

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061320\
 Data File : VU038848.D
 Acq On : 12 Jun 2020 14:00
 Operator : SY/MD
 Sample : L2957-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFX43

Quant Time: Jun 13 01:21:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jun 13 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	279295	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	278786	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	129527	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	96128	6.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	126.20%
7) Chloroethane-d5	1.93	69	76908	6.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	125.80%
11) 1,1-Dichloroethene-d2	2.59	63	147792	4.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.40%
20) 2-Butanone-d5	4.68	46	292866	61.30	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.60%
24) Chloroform-d	5.10	84	185122	5.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.80%
26) 1,2-Dichloroethane-d4	5.74	65	107662	5.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.00%
32) Benzene-d6	5.76	84	374056	5.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.80%
36) 1,2-Dichloropropane-d6	6.72	67	111189	5.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	114.20%
41) Toluene-d8	7.92	98	317512	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
43) trans-1,3-Dichloropropene-	8.20	79	44634	5.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.20%
46) 2-Hexanone-d5	8.65	63	251081	65.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	130.58%#
57) 1,1,2,2-Tetrachloroethane-	10.77	84	95411	5.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	124429	5.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.00%

Target Compounds

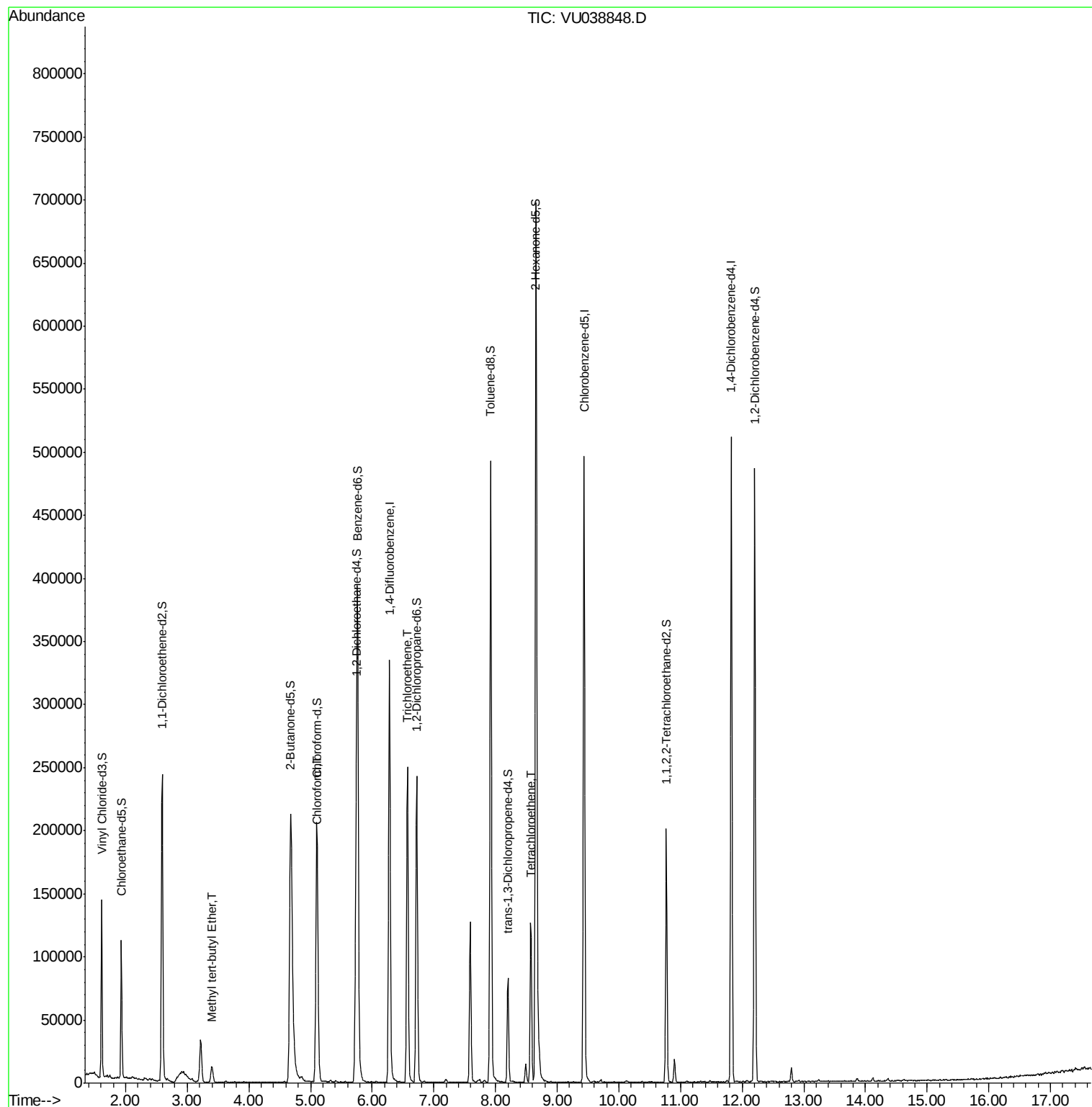
					Ovalue
17) Methyl tert-butyl Ether	3.40	73	14308	0.284 ug/L	# 87
25) Chloroform	5.12	83	20178	0.518 ug/L	93
34) Trichloroethene	6.57	95	83953	3.816 ug/L	98
47) Tetrachloroethene	8.57	164	27605	1.630 ug/L	96

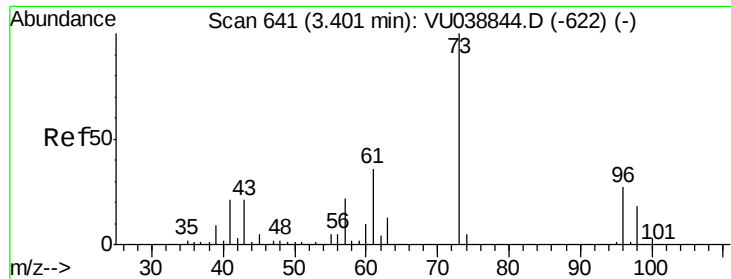
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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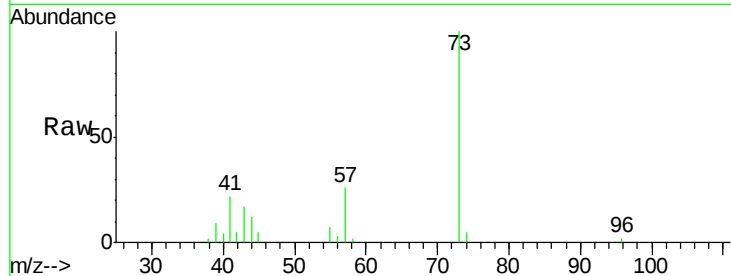




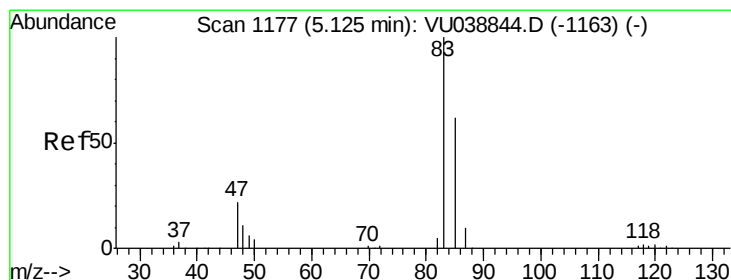
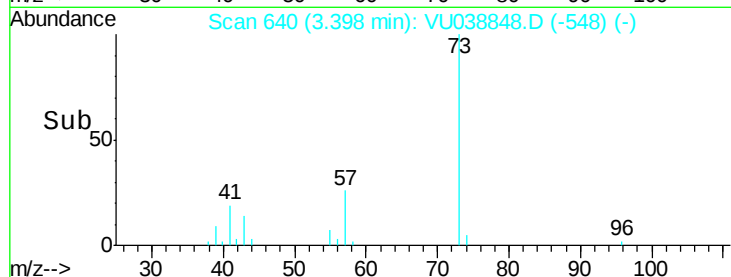
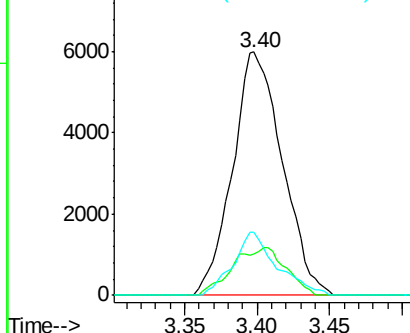
#17
Methvl tert-butvl Ether
Concen: 0.284 ug/L
RT: 3.40 min Scan# 640
Delta R.T. -0.00 min
Lab File: VU038848.D
Acq: 12 Jun 2020 14:00

Instrument :
MSVOA_U
ClientSampleId :
BFX43

Tot Ion: 73 Resp: 14308
Ion Ratio Lower Upper
73 100
43 8.4 15.9 23.9#
57 22.7 17.5 26.3

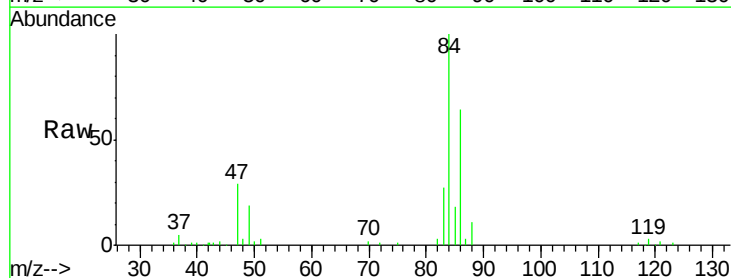


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

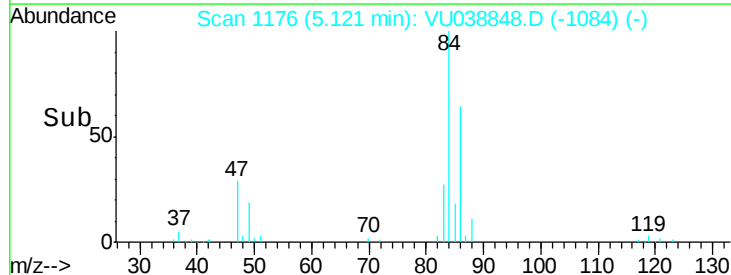
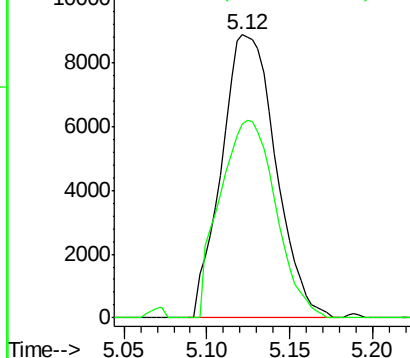


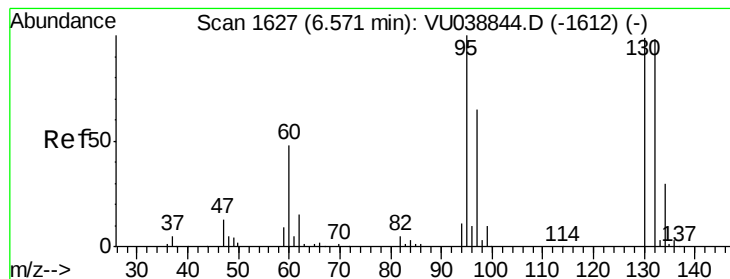
#25
Chloroform
Concen: 0.518 ug/L
RT: 5.12 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VU038848.D
Acq: 12 Jun 2020 14:00

Tgt Ion: 83 Resp: 20178
Ion Ratio Lower Upper
83 100
85 68.4 44.1 81.9



Abundance Ion 83.05 (82.75 to 83.75): VU0
Ion 85.00 (84.70 to 85.70): VU0





#34

Trichloroethene

Concen: 3.816 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VU038848.D

Acq: 12 Jun 2020 14:00

Instrument :

MSVOA_U

ClientSampleId :

BFX43

Tot Ion: 95 Resp: 83953

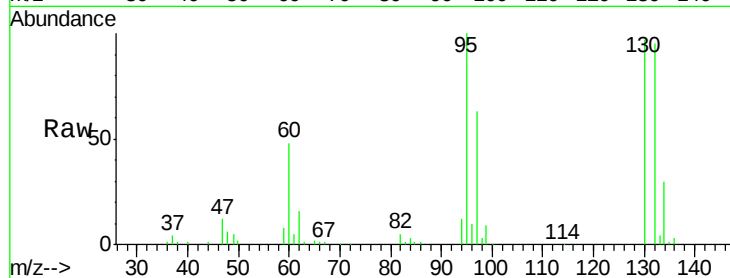
Ion Ratio Lower Upper

95 100

97 62.9 46.1 85.5

132 95.0 67.5 125.3

130 96.6 66.7 123.9

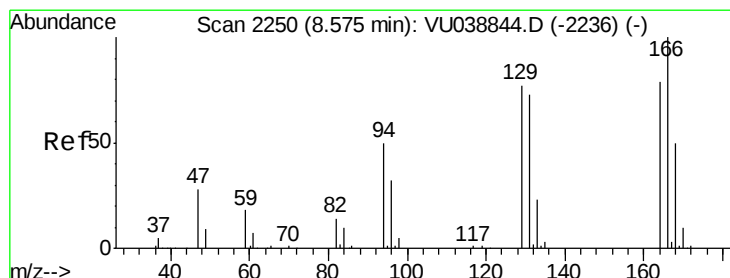
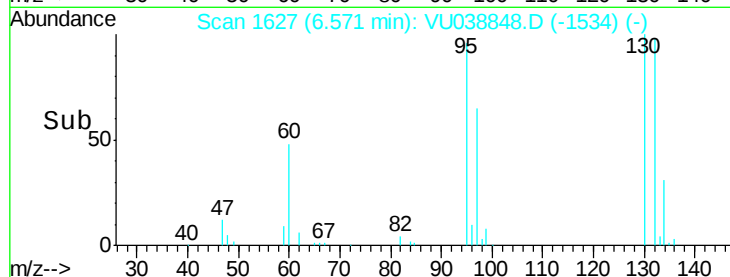
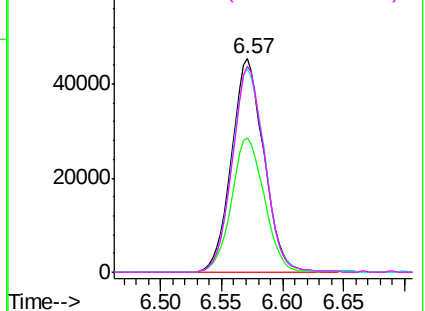


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 1.630 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU038848.D

Acq: 12 Jun 2020 14:00

Tgt Ion: 164 Resp: 27605

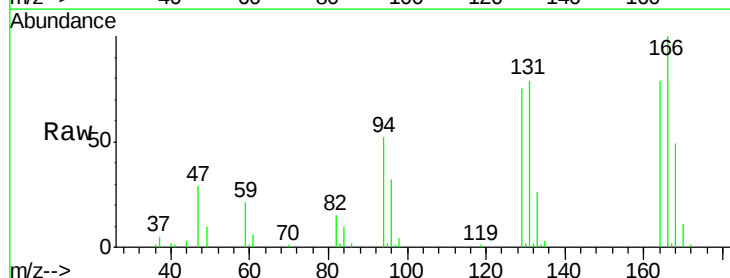
Ion Ratio Lower Upper

164 100

129 95.2 67.3 124.9

131 100.5 65.0 120.6

166 127.0 91.0 169.0



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

