

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042820\
 Data File : VU037893.D
 Acq On : 28 Apr 2020 21:38
 Operator : JC/MD
 Sample : L2395-16 500X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Quant Time: Apr 29 06:51:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 29 04:16:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	594204	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	580366	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	260043	50.00	ug/L	0.00

System Monitoring Compounds

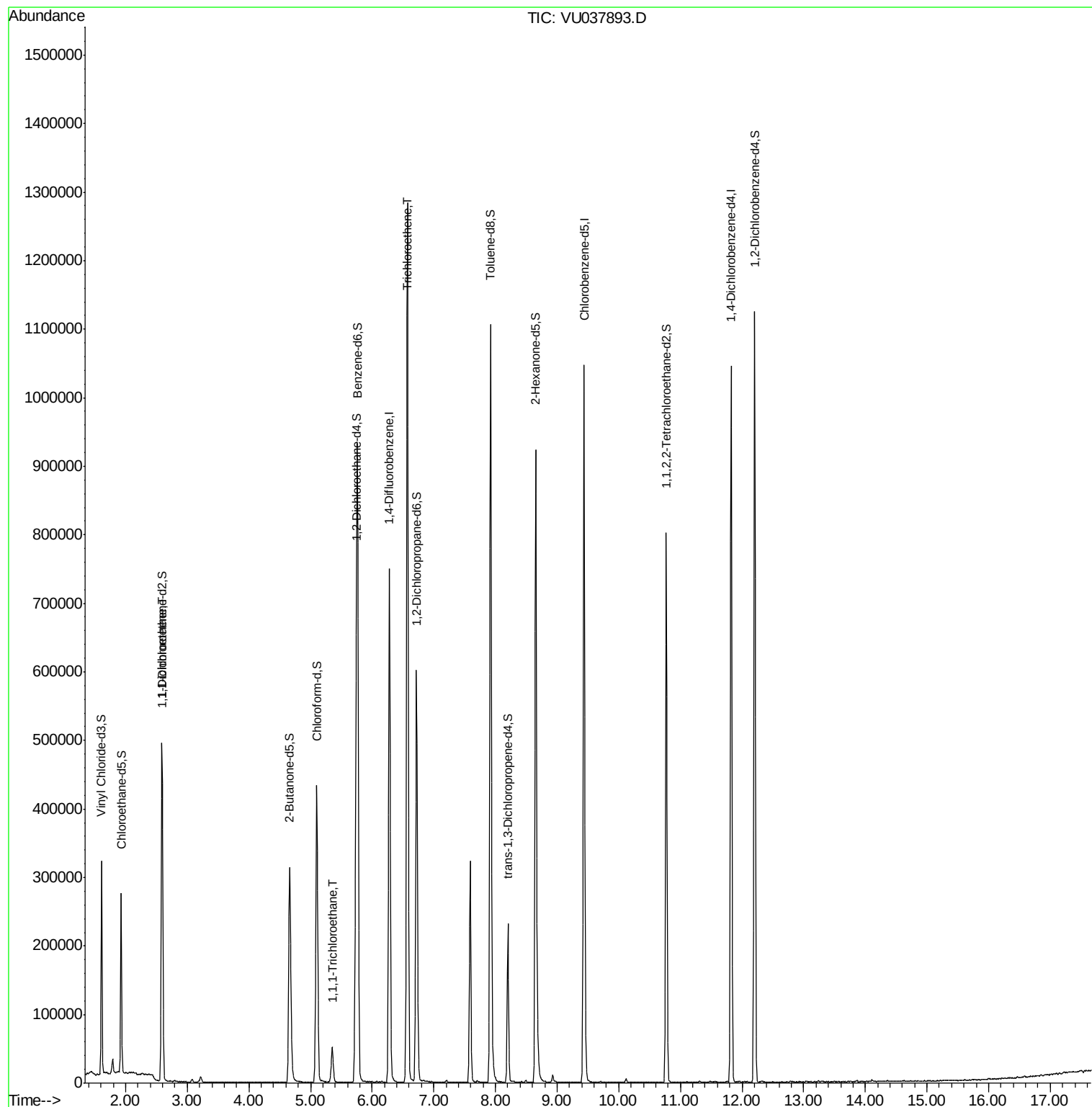
4) Vinyl Chloride-d3	1.61	65	205579	39.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.20%
7) Chloroethane-d5	1.93	69	192372	47.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.62%
11) 1,1-Dichloroethene-d2	2.59	63	292947	34.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.72%
21) 2-Butanone-d5	4.66	46	427116	103.83	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.83%
24) Chloroform-d	5.10	84	393873	49.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.62%
26) 1,2-Dichloroethane-d4	5.74	65	279840	51.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.22%
32) Benzene-d6	5.76	84	841270	51.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.52%
36) 1,2-Dichloropropane-d6	6.72	67	284091	51.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.50%
41) Toluene-d8	7.92	98	754340	50.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.02%
43) trans-1,3-Dichloropropene-	8.20	79	124649	44.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.24%
47) 2-Hexanone-d5	8.65	63	327732	109.67	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.67%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	404180	52.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.84%
64) 1,2-Dichlorobenzene-d4	12.20	152	274428	54.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.48%

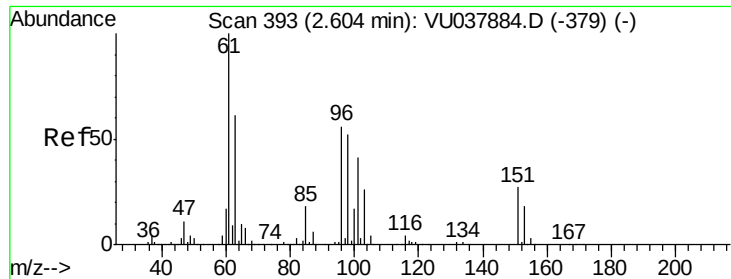
Target Compounds					Ovalue
12) 1,1-Dichloroethene	2.60	96	25747	7.137 ug/L	# 1
30) 1,1,1-Trichloroethane	5.35	97	36535	5.637 ug/L	98
34) Trichloroethene	6.57	95	436716	101.072 ug/L	98

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

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#12

1,1-Dichloroethene

Concen: 7.137 ug/L

RT: 2.60 min Scan# 393

Delta R.T. 0.00 min

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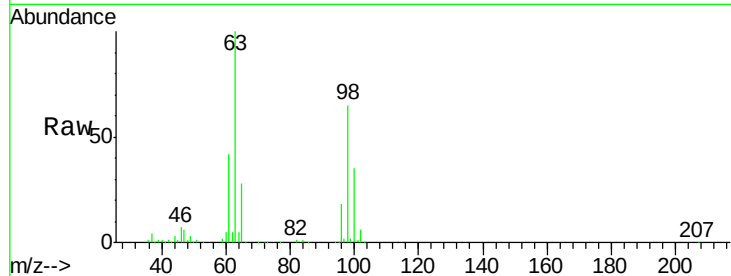
Tot Ion: 96 Resp: 25747

Ion Ratio Lower Upper

96 100

61 225.6 134.1 249.0

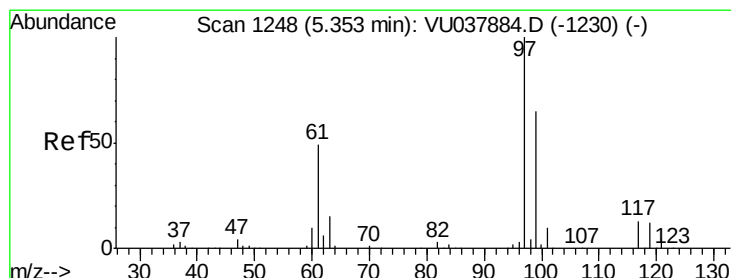
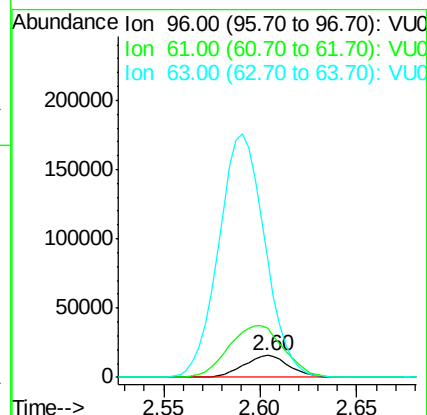
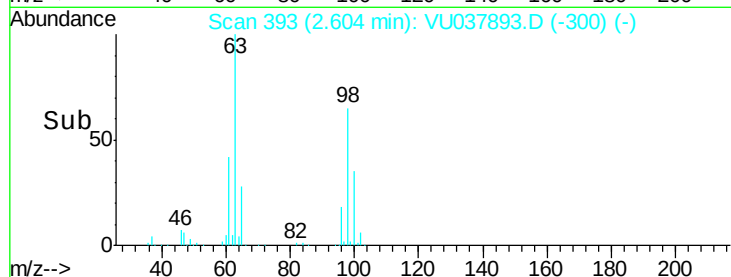
63 540.8 96.5 179.1#



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0



#30

1,1,1-Trichloroethane

Concen: 5.637 ug/L

RT: 5.35 min Scan# 1248

Delta R.T. 0.00 min

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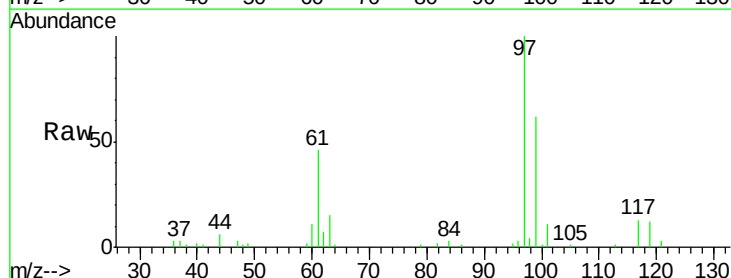
Tgt Ion: 97 Resp: 36535

Ion Ratio Lower Upper

97 100

99 64.3 50.7 76.1

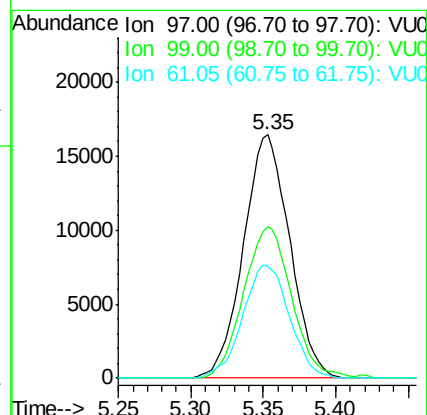
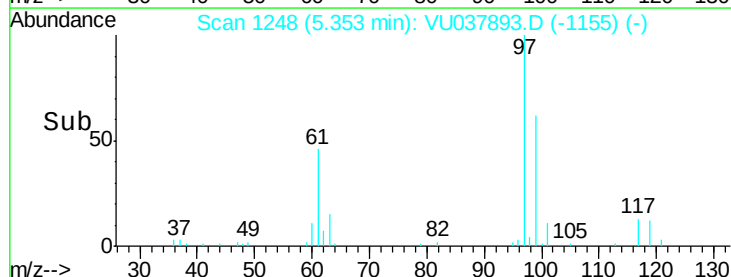
61 46.9 38.9 58.3

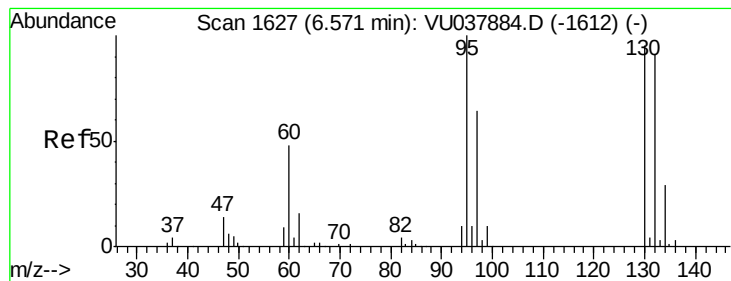


Abundance Ion 97.00 (96.70 to 97.70): VU0

Ion 99.00 (98.70 to 99.70): VU0

Ion 61.05 (60.75 to 61.75): VU0





#34

Trichloroethene

Concen: 101.072 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. 0.00 min

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Tot Ion: 95 Resp: 436716

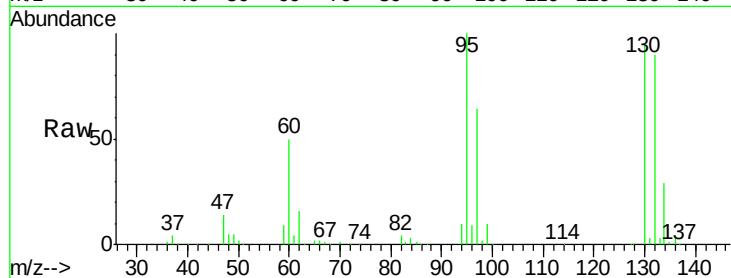
Ion Ratio Lower Upper

95 100

97 63.6 44.4 82.5

132 89.8 65.0 120.6

130 95.1 65.5 121.7



Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

