

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051820\
 Data File : VU038214.D
 Acq On : 18 May 2020 12:53
 Operator : JC/MD
 Sample : L2657-05DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFST8DL

Quant Time: May 18 22:47:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon May 18 22:23:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	410081	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	398776	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	188686	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	102289	2.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	54.60%
7) Chloroethane-d5	1.93	69	94170	2.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	58.00%#
11) 1,1-Dichloroethene-d2	2.59	63	127159	2.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	40.60%#
20) 2-Butanone-d5	4.68	46	393087	42.47	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.94%
24) Chloroform-d	5.10	84	182882	3.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	64.20%#
26) 1,2-Dichloroethane-d4	5.74	65	112883	3.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.20%#
32) Benzene-d6	5.76	84	372627	3.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	62.40%#
36) 1,2-Dichloropropane-d6	6.72	67	129715	3.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	67.20%
41) Toluene-d8	7.92	98	320377	2.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	59.60%#
43) trans-1,3-Dichloropropene-	8.20	79	48504	3.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	62.80%
46) 2-Hexanone-d5	8.66	63	290290	39.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.58%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	111743	3.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	73.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	129258	3.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	70.40%#

Target Compounds

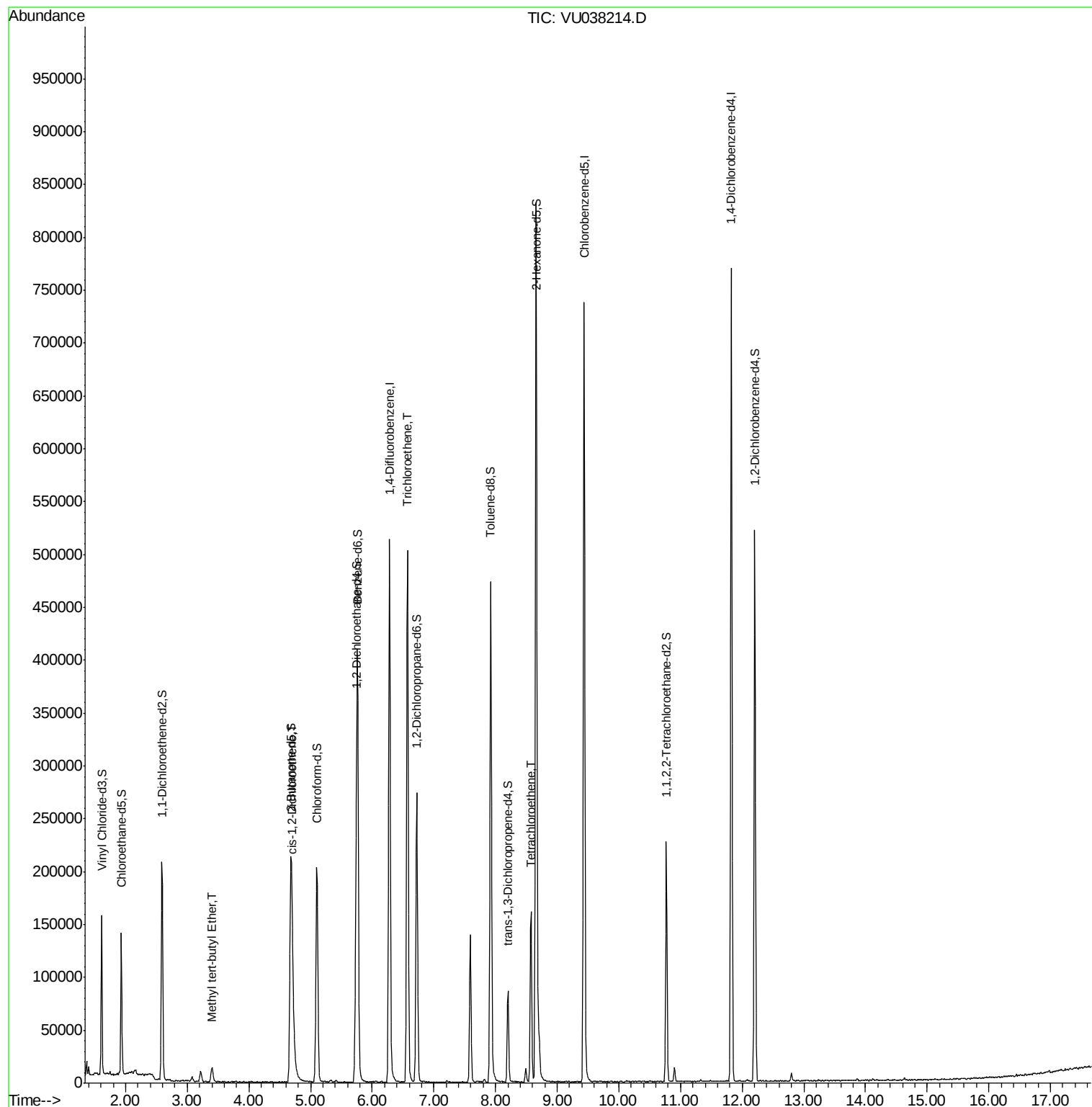
					Ovalue
17) Methyl tert-butyl Ether	3.40	73	14209	0.180 ug/L	94
22) cis-1,2-Dichloroethene	4.71	96	6019	0.180 ug/L	80
34) Trichloroethene	6.57	95	168886	5.288 ug/L	99
47) Tetrachloroethene	8.57	164	35757	1.601 ug/L	96

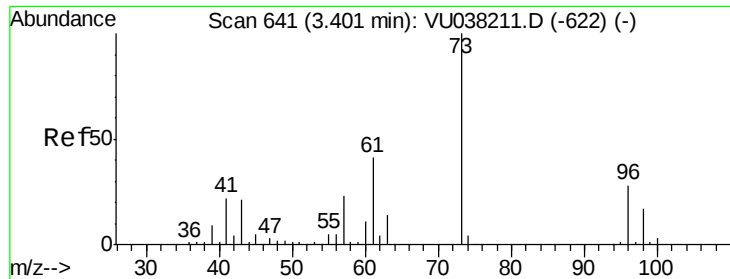
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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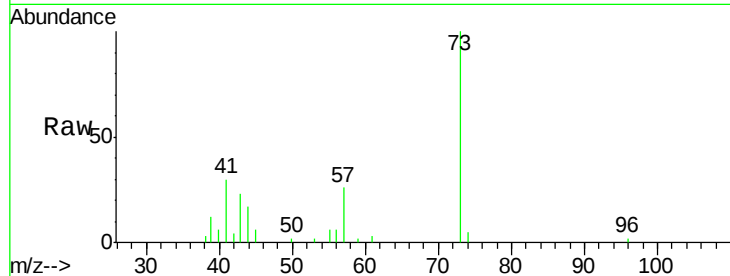




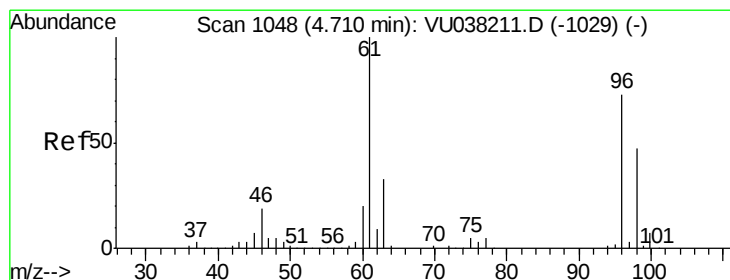
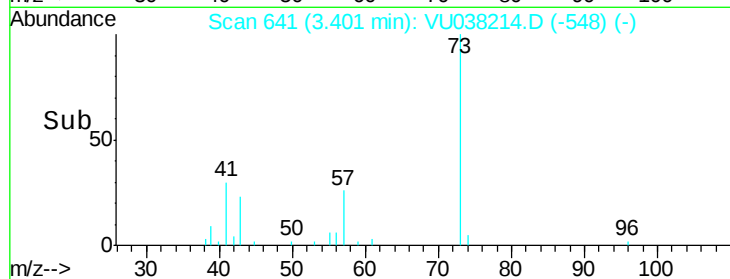
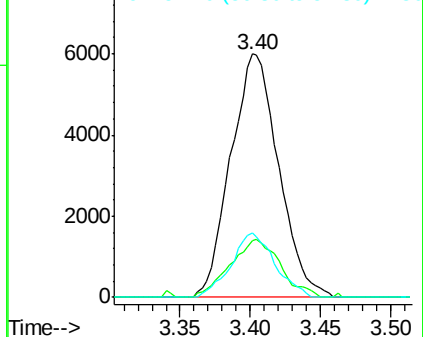
#17
Methvl tert-butvl Ether
Concen: 0.180 ug/L
RT: 3.40 min Scan# 641
Delta R.T. 0.00 min
Lab File: VU038214.D
Acq: 18 May 2020 12:53

Instrument :
MSVOA_U
ClientSampleId :
BFST8DL

Tot Ion: 73 Resp: 14209
Ion Ratio Lower Upper
73 100
43 25.0 16.9 25.3
57 24.2 18.2 27.2

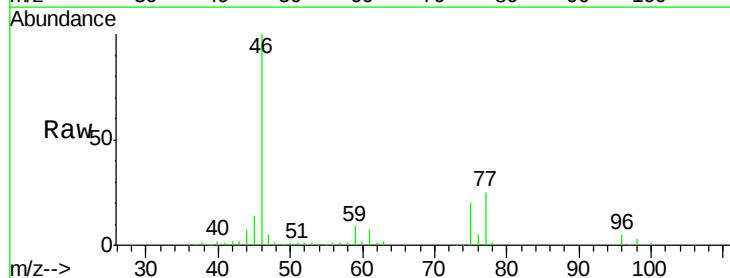


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

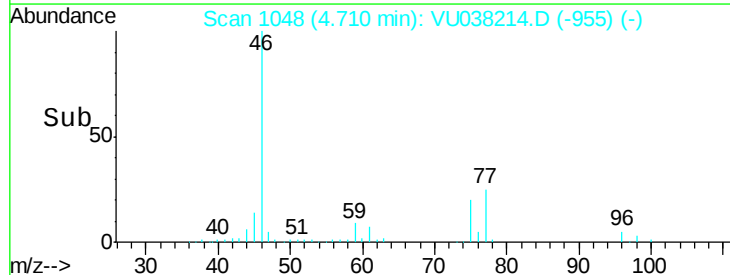
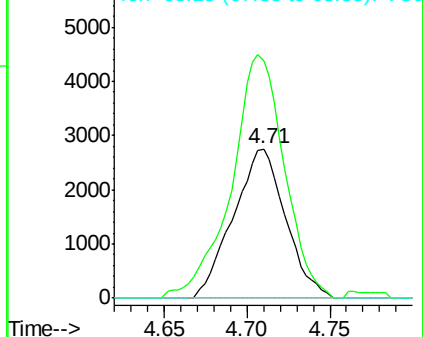


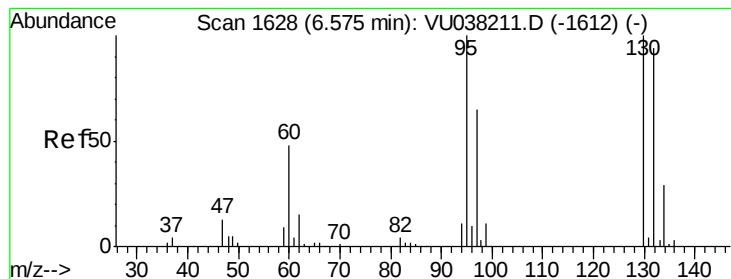
#22
cis-1,2-Dichloroethene
Concen: 0.180 ug/L
RT: 4.71 min Scan# 1048
Delta R.T. 0.00 min
Lab File: VU038214.D
Acq: 18 May 2020 12:53

Tgt Ion: 96 Resp: 6019
Ion Ratio Lower Upper
96 100
61 159.6 95.3 176.9
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 68.15 (67.85 to 68.85): VU0





#34

Trichloroethene

Concen: 5.288 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VU038214.D

Acq: 18 May 2020 12:53

Instrument :

MSVOA_U

ClientSampleId :

BFST8DL

Tot Ion: 95 Resp: 168886

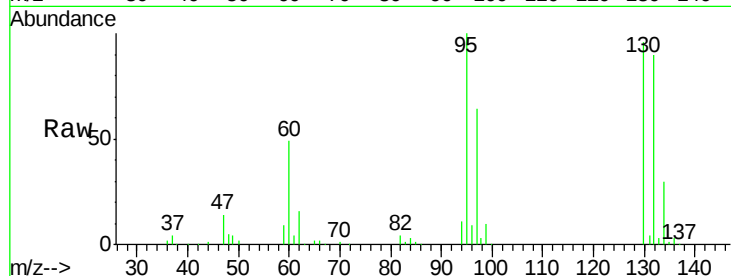
Ion Ratio Lower Upper

95 100

97 64.2 44.9 83.3

132 90.4 63.3 117.5

130 95.6 65.7 122.1

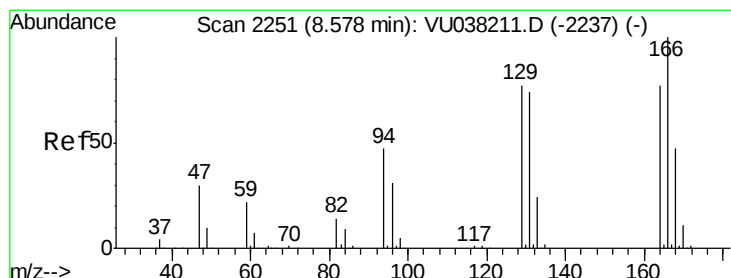
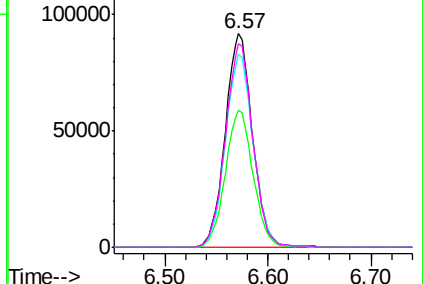
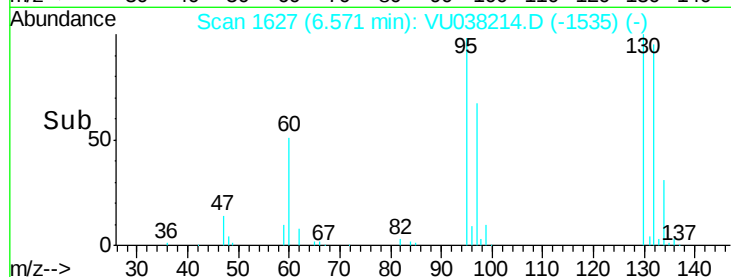


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 1.601 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU038214.D

Acq: 18 May 2020 12:53

Tgt Ion: 164 Resp: 35757

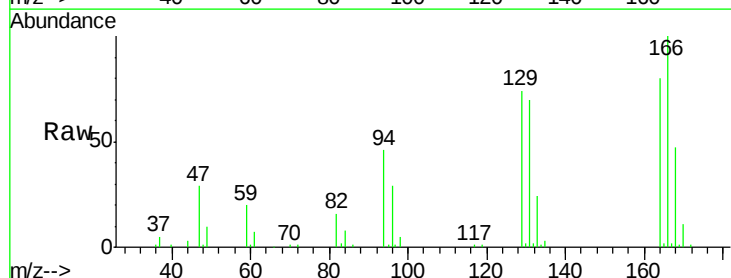
Ion Ratio Lower Upper

164 100

129 93.3 68.8 127.8

131 88.2 66.8 124.2

166 125.6 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

