

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU063020\
 Data File : VU039251.D
 Acq On : 01 Jul 2020 01:58
 Operator : SY/MD
 Sample : L3121-09DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F38DL

Quant Time: Jul 08 02:07:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR063020WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 01 02:28:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	200323	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	197906	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	85615	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	61648	4.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.20%
7) Chloroethane-d5	1.93	69	67662	5.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.80%
11) 1,1-Dichloroethene-d2	2.59	63	93250	3.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.80%
20) 2-Butanone-d5	4.67	46	187119	33.41	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	66.82%
24) Chloroform-d	5.10	84	122956	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.40%
26) 1,2-Dichloroethane-d4	5.74	65	75514	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.00%
32) Benzene-d6	5.76	84	234627	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.72	67	71844	4.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.60%
41) Toluene-d8	7.92	98	184669	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
43) trans-1,3-Dichloropropene-	8.20	79	31201	4.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.60%
46) 2-Hexanone-d5	8.65	63	139831	35.55	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.10%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	64179	3.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	70360	4.53	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.60%

Target Compounds

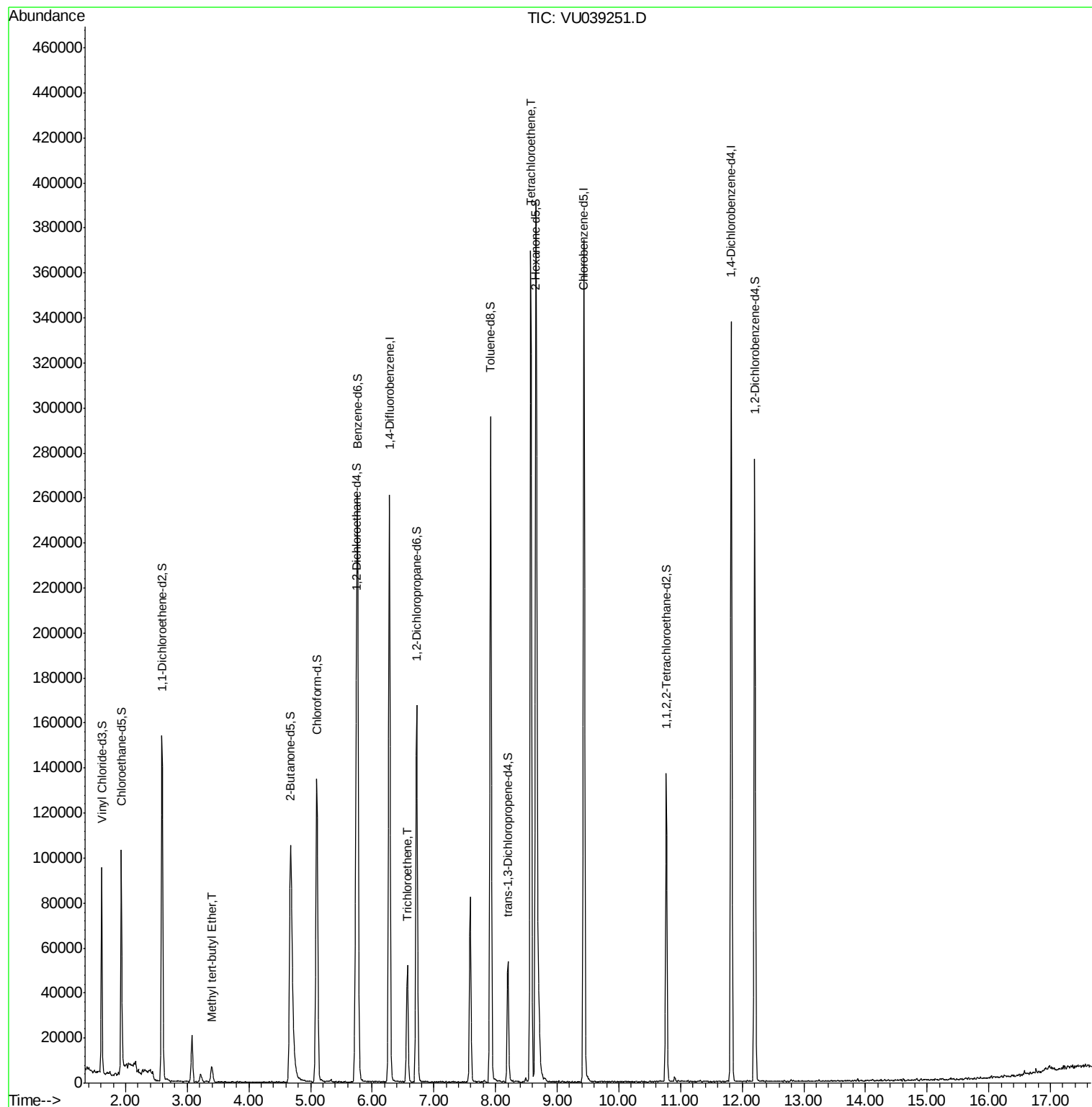
					Qvalue
17) Methyl tert-butyl Ether	3.39	73	6698	0.175 ug/L #	86
34) Trichloroethene	6.57	95	14945	0.979 ug/L	91
47) Tetrachloroethene	8.57	164	78534	7.335 ug/L	97

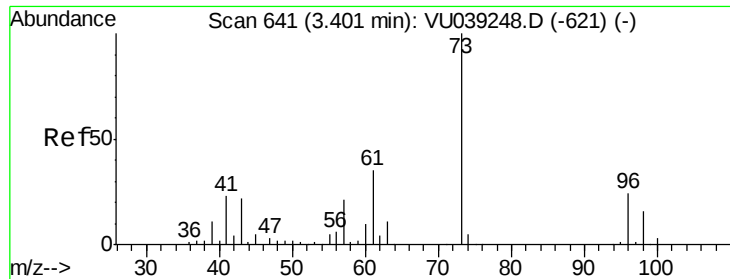
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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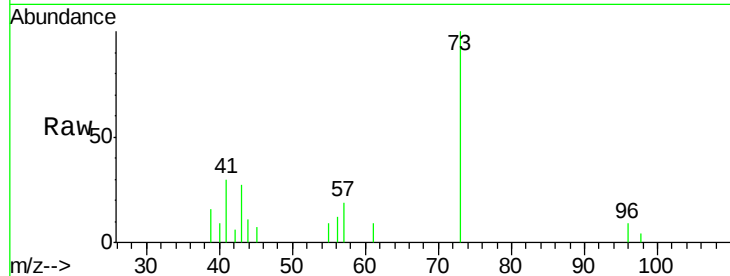




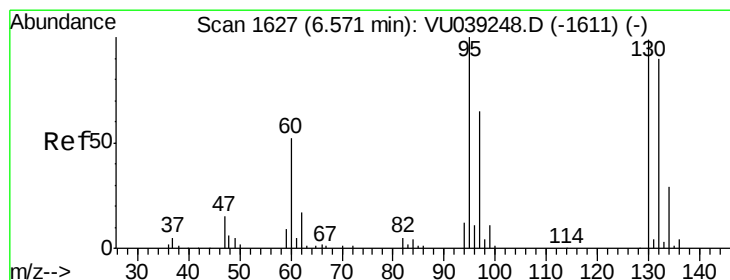
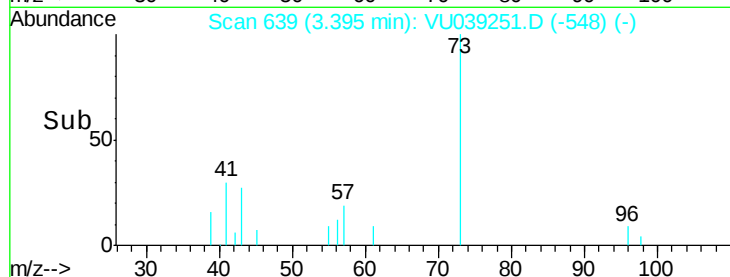
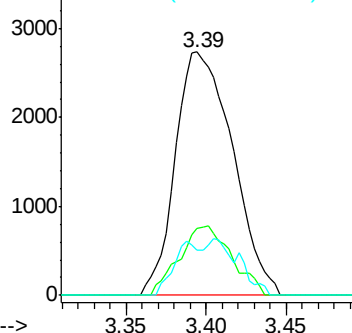
#17
Methyl tert-butyl Ether
Concen: 0.175 ug/L
RT: 3.39 min Scan# 639
Delta R.T. -0.01 min
Lab File: VU039251.D
Acq: 01 Jul 2020 01:58

Instrument :
MSVOA_U
ClientSampleId :
F9F38DL

Tgt Ion: 73 Resp: 6698
Ion Ratio Lower Upper
73 100
43 26.0 17.4 26.0
57 13.1 17.6 26.4#

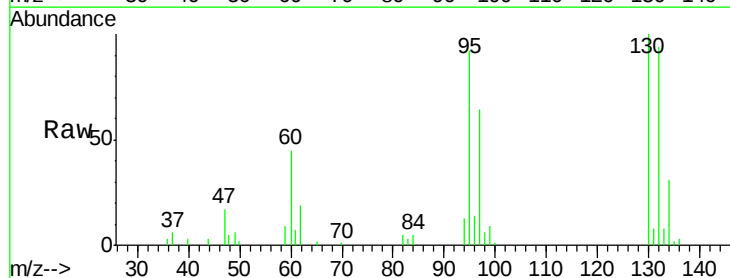


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

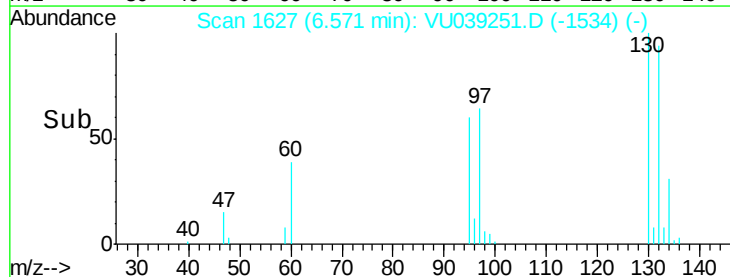
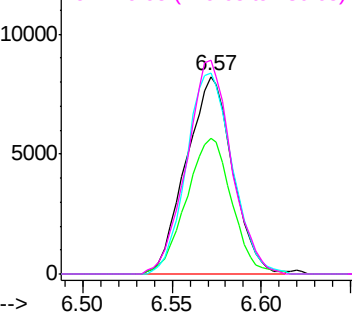


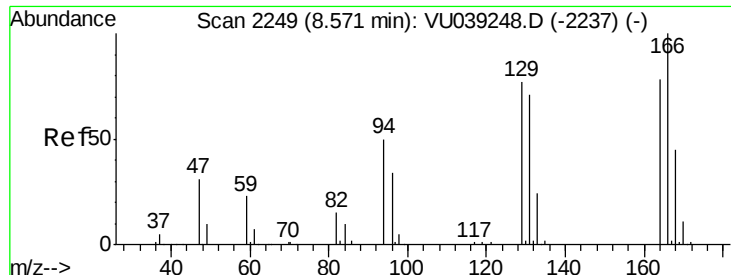
#34
Trichloroethene
Concen: 0.979 ug/L
RT: 6.57 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VU039251.D
Acq: 01 Jul 2020 01:58

Tgt Ion: 95 Resp: 14945
Ion Ratio Lower Upper
95 100
97 69.0 44.0 81.8
132 101.6 64.9 120.5
130 108.2 68.7 127.5



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: 7.335 ug/L

RT: 8.57 min Scan# 2249

Delta R.T. 0.00 min

Lab File: VU039251.D

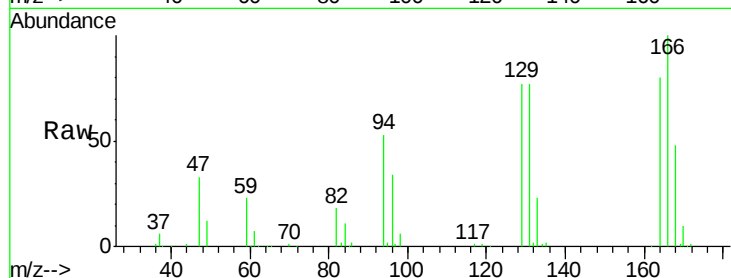
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Tgt Ion:164 Resp: 78534

Ion Ratio Lower Upper

164 100

129 95.8 66.4 123.4

131 96.8 66.7 123.9

166 125.0 92.3 171.5

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

