

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061320\
 Data File : VU038871.D
 Acq On : 13 Jun 2020 00:32
 Operator : SY/MD
 Sample : L2975-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF8Q6

Quant Time: Jun 13 03:40:43 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	247623	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	254028	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	113704	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	62238	4.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.20%
7) Chloroethane-d5	1.93	69	61856	5.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.20%
11) 1,1-Dichloroethene-d2	2.59	63	104511	3.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.00%
20) 2-Butanone-d5	4.67	46	302484	71.41	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	142.82%#
24) Chloroform-d	5.10	84	170063	5.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.80%
26) 1,2-Dichloroethane-d4	5.74	65	103700	6.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	122.80%
32) Benzene-d6	5.76	84	320179	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.80%
36) 1,2-Dichloropropane-d6	6.72	67	103292	5.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	116.40%
41) Toluene-d8	7.92	98	253626	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
43) trans-1,3-Dichloropropene-	8.20	79	35942	4.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.20%
46) 2-Hexanone-d5	8.65	63	247598	70.66	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	141.32%#
57) 1,1,2,2-Tetrachloroethane-	10.77	84	95776	6.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	123.40%#
64) 1,2-Dichlorobenzene-d4	12.20	152	111630	6.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	120.60%#

Target Compounds

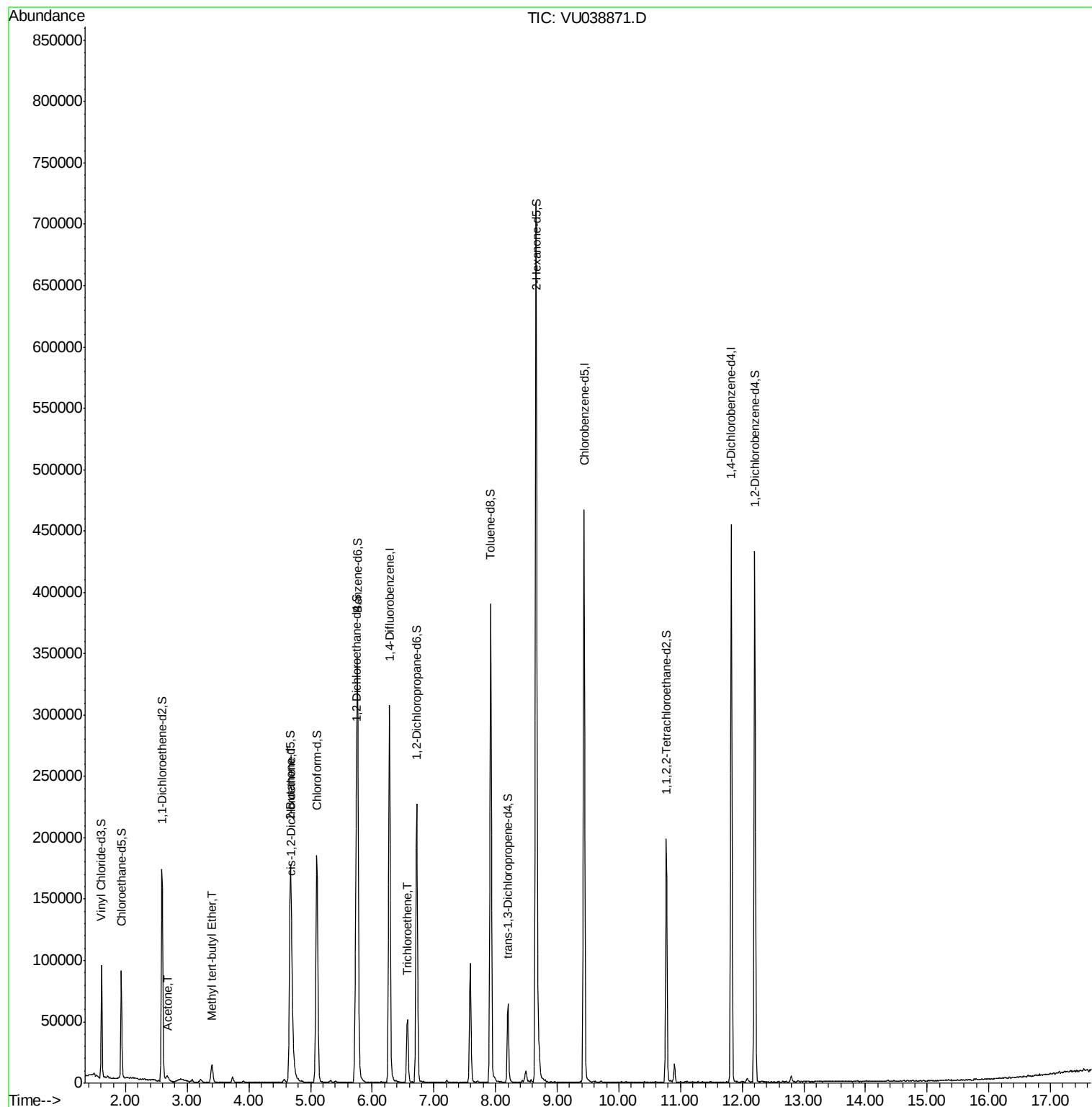
					Ovalue
13) Acetone	2.67	43	9723	2.829 ug/L	91
17) Methyl tert-butyl Ether	3.40	73	15422	0.345 ug/L	96
22) cis-1,2-Dichloroethene	4.70	96	2088	0.108 ug/L	77
34) Trichloroethene	6.57	95	17591	0.878 ug/L	94

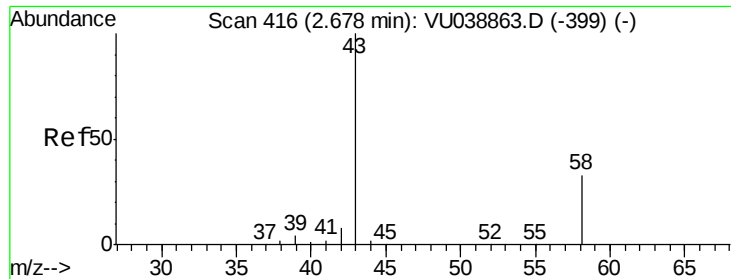
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.829 ug/L

RT: 2.67 min Scan# 415

Delta R.T. -0.00 min

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Acq: 13 Jun 2020 00:32

Instrument :

MSVOA_U

ClientSampleId :

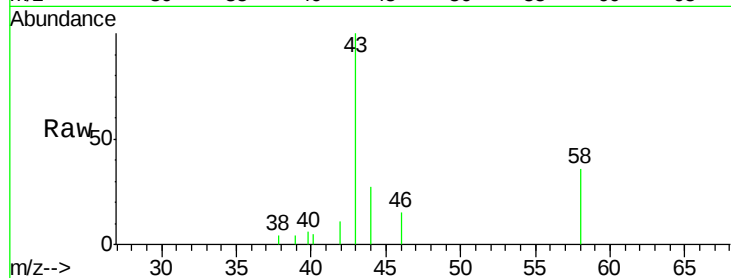
BF8Q6

Tot Ion: 43 Resp: 9723

Ion Ratio Lower Upper

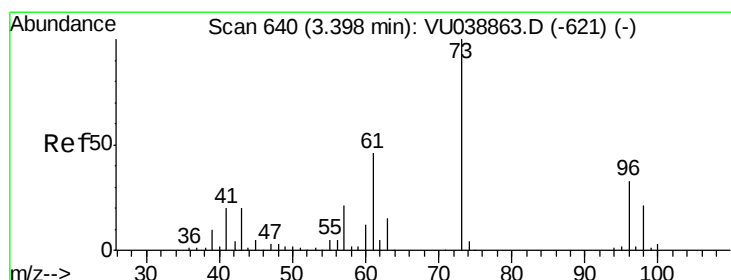
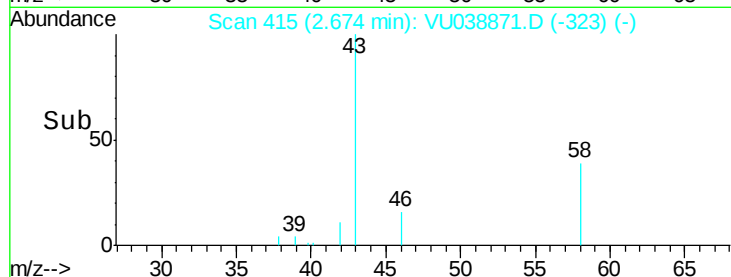
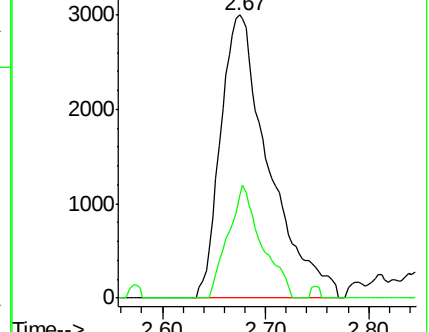
43 100

58 28.0 0.0 66.0



Abundance Ion 43.05 (42.75 to 43.75): VU038871.D (-547) (-)

Ion 58.05 (57.75 to 58.75): VU038871.D (-547) (-)



#17

Methyl tert-butyl Ether

Concen: 0.345 ug/L

RT: 3.40 min Scan# 641

Delta R.T. 0.00 min

Lab File: VU038871.D

Acq: 13 Jun 2020 00:32

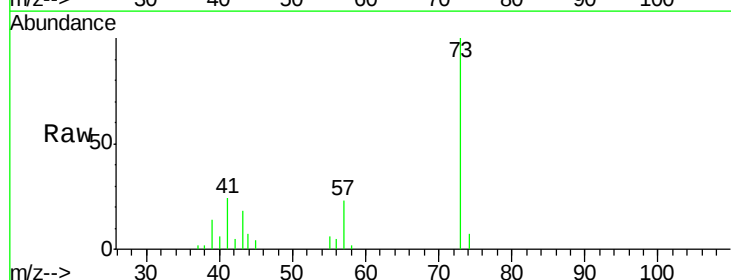
Tgt Ion: 73 Resp: 15422

Ion Ratio Lower Upper

73 100

43 21.2 15.9 23.9

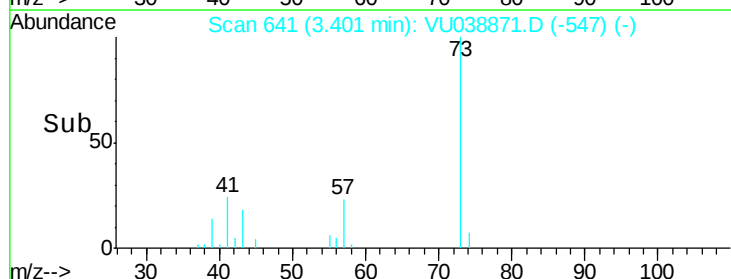
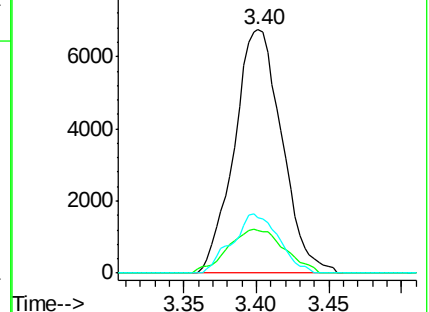
57 23.8 17.5 26.3

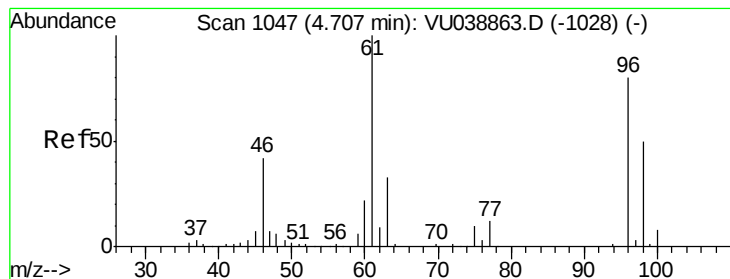


Abundance Ion 73.10 (72.80 to 73.80): VU038871.D (-547) (-)

Ion 43.05 (42.75 to 43.75): VU038871.D (-547) (-)

Ion 57.10 (56.80 to 57.80): VU038871.D (-547) (-)





#22

cis-1,2-Dichloroethene

Concen: 0.108 ug/L

RT: 4.70 min Scan# 1045

Delta R.T. -0.01 min

Lab File: VU038871.D

Acq: 13 Jun 2020 00:32

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BF8Q6

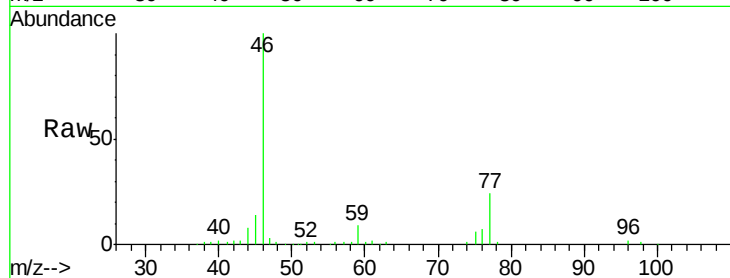
Tot Ion: 96 Resp: 2088

Ion Ratio Lower Upper

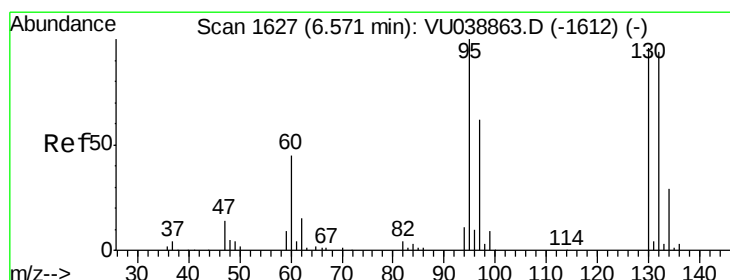
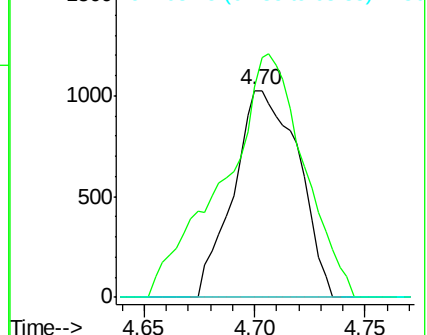
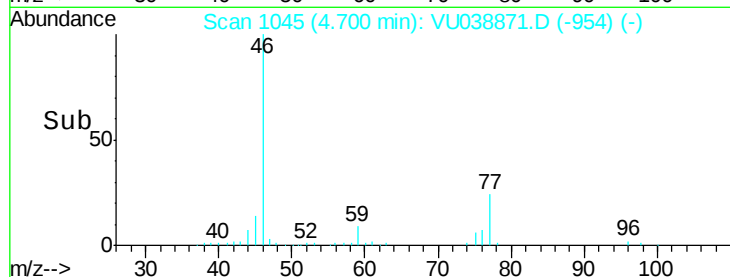
96 100

61 101.6 89.7 166.7

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU038871.D (-1534) (-)



#34

Trichloroethene

Concen: 0.878 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VU038871.D

Acq: 13 Jun 2020 00:32

Tgt Ion: 95 Resp: 17591

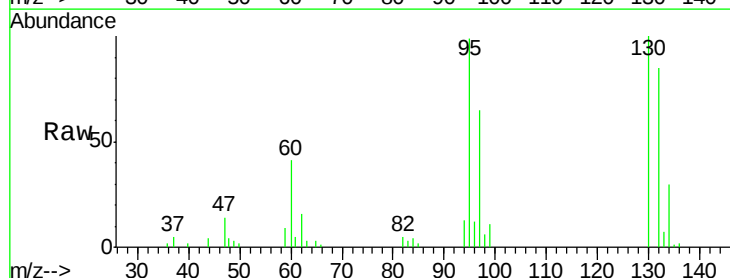
Ion Ratio Lower Upper

95 100

97 65.9 46.1 85.5

132 86.4 67.5 125.3

130 101.3 66.7 123.9



Abundance Ion 95.00 (94.70 to 95.70): VU038871.D (-1534) (-)

