

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061520\
 Data File : VU038911.D
 Acq On : 15 Jun 2020 22:55
 Operator : SY/MD
 Sample : L2985-05DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFT73DL

Quant Time: Jun 16 04:24:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061520WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 16 01:57:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	279530	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	284650	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	130407	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	86740	6.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	124.60%
7) Chloroethane-d5	1.93	69	96904	7.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	141.80%#
11) 1,1-Dichloroethene-d2	2.58	63	140598	4.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.20%
20) 2-Butanone-d5	4.69	46	327652	65.00	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	130.00%
24) Chloroform-d	5.10	84	184647	5.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.80%
26) 1,2-Dichloroethane-d4	5.74	65	112477	5.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.00%
32) Benzene-d6	5.76	84	364149	5.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.00%
36) 1,2-Dichloropropane-d6	6.72	67	111790	5.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.20%
41) Toluene-d8	7.92	98	301481	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
43) trans-1,3-Dichloropropene-	8.20	79	46578	5.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.60%
46) 2-Hexanone-d5	8.67	63	267638	62.19	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.38%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	121441	6.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	129.60%#
64) 1,2-Dichlorobenzene-d4	12.20	152	126394	5.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.40%

Target Compounds

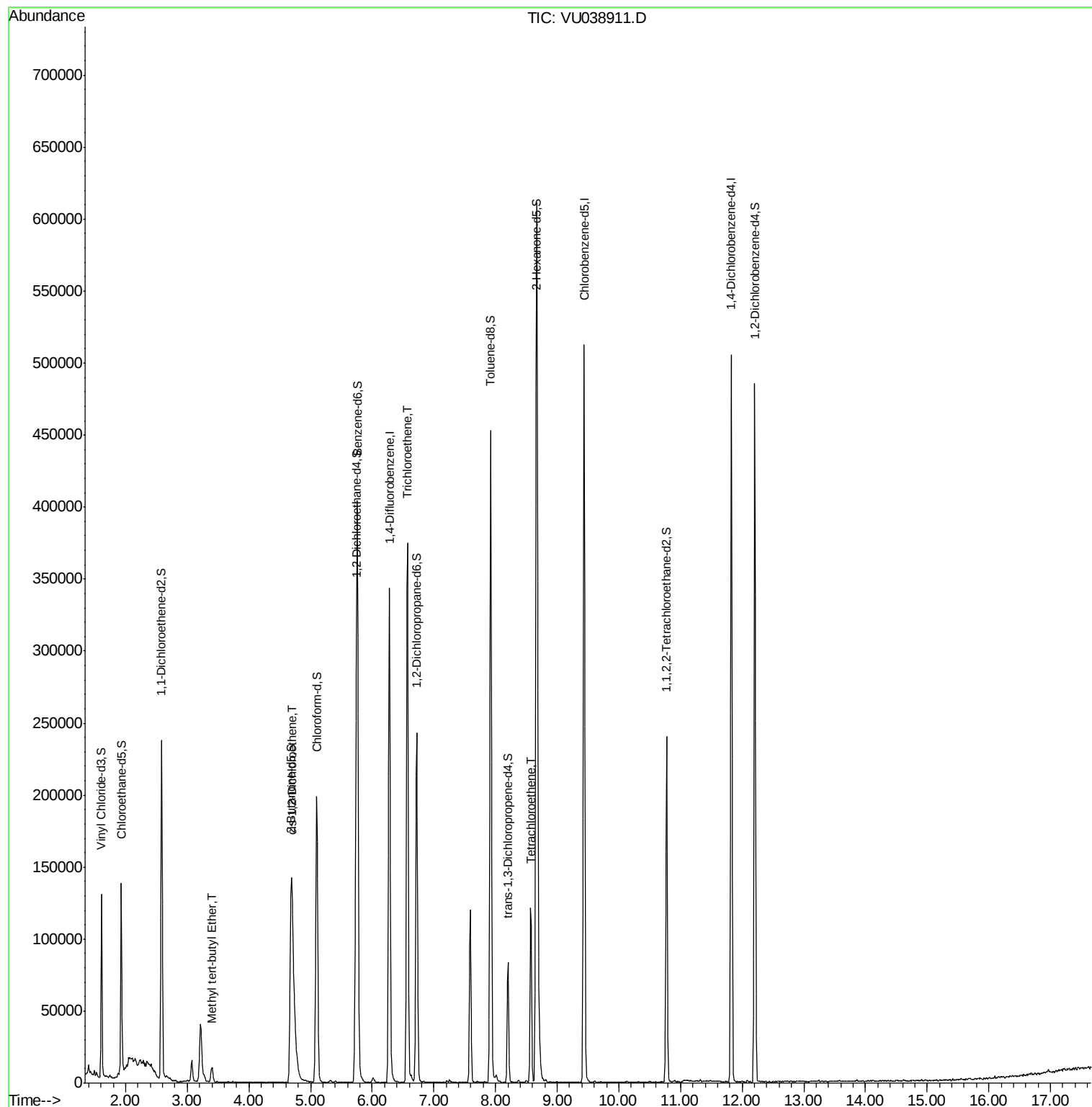
					Ovalue
17) Methyl tert-butyl Ether	3.40	73	11268	0.224 ug/L	96
22) cis-1,2-Dichloroethene	4.70	96	5109	0.233 ug/L	93
34) Trichloroethene	6.57	95	126275	5.720 ug/L	99
47) Tetrachloroethene	8.57	164	26991	1.595 ug/L	95

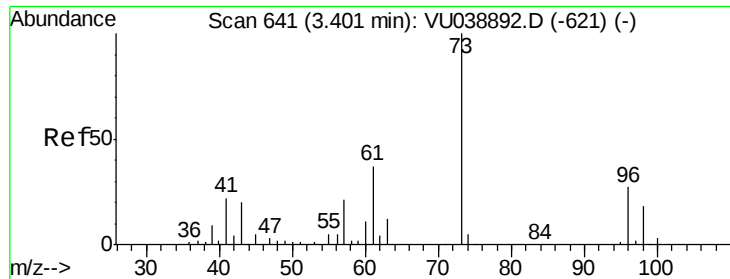
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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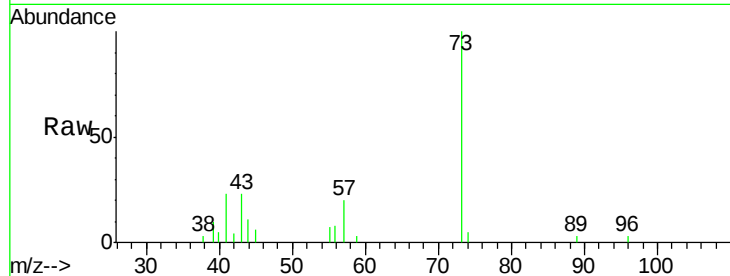




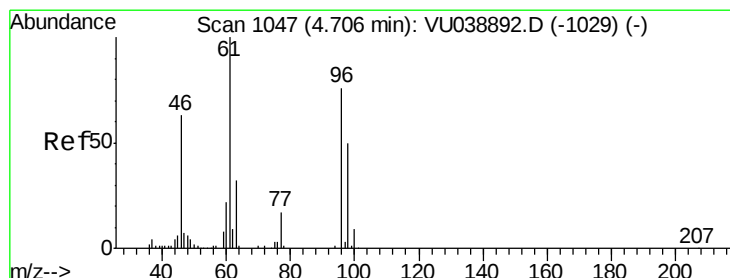
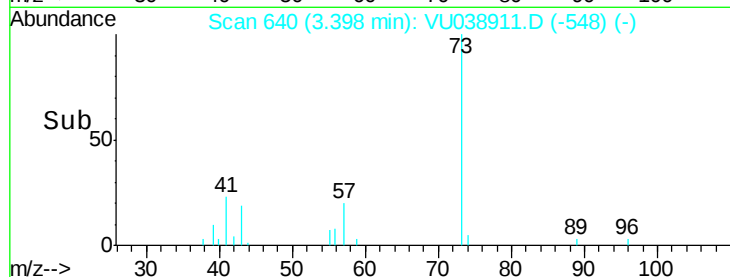
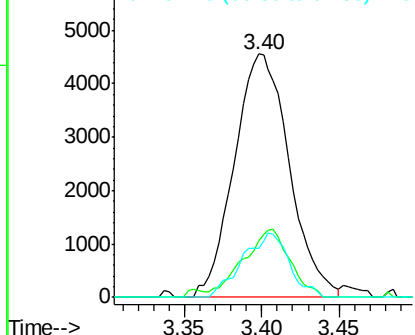
#17
Methvl tert-butvl Ether
Concen: 0.224 ug/L
RT: 3.40 min Scan# 640
Delta R.T. -0.00 min
Lab File: VU038911.D
Acq: 15 Jun 2020 22:55

Instrument :
MSVOA_U
ClientSampleId :
BFT73DL

Tot Ion: 73 Resp: 11268
Ion Ratio Lower Upper
73 100
43 23.7 16.6 24.8
57 22.4 17.5 26.3

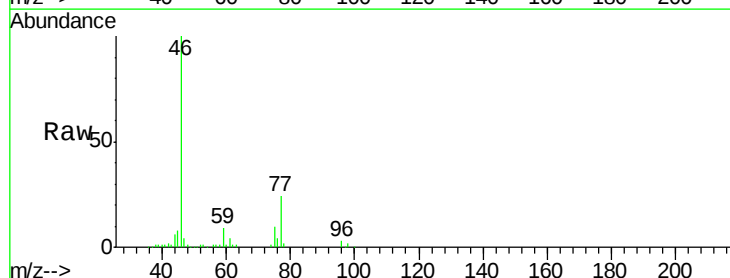


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

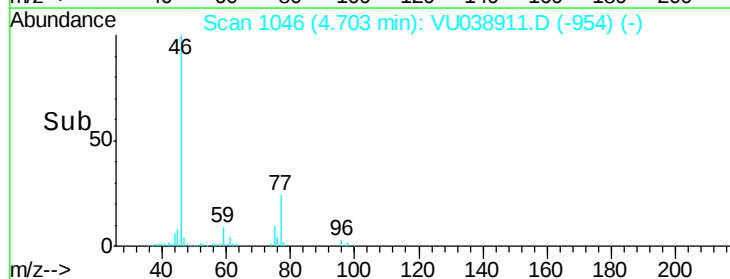
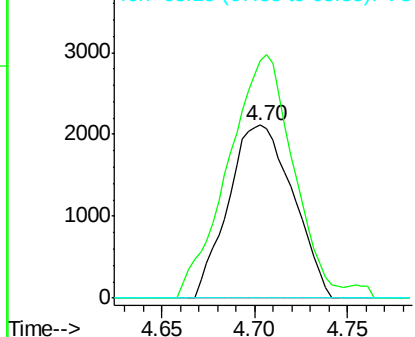


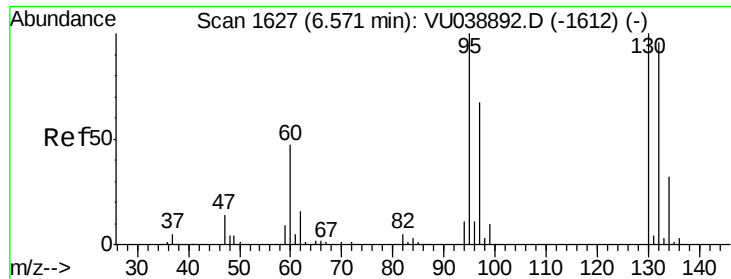
#22
cis-1,2-Dichloroethene
Concen: 0.233 ug/L
RT: 4.70 min Scan# 1046
Delta R.T. -0.00 min
Lab File: VU038911.D
Acq: 15 Jun 2020 22:55

Tgt Ion: 96 Resp: 5109
Ion Ratio Lower Upper
96 100
61 137.4 90.5 168.1
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

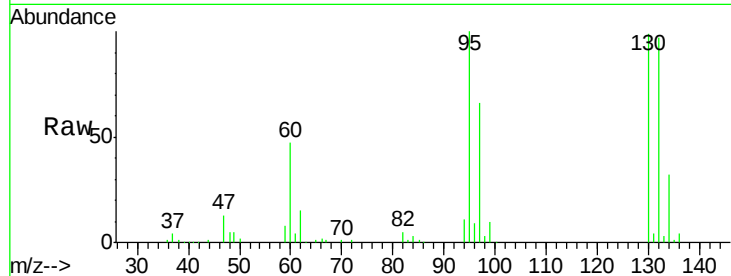




#34
 Trichloroethene
 Concen: 5.720 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VU038911.D
 Acq: 15 Jun 2020 22:55

Instrument :
 MSVOA_U
 ClientSampleId :
 BFT73DL

Tot Ion:	95	Resp:	126275
Ion	Ratio	Lower	Upper
95	100		
97	66.1	46.1	85.5
132	96.7	68.2	126.6
130	99.1	71.0	131.9



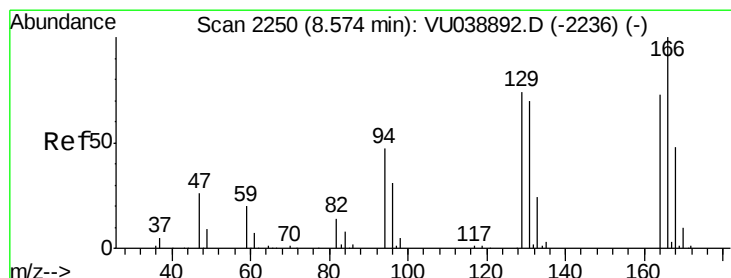
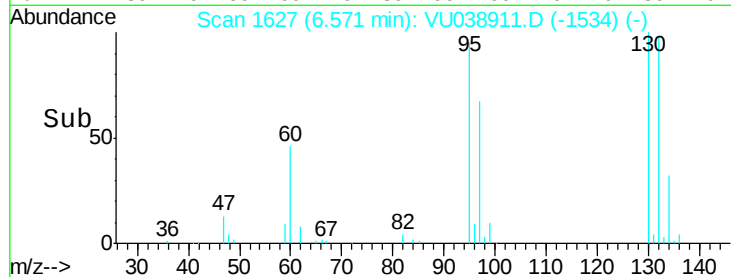
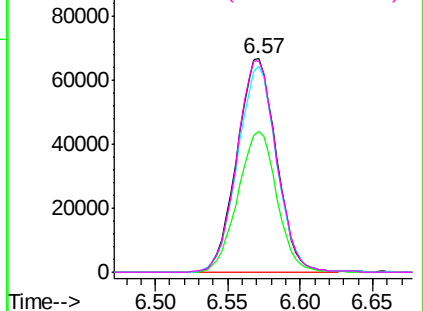
Abundance

Ion 95.00 (94.70 to 95.70): VU038911.D (-1534) (-)

Ion 96.95 (96.65 to 97.65): VU038911.D (-1534) (-)

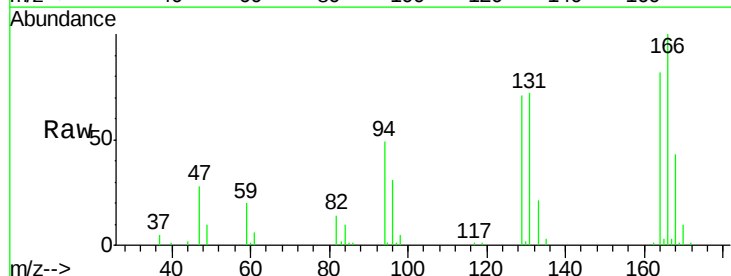
Ion 131.95 (131.65 to 132.65): VU038911.D (-1534) (-)

Ion 129.95 (129.65 to 130.65): VU038911.D (-1534) (-)



#47
 Tetrachloroethene
 Concen: 1.595 ug/L
 RT: 8.57 min Scan# 2249
 Delta R.T. -0.00 min
 Lab File: VU038911.D
 Acq: 15 Jun 2020 22:55

Tgt Ion:	164	Resp:	26991
Ion	Ratio	Lower	Upper
164	100		
129	86.3	65.5	121.7
131	87.0	63.9	118.7
166	121.4	87.9	163.3



Abundance

Ion 163.90 (163.60 to 164.60): VU038911.D (-2157) (-)

Ion 128.95 (128.65 to 129.65): VU038911.D (-2157) (-)

Ion 130.95 (130.65 to 131.65): VU038911.D (-2157) (-)

Ion 165.90 (165.60 to 166.60): VU038911.D (-2157) (-)

