

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051320\
 Data File : VU038153.D
 Acq On : 13 May 2020 18:58
 Operator : JC/MD
 Sample : L2631-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF8N1

Quant Time: May 14 03:24:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 14 01:11:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	333978	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	325264	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	152861	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	115539	3.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.60%
7) Chloroethane-d5	1.93	69	108904	4.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.40%
11) 1,1-Dichloroethene-d2	2.59	63	153396	3.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.00%
20) 2-Butanone-d5	4.66	46	443245	58.81	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.62%
24) Chloroform-d	5.10	84	212343	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.74	65	132593	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	5.76	84	454424	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	6.72	67	152413	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.92	98	399345	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
43) trans-1,3-Dichloropropene-	8.20	79	56088	4.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.00%
46) 2-Hexanone-d5	8.65	63	367126	61.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	123.40%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	130627	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	151778	5.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.00%

Target Compounds

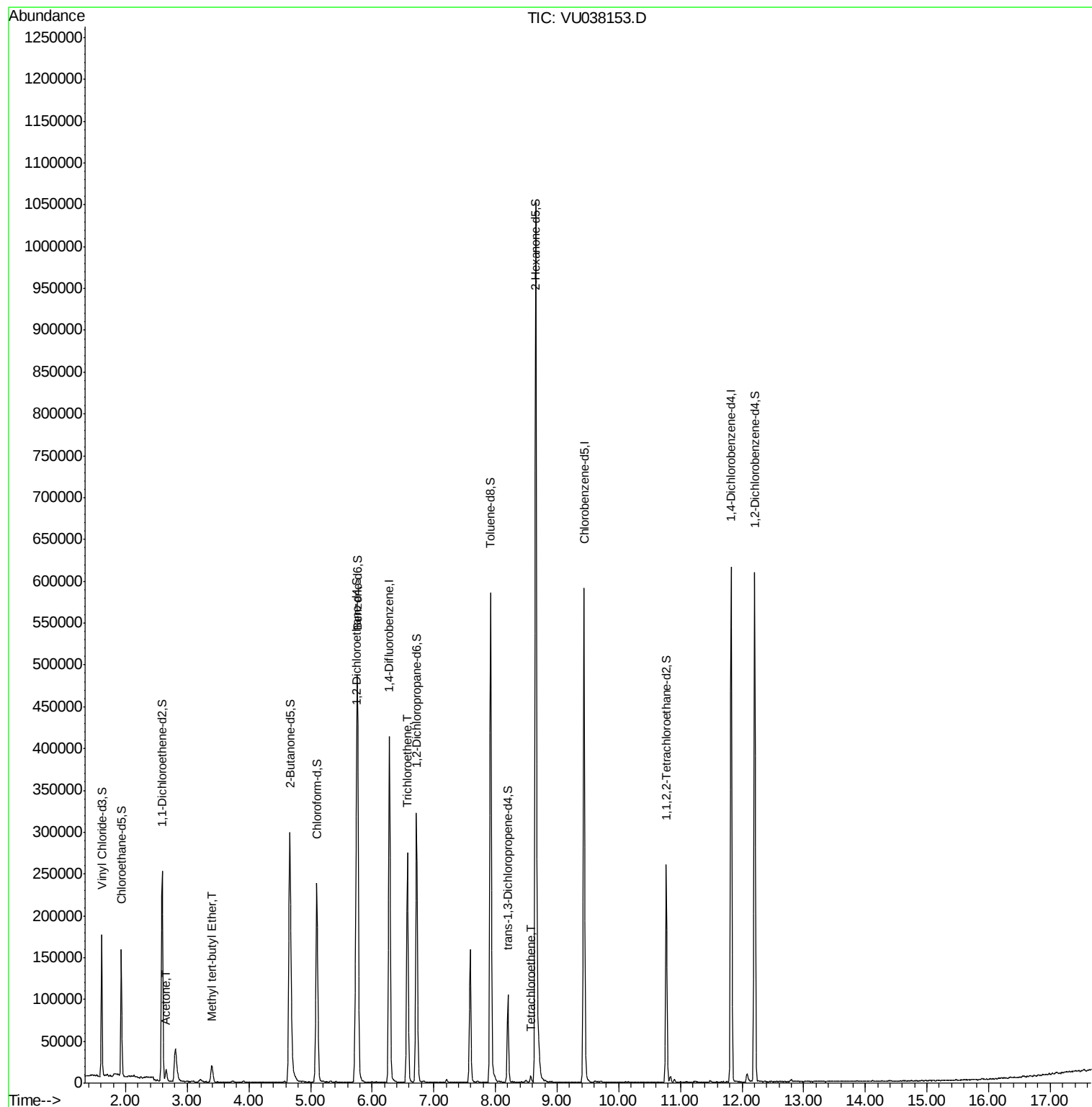
					Ovalue
13) Acetone	2.66	43	16768	3.546 ug/L	98
17) Methyl tert-butyl Ether	3.40	73	20638	0.320 ug/L	94
34) Trichloroethene	6.57	95	95196	3.654 ug/L	98
47) Tetrachloroethene	8.57	164	1815	0.100 ug/L	81

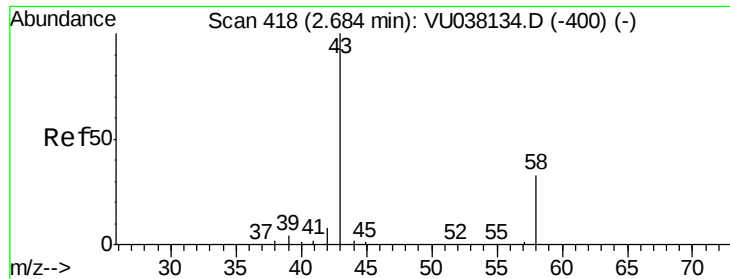
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.546 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.03 min

Lab File: VU038153.D

Acq: 13 May 2020 18:58

Instrument :

MSVOA_U

ClientSampleId :

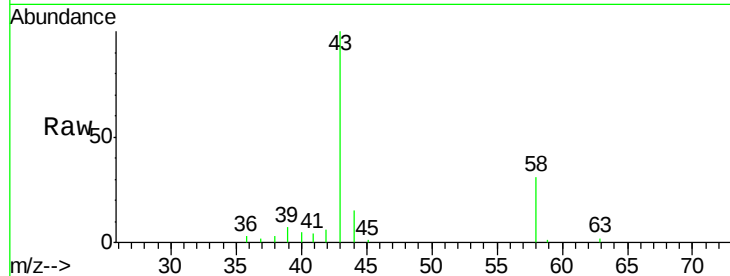
BF8N1

Tot Ion: 43 Resp: 16768

Ion Ratio Lower Upper

43 100

58 30.9 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VU038153.D (-325) (-)

Ion 58.05 (57.75 to 58.75): VU038153.D (-325) (-)

2.66

10000

8000

6000

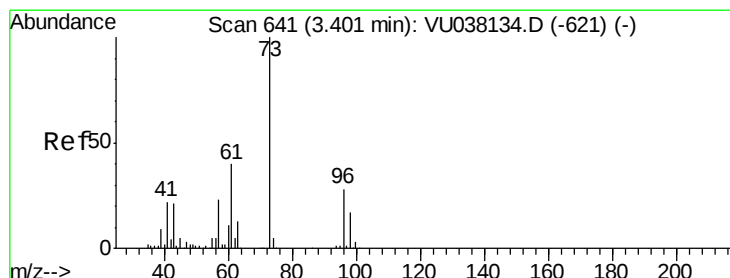
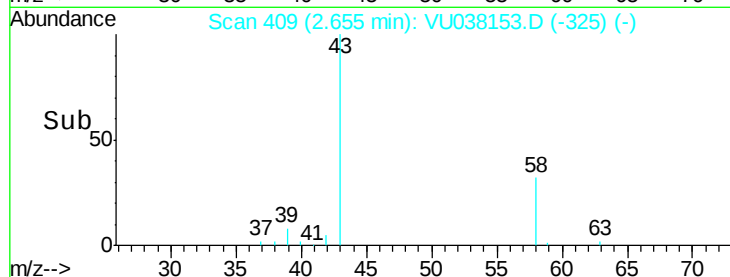
4000

2000

0

Time-->

2.60 2.65 2.70 2.75



#17

Methyl tert-butyl Ether

Concen: 0.320 ug/L

RT: 3.40 min Scan# 640

Delta R.T. -0.00 min

Lab File: VU038153.D

Acq: 13 May 2020 18:58

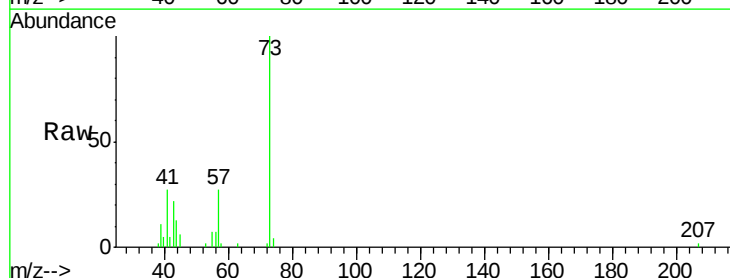
Tgt Ion: 73 Resp: 20638

Ion Ratio Lower Upper

73 100

43 22.2 16.9 25.3

57 26.9 18.2 27.2



Abundance Ion 73.10 (72.80 to 73.80): VU038153.D (-548) (-)

Ion 43.05 (42.75 to 43.75): VU038153.D (-548) (-)

Ion 57.10 (56.80 to 57.80): VU038153.D (-548) (-)

3.40

10000

8000

6000

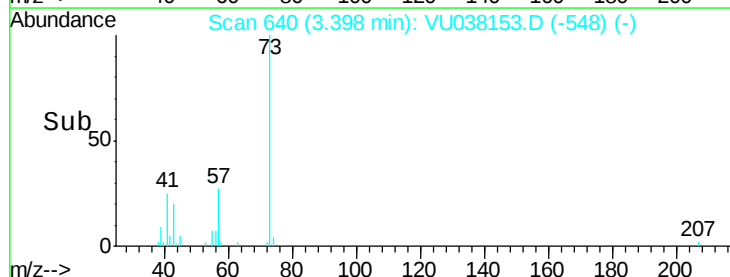
4000

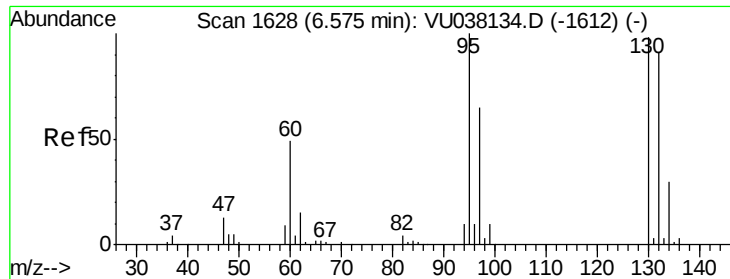
2000

0

Time-->

3.30 3.35 3.40 3.45 3.50





#34

Trichloroethene

Concen: 3.654 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VU038153.D

Acq: 13 May 2020 18:58

Instrument :

MSVOA_U

ClientSampleId :

BF8N1

Tot Ion: 95 Resp: 95196

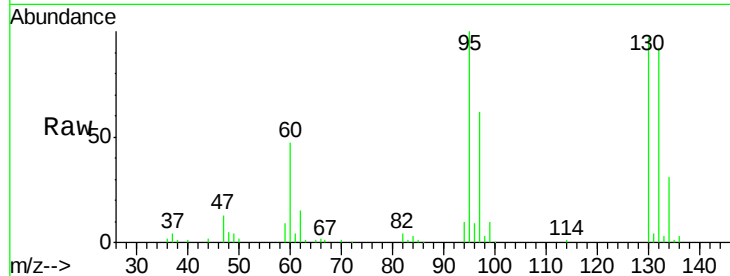
Ion Ratio Lower Upper

95 100

97 62.1 44.9 83.3

132 91.6 63.3 117.5

130 96.9 65.7 122.1

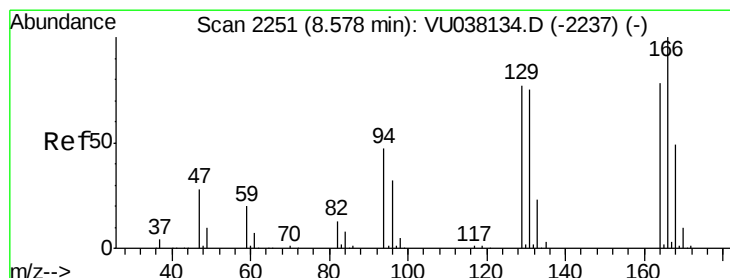
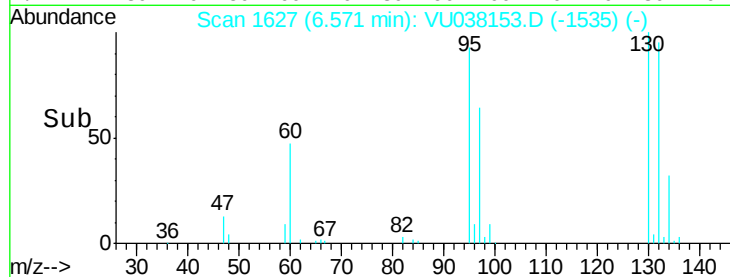
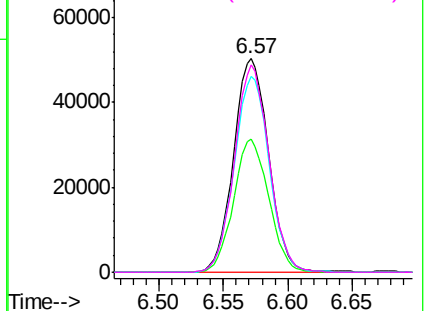


Abundance Ion 95.00 (94.70 to 95.70): VU038153.D (-1535) (-)

Ion 96.95 (96.65 to 97.65): VU038153.D (-1535) (-)

Ion 131.95 (131.65 to 132.65): VU038153.D (-1535) (-)

Ion 129.95 (129.65 to 130.65): VU038153.D (-1535) (-)



#47

Tetrachloroethene

Concen: 0.100 ug/L

RT: 8.57 min Scan# 2249

Delta R.T. -0.01 min

Lab File: VU038153.D

Acq: 13 May 2020 18:58

Tgt Ion: 164 Resp: 1815

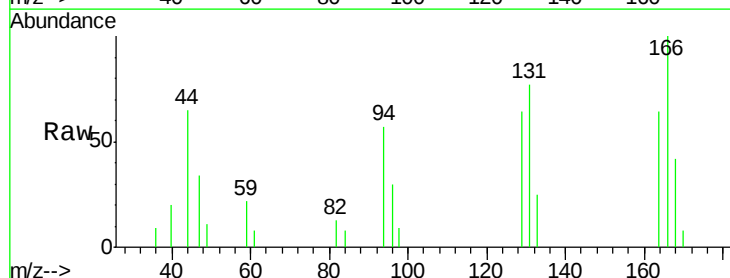
Ion Ratio Lower Upper

164 100

129 100.6 68.8 127.8

131 120.4 66.8 124.2

166 157.2 88.9 165.1



Abundance Ion 163.90 (163.60 to 164.60): VU038153.D (-2158) (-)

Ion 128.95 (128.65 to 129.65): VU038153.D (-2158) (-)

Ion 130.95 (130.65 to 131.65): VU038153.D (-2158) (-)

Ion 165.90 (165.60 to 166.60): VU038153.D (-2158) (-)

