

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051820\
 Data File : VU038220.D
 Acq On : 18 May 2020 15:12
 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 23:19:11 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	376851	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	367317	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	172541	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	116891	3.39	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.80%
7) Chloroethane-d5	1.93	69	110963	3.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.40%
11) 1,1-Dichloroethene-d2	2.59	63	140826	2.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	48.80%#
20) 2-Butanone-d5	4.67	46	432435	50.85	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.70%
24) Chloroform-d	5.10	84	210137	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.40%
26) 1,2-Dichloroethane-d4	5.74	65	129786	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
32) Benzene-d6	5.76	84	431216	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.40%
36) 1,2-Dichloropropane-d6	6.72	67	147320	4.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.00%
41) Toluene-d8	7.92	98	364717	3.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.80%
43) trans-1,3-Dichloropropene-	8.20	79	53702	3.77	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.40%
46) 2-Hexanone-d5	8.65	63	327945	48.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.60%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	124271	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	143605	4.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.60%

Target Compounds

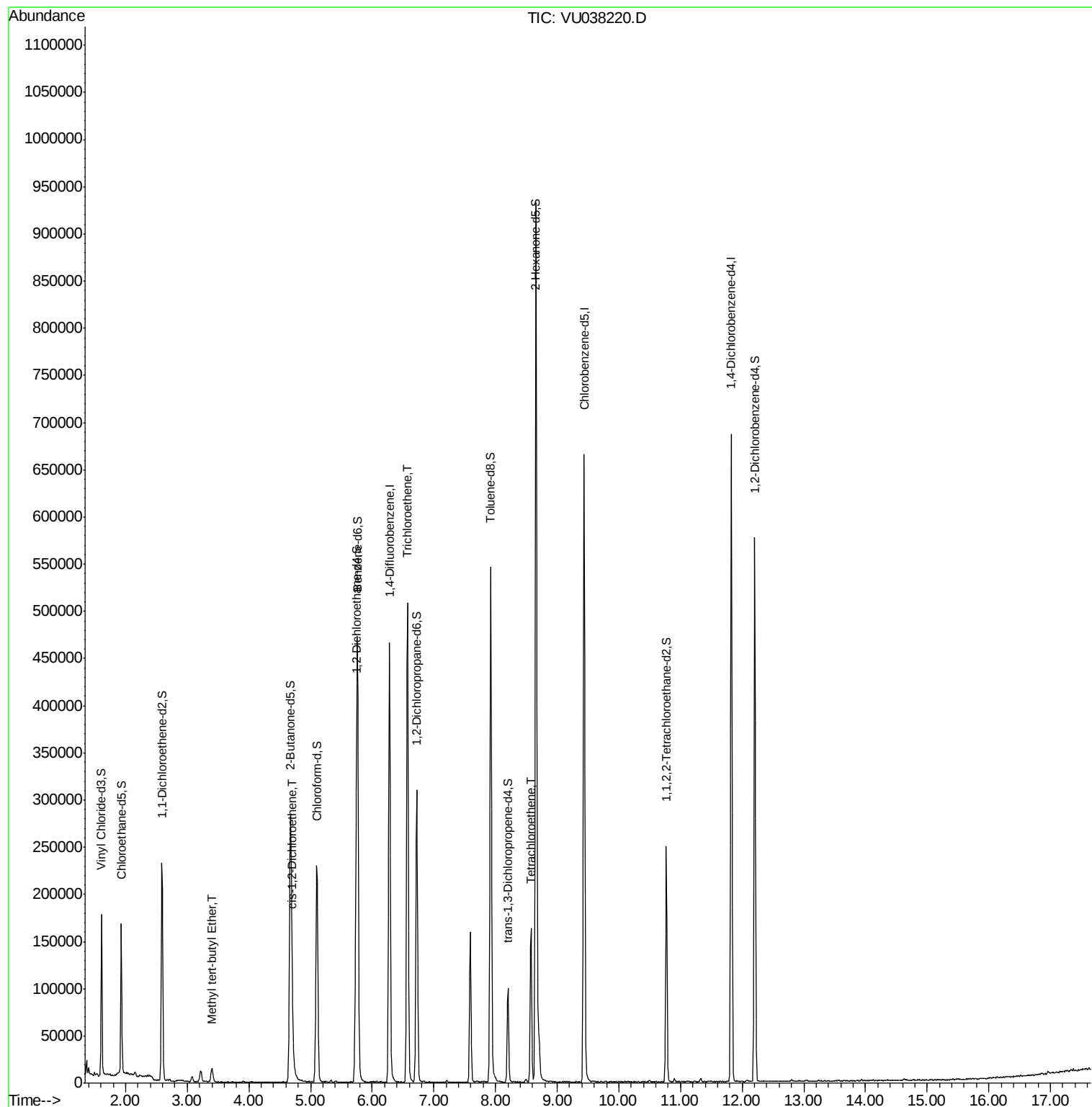
					Ovalue
17) Methyl tert-butyl Ether	3.40	73	15411	0.212 ug/L	98
22) cis-1,2-Dichloroethene	4.71	96	6492	0.211 ug/L	97
34) Trichloroethene	6.57	95	173520	5.898 ug/L	99
47) Tetrachloroethene	8.57	164	35072	1.704 ug/L	98

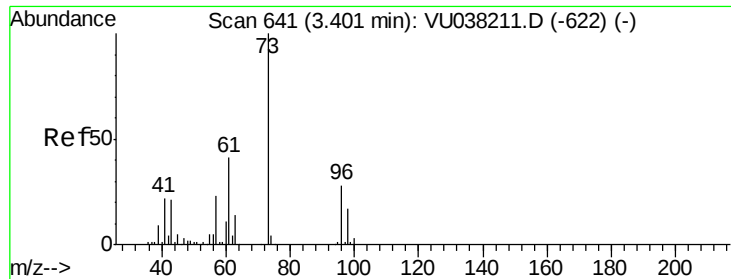
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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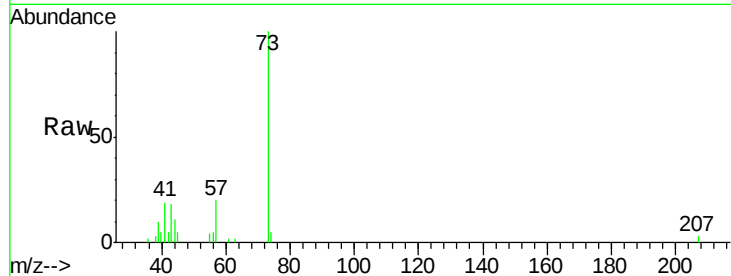




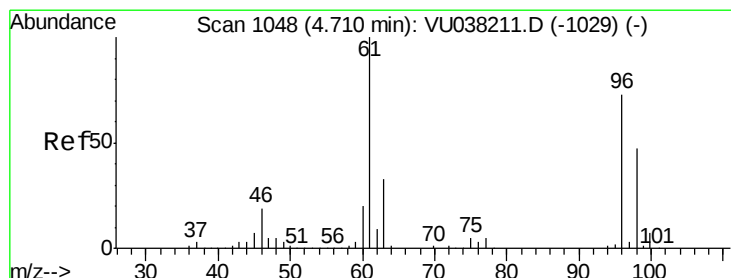
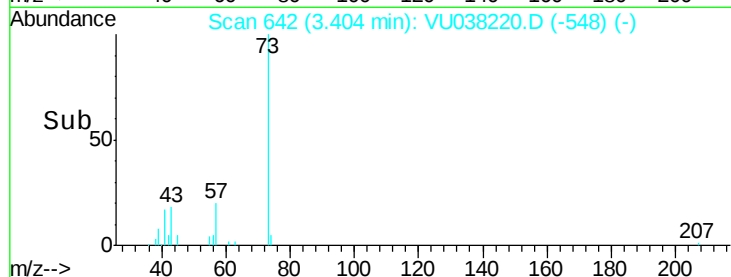
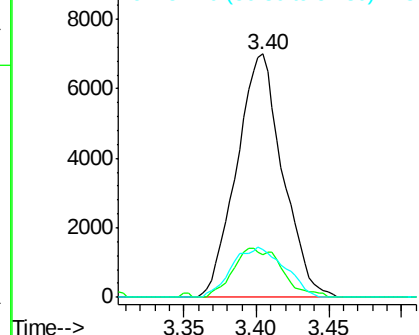
#17
Methvl tert-butvl Ether
Concen: 0.212 ug/L
RT: 3.40 min Scan# 642
Delta R.T. 0.00 min
Lab File: VU038220.D
Acq: 18 May 2020 15:12

Instrument :
MSVOA_U
ClientSampleId :
BFST8DL

Tot Ion: 73 Resp: 15411
Ion Ratio Lower Upper
73 100
43 21.7 16.9 25.3
57 23.7 18.2 27.2

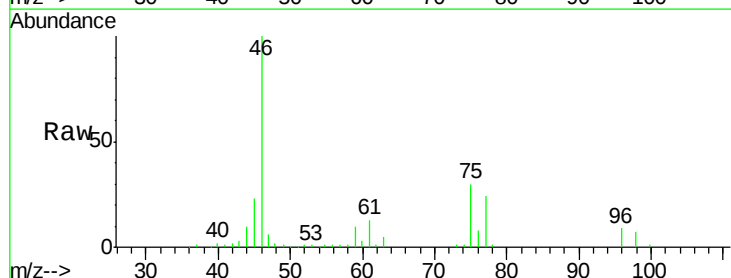


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

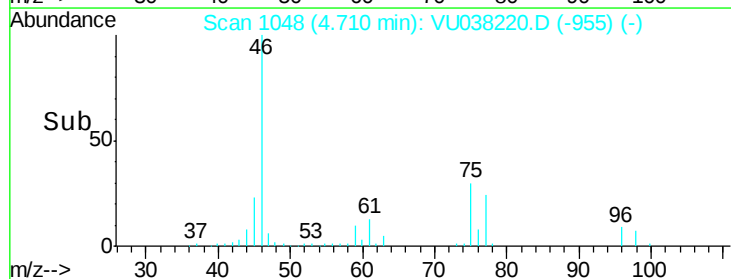
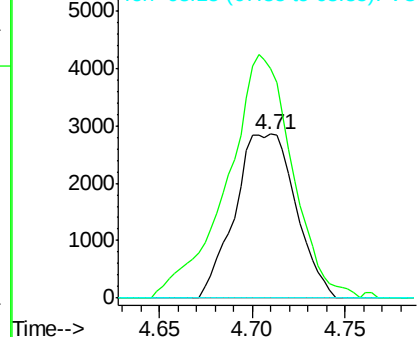


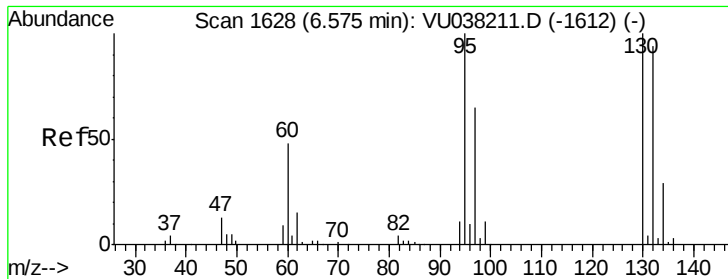
#22
cis-1,2-Dichloroethene
Concen: 0.211 ug/L
RT: 4.71 min Scan# 1048
Delta R.T. 0.00 min
Lab File: VU038220.D
Acq: 18 May 2020 15:12

Tgt Ion: 96 Resp: 6492
Ion Ratio Lower Upper
96 100
61 140.2 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

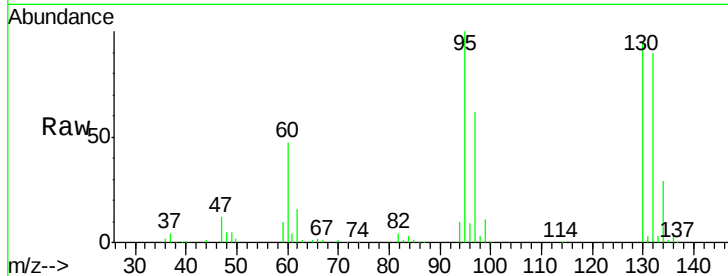




#34
 Trichloroethene
 Concen: 5.898 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VU038220.D
 Acq: 18 May 2020 15:12

Instrument :
 MSVOA_U
 ClientSampleId :
 BFST8DL

Tot Ion:	95	Resp:	173520
Ion	Ratio	Lower	Upper
95	100		
97	62.5	44.9	83.3
132	90.4	63.3	117.5
130	94.5	65.7	122.1



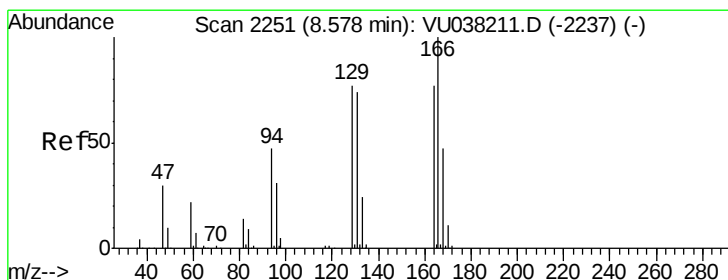
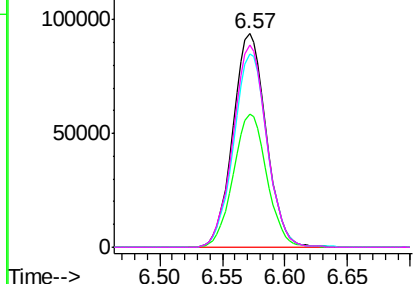
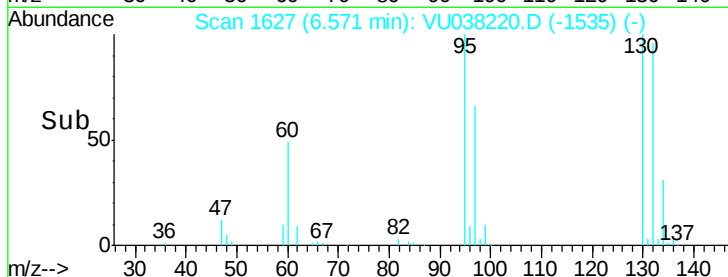
Abundance

Ion 95.00 (94.70 to 95.70): VU038220.D (-1535) (-)

Ion 96.95 (96.65 to 97.65): VU038220.D (-1535) (-)

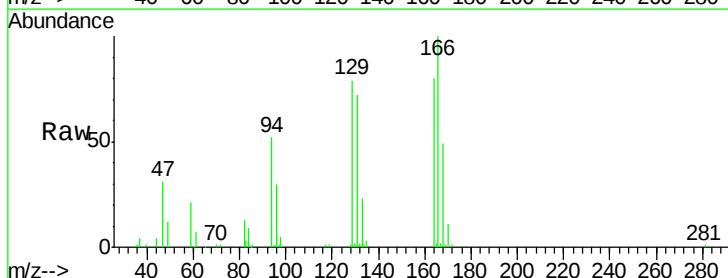
Ion 131.95 (131.65 to 132.65): VU038220.D (-1535) (-)

Ion 129.95 (129.65 to 130.65): VU038220.D (-1535) (-)



#47
 Tetrachloroethene
 Concen: 1.704 ug/L
 RT: 8.57 min Scan# 2250
 Delta R.T. -0.00 min
 Lab File: VU038220.D
 Acq: 18 May 2020 15:12

Tgt Ion:	164	Resp:	35072
Ion	Ratio	Lower	Upper
164	100		
129	98.5	68.8	127.8
131	89.9	66.8	124.2
166	125.0	88.9	165.1



Abundance

Ion 163.90 (163.60 to 164.60): VU038220.D (-2158) (-)

Ion 128.95 (128.65 to 129.65): VU038220.D (-2158) (-)

Ion 130.95 (130.65 to 131.65): VU038220.D (-2158) (-)

Ion 165.90 (165.60 to 166.60): VU038220.D (-2158) (-)

