

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051420\
 Data File : VU038174.D
 Acq On : 14 May 2020 17:05
 Operator : JC/MD
 Sample : L2631-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF8N6

Quant Time: May 15 02:59:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 15 01:05:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	330583	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	321002	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	152387	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	104496	3.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.20%
7) Chloroethane-d5	1.93	69	105162	4.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.40%
11) 1,1-Dichloroethene-d2	2.59	63	141563	2.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.00%#
20) 2-Butanone-d5	4.66	46	422760	56.67	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.34%
24) Chloroform-d	5.10	84	205550	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
26) 1,2-Dichloroethane-d4	5.74	65	127613	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
32) Benzene-d6	5.76	84	432393	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
36) 1,2-Dichloropropane-d6	6.72	67	145294	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.60%
41) Toluene-d8	7.92	98	368085	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.20%
43) trans-1,3-Dichloropropene-	8.20	79	51962	4.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.60%
46) 2-Hexanone-d5	8.65	63	352252	59.98	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.96%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	124117	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	142161	4.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.80%

Target Compounds

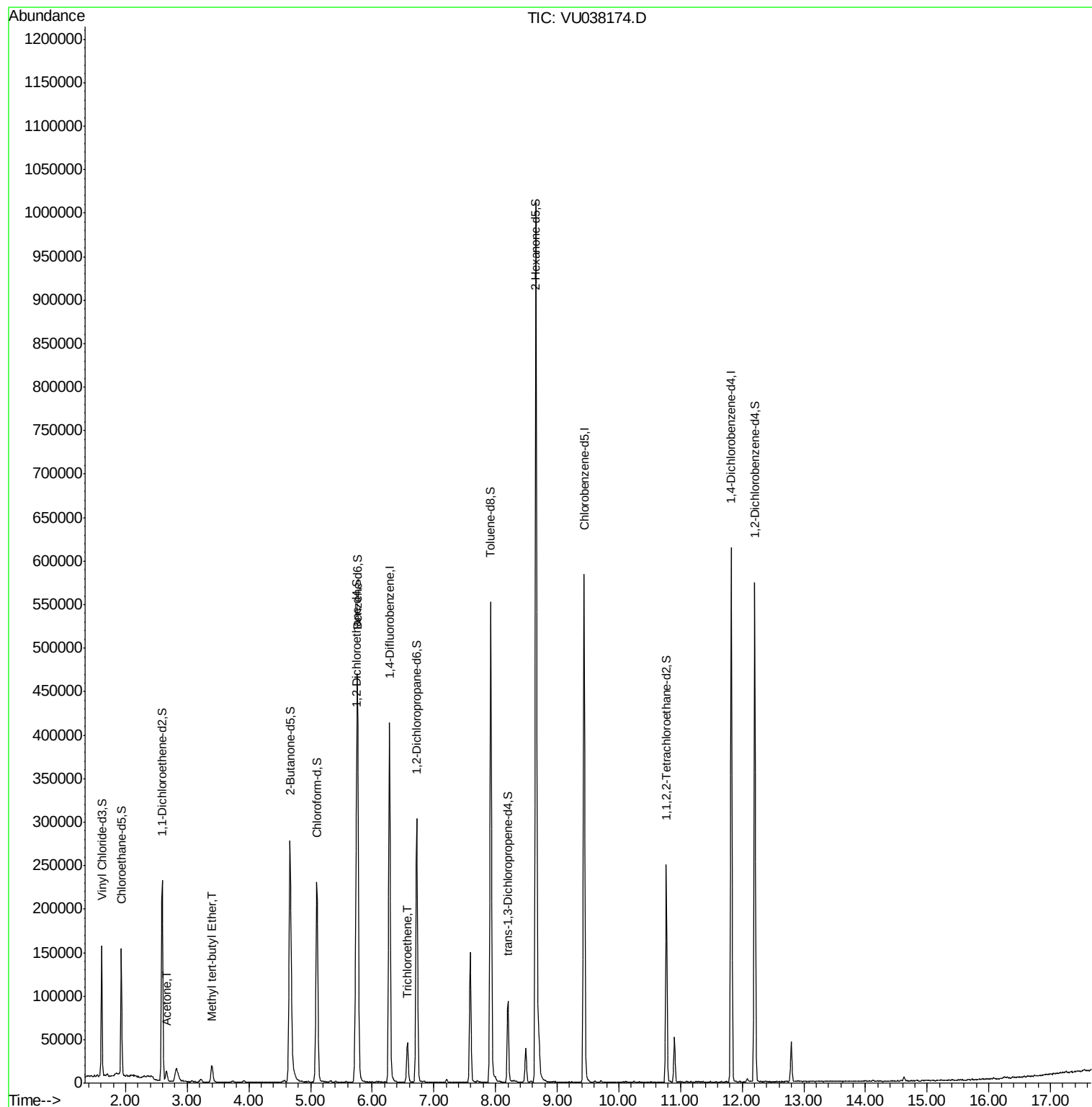
					Ovalue
13) Acetone	2.66	43	15144	3.235	ug/L 100
17) Methyl tert-butyl Ether	3.40	73	19752	0.310	ug/L 94
34) Trichloroethene	6.57	95	14614	0.568	ug/L 98

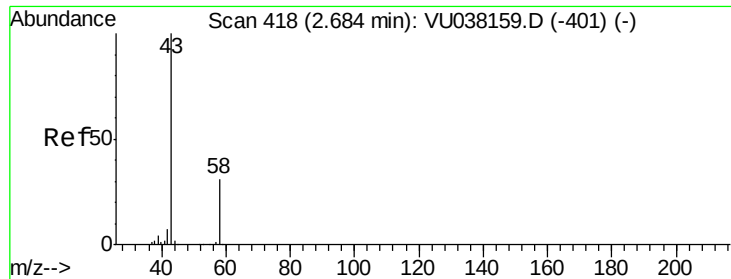
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.235 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.02 min

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MSVOA_U

ClientSampleId :

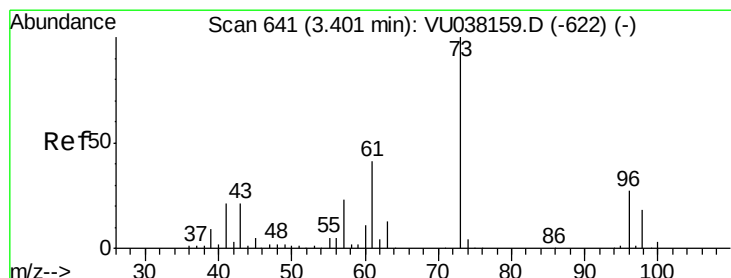
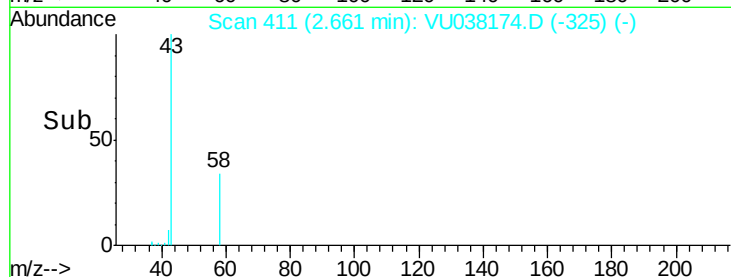
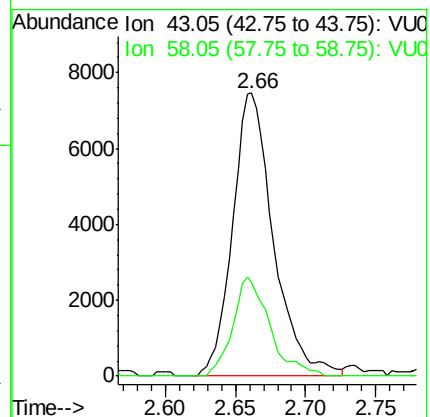
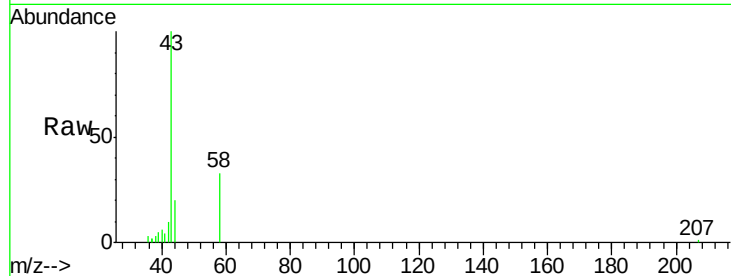
BF8N6

Tot Ion: 43 Resp: 15144

Ion Ratio Lower Upper

43 100

58 31.6 0.0 63.6



#17

Methyl tert-butyl Ether

Concen: 0.310 ug/L

RT: 3.40 min Scan# 640

Delta R.T. -0.00 min

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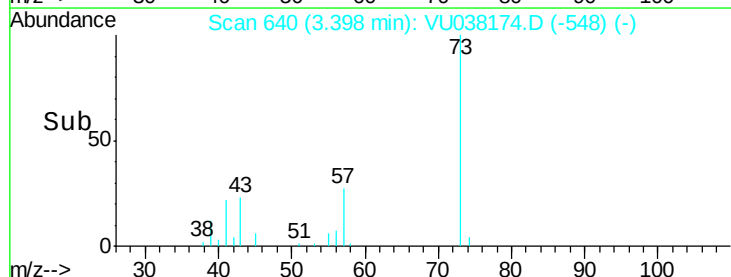
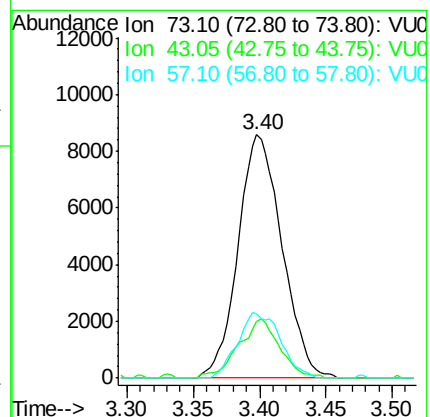
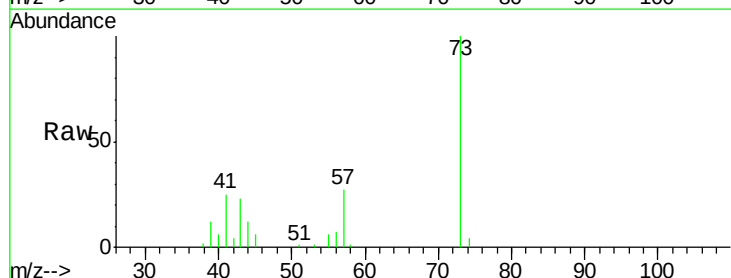
Tgt Ion: 73 Resp: 19752

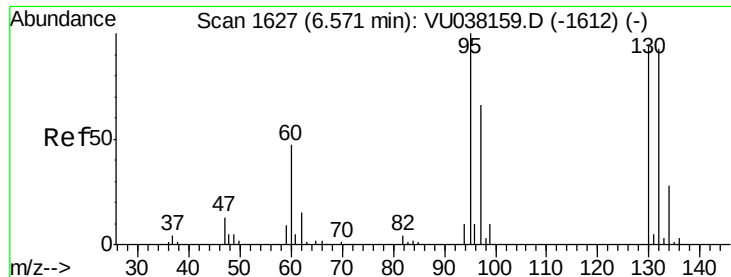
Ion Ratio Lower Upper

73 100

43 22.8 16.9 25.3

57 26.3 18.2 27.2





#34

Trichloroethene

Concen: 0.568 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VU038174.D

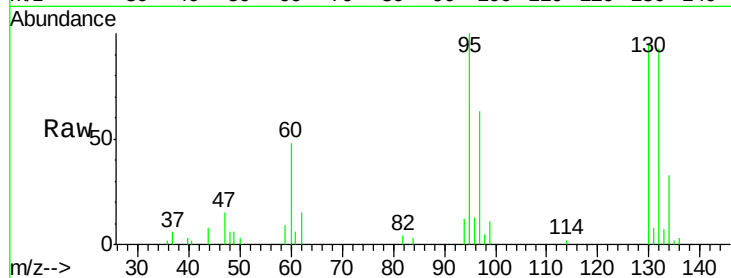
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Tot Ion: 95 Resp: 14614

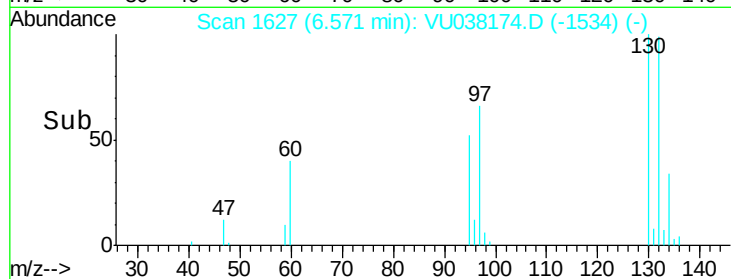
Ion Ratio Lower Upper

95 100

97 62.9 44.9 83.3

132 93.3 63.3 117.5

130 94.7 65.7 122.1



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

