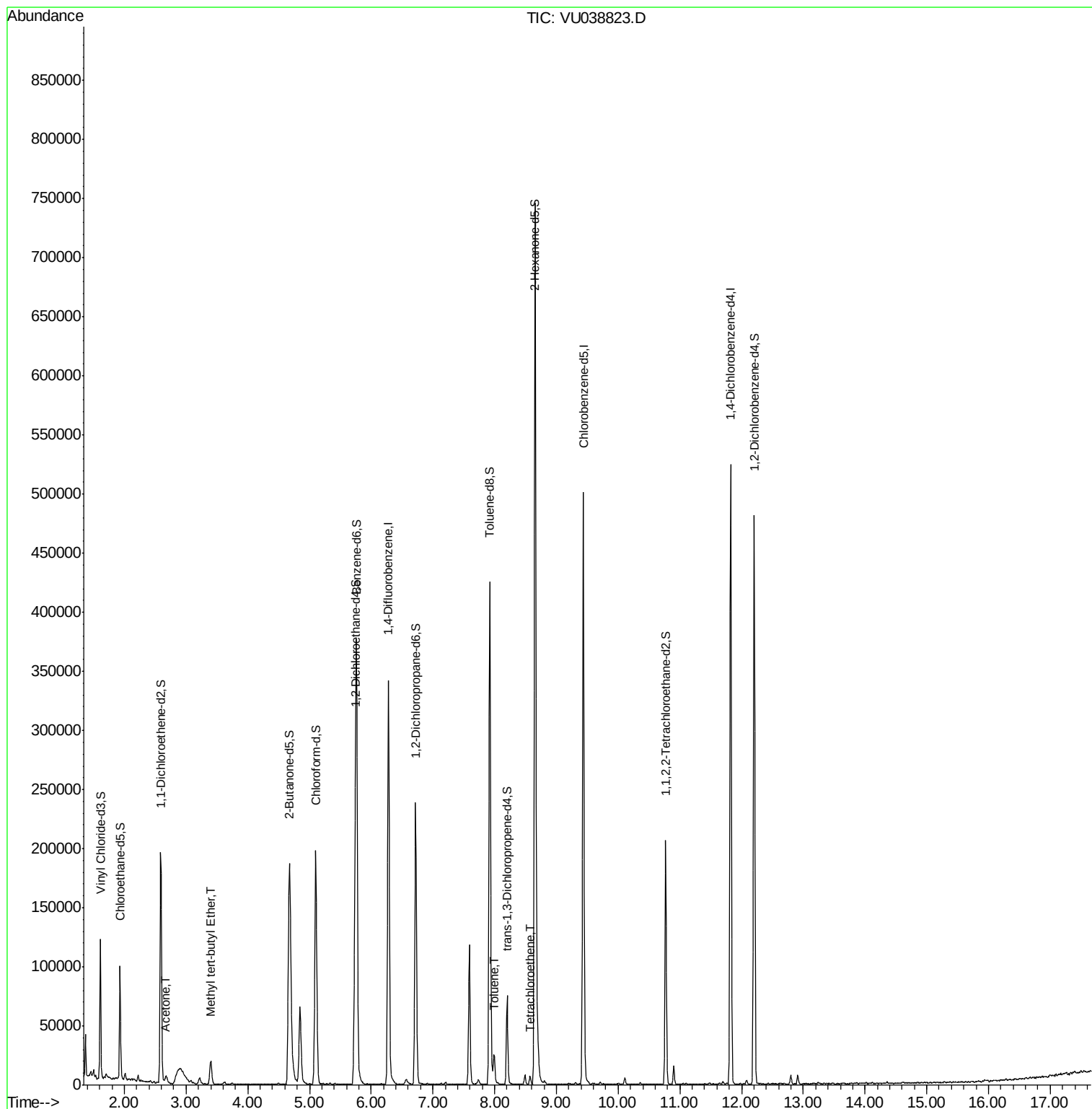
					Qvalue
13) Acetone	2.68	43	11691	3.192 ug/L	66
17) Methyl tert-butyl Ether	3.40	73	20509	0.446 ug/L #	91
42) Toluene	7.99	91	15452	0.185 ug/L	99
47) Tetrachloroethene	8.57	164	1504	0.100 ug/L	86

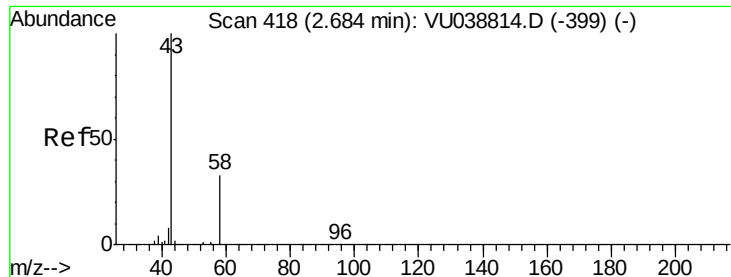
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.192 ug/L

RT: 2.68 min Scan# 416

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

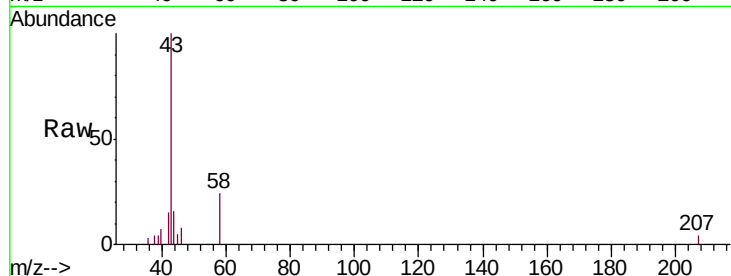
C0AH7

Tgt Ion: 43 Resp: 11691

Ion Ratio Lower Upper

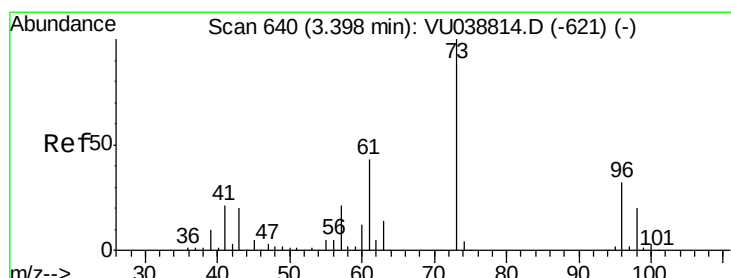
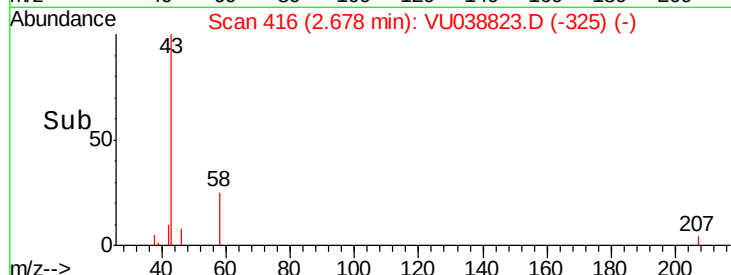
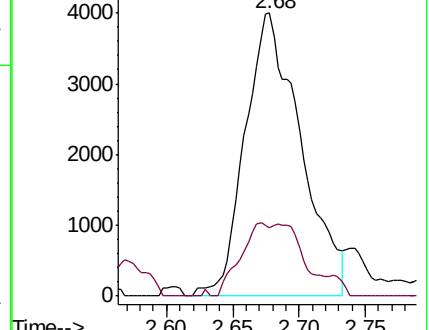
43 100

58 13.5 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU038814.D (-399) (-)

Ion 58.05 (57.75 to 58.75): VU038814.D (-399) (-)



#17

Methyl tert-butyl Ether

Concen: 0.446 ug/L

RT: 3.40 min Scan# 641

Delta R.T. 0.00 min

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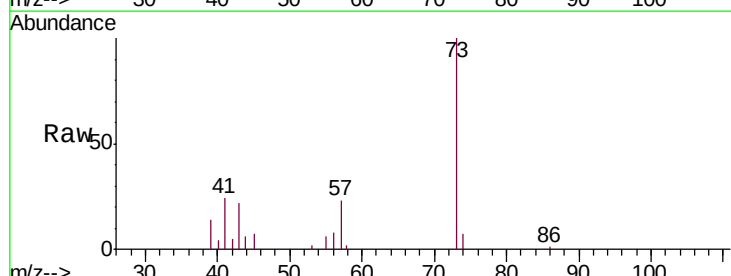
Tgt Ion: 73 Resp: 20509

Ion Ratio Lower Upper

73 100

43 23.2 15.5 23.3

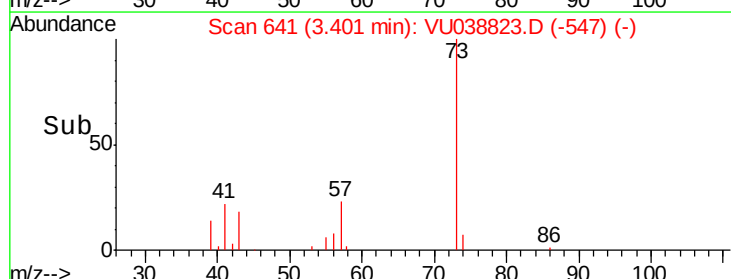
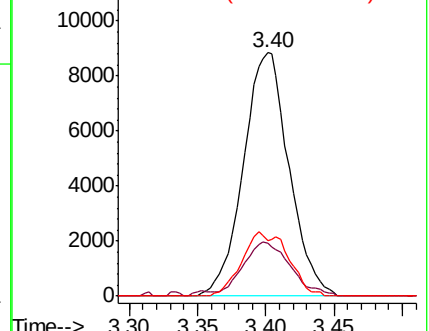
57 26.8 17.8 26.6#

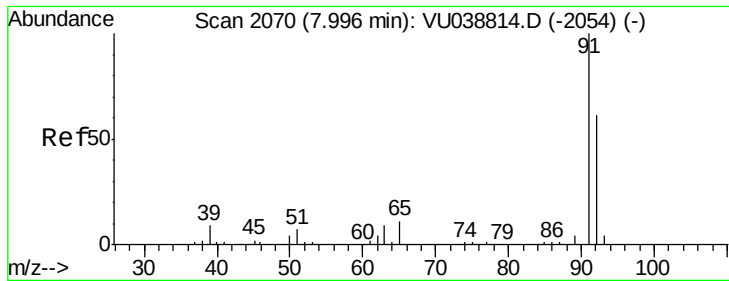


Abundance Ion 73.10 (72.80 to 73.80): VU038814.D (-621) (-)

Ion 43.05 (42.75 to 43.75): VU038814.D (-621) (-)

Ion 57.10 (56.80 to 57.80): VU038814.D (-621) (-)





#42

Toluene

Concen: 0.185 ug/L

RT: 7.99 min Scan# 2069

Delta R.T. -0.00 min

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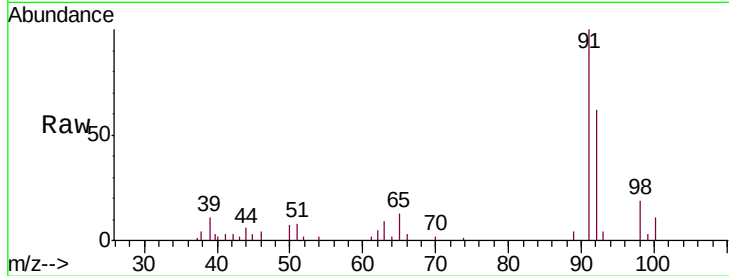
C0AH7

Tgt Ion: 91 Resp: 15452

Ion Ratio Lower Upper

91 100

92 62.5 43.0 79.8

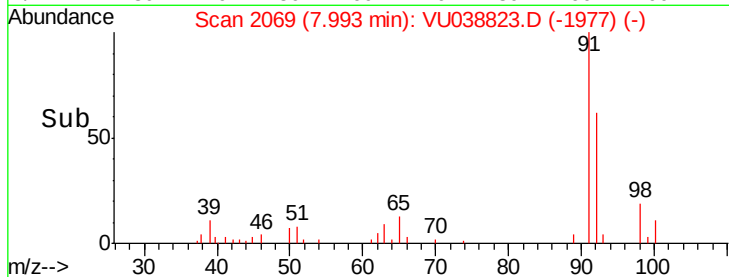


Abundance Ion 91.15 (90.85 to 91.85): VU038814.D (-2054) (-)

Ion 92.15 (91.85 to 92.85): VU038814.D (-2054) (-)

7.99

Time-->



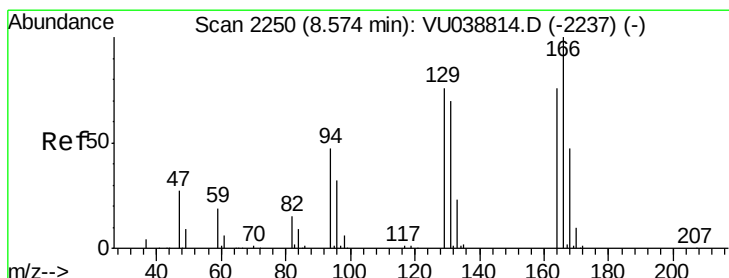
Abundance

Ion 91.15 (90.85 to 91.85): VU038814.D (-2054) (-)

Ion 92.15 (91.85 to 92.85): VU038814.D (-2054) (-)

7.99

Time-->



#47

Tetrachloroethene

Concen: 0.100 ug/L

RT: 8.57 min Scan# 2249

Delta R.T. -0.00 min

Lab File: VU038823.D

Acq: 11 Jun 2020 14:38

Tgt Ion: 164 Resp: 1504

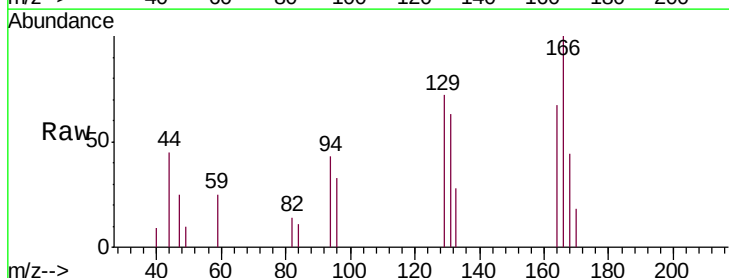
Ion Ratio Lower Upper

164 100

129 107.6 67.4 125.2

131 94.6 64.1 119.1

166 149.2 85.7 159.1



Abundance Ion 163.90 (163.60 to 164.60): VU038814.D (-2237) (-)

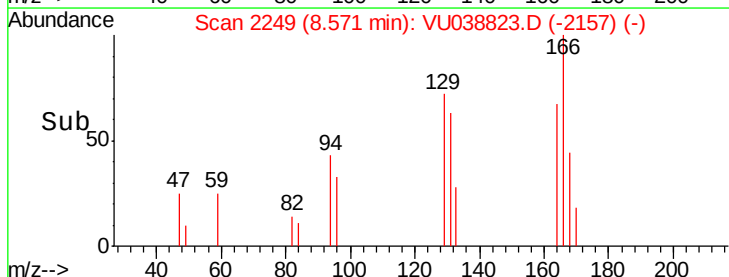
Ion 128.95 (128.65 to 129.65): VU038814.D (-2237) (-)

Ion 130.95 (130.65 to 131.65): VU038814.D (-2237) (-)

Ion 165.90 (165.60 to 166.60): VU038814.D (-2237) (-)

8.57

Time-->



Abundance

Ion 163.90 (163.60 to 164.60): VU038814.D (-2237) (-)

Ion 128.95 (128.65 to 129.65): VU038814.D (-2237) (-)

Ion 130.95 (130.65 to 131.65): VU038814.D (-2237) (-)

Ion 165.90 (165.60 to 166.60): VU038814.D (-2237) (-)

8.57

Time-->