

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042820\
 Data File : VU037898.D
 Acq On : 28 Apr 2020 23:31
 Operator : JC/MD
 Sample : L2396-02 500X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: Apr 29 04:19:33 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	649686	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	634225	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	284784	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	216423	38.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.24%
7) Chloroethane-d5	1.93	69	199359	45.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.62%
11) 1,1-Dichloroethene-d2	2.59	63	295392	32.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.30%
21) 2-Butanone-d5	4.66	46	434478	96.60	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.60%
24) Chloroform-d	5.10	84	411131	47.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.10%
26) 1,2-Dichloroethane-d4	5.74	65	285162	47.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.26%
32) Benzene-d6	5.76	84	881641	49.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.32%
36) 1,2-Dichloropropane-d6	6.72	67	297837	49.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.30%
41) Toluene-d8	7.92	98	809894	49.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.26%
43) trans-1,3-Dichloropropene-	8.20	79	127638	41.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.68%
47) 2-Hexanone-d5	8.65	63	311958	95.53	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.53%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	420547	50.39	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.78%
64) 1,2-Dichlorobenzene-d4	12.20	152	293847	53.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.06%

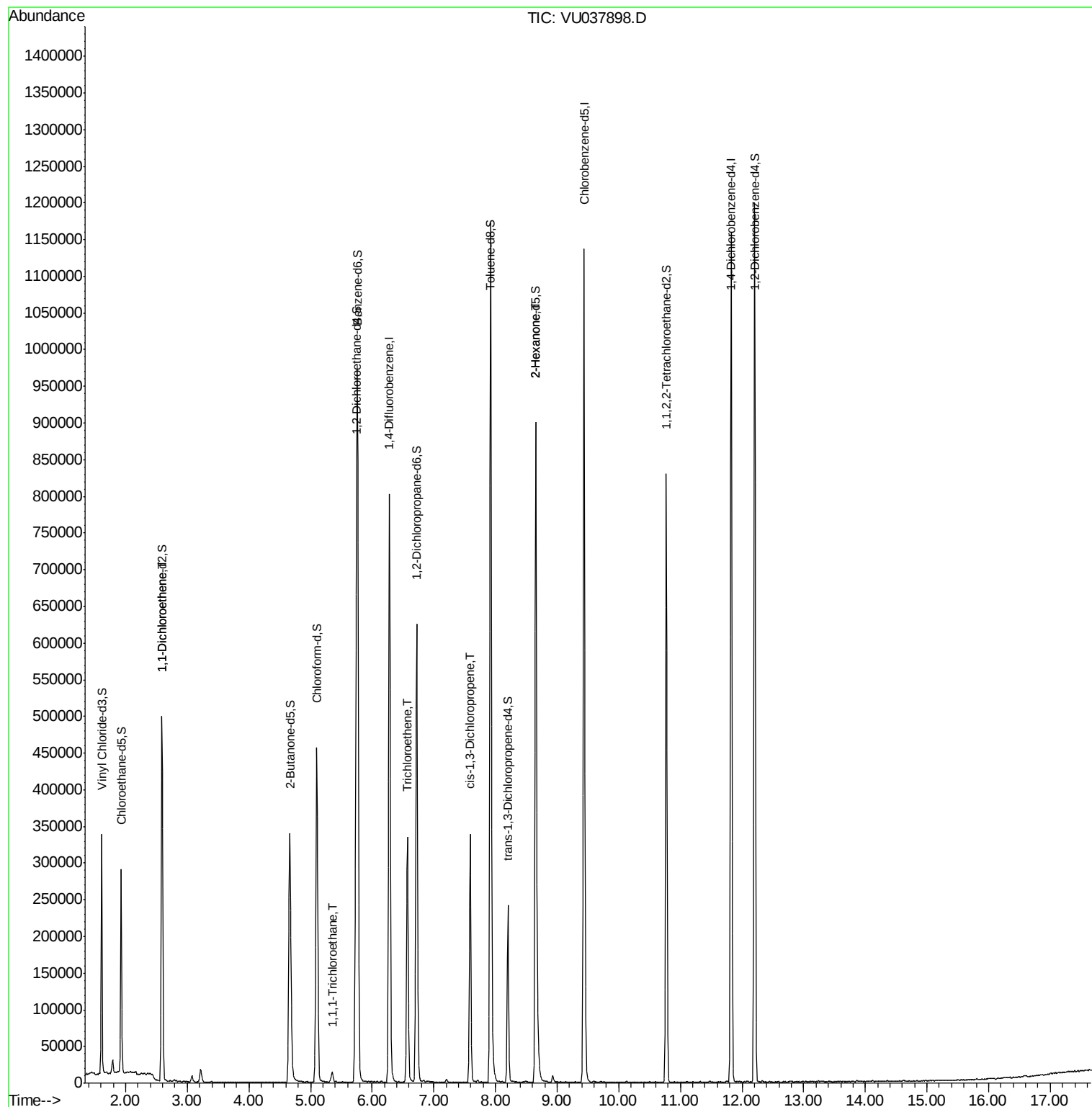
Target Compounds

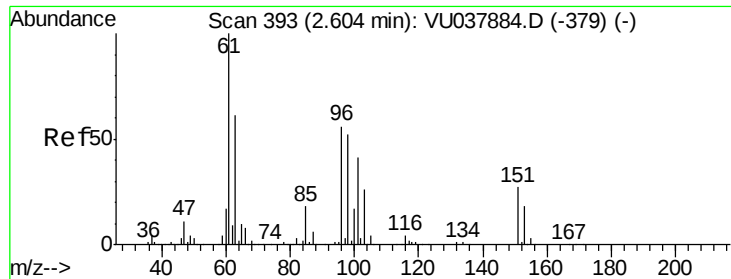
					Ovalue
12) 1,1-Dichloroethene	2.60	96	8030	2.036 ug/L #	1
30) 1,1,1-Trichloroethane	5.35	97	9805	1.384 ug/L	98
34) Trichloroethene	6.57	95	113174	23.968 ug/L	96
39) cis-1,3-Dichloropropene	7.59	75	7255	0.862 ug/L #	63
48) 2-Hexanone	8.65	43	38100	5.270 ug/L #	87

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

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#12

1,1-Dichloroethene

Concen: 2.036 ug/L

RT: 2.60 min Scan# 392

Delta R.T. -0.00 min

Lab File: VU037898.D

Acq: 28 Apr 2020 23:31

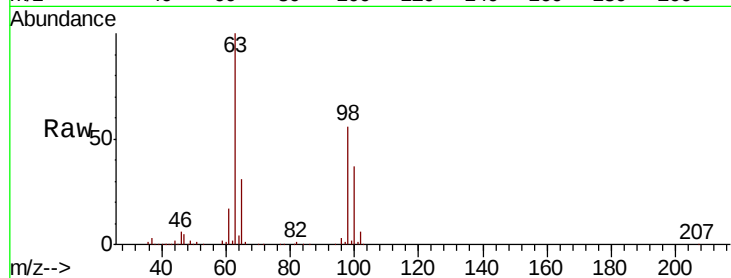
Tot Ion: 96 Resp: 8030

Ion Ratio Lower Upper

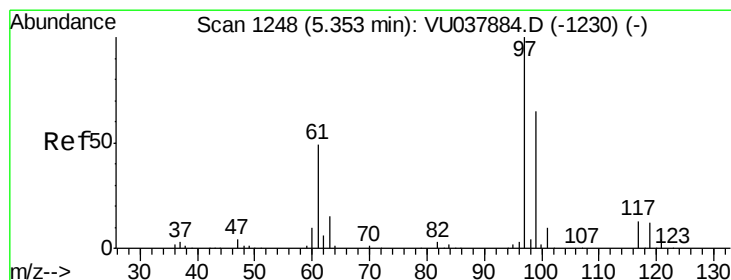
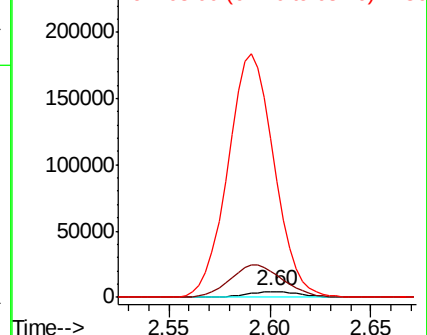
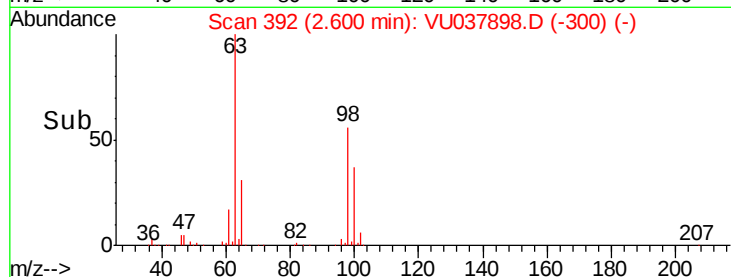
96 100

61 480.2 134.1 249.0#

63 2872.2 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: 1.384 ug/L

RT: 5.35 min Scan# 1247

Delta R.T. -0.00 min

Lab File: VU037898.D

Acq: 28 Apr 2020 23:31

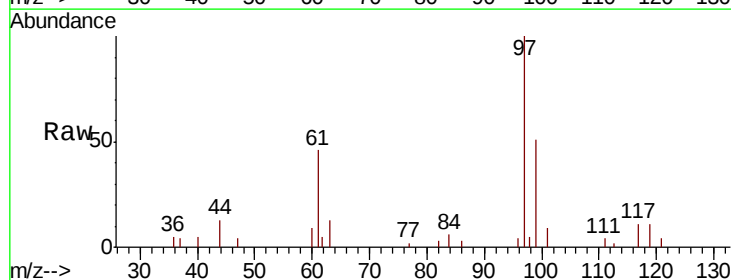
Tgt Ion: 97 Resp: 9805

Ion Ratio Lower Upper

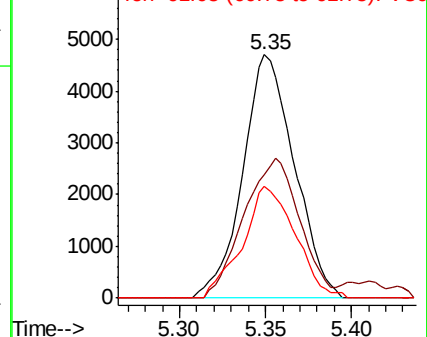
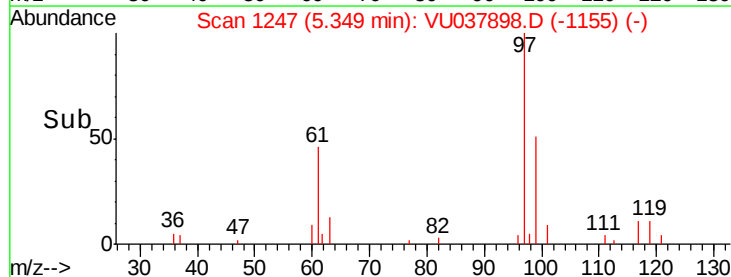
97 100

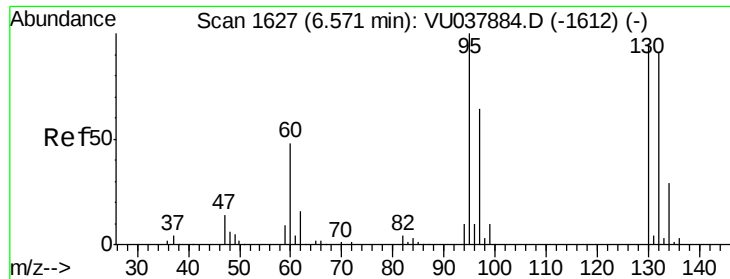
99 62.6 50.7 76.1

61 46.8 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: 23.968 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VU037898.D

Acq: 28 Apr 2020 23:31

Tot Ion: 95 Resp: 113174

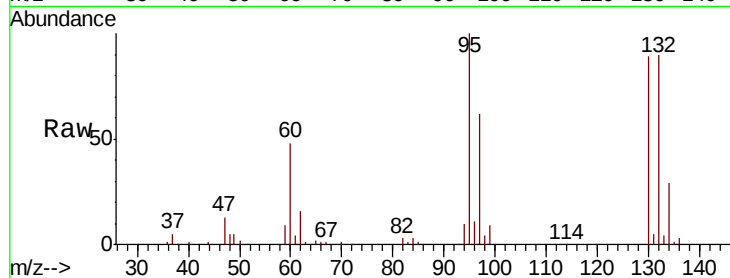
Ion Ratio Lower Upper

95 100

97 61.8 44.4 82.5

132 90.0 65.0 120.6

130 88.7 65.5 121.7

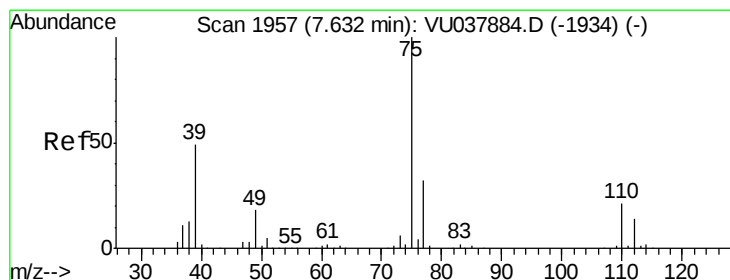
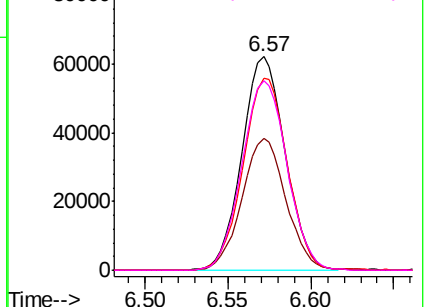
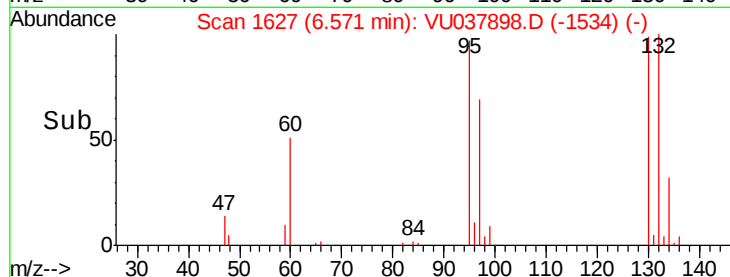


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#39

cis-1,3-Dichloropropene

Concen: 0.862 ug/L

RT: 7.59 min Scan# 1943

Delta R.T. -0.05 min

Lab File: VU037898.D

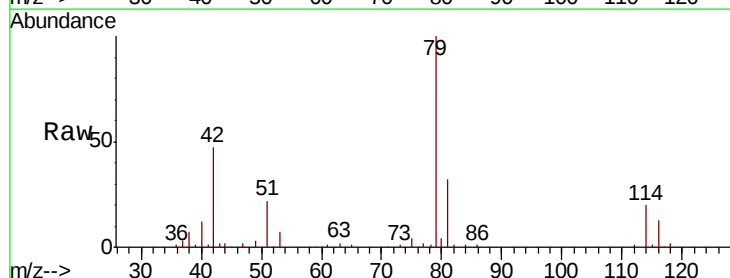
Acq: 28 Apr 2020 23:31

Tgt Ion: 75 Resp: 7255

Ion Ratio Lower Upper

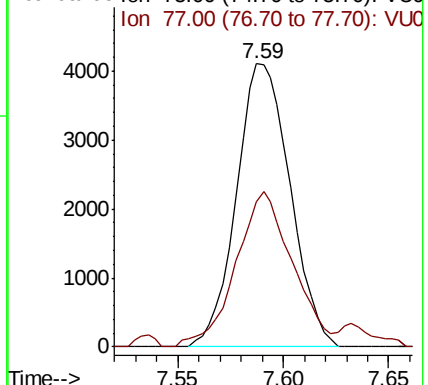
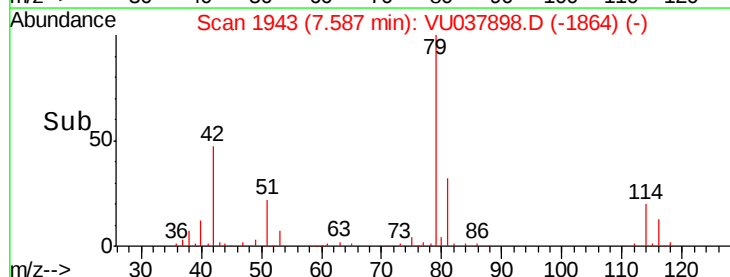
75 100

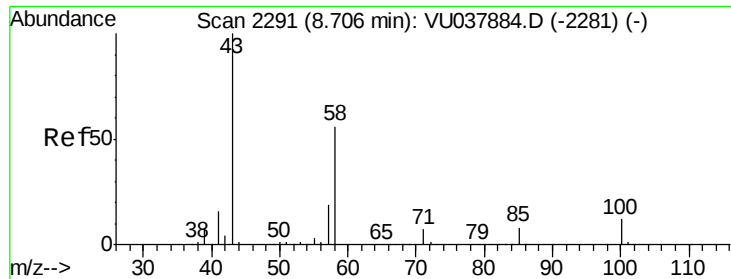
77 51.3 21.7 40.3#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#48

2-Hexanone

Concen: 5.270 ug/L

RT: 8.65 min Scan# 2275

Delta R.T. -0.05 min

Lab File: VU037898.D

Acq: 28 Apr 2020 23:31

Tot Ion: 43 Resp: 38100

Ion Ratio Lower Upper

43 100

58 45.2 42.6 63.8

57 23.2 14.6 22.0#

100 0.2 8.6 13.0#

