

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051320\
 Data File : VU038136.D
 Acq On : 13 May 2020 11:31
 Operator : JC/MD
 Sample : L2599-02RE
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSE5RE

Quant Time: May 14 01:28:16 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	425253	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	403089	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	194544	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	105283	2.71	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	54.20%
7) Chloroethane-d5	1.93	69	100647	2.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	59.80%#
11) 1,1-Dichloroethene-d2	2.59	63	143560	2.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	44.20%#
20) 2-Butanone-d5	4.68	46	423755	44.15	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.30%
24) Chloroform-d	5.10	84	194143	3.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	65.80%#
26) 1,2-Dichloroethane-d4	5.74	65	118890	3.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.40%
32) Benzene-d6	5.76	84	416947	3.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	69.00%#
36) 1,2-Dichloropropane-d6	6.72	67	137269	3.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	70.40%
41) Toluene-d8	7.93	98	362537	3.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.80%#
43) trans-1,3-Dichloropropene-	8.20	79	51434	3.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.80%
46) 2-Hexanone-d5	8.66	63	348536	47.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.52%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	120358	3.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	136820	3.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	72.20%#

Target Compounds

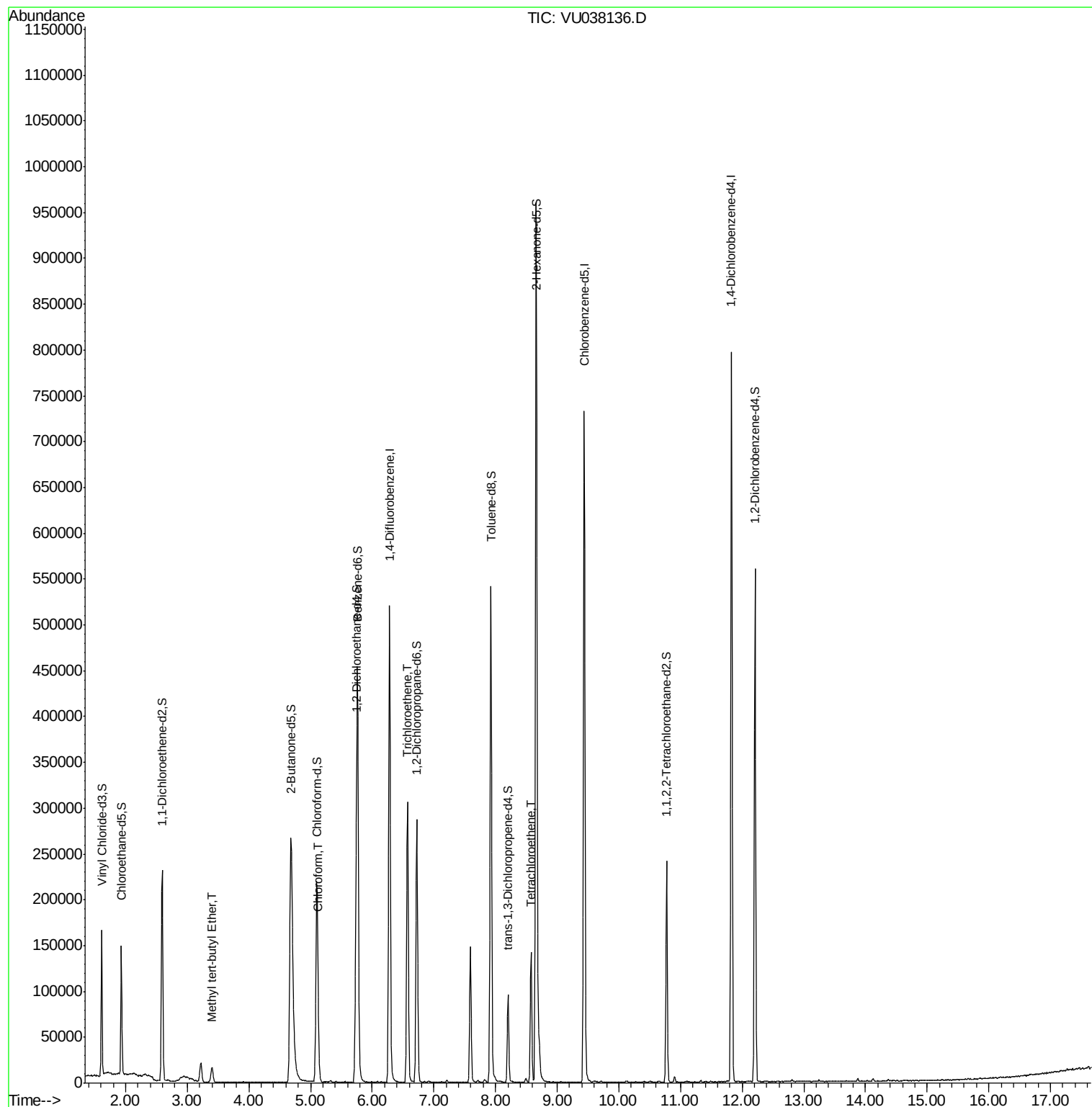
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
17) Methyl tert-butyl Ether	3.40	73	18697	0.228	ug/L	98
25) Chloroform	5.13	83	24260	0.413	ug/L	99
34) Trichloroethene	6.57	95	105882	3.280	ug/L	98
47) Tetrachloroethene	8.58	164	32180	1.425	ug/L	96

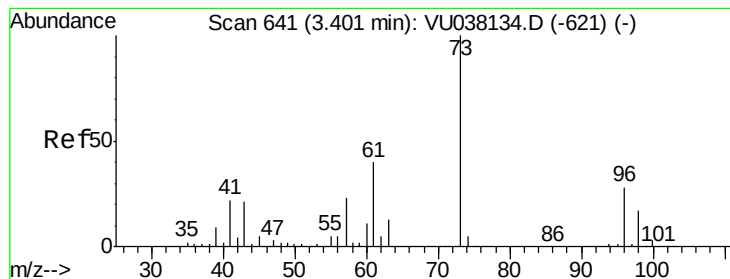
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

Methyl tert-butyl Ether

Concen: 0.228 ug/L

RT: 3.40 min Scan# 641

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

BFSE5RE

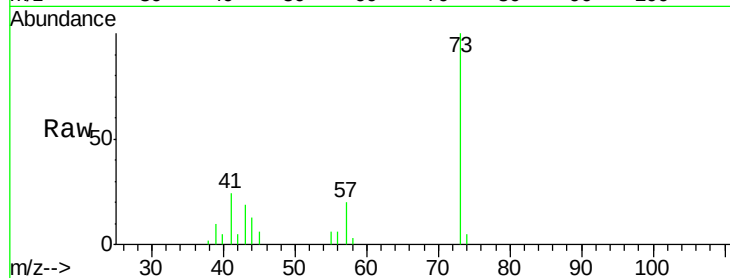
Tot Ion: 73 Resp: 18697

Ion Ratio Lower Upper

73 100

43 21.6 16.9 25.3

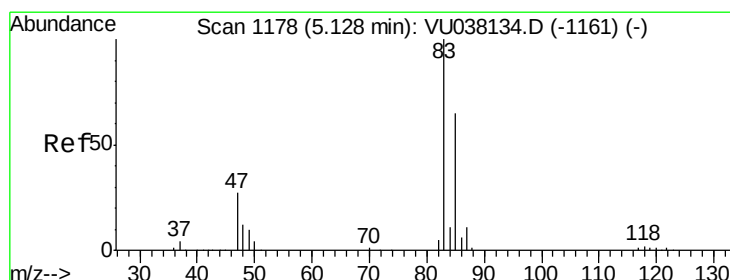
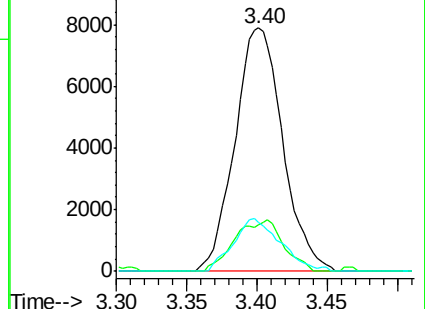
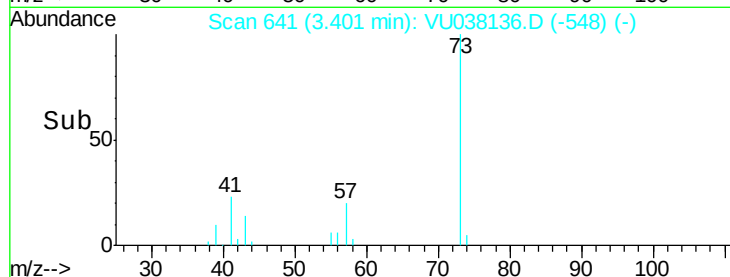
57 21.4 18.2 27.2



Abundance Ion 73.10 (72.80 to 73.80): VU038136.D (-548) (-)

Ion 43.05 (42.75 to 43.75): VU038136.D (-548) (-)

Ion 57.10 (56.80 to 57.80): VU038136.D (-548) (-)



#25

Chloroform

Concen: 0.413 ug/L

RT: 5.13 min Scan# 1178

Delta R.T. -0.00 min

Lab File: VU038136.D

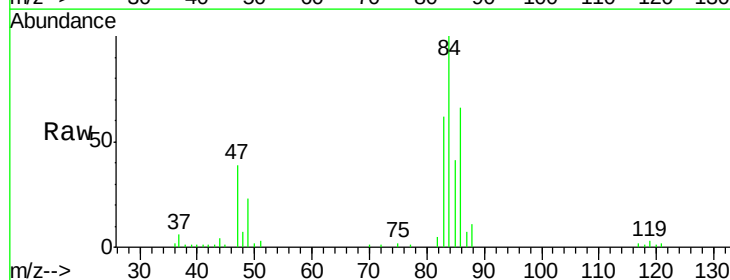
Acq: 13 May 2020 11:31

Tgt Ion: 83 Resp: 24260

Ion Ratio Lower Upper

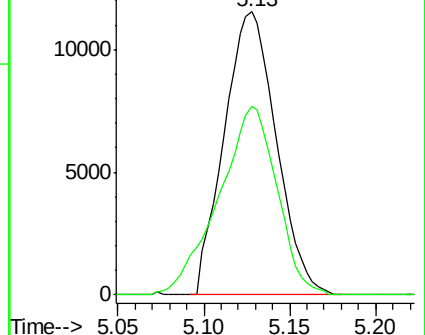
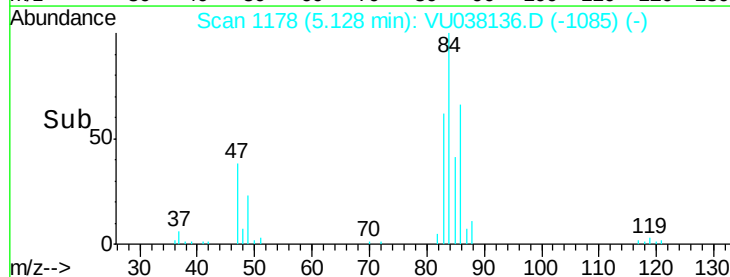
83 100

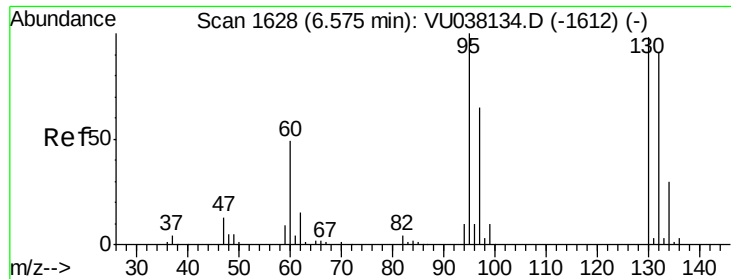
85 66.5 46.2 85.8



Abundance Ion 83.05 (82.75 to 83.75): VU038136.D (-1085) (-)

Ion 85.00 (84.70 to 85.70): VU038136.D (-1085) (-)





#34

Trichloroethene

Concen: 3.280 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VU038136.D

Acq: 13 May 2020 11:31

Instrument :

MSVOA_U

ClientSampleId :

BFSE5RE

Tot Ion: 95 Resp: 105882

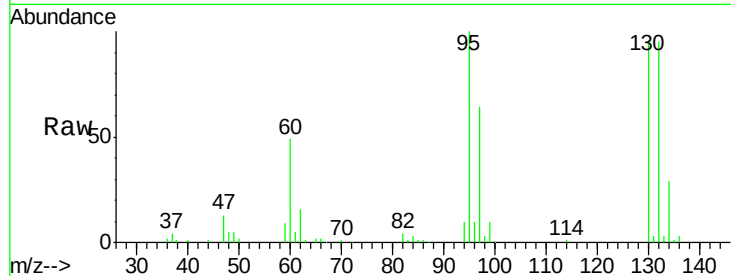
Ion Ratio Lower Upper

95 100

97 63.8 44.9 83.3

132 94.5 63.3 117.5

130 95.9 65.7 122.1

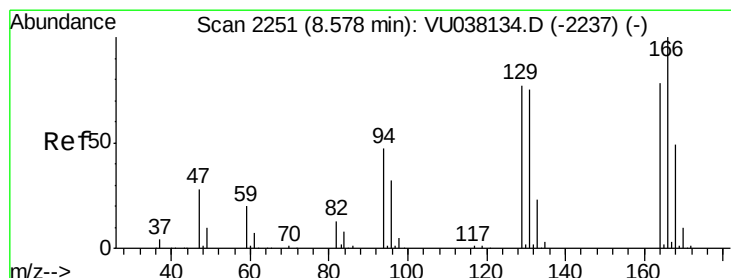
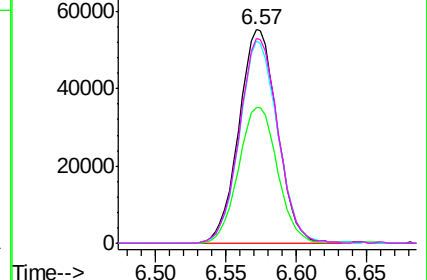
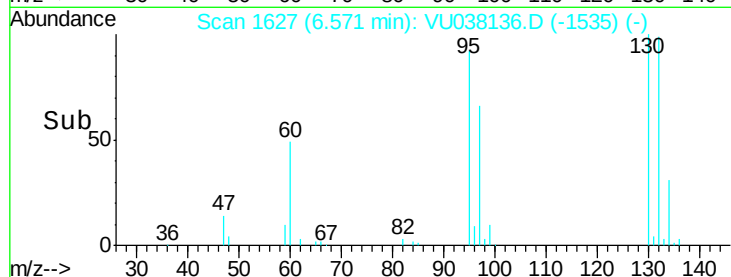


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 1.425 ug/L

RT: 8.58 min Scan# 2251

Delta R.T. -0.00 min

Lab File: VU038136.D

Acq: 13 May 2020 11:31

Tgt Ion: 164 Resp: 32180

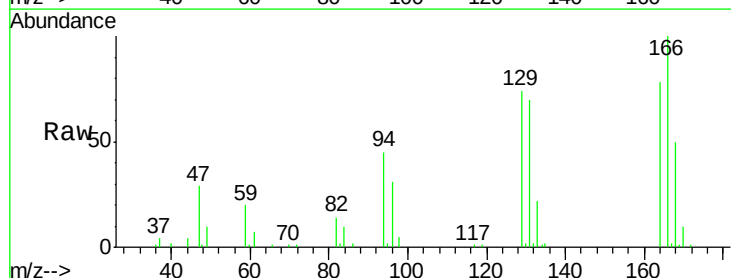
Ion Ratio Lower Upper

164 100

129 94.5 68.8 127.8

131 89.3 66.8 124.2

166 128.2 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

