

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051520\
 Data File : VU038196.D
 Acq On : 15 May 2020 14:30
 Operator : JC/MD
 Sample : L2657-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFST5

Quant Time: May 16 05:57:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 16 03:30:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	333837	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	326624	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	155588	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	113041	3.70	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.00%
7) Chloroethane-d5	1.93	69	114701	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.80%
11) 1,1-Dichloroethene-d2	2.59	63	152202	2.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.60%#
20) 2-Butanone-d5	4.67	46	423962	56.27	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.54%
24) Chloroform-d	5.10	84	215835	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.74	65	132969	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
32) Benzene-d6	5.76	84	453357	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	6.72	67	153185	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.00%
41) Toluene-d8	7.92	98	389539	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
43) trans-1,3-Dichloropropene-	8.20	79	53548	4.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.60%
46) 2-Hexanone-d5	8.65	63	342835	57.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.74%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	122068	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	147405	4.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.40%

Target Compounds

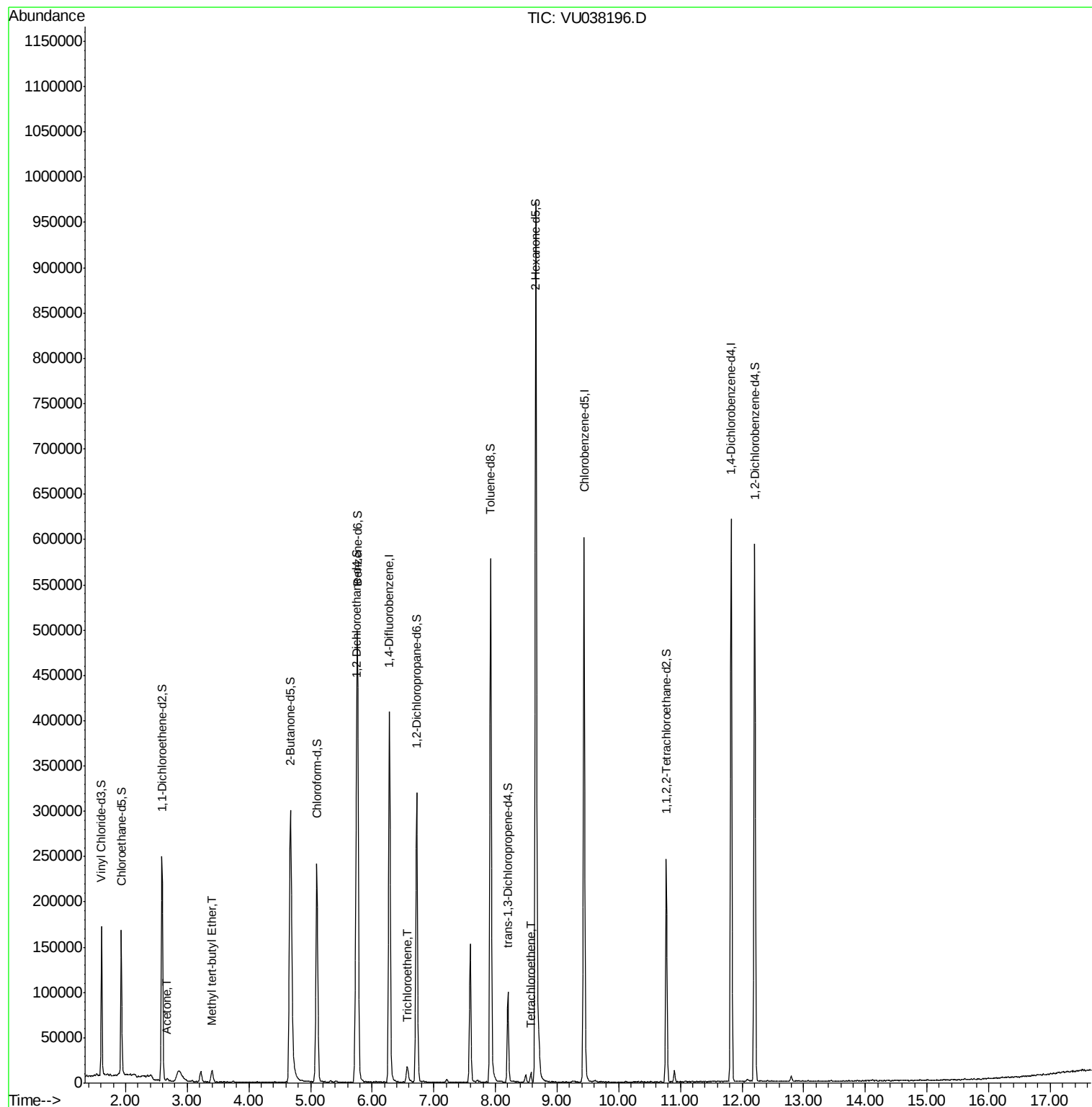
					Ovalue
13) Acetone	2.67	43	4362	0.923 ug/L	100
17) Methyl tert-butyl Ether	3.40	73	13588	0.211 ug/L	96
34) Trichloroethene	6.57	95	4579	0.175 ug/L	90
47) Tetrachloroethene	8.57	164	2236	0.122 ug/L	97

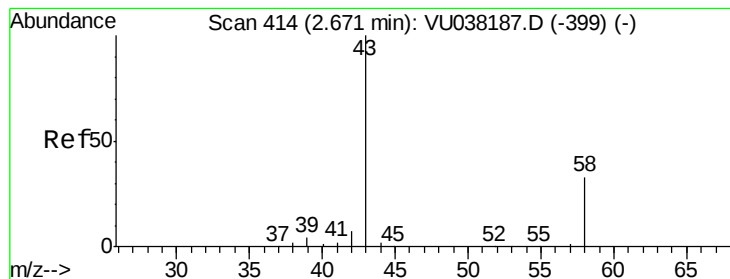
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.923 ug/L

RT: 2.67 min Scan# 415

Delta R.T. 0.00 min

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Acq: 15 May 2020 14:30

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MSVOA_U

ClientSampleId :

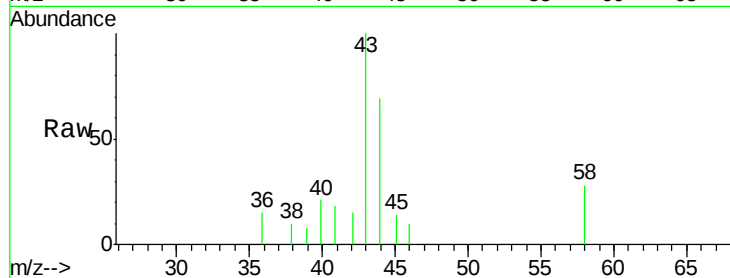
BFST5

Tot Ion: 43 Resp: 4362

Ion Ratio Lower Upper

43 100

58 31.6 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VU038187.D (-399) (-)

Ion 58.05 (57.75 to 58.75): VU038187.D (-399) (-)

2.67

1500

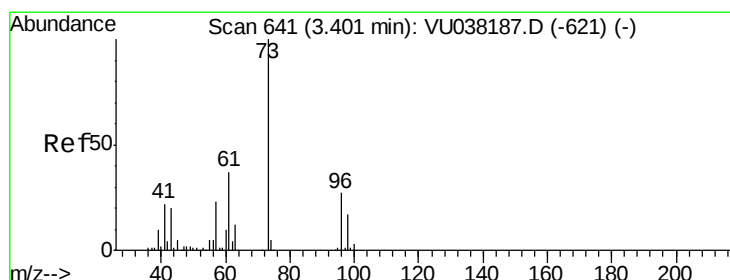
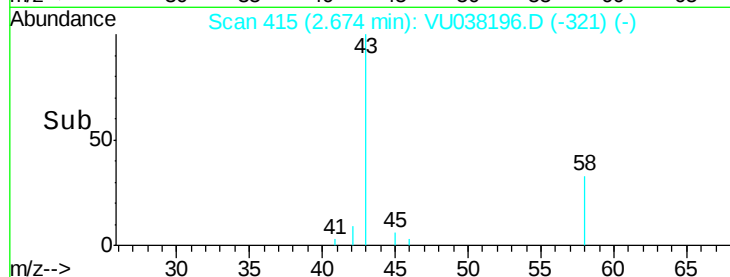
1000

500

0

Time-->

2.60 2.65 2.70 2.75



#17

Methyl tert-butyl Ether

Concen: 0.211 ug/L

RT: 3.40 min Scan# 642

Delta R.T. 0.00 min

Lab File: VU038196.D

Acq: 15 May 2020 14:30

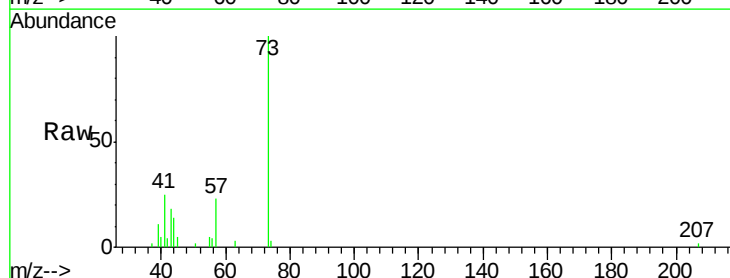
Tgt Ion: 73 Resp: 13588

Ion Ratio Lower Upper

73 100

43 22.9 16.9 25.3

57 24.4 18.2 27.2



Abundance Ion 73.10 (72.80 to 73.80): VU038187.D (-621) (-)

Ion 43.05 (42.75 to 43.75): VU038187.D (-621) (-)

Ion 57.10 (56.80 to 57.80): VU038187.D (-621) (-)

3.40

8000

6000

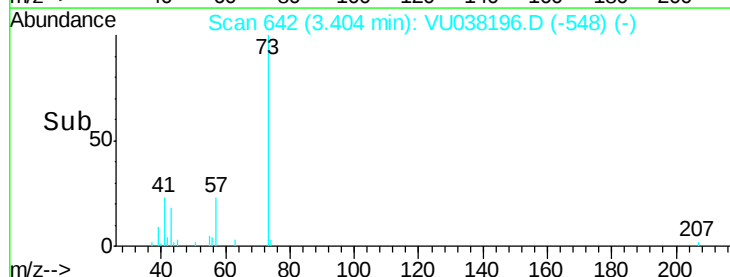
4000

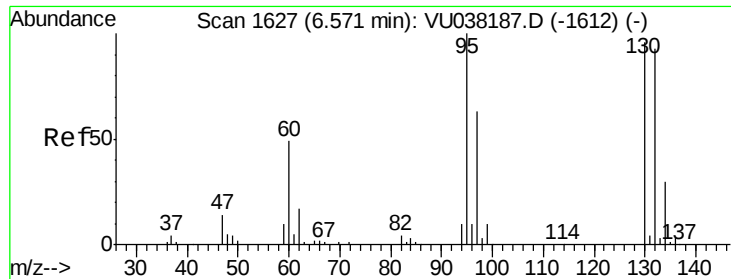
2000

0

Time-->

3.35 3.40 3.45





#34

Trichloroethene

Concen: 0.175 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VU038196.D

Acq: 15 May 2020 14:30

Instrument :

MSVOA_U

ClientSampleId :

BFST5

Tot Ion: 95 Resp: 4579

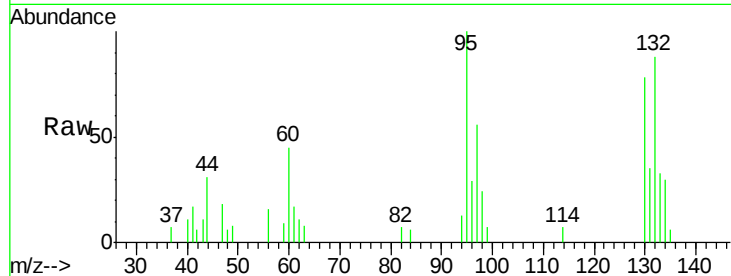
Ion Ratio Lower Upper

95 100

97 56.2 44.9 83.3

132 87.7 63.3 117.5

130 77.7 65.7 122.1

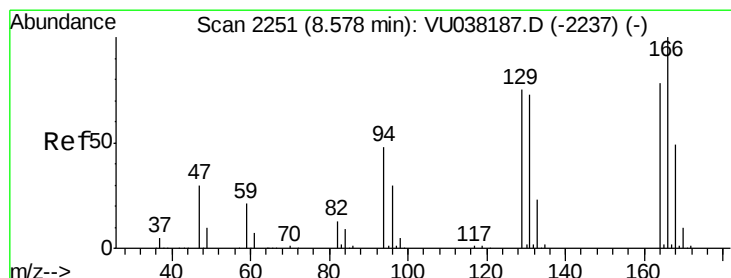
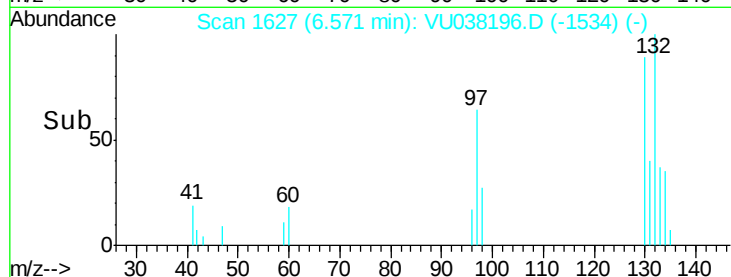
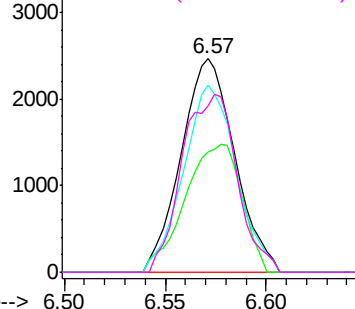


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#47

Tetrachloroethene

Concen: 0.122 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU038196.D

Acq: 15 May 2020 14:30

Tgt Ion: 164 Resp: 2236

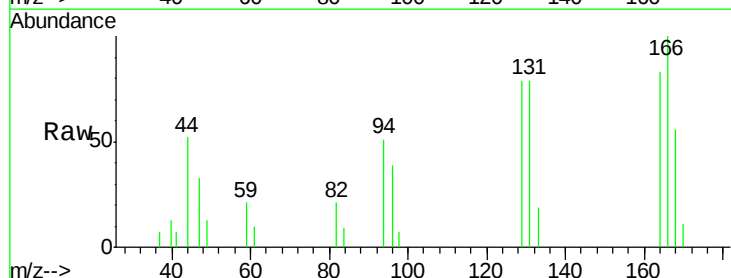
Ion Ratio Lower Upper

164 100

129 95.4 68.8 127.8

131 95.3 66.8 124.2

166 120.3 88.9 165.1



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

