

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061320\
 Data File : VU038866.D
 Acq On : 12 Jun 2020 22:36
 Operator : SY/MD
 Sample : L2975-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF8Q1

Quant Time: Jun 13 03:14:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jun 13 02:52:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	260150	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	260244	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	121803	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	63907	4.51	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.20%
7) Chloroethane-d5	1.93	69	61436	5.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.80%
11) 1,1-Dichloroethene-d2	2.59	63	108642	3.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.40%
20) 2-Butanone-d5	4.67	46	301582	67.77	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	135.54%#
24) Chloroform-d	5.10	84	171101	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.00%
26) 1,2-Dichloroethane-d4	5.74	65	102411	5.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.40%
32) Benzene-d6	5.76	84	320363	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.40%
36) 1,2-Dichloropropane-d6	6.72	67	105097	5.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.60%
41) Toluene-d8	7.92	98	257149	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
43) trans-1,3-Dichloropropene-	8.20	79	37560	4.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.00%
46) 2-Hexanone-d5	8.65	63	252790	70.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	140.84%#
57) 1,1,2,2-Tetrachloroethane-	10.77	84	97838	6.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	123.00%#
64) 1,2-Dichlorobenzene-d4	12.20	152	113266	5.71	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.20%

Target Compounds

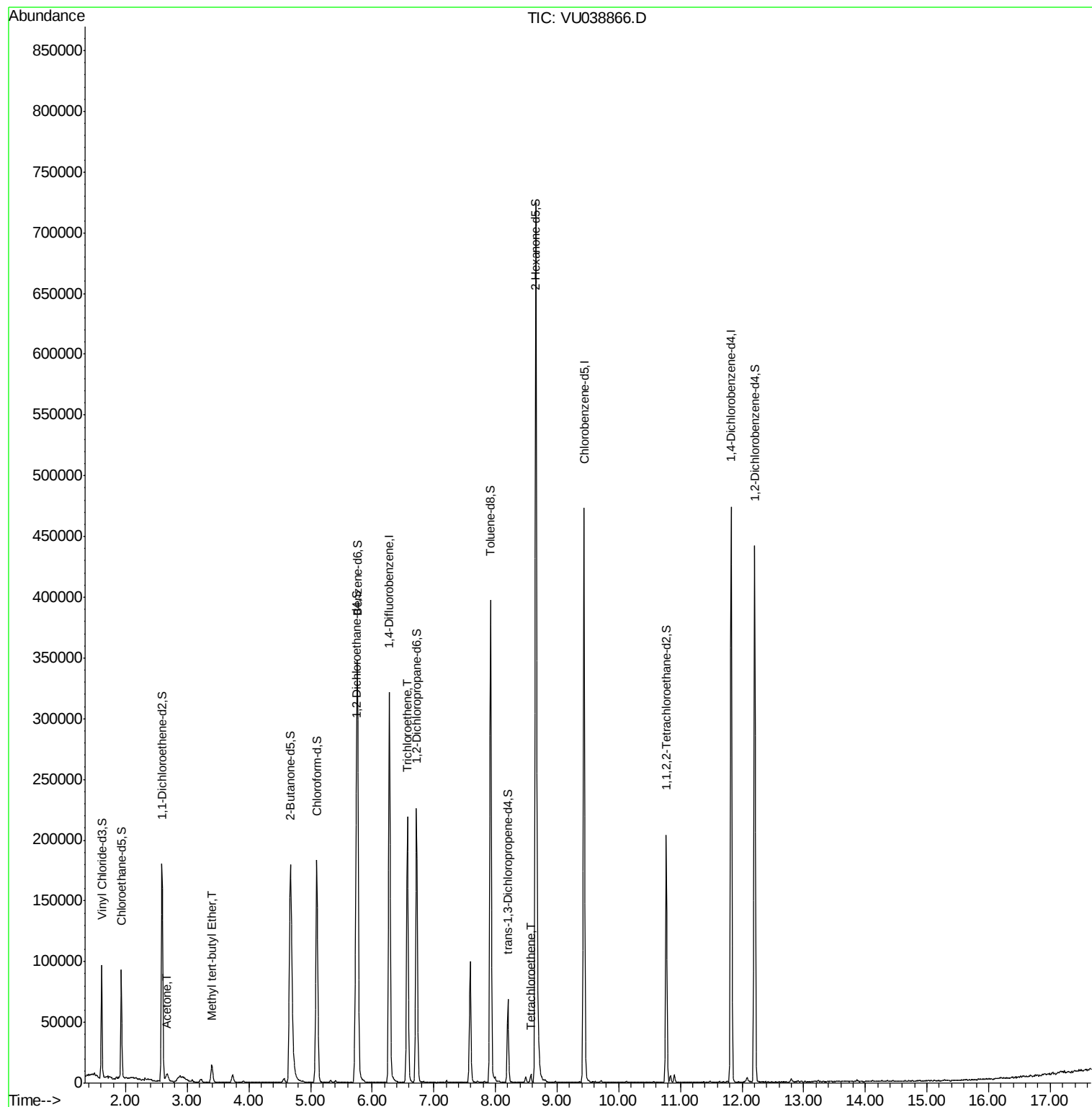
					Ovalue
13) Acetone	2.67	43	10854	3.006 ug/L	96
17) Methyl tert-butyl Ether	3.40	73	14898	0.317 ug/L	96
34) Trichloroethene	6.57	95	73219	3.566 ug/L	97
47) Tetrachloroethene	8.57	164	1458	0.092 ug/L	92

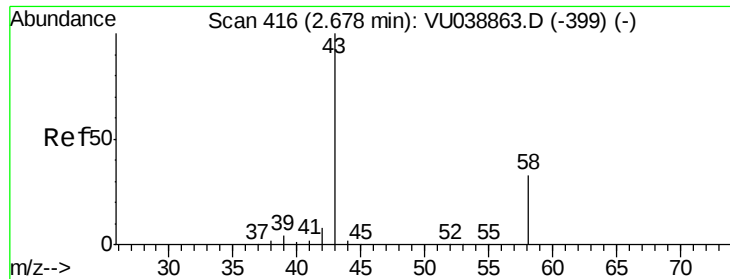
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.006 ug/L

RT: 2.67 min Scan# 413

Delta R.T. -0.01 min

Lab File: VU038866.D

Acq: 12 Jun 2020 22:36

Instrument :

MSVOA_U

ClientSampleId :

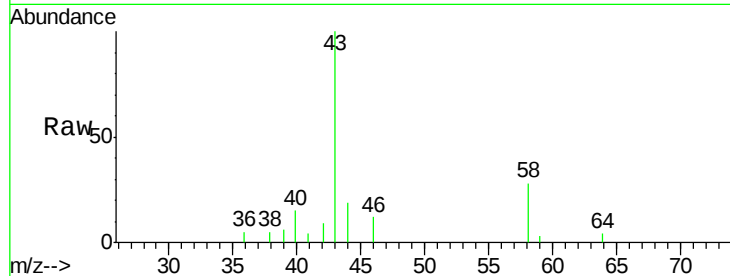
BF8Q1

Tot Ion: 43 Resp: 10854

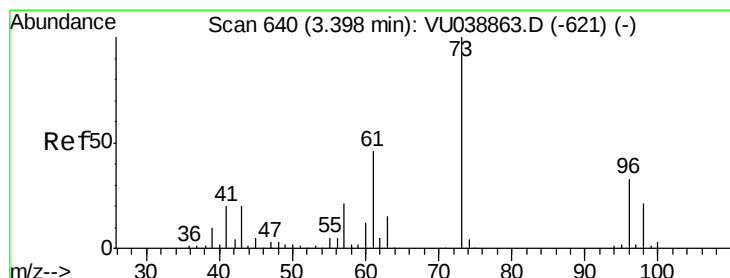
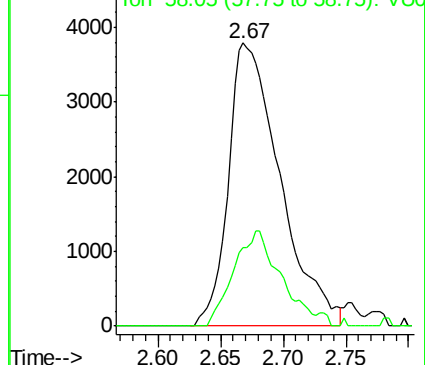
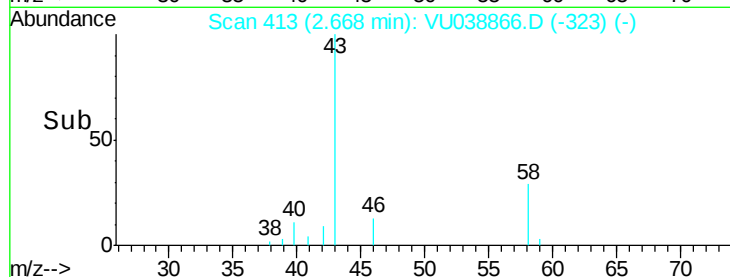
Ion Ratio Lower Upper

43 100

58 30.5 0.0 66.0



Abundance Ion 43.05 (42.75 to 43.75): VU038866.D (-323) (-)



#17

Methyl tert-butyl Ether

Concen: 0.317 ug/L

RT: 3.40 min Scan# 641

Delta R.T. 0.00 min

Lab File: VU038866.D

Acq: 12 Jun 2020 22:36

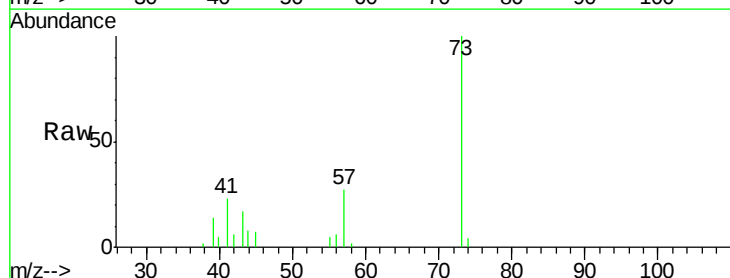
Tgt Ion: 73 Resp: 14898

Ion Ratio Lower Upper

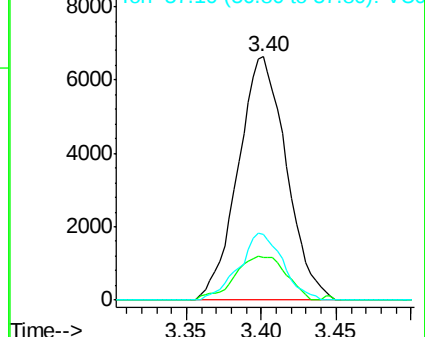
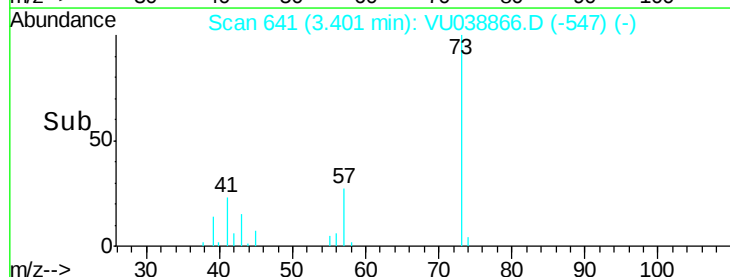
73 100

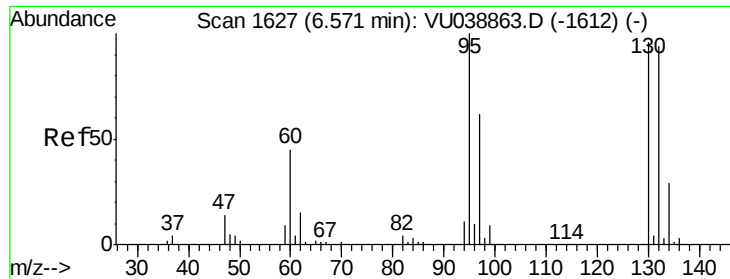
43 19.2 15.9 23.9

57 25.0 17.5 26.3



Abundance Ion 73.10 (72.80 to 73.80): VU038866.D (-547) (-)





#34

Trichloroethene

Concen: 3.566 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VU038866.D

Acq: 12 Jun 2020 22:36

Instrument :

MSVOA_U

ClientSampleId :

BF8Q1

Tot Ion: 95 Resp: 73219

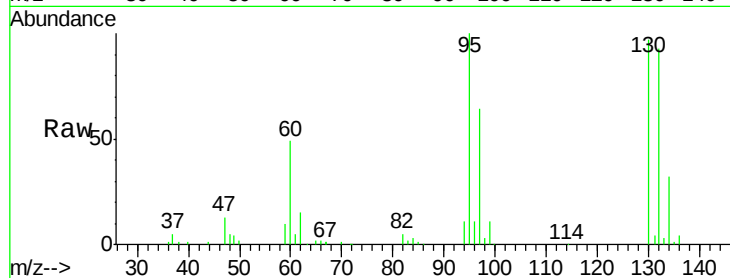
Ion Ratio Lower Upper

95 100

97 64.0 46.1 85.5

132 93.1 67.5 125.3

130 97.3 66.7 123.9

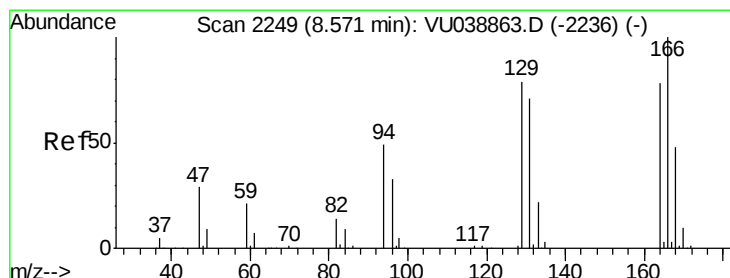
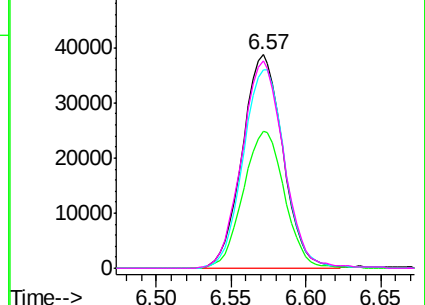
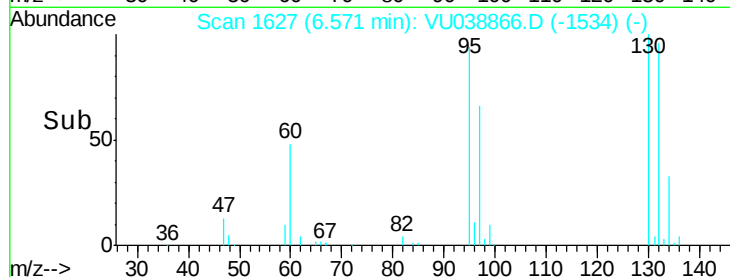


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#47

Tetrachloroethene

Concen: 0.092 ug/L

RT: 8.57 min Scan# 2249

Delta R.T. -0.00 min

Lab File: VU038866.D

Acq: 12 Jun 2020 22:36

Tgt Ion: 164 Resp: 1458

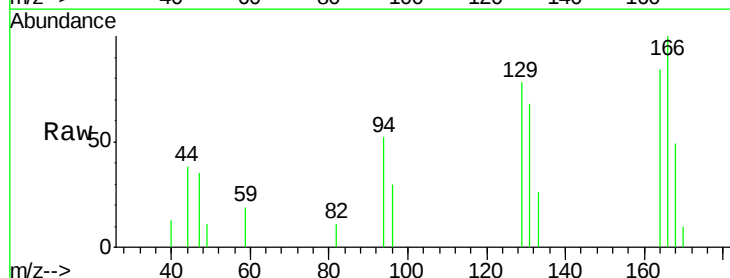
Ion Ratio Lower Upper

164 100

129 93.0 67.3 124.9

131 81.6 65.0 120.6

166 119.3 91.0 169.0



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

