

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060220\
 Data File : VU038489.D
 Acq On : 02 Jun 2020 13:06
 Operator : JC/MD
 Sample : L2846-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFX41

Quant Time: Jun 03 01:17:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 03 00:48:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	341529	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	333211	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	159271	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	71471	3.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.60%
7) Chloroethane-d5	1.93	69	70480	4.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.00%
11) 1,1-Dichloroethene-d2	2.59	63	120702	2.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.40%#
20) 2-Butanone-d5	4.69	46	371352	55.30	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.60%
24) Chloroform-d	5.10	84	184813	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
26) 1,2-Dichloroethane-d4	5.74	65	113643	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
32) Benzene-d6	5.76	84	362652	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
36) 1,2-Dichloropropane-d6	6.72	67	113635	4.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.80%
41) Toluene-d8	7.93	98	291356	3.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.00%
43) trans-1,3-Dichloropropene-	8.20	79	47080	4.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.60%
46) 2-Hexanone-d5	8.66	63	313214	57.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.30%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	109264	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	123615	4.50	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.00%

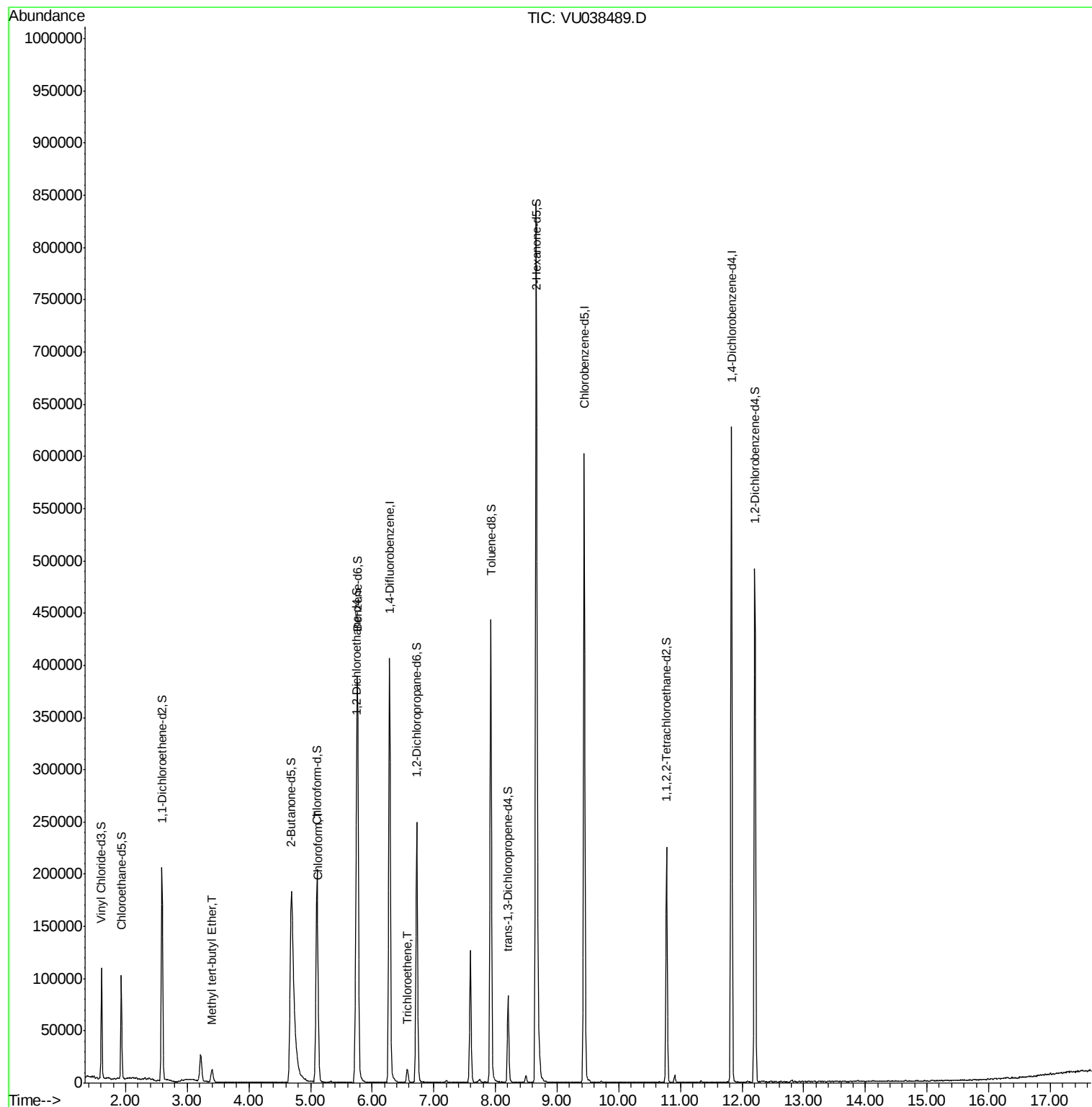
Target Compounds					Qvalue
17) Methyl tert-butyl Ether	3.40	73	13568	0.25 ug/L	96
25) Chloroform	5.12	83	19219	0.47 ug/L	90
34) Trichloroethene	6.57	95	3601	0.15 ug/L	93

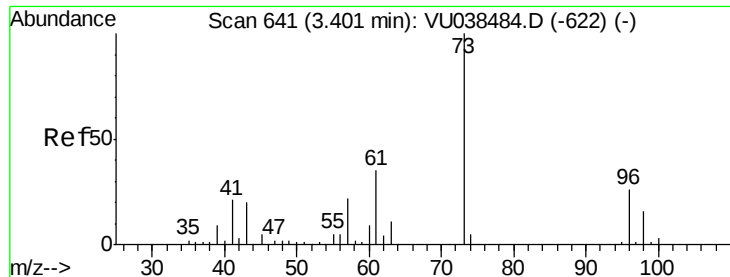
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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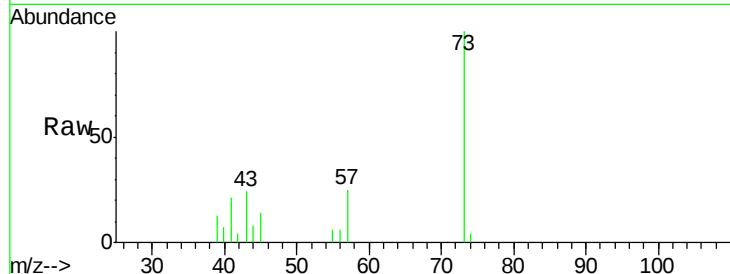




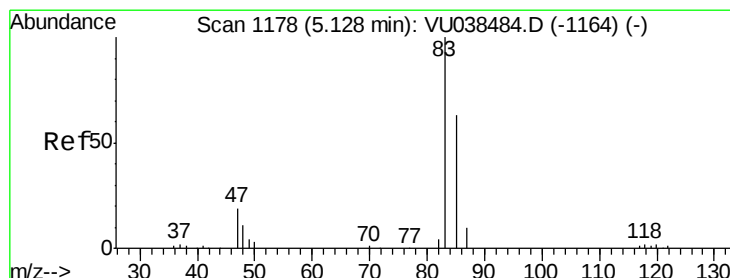
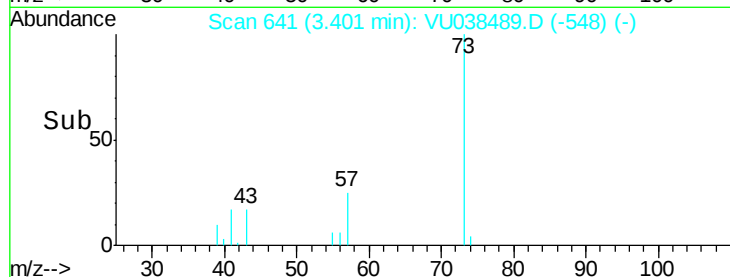
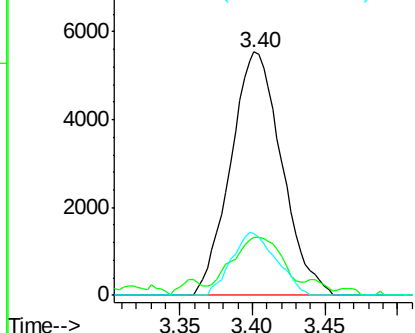
#17
Methyl tert-butyl Ether
Concen: 0.25 ug/L
RT: 3.40 min Scan# 641
Delta R.T. -0.00 min
Lab File: VU038489.D
Acq: 02 Jun 2020 13:06

Instrument :
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ClientSampleId :
BFX41

Tgt Ion: 73 Resp: 13568
Ion Ratio Lower Upper
73 100
43 22.8 15.5 23.3
57 22.4 17.8 26.6

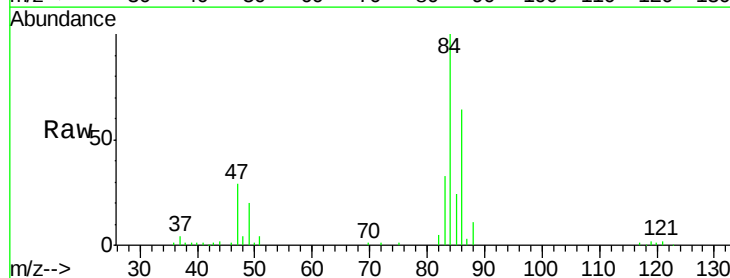


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

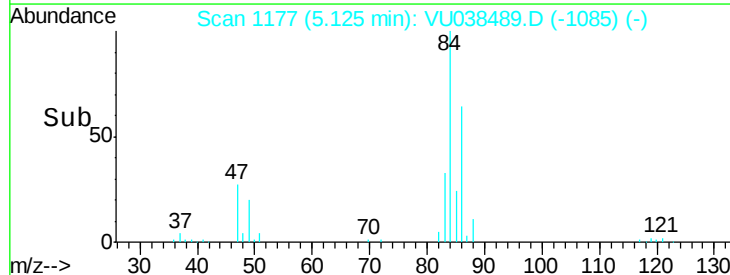
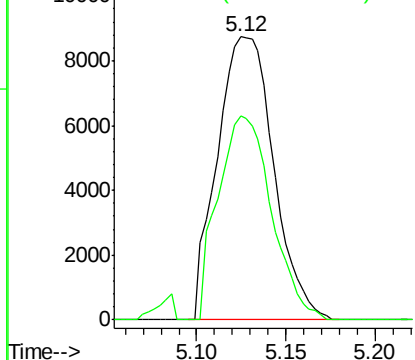


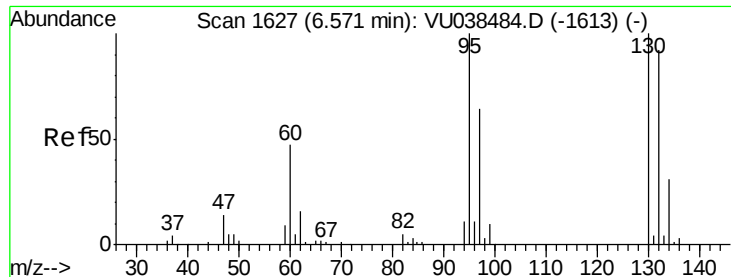
#25
Chloroform
Concen: 0.47 ug/L
RT: 5.12 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VU038489.D
Acq: 02 Jun 2020 13:06

Tgt Ion: 83 Resp: 19219
Ion Ratio Lower Upper
83 100
85 72.3 44.9 83.5



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





#34

Trichloroethene

Concen: 0.15 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VU038489.D

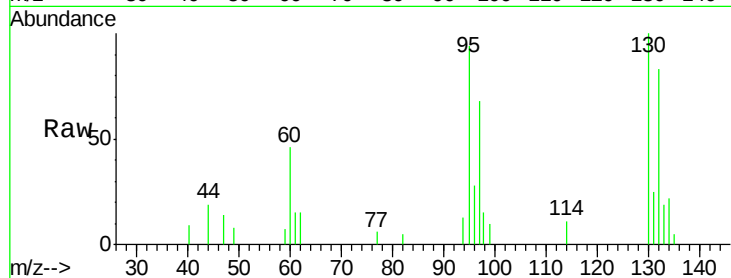
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Tgt Ion: 95 Resp: 3601

Ion Ratio Lower Upper

95 100

97 73.2 46.8 87.0

132 88.5 66.1 122.7

130 106.9 70.0 130.0

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

